

Contamination Screening Evaluation Report

Florida Department of Transportation

District D6

NE 79th Street (SR 934) PD&E Study

Limits of Project: From West of Pelican Harbor Drive to East of Adventure Avenue

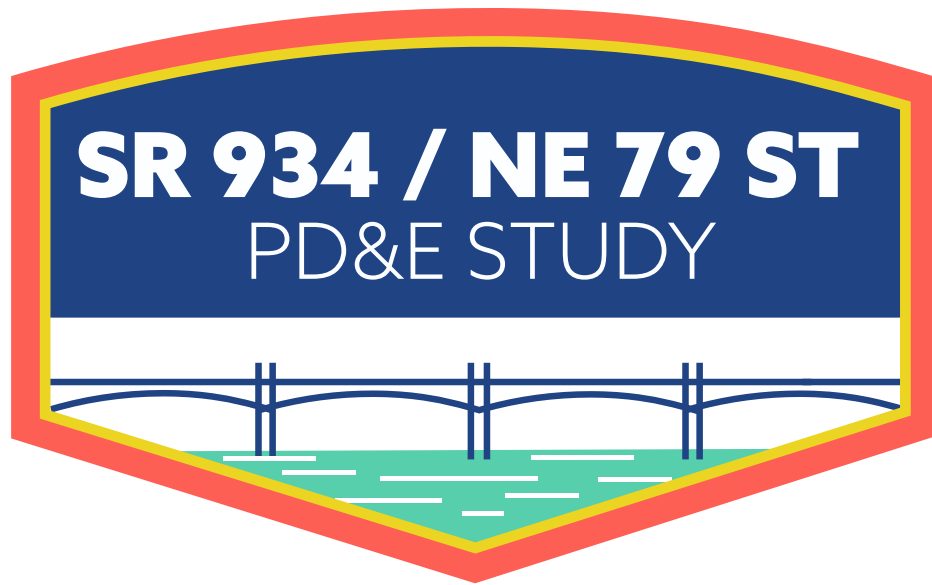
Miami-Dade County, Florida

Financial Management Number: 449007-1-22-01

ETDM Number: 14484

Date: March 2024

The environmental review, consultation, and other actions required by applicable federal environmental laws for this project are being, or have been, carried out by the Florida Department of Transportation (FDOT) pursuant to 23 U.S.C. § 327 and a Memorandum of Understanding dated May 26, 2022 and executed by the Federal Highway Administration and FDOT.



Contamination Screening Evaluation Report

MARCH 2024

EXECUTIVE SUMMARY

The proposed project involves the replacement of four prestressed concrete slab (Sonovoid) bridges arranged in two locations as parallel bridge pairs connecting three islands within the City of Miami and North Bay Village in Miami-Dade County. The project also involves improvements to the roadway approaches within the limits of the study. The bridges are part of State Road (SR) 934/NE 79th Street (John F. Kennedy Causeway), a roadway classified as "Urban Principal Arterial - Other", which connects mainland Miami to Miami Beach and North Bay Village. The specific limits of the project extend from milepost (MP) 1.077 (west of Pelican Harbor Drive) to MP 1.947 (east of Adventure Avenue). This Contamination Screening Evaluation Report identifies sites of potential contamination risk to the project and provides information on site histories as well as risk ratings and guidance for additional investigations.

A total of seven sites of potential contamination risk were identified, including four High Risk, one Medium Risk, and two Low Risk sites. Some Right-of-Way (ROW) would be acquired from Pelican Harbor Park, which is rated as a Medium Risk site, and ROW would be acquired adjacent to Speedway #6893, which is rated High Risk. No other ROW would be acquired under the Preferred Alternative. Level II Contamination Assessment investigations are recommended where new ROW would be acquired or where proposed dewatering or subsurface work would occur at or adjacent to any sites rated High or Medium Risk (e.g., pole foundations, drainage features, soil excavation, etc.).

Through coordination with the District Structures Office, we've confirmed no asbestos surveys have been conducted previously. Testing for Asbestos Containing Materials and Metal Based Coatings of the existing bridges is recommended, as appropriate. If dewatering is necessary during construction, a SFWMD Dewatering Permit will be required. The contractor will be held responsible for ensuring compliance with any necessary dewatering permit(s). A dewatering plan will be necessary to avoid potential contamination plume exacerbation. All permits will be obtained in accordance with Federal, state, and local laws and regulations, and in coordination with the District Contamination Impact Coordinator.

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ACRONYMS AND ABBREVIATIONS

CSER	Contamination Screening Evaluation Report
EST	Environmental Screening Tool
ETDM	Efficient Transportation Decision Making
FDEM	Florida Division of Emergency Management
FDEP	Florida Department of Environmental Protection
FDOT	Florida Department of Transportation
FEMA	Federal Emergency Management Agency
FLUCCS	Florida Land Use Cover Classifications System
FM	Financial Management
NBI	National Bridge Inventory
NPL	National Priorities List
NWI	National Wetlands Inventory
NRCS	Natural Resources Conservation Service
PD&E	Project Development and Environment
OSW	Other Surface Waters
RCRA	Resource Conservation and Recovery Act
ROW	Right-of-Way
SFWMD	South Florida Water Management District
SR	State Road
SUPER	State Underground Petroleum Environmental Response Act
USEPA	US Environmental Protection Agency
USFWS	US Fish and Wildlife Service

1 Introduction

This Contamination Screening Evaluation Report (CSER) has been prepared in accordance with the Florida Department of Transportation (FDOT) Project Development and Environment (PD&E) Manual Part 2, Chapter 4, effective July 1, 2023, which incorporates the requirements of the National Environmental Policy Act (NEPA) and related Federal and state laws. The purpose of this report is to present the findings of a contamination screening evaluation for SR 934/NE 79th Street PD&E Study. This report identifies and evaluates known or potential contamination sites within or adjacent to the project area that may affect implementation of the project. The report also presents recommendations for additional analysis and documents possible project impacts and their mitigations.

2 Project Description

This project involves the potential replacement of four prestressed concrete slab (Sonovoid) bridges arranged in two locations as parallel bridge pairs connecting three islands within the City of Miami and North Bay Village in Miami-Dade County. The project also involves improvements to the roadway approaches within the limits of the study. The bridges are part of State Road (SR) 934/NE 79th Street (John F. Kennedy Causeway), a roadway classified as "Urban Principal Arterial - Other", which connects mainland Miami to Miami Beach and North Bay Village. The specific limits of the project extend from milepost (MP) 1.077 (west of Pelican Harbor Drive) to MP 1.947 (east of Adventure Avenue), as shown in **Figure 2.1**. The project's western study limits fall within the City of Miami, while the eastern study limits fall within North Bay Village.

Outside the project limits, NE 79th Street is expected to remain as a six-lane urban principal arterial. Therefore, to align with the existing configuration and accommodate additional lanes being dropped or added at the intersections, the logical termini for this project involve NE 79th Street from west of Pelican Harbor Drive (western terminus) to east of Adventure Avenue (eastern terminus). These logical termini also allow for full inclusion of the intersection footprints. The western bridge pair, comprised of Bridge Identification (ID) Numbers 870083 (westbound) and 870549 (eastbound), is located just west of North Bay Island/Harbor Island. The eastern bridge pair, comprised of Bridge ID Numbers 870084 (westbound) and 870550 (eastbound), is located between North Bay Island/Harbor Island and Treasure Island. The project is approximately 0.8 mile in length.



Figure 2.1 Study Area

The existing western bridge pair (**Figure 2.2**) consists of six lanes, including four 11-foot-wide travel lanes to the inside and two 13.5-foot-wide travel lanes to the outside, and a raised median connecting the two bridge structures. The outside travel lanes include shared-use markings to accommodate bicycles. In addition, a 5-foot-wide raised sidewalk is present on each side of the bridge pair to the outside. The existing eastern bridge pair (**Figure 2.3**) consists of six 10-foot-wide travel lanes with a raised median connecting the two bridge structures, as well as a 5.5-foot-wide dedicated bicycle lane and a sidewalk varying between 5 and 6 feet in width (separated by guardrail) on each side of the bridge pair to the outside.

The bridge approaches are generally consistent with the typical section of the bridges, except for east of the western bridge pair which includes dedicated bicycle lanes. Crossing over the Biscayne Bay, the bridges have a maximum vertical clearance of 6.78 feet at Mean Low Water and a minimum vertical clearance of 3.05 feet at Mean High Water. Biscayne Bay at the bridge crossings is not deemed a navigable waterway by the United States Coast Guard. The existing right-of-way varies along the project segment and ranges from approximately 100 to 130 feet. The existing right-of-way varies along the project segment and ranges from approximately 100 to 130 feet.

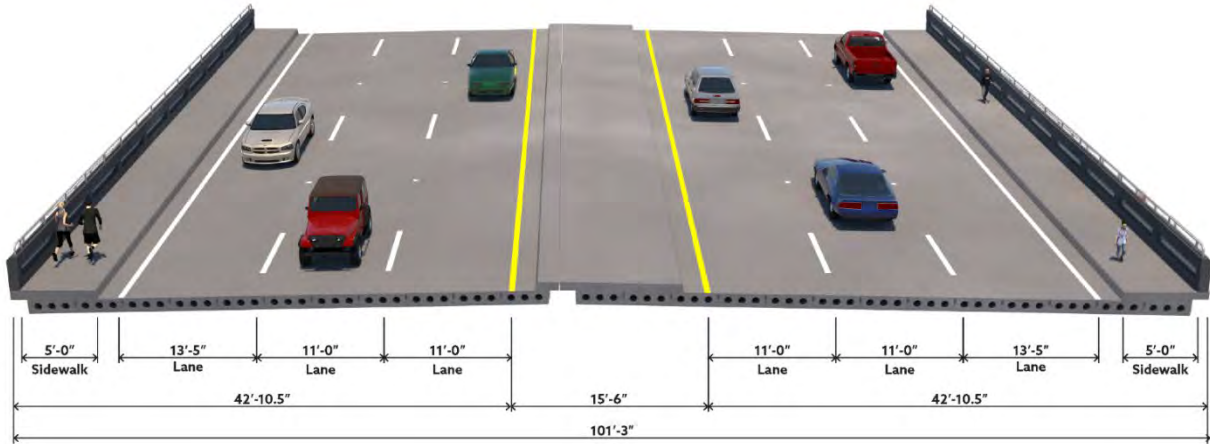


Figure 2.2 Western Pair Existing Bridge Configuration (Bridge ID Numbers 870083 and 870549)

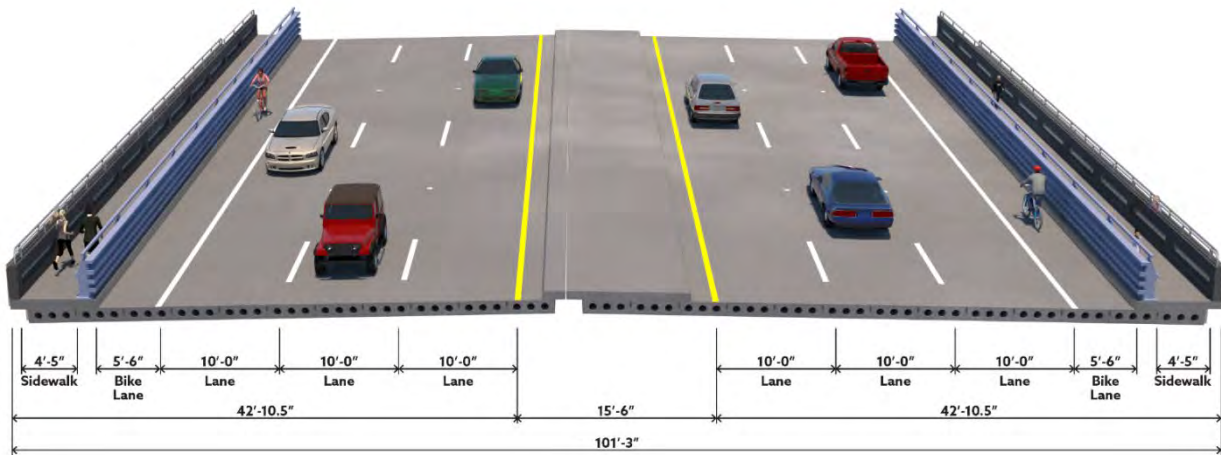


Figure 2.3 Eastern Pair Existing Bridge Configuration (Bridge ID Numbers 870084 and 870550)

2.1 Purpose and Need

2.1.1 Purpose

The purpose of this project is to evaluate bridge replacement alternatives to address the structural deficiencies of four existing bridges (arranged in two locations as parallel bridge pairs) along State Road 934/NE 79th Street (John F. Kennedy Causeway). The project limits extend from Pelican Harbor Drive to Adventure Avenue within the City of Miami and North Bay Village in Miami-Dade County. The western bridge pair, comprised of Bridge Identification (ID) Numbers 870083 (westbound) and 870549 (eastbound), is located just west of North Bay Island/Harbor Island. The eastern bridge pair, comprised of Bridge ID Numbers 870084 (westbound) and 870550 (eastbound), is located between North Bay Island/Harbor Island and Treasure Island. An additional project goal is to maintain emergency evacuation capabilities.

2.1.2 Need

The need for the project is based on the following criteria:

2.1.2.1 Bridge Deficiencies: Address Substandard Structural Elements

The existing bridges were constructed in the early 1970s and have been determined to be Structurally Deficient given the condition of each bridge's superstructure (beams), which is referred to as "Sonovoid" design. Due to the structure type, the number of structural deficiencies, and the low clearance from the water, the bridge superstructures cannot properly be repaired.

Based on FDOT Bridge Inspection Reports prepared in October 2020, each of the four bridges received a Sufficiency Rating of 48.7 (on a scale of 0-100). The Sufficiency Rating is essentially an overall rating of a bridge's fitness to remain in service. A Sufficiency Rating below 50.0 may qualify a bridge for replacement funds.

As part of the inspection process, several structural components were evaluated and assigned a rank or condition based on the NBI system. The ranks/conditions were based on a scale of zero through nine. A rank of zero generally means that the bridge is out of service, beyond corrective action, and in need of replacement; a rank of nine means the bridge is in excellent condition and no deficiencies have been identified. The ranks/conditions for the structural components examined in the reports are as follows:

Bridge ID Numbers 870083 (westbound) and 870549 (eastbound)

- Deck: 4 (Poor)
- Superstructure: 4 (Poor)
- Substructure: 6 (Satisfactory)

Bridge ID Numbers 870084 (westbound) and 870550 (eastbound)

- Deck: 4 (Poor)
- Superstructure: 4 (Poor)
- Substructure: 7 (Good)

2.1.2.2 Safety: Maintain Evacuation and Emergency Response Times

Serving as part of the emergency evacuation route network designated by the Florida Division of Emergency Management (FDEM) and Miami-Dade County, NE 79th Street (including the bridges) plays a critical role in facilitating traffic between the beaches and the mainland of Miami during emergency evacuation periods. The project area is located in Storm Surge Planning Zone B, which is at risk for storm surge for Category 2 and higher storms. There is a need for the bridges to continue meeting emergency evacuation requirements.

3 Preferred Alternative

The PD&E Study evaluated multiple alternatives for addressing the existing bridge conditions. Alternatives evaluated include No-Build, minor and major rehabilitation, and full replacement. In addition, the PD&E Study also evaluated roadway typical section alternatives for improving pedestrian and bicycle facilities. The bridge analysis and roadway typical section evaluation is provided in the Bridge Analysis Report and Preliminary Engineering Report under separate cover.

The preferred alternative for the bridge replacement is Alternative 2B: Replacement (Profile #2). In Alternative 2B, the four existing bridges are to be removed and replaced with two newly constructed bridge structures. The bridge profile for Alternative 2B is raised approximately 3.6 feet, for a maximum elevation of 12.2 feet NAVD and minimum bridge low member elevation of 7.3 feet NAVD. The proposed bridge low member height provides a minimum vertical clearance of 6 feet above the projected Mean High Water (MHW) +1.3 feet NAVD for the bridge design year 2105. Due to the rise in elevation, driveway reconstruction and construction of gravity walls are necessary east and west of the bridge limits. The preferred bridge typical section upgrades the facility to FDOT standards, providing a raised median, six travel lanes (two 10-foot wide inside lanes and one 11-foot wide outside lane), 8-foot 4-inch bicycle lanes, and 6-foot barrier-separated sidewalks in each direction. The total bridge width is 110 feet 10 inches. **Figure 3.1** illustrates the preferred typical section. Alternative 2B fully complies with the minimum FDOT standards and would maximize the design life of the bridges.

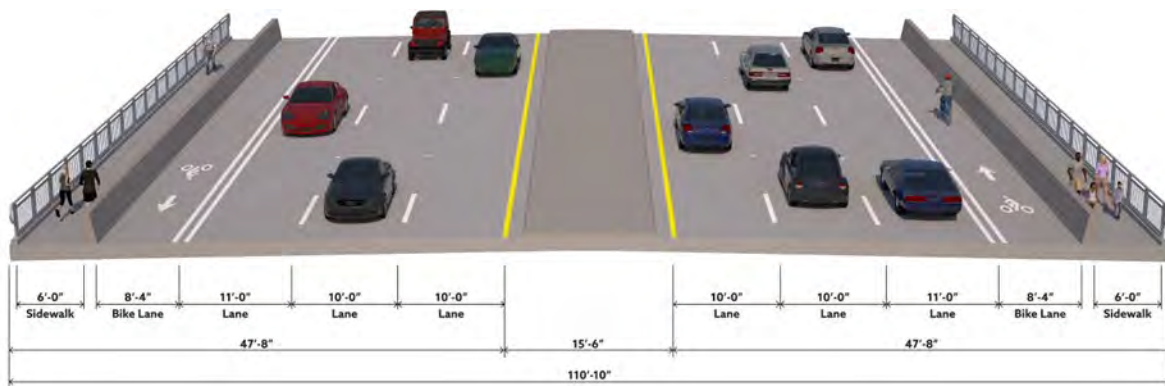


Figure 3.1 | Preferred Bridge Typical Section

The preferred roadway typical section at the bridge approaches and Harbor Island/North Bay Island upgrades the facility to meet current FDOT design criteria, including providing a raised median, six travel lanes (two 10-foot inside lanes and one 11-foot outside lane), buffered bicycle

lanes (7 feet), Type F curb & gutter, and sidewalks (6-foot wide) in each direction, shown in **Figure 3.2**. The proposed roadway segment at Treasure Island transitions from the preferred roadway typical section at the bridge approaches to the existing typical section at the east project limit (4-foot wide bicycle lanes, 5-foot wide sidewalks). The proposed roadway segment west of the west bridge pair, along Pelican Harbor Marina park, is constrained and the preferred roadway typical section provides bicycle lanes (4.25 feet wide), guardrail at the face of curb to shield the canal hazard (Biscayne Bay), and sidewalk (6-foot wide).

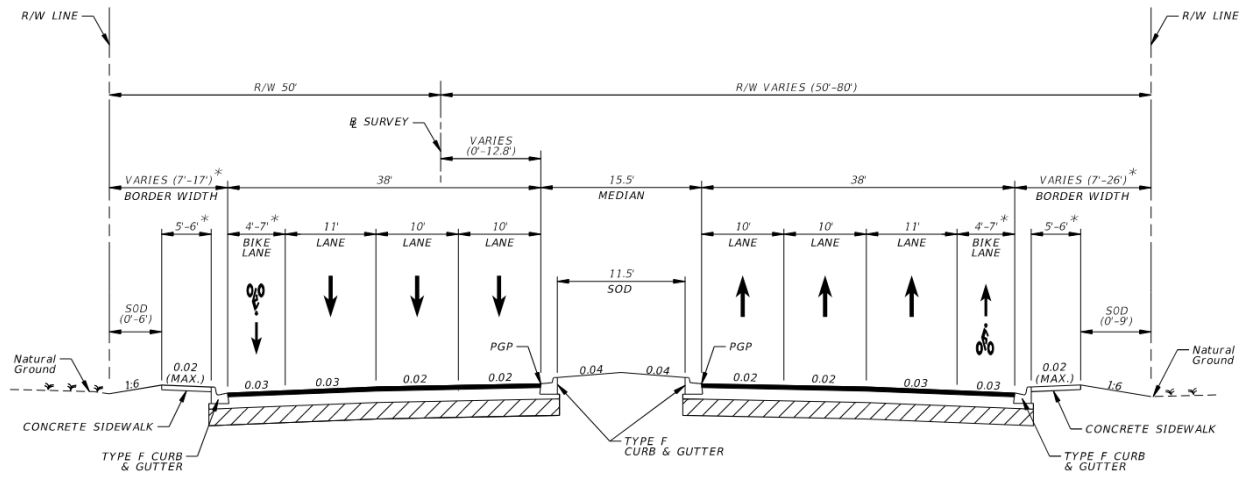


Figure 3.2 | Preferred Roadway Typical Section

4 Methodology

4.1 Approach and Data Gathering

In accordance with FDOT PD&E Manual Part 2 Chapter 20, Effective July 1, 2023, a Contamination Screening Evaluation (Level 1) was conducted to identify and rate potential contamination risks to the proposed project. This report identifies and evaluates known landfills, Comprehensive Environmental Response, Compensation, and Liability Act sites (CERCLA, also known as Superfund), and National Priorities List (NPL) sites within one half-mile of the project corridor. Known sites of petroleum contamination, dry cleaners, and non-petroleum contamination within 500 feet of the project corridor were identified and investigated, as were non-landfill solid waste sites within 1,000 feet of the project corridor. This evaluation includes a review of the following:

- Efficient Transportation Decision Making (ETDM) Summary Report Number 14484;
- FDOT Environmental Screening Tool (EST) contamination data;
- Florida Department of Environmental Protection (FDEP) OCULUS database and Map Direct contamination data;
- US Environmental Protection Agency (USEPA) Resource Conservation and Recovery Act (RCRA) databases;
- Miami-Dade County Open Data Hub Contaminated Site layer and database;
- Field review of project corridor, neighboring properties, and known potential contamination sites;
- Historic aerial image review.

Recommendations regarding contamination concerns are based on reasonably ascertainable information obtained from the data collection activities identified above.

Government Database and Regulatory File Review

Information regarding potentially contaminated sites was obtained through the ETDM system, EST contamination layer, and Florida Geographic Data Library Geographic Information System (GIS) layers as well as the FDEP OCULUS, FDEP Map Direct, Miami-Dade County and USEPA RCRA contamination databases. These data sources include information on biomedical waste sites, brownfield location boundaries, dry cleaners, gasoline stations, hazardous waste sites, NPL and Superfund sites, nuclear site locations, State Underground Petroleum Environmental Response Act (SUPER Act) Risk Sources, solid waste facilities, storage tanks, RCRA facilities, and sites where environmental contamination has been documented in the soil or groundwater.

Field Reviews

Field reviews of the project area were conducted on May 23, 2023. The actual location of the potential contamination and the current occupancy and operations at each site were verified whenever possible. Sites were inspected for the presence of storage tanks, chemical containers, ground-staining, monitoring wells, or other signs of potential contamination.

Risk Ratings

Based on the compilation of data collection activities described above, each site was assigned a risk rating based on the methods in Part 2, Chapter 20 of the *PD&E Manual*. The ratings system expresses the degree of concern for a potential contamination impact to the project via cost and schedule. Each site was assigned a contamination risk rating of No, Low, Medium, or High based on the following criteria:

- 1) No - A review of available information on the property and a review of the design plans indicates there is no potential for contamination to impact the project. It is possible that contaminants had been handled on the property. However, all information (assessment reports, monitoring well abandonments, results of recent soil and groundwater sampling, etc.) indicate that contamination impacts are not expected.
- 2) Low - A review of available information indicates that former or current activities on the property have an ongoing contamination concern, has a hazardous waste generator identification (ID) number, or handles hazardous materials in some capacity. However, based on all available information and current design plans, it is not likely that there would be any contamination impacts related to this project.
- 3) Medium – After a review of all available information, the potential contamination has been identified. This may include known soil and/or groundwater contamination that may not require remediation, is currently being remediated, or that is currently in the monitoring only phase. The complete status of remediation is important to determine what FDOT must do if the property were to be acquired. If there is insufficient reliable information (such as regulatory records or site historical documents) to make a determination as to the potential for contamination, and there is reasonable suspicion that contamination may exist, the property should be rated at least as a “Medium”.

A recommendation should be made for each property in this category based on whether it would be within the proposed project, what additional assessment or remedial actions might be required if the property is acquired, and the possible requirements for additional actions if there is a need to avoid the property.

This ranking is the lowest possible rating a currently operating petroleum fueling, or storage facility can receive in an assessment document, based on its distance to the ROW, contamination type, need for dewatering in the area, etc.

- 4) High - After a review of all available information and current conceptual or design plans, there is a reasonable potential for contamination impacts during construction. Once the Design Alternative has been selected, sites rated with high contamination potential require further assessment to confirm and delineate potential contaminants and to determine if remediation or special construction provisions will be needed during construction. The recommendation for this rating should include a listing of the parameters of concern and media to be assessed, and if known, what construction

activities will occur within or adjacent to the contaminated media. Properties used historically as gasoline stations, and which have not been evaluated or assessed, would likely receive this rating.

5 Land Uses

Land use cover descriptions provided are classified utilizing the *Florida Land Cover Classifications System* (FLUCCS) designations. Previous and existing land uses in the project area were initially determined utilizing US Geological Survey maps, historical images, aerial photographs, and land use mapping from the South Florida Water Management District (SFWMD) (2017-2019). Land use categories in the project area reported by SFWMD were verified in the field. Field reviews generally confirmed the SFWMD land use mapping with no major adjustments or corrections.

The term “project corridor” is used in this document to represent a smaller area that encompasses the existing and proposed SR 934 ROW within the project study limits, representing the footprint of the Preferred Alternative. The term “project area” represents a larger expanse that encompasses the project corridor as well as a buffer of 500 feet from centerline of SR 934.

5.1 Historical Land Use

A review of Google Earth historic aerial imagery from 1995 to the present was performed. Aerial images from the University of Florida Digital Collections Website (<http://ufdc.ufl.edu/aerials/all/table/2>) were also reviewed from 1940 to 1984, aerial imagery for 1960 did not show the project area and was excluded. Aerial images were reviewed for potential contamination concerns, including, but not limited to, mounds, depressions, storage areas, or drastic changes in landscaping or geographic features. Some historical aerial photographs that show the project area are included in **Appendix A** and a brief discussion of the review of historical aerial photographs is provided below. No historic photographs revealed any historic land uses that may result in contamination impacts to the project.

- 1940: No development, only bridges connecting the mainland to Normandy Isles present.
- 1954: North Bay Island and North Bay Village developed, with another development west of North Bay Village present.
- 1968: Pelican Harbor Marina developed, and North Bay Island and North Bay Village fully developed with streets predominantly in their current layouts.
- 1970: No major changes since 1968.
- 1984: No major changes since 1970.
- 1995: Pelican Harbor Marina was slightly expanded, no other major changes.
- 2002: Redevelopment of the area between West Dr and East Drive, north of SR 934 on North Bay Island, is underway.

- 2006: Gas stations are present on North Bay Island north of SR 934 and in North Bay Village south of SR 934.
- 2011: Construction on the condominium complex on North Bay Island, between West Drive and East Drive, is complete.
- 2017 and 2021: Little change is apparent from 2017 to current conditions. The islands are heavily developed with little new construction and no apparent earth moving or indications of undocumented contamination concern.

5.2 Existing Land Use

The predominant land use in the project area is residential and commercial and services, including condominium and vacation rentals, retail strip malls, restaurants, and gas stations. The project area includes North Bay Island, a private gated community. Commercial services, including shopping centers, condominiums, and a gas station are located north of SR 934 along East and West Dr. The southern end of North Bay Island includes a residential neighborhood with single-family homes. Within the eastern portion of the project area, the predominant land use is commercial and services including restaurants, a preschool, a television station, and a gas station. Land use categories in the project area as mapped by SFWMD are shown in **Figure 5.1** and each land use category in the project area is described in Section 5.2. Information on land uses at each potentially contaminated site is addressed in Section 7.

Residential, Medium Density (FLUCCS – 1210)

This category refers to residential areas with a dwelling density of 2 to 5 per acre. This land use type occurs along and immediately south of Northeast 79th Street Parkway on North Bay Island.

Residential High Density, Multiple Dwelling Units (FLUCCS – 1340)

This category refers to a density of six or more dwelling units per acre. This land use category includes multi-story town homes, duplexes, and other high-rise residential structures. This class is found immediately north of John F Kennedy Causeway on North Bay Island.

Commercial and Services (FLUCCS – 1400)

This is an active land use category that includes a broad range of uses and operations providing diverse products and services which often occur in complex mixtures. Subclasses include retail and wholesale, professional, cultural and entertainment, and tourist services, as well as others. These areas are usually located along main transportation routes or at the intersections of secondary transportation corridors. This land use category can be found at the eastern portion of the project located north of N Treasure Drive to the project's eastern terminus.

Recreational, Marinas and Fish Camps (FLUCCS – 1840)

The recreational land use category is used for those whose physical structure indicates that active user-oriented recreation is or could be occurring within the given physical area. This includes golf courses, parks, swimming beaches and shoreline, marinas, fairgrounds, etc. The Marinas and Fish Camps land use is a type of recreational use and is mapped in one location in the study area covering the northern part of Pelican Harbor Park.

Recreational, Parks and Zoos (FLUCCS – 1850)

The recreational land use category is used for those whose physical structure indicates that active user-oriented recreation is or could be occurring within the given physical area. This includes golf courses, parks, swimming beaches and shoreline, marinas, fairgrounds, etc. The Parks and Zoos land use is a type of recreational use and is mapped in one location in the study area covering the southern part of Pelican Harbor Park.

Bays and Estuaries, Embayments Opening Directly to Gulf or Ocean (FLUCCS – 5410)

Embayments are inlets or arms of the sea that extend into the land. Water bodies in this class are those which have a direct connection to the open Gulf of Mexico or the Atlantic Ocean and do not meander great distances up or down the interior of the coast. This land use type is found surrounding all land masses in the project area.

Roads and Highways (FLUCCS – 8140)

This class includes those highways exceeding 100 feet in width, with 4 or more lanes and median strips. The intent of this data layer is to include only the major transportation corridors. This land use type is mapped for NE 79th Street.

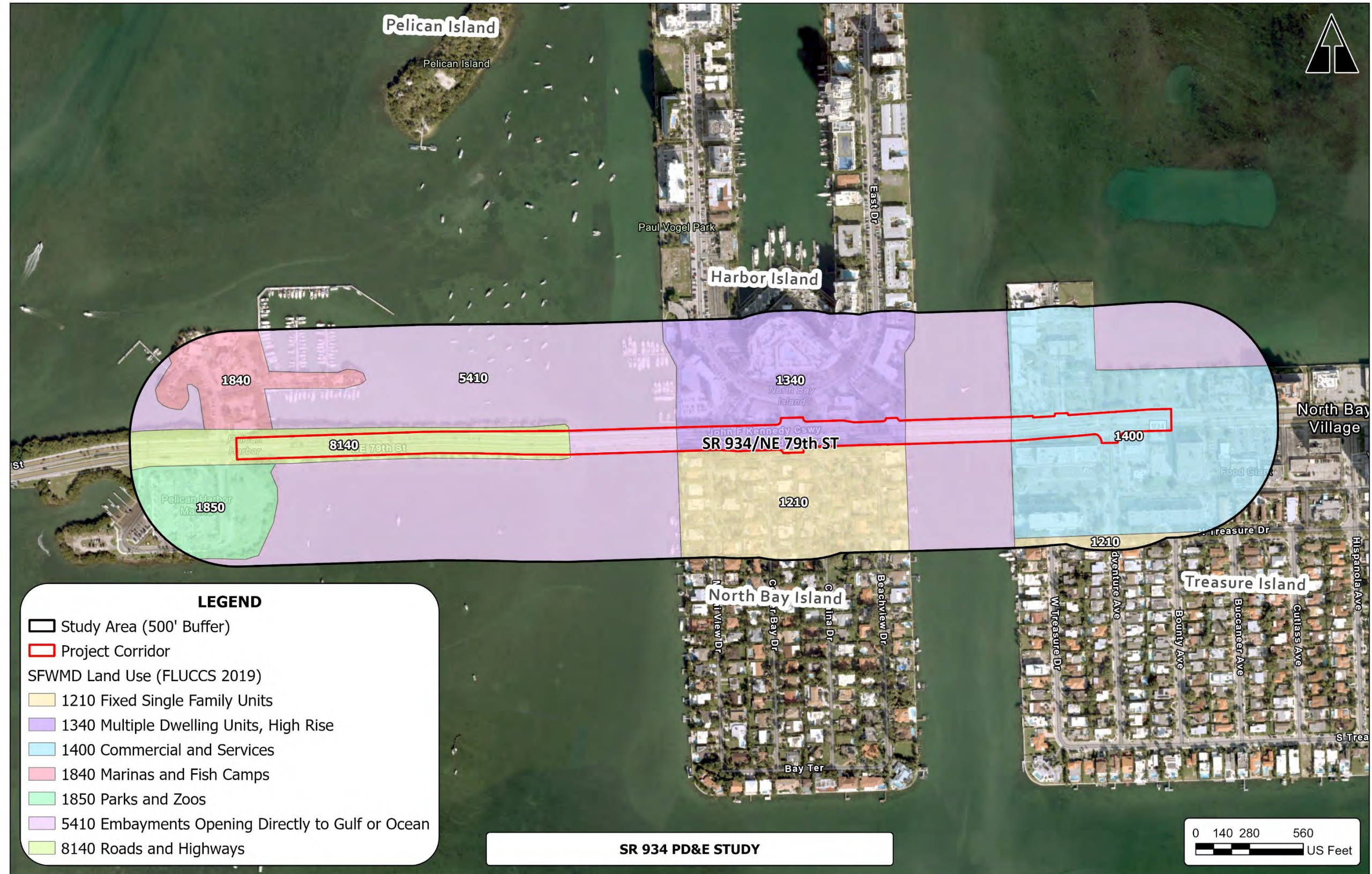


Figure 5.5.1 Land Use in the Project Area

6 Hydrologic Features

This project is located within the SFWMD's Biscayne Bay Basin, also known as the Northern Biscayne Bay watershed. Major hydrologic features mapped by the US Fish and Wildlife Service (USFWS) National Wetlands Inventory (NWI) in the project area are shown in **Figure 6.1**. The only hydrologic features in the project area are estuarine and marine deepwater areas associated with Biscayne Bay, a major bay and estuary system in Miami-Dade County that connects to the Atlantic Ocean. Biscayne Bay is approximately 35 miles long and up to 8 miles wide. The existing bridges drain into Biscayne Bay through scuppers, which introduces potential sources of contamination directly into the Bay along with conveyed stormwater.

The project is not underlain by the Biscayne Sole Source Aquifer, as mapped by the USEPA, and is therefore not located within the cone of influence of any of the MDC Wellfield Protection Areas.

The project area topography is generally flat with a ground elevation ranging between approximately 0 and 8 feet. Elevation is relatively constant throughout the project corridor, with the highest elevations found on the northern end of North Bay Island. **Figure 6.2** shows an elevation map created with data collected by NOAA and the U.S. Department of Commerce in 2007 using Light Detection and Ranging in North American Datum 1983 (NAD 83). According to the Federal Emergency Management Agency (FEMA) Flood Insurance Rate Map (updated September 11, 2009), the entirety of the project area is located within the 100-year floodplain (Zone AE) with varying elevation requirements from 8 to 10 feet.

According to the Natural Resources Conservation Science (NRCS 2017), soils within the project area are limited to Udorthents and Urban Lands soil types. Udorthents soils are identified in the western portion of the project area at Pelican Harbor. Udorthents is common in urban areas and consists of nearly level and gently sloping areas where the original soils have been cut away or covered with a loamy fill material. Urban lands soils are identified in the central and eastern portions of the project area, associated with the heavily developed North Bay Island and Treasure Island. Neither of these soils types are hydric soils.

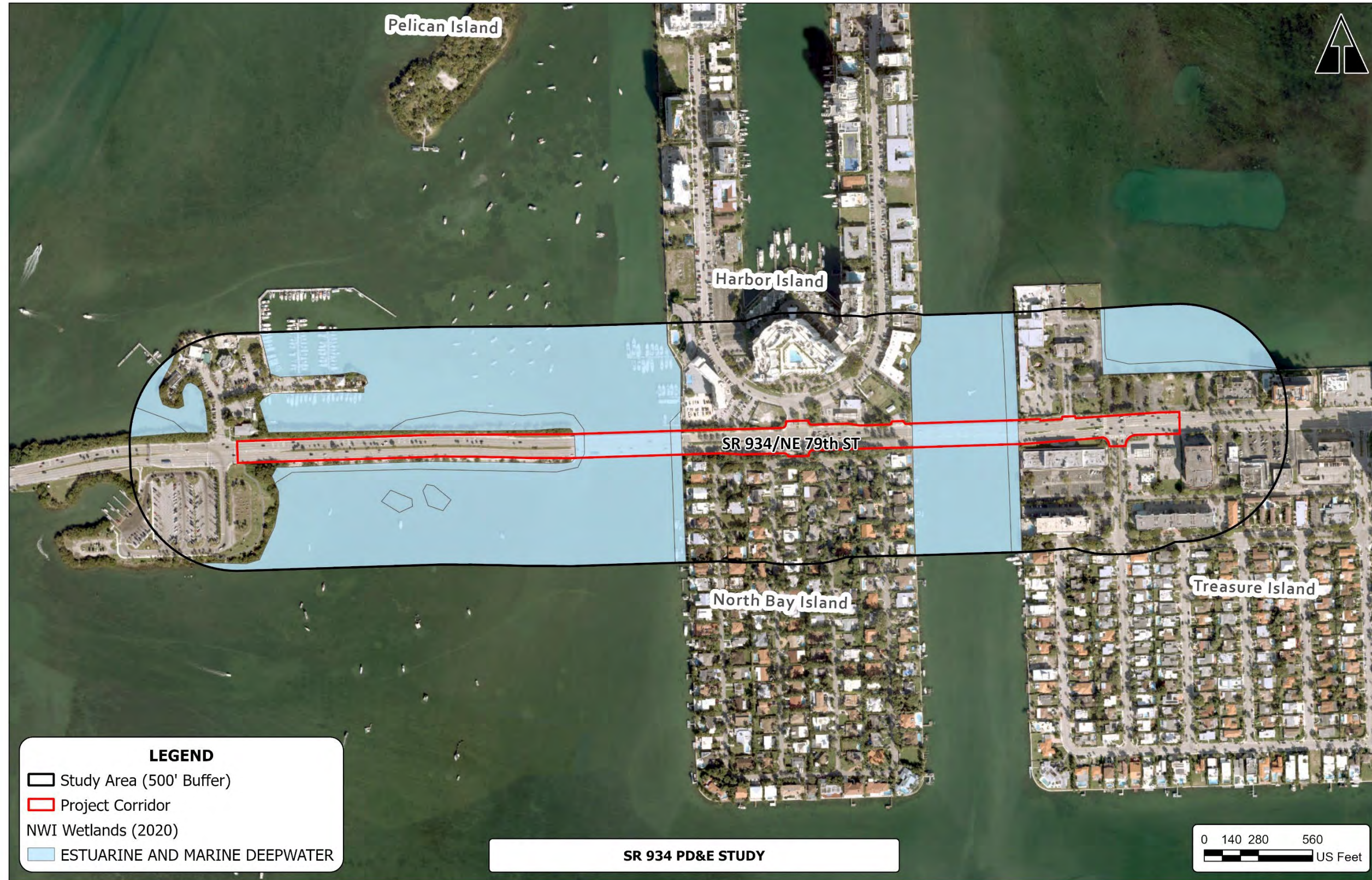


Figure 6.1 Hydrologic Features in the Project Area

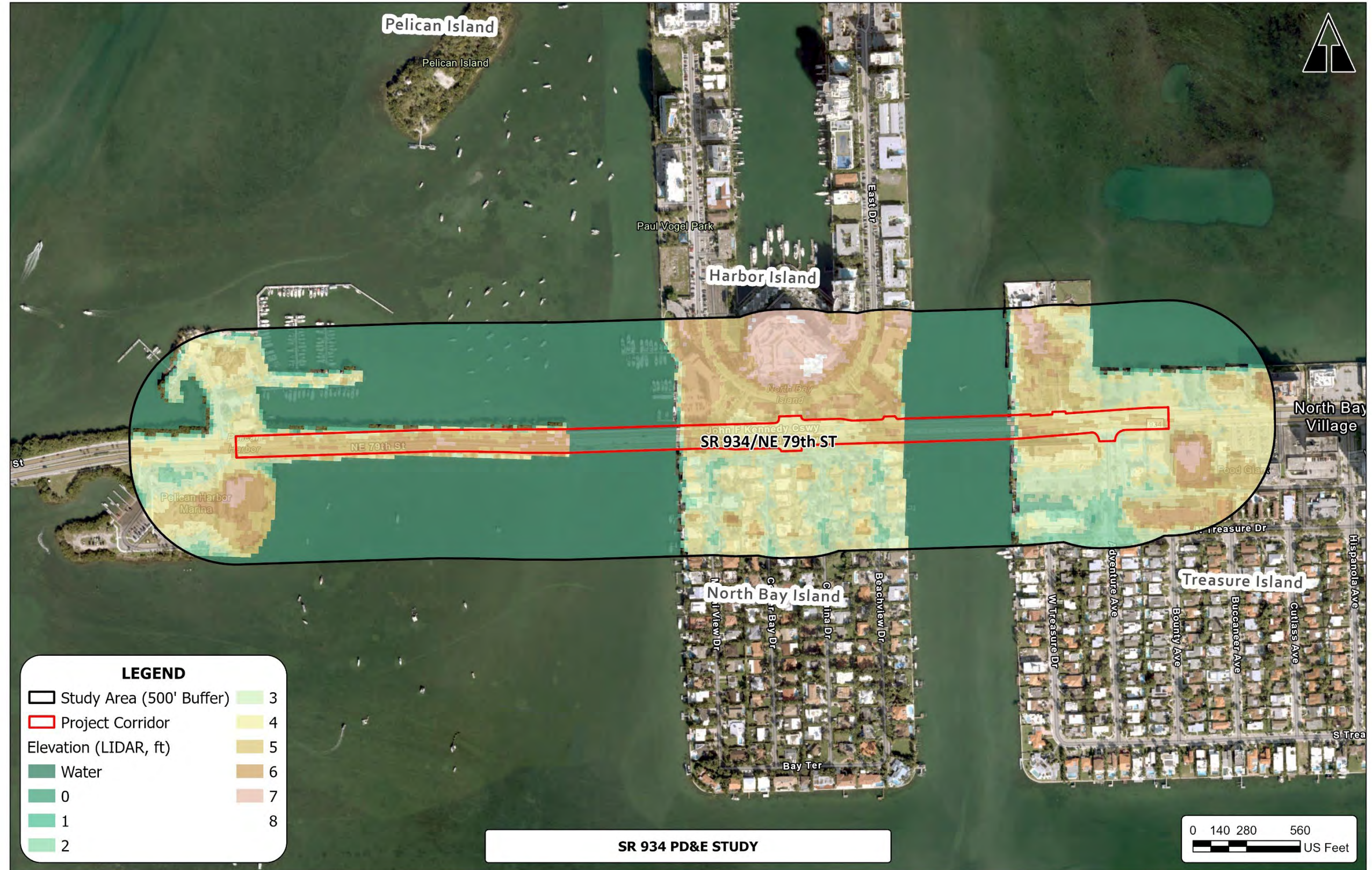


Figure 6.2 Elevation in the Project Area

7 Project Impacts

7.1 Potentially Contaminated Sites

After screening sites in appropriate buffers, a total of seven sites of potential contamination risk were identified. Those include four High Risk, one Medium Risk, and two Low Risk sites (**Table 7.1**). ROW would be acquired from Pelican Harbor Park in a parcel that is rated Medium Risk and ROW would be acquired adjacent to Speedway #6893 that is rated High Risk. No other ROW would be acquired under the Preferred Alternative. Information on each site is summarized in **Table 7.2** and locations are shown in **Figure 7.1**. Individual site descriptions including field observations and a summary of available documentation are provided in the text below. **Appendix B** contains regulatory documents related to each site. Photographs related to sites that were rated as High or Medium Risk are provided in **Appendix C**. Property appraiser cards showing ownership and zoning information for each site are included in **Appendix D**.

Table 7.1 Contamination Risk Rating Summary for Build Alternatives

Risk Rating	Number of Sites	Number of Sites Proposed for ROW Acquisition
Low	2	0
Medium	1	0
High	4	0

Table 7.2 Contaminated Site Information

Site No.	Facility Name	Address	Facility ID (FDEP/RCRA)	Source/Databases	Site Descriptions	Concerns	Approximate Distance from Project	Risk Rating for Build Alts
1	Exxon/Shell – North Bay Village	1345 NE 79 th St Causeway	9103351/8838306	STCM; PCTS	Active Retail Gas Station	Petroleum Products	Adjacent	High
2	North Bay Village City – City Hall	7903 East Dr	9501753; 12023	STCM; PCTS	Government	Petroleum Products	Adjacent	Low
3	Clear Channel Comm WIOD-AM	1415 NE 79 th St	9200817	STCM; PCTS	Discharge of Diesel from emergency generator	Petroleum Products	Approx. 350 ft north of NE 79 th St	High
4	Speedway #6893	1508 79 th St Causeway	8506324; 51133	STCM; PCTS	Historic retail gas station	Petroleum Products	Adjacent	High
5	Former Gas Station/Restaurant	1555 79 th Street	3122, folio 2332090000020	Miami-Dade County Contamination	Potential former gas station with no associated documentation	Database notes it as former gas station/restaurant	Adjacent	High
6	Treasure Isle Care Center	1335 N Treasure Dr	9817260	STCM	Non-retail fuel user	Petroleum Products	Adjacent	Low
7	Pelican Harbor Marina	1275 NE 79 th Street	8504337	STCM; PCTS	Active marina	Petroleum Products	Approx. 280 ft north of NE 79 th St	Medium

STCM – Storage Tank and Petroleum Contamination/Cleanup Monitoring, PCTS – Petroleum Contamination Monitoring, Columns denoted with “-” denotes that no data was available



Figure 7.1 Sites of Contamination Risk

7.1.1 Individual Site Summaries

Site 1: Exxon/Shell North Bay Village

Address: 7903 East Dr, North Bay Village, FL 33141

Facility ID: 8838306; Discharge ID: 12976; DERM ID: 1999090509072186

Database: Storage Tank Contamination Monitoring (STCM); Petroleum Contamination Monitoring (PCTS)
Discharges

Summary: This site currently operates as a retail gas station with a convenience store and car wash. The property is zoned for commercial use and, historically, was used as a retail fuel facility. The site history includes a discharge reporting form from 1988 noting a leak of an unknown contaminant from a CITGO gas station. A document from FDEP includes site plans dated 1991 that show pump islands and a waste oil tank. Multiple site inspections have occurred in the intervening years and monitoring of test wells is ongoing. An Interim Assessment Report dated September 21, 2023, stated soil contaminants were above SCTL, specifically exceedances in benzo(a)pyrene. These soil impacts have not been delineated. No ROW would be acquired from this parcel, but it is adjacent to the Preferred Alternative. Because of a history of contamination that has not been delineated and because it operates as a retail fuel facility, it is assigned a risk rating of **High**.

Site 2: North Bay Village City Hall

Address: 7903 East Dr, North Bay Village, FL 33141

Facility ID: 9501753; Discharge ID: 12023

Database: Storage Tank Contamination Monitoring (STCM); Petroleum Contamination Monitoring (PCTS)
Discharges

Summary: This site is noted by the property appraiser as being vacant, governmental land. The parcel is zoned for commercial use and is under a Municipal tax exemption; the property is owned by North Bay Village. The property does not currently contain any buildings but was associated with the former City Hall for North Bay Village. This site was noted in the STCM and PCTS databases. FDEP files regarding this site's history contain a reference to a discharge reporting form dated January 12, 1995, but no form is on file. The results of groundwater analyses show all contaminants that were tested for were below detection limits in May 1995. A letter from FDEP in 1995 states that contamination on-site is eligible for state-funded remediation assistance. A letter from January 2009 from FDEP notes concurrence with application of No Cleanup Required Status. Because no further cleanup is required, a risk rating of **Low** is applied.

Site 3: Clear Channel Comm WIOD-AM

Address: 1415 NE 79th St North Bay Village, FL 33141

Facility ID: 9200817; Discharge ID: 25977; DERM ID: 1999090507091809

Database: Storage Tank Contamination Monitoring (STCM); Petroleum Contamination Monitoring (PCTS)
Discharges

Summary: This site is currently operating as a radio station located north of SR 934 and is located adjacent to the project, north of SR 934. The property is zoned for commercial use. Files detailing the site history include a storage tank registration form from April 1991. One 3,000-gallon underground storage tank for storing diesel fuel for an emergency generator was installed in 1983. A discharge was reported on February 4, 1988, when product was observed in groundwater via one of the underground storage tank's

monitoring wells. A closure assessment form submitted on December 7, 1998, stated this tank was removed from the site. This tank was replaced by a 1,000-gallon above-ground storage tank on January 1, 1999. An interim assessment report dated March 14, 2016, stated that soil/groundwater sampling was conducted and contaminants of concern (COC) concentrations were greater than FDEP target levels. Specifically, soil samples collected exceeded the CTLs for benzo(a)pyrene and B(a)P Equivalents. Additional assessment and installation of monitoring wells was recommended. An additional site assessment was conducted on September 16, 2016, and all violations were resolved. A Return to Compliance letter was submitted on February 5, 2019, which confirmed this site is in compliance with FDEP rules and regulations. The most recent documentation available is a site access agreement letter stating the discharge on this property is eligible for state funding assistance. Because this site has a history of release of contaminants and no Site Rehabilitation Completion Order, it is assigned a risk rating of **High**.

Site 4: Speedway #6893

Address: 1508 79th St Causeway North Bay Village, FL 33141

Facility ID: 8506324; Discharge ID: 13088; DERM ID: 1999090500125736

Database: Storage Tank Contamination Monitoring (STCM); Petroleum Contamination Monitoring (PCTS)
Discharges

Summary: This site is a Speedway convenience store located south of the project corridor that is zoned for commercial use. A Tank Registration Form from 1989 notes the presence of five underground storage tanks for fuel. This site is an operating retail gas station with storage tanks first installed in 1986. Files on the site history include a Site Manager Summary Report noting discharges in 1991 and 1998, which were eligible for state cleanup funding. According to a Remedial Action Plan (RAP) dated May 10, 1995, petroleum hydrocarbons were discovered during an environmental property assessment which was conducted in 1989. The RAP detailed groundwater and soil contamination remediation along with subsequent groundwater and soil remediation monitoring. A Voluntary Groundwater Monitoring Report dated May 1, 2014, stated groundwater samples were collected and analyzed for benzene, toluene, ethylbenzene, total xylenes and methyl tert-butyl ether (BTEX/MTBE) and ethanol. Remediation activities were recommended, and monitoring continues as part of a Natural Attenuation Monitoring Plan. According to an Interim Assessment Report dated June 4, 2021, arsenic concentrations were above its respective SCTL in all soil samples analyzed, and groundwater samples revealed contaminant concentrations that exceeded their respective GCTLs for TRPH, benzene, cumene, ethylbenzene, naphthalene, 1-methylnaphthalene, 2-methylnaphthalene, and 1,2,4- trimethylbenzene. Because it is a retail fuel facility with a documented history of contamination and ROW acquisition will encroach into the property, this site is assigned a risk rating of **High**.

Site 5: Former Gas Station

Address: 1555 79th Street, North Bay Village, FL 33141

DERM ID: 2012052413430594

Database: Miami-Dade County Contamination

Summary: This site is mapped by Miami-Dade County as a former gas station/restaurant, but it did not appear in other databases. The property is zoned for commercial use. It is currently an undeveloped parcel and is located north of SR 934 near the eastern project terminus. Historic photos show this lot was developed in 1995 and a building was present but does not appear to be a traditional gas station. There

are no obvious fuel islands or dispensers and the building occupies most of the parcel. That building was demolished in 2014. A Soil Sampling Report dated December 6, 2012, identified the presence of the petroleum constituent BaP within surficial soils beneath a portion of the southern parking lot. A Soil Management and Source Removal Plan dated December 2018 detailed the source removal activities conducted at this facility. However, there are no additional reports available confirming the source removal was effective in removing all sources of contamination. Because mapping from Miami-Dade County indicates this site has been used as a retail fuel facility with no Site Rehabilitation Completion Order, it is assigned a risk rating of **High**.

Site 6: Treasure Isle Care Center

Address: 1335 N Treasure Dr North Bay Village, FL 33141

Facility ID: 9817260

Database: Storage Tank Contamination Monitoring (STCM)

Summary: This site is currently operating as a non-retail fuel user located immediately south of SR 934, adjacent to the project area. The property contains a large building built in 1957. There are two above-ground storage tanks of unknown size and unknown contents registered at this site. Because there is no documentation or evidence of the release of contaminants or groundwater contamination and no ROW would be acquired, this site is assigned a risk rating of **Low**.

Site 7: Pelican Harbor Marina

Address: 1275 NE 79th St Miami, FL 33138

Facility ID: 8504337; Discharge ID: 11996

Database: Storage Tank Contamination Monitoring (STCM); Petroleum Contamination Monitoring (PCTS)
Discharges

Summary: This site is a currently operating marina located approximately 280 feet north of SR 934. The parcel is owned by Miami-Dade County Parks and Recreation and is zoned for recreational use. It is part of Pelican Harbor Park and Marina. According to documentation on the FDEP Business Portal, the facility has two underground storage tanks (UST), a double-walled UST containing diesel and a double-walled UST containing unleaded gasoline. The USTs and associated piping provide fuel to the dispensers located along the marina docks. A return to compliance notification was issued on May 2, 2022, by the FDEP in which any previously identified non-compliant items have been corrected. Additionally, the FDEP issued a review of the Spill Bucket Replacement Report submitted by Cherokee Enterprises, Inc for which the results do not indicate the presence of petroleum contamination in excess of FDEP Cleanup Target Levels. Because this site is an active marina and fuel facility it is assigned a risk rating of **Medium**.

8 Conclusion

8.1 Risk Ratings and Future Actions

A total of seven sites of potential contamination risk were identified, including four High Risk, one Medium Risk, and two Low Risk sites. Some ROW would be acquired from Pelican Harbor Park in a parcel that is rated Medium Risk and ROW would be acquired adjacent to Speedway #6893 that is rated High Risk. No other ROW would be acquired under the Preferred Alternative. Level II Contamination Assessment investigations are recommended where new ROW would be acquired or where proposed dewatering or subsurface work (e.g., pole foundations, drainage features, soil excavation, etc.) would occur at or adjacent to any sites rated High or Medium Risk. Through coordination with the District Structures Office, we've confirmed no asbestos surveys have been conducted previously. Testing for Asbestos Containing Materials and Metal Based Coatings of the existing bridges is recommended, as appropriate. If dewatering is necessary during construction, a SFWMD Dewatering Permit will be required. The contractor will be held responsible for ensuring compliance with any necessary dewatering permit(s). A dewatering plan will be necessary to avoid potential contamination plume exacerbation. All permits will be obtained in accordance with Federal, state, and local laws and regulations, and in coordination with the District Contamination Impact Coordinator.

Appendix A: Historic Photographs

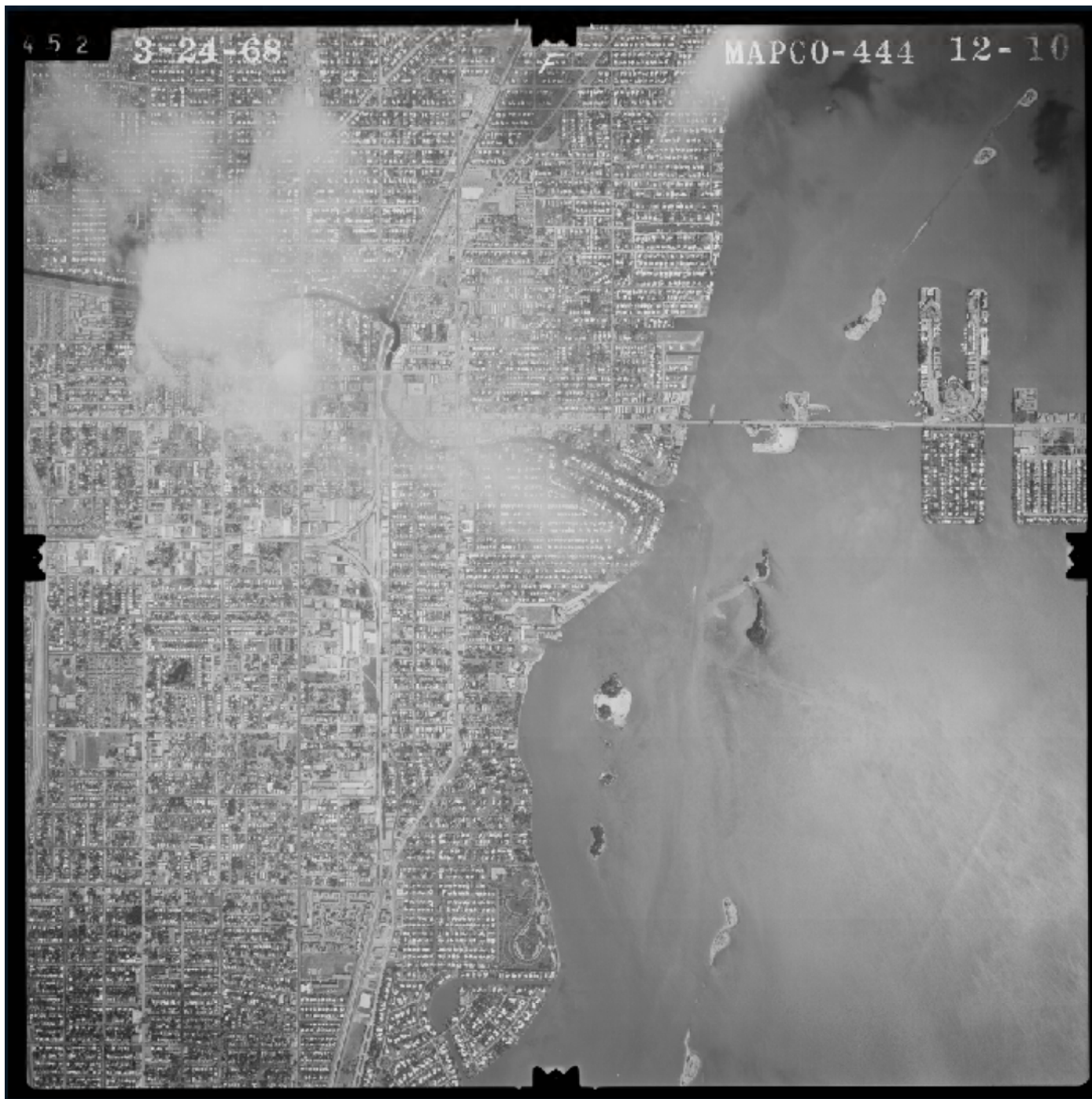
1940



1954



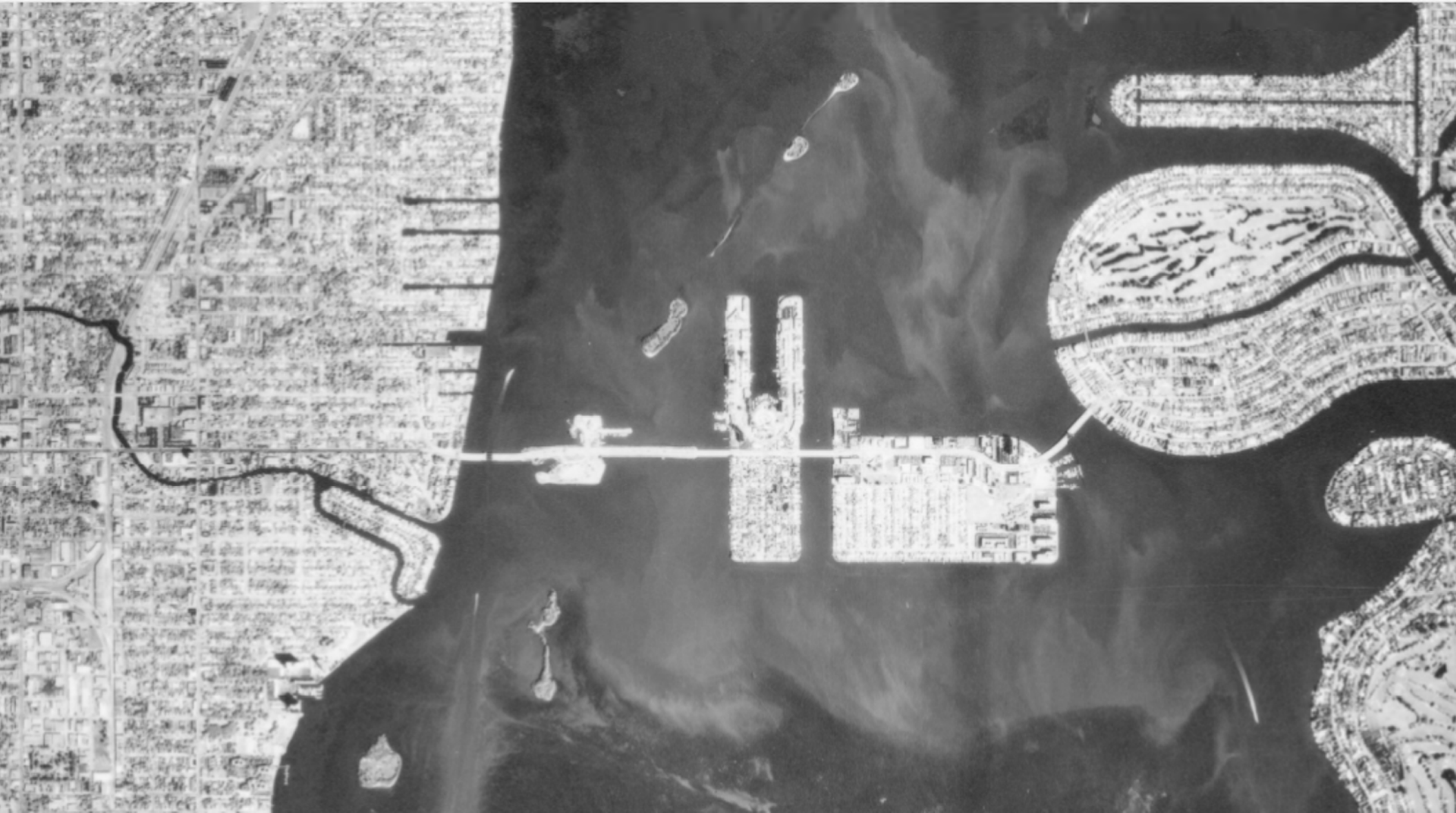
1968



1970

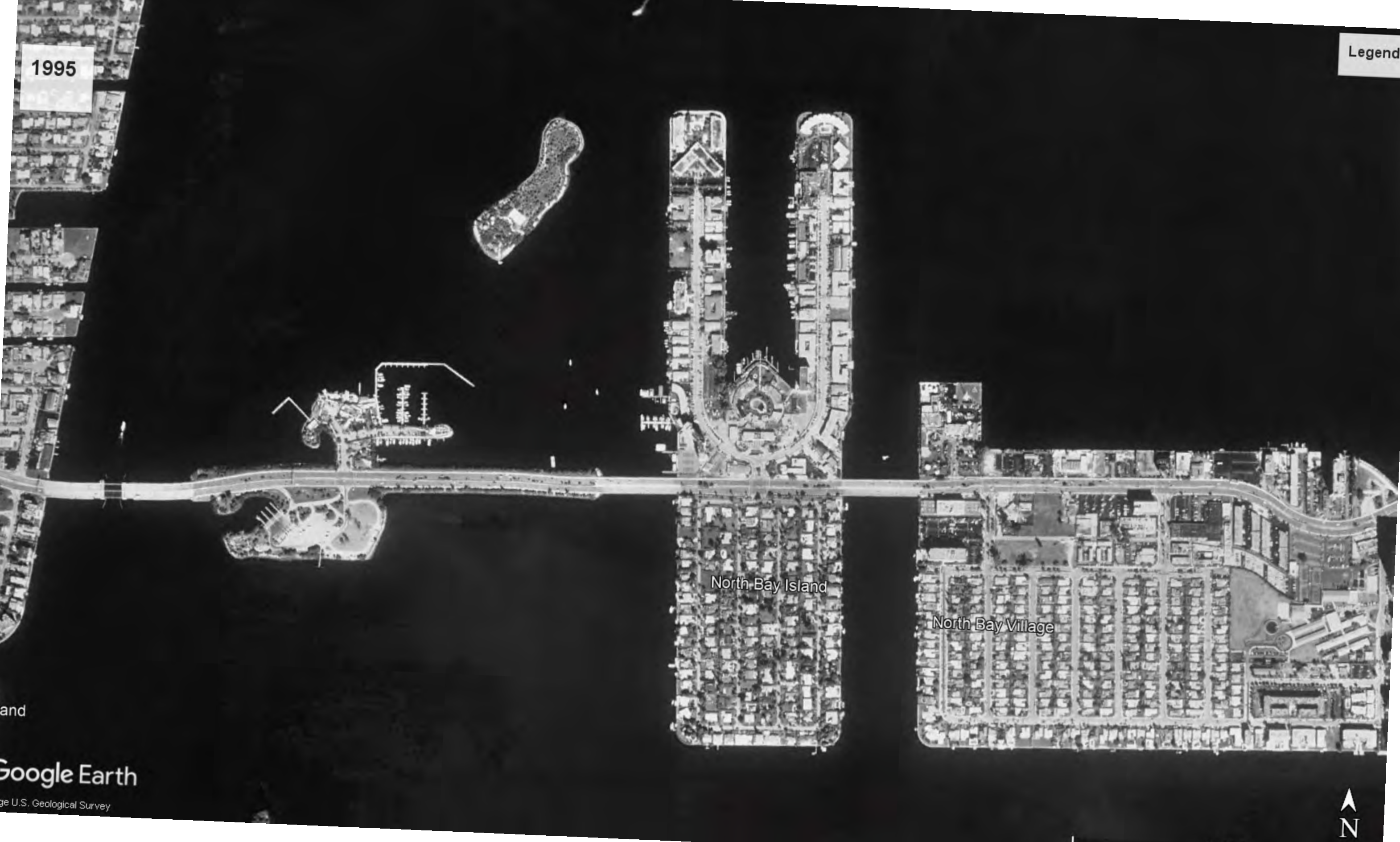


1984



1995

Legend



and

Google Earth

ge U.S. Geological Survey



1995



North Bay Island



2002



North Bay Island

North Bay Village



Legend

2002



Google Earth

Image U.S. Geological Survey



500 ft

2006



North Bay Island

North Bay Village

de Island



Legend

2006



Google Earth

Image U.S. Geological Survey



500 ft

Legend

2011



North Bay Island

North Bay Village



Legend

2011



Google Earth

500 ft



2017



Harbor Island

North Bay Island

Treasure Island



Legend

2017



North Bay Island

600 ft



2021



Harbor Island

North Bay Island

Treasure Island

2021

Legend



Google Earth



Appendix B: Database Records of Sites

Exxon/Shell North Bay Village
Address: 7903 East Dr, North Bay Village, FL 33141
Facility ID: 8838306; Discharge ID: 12976;
DERM ID: 1999090509072186

Field Inspection Summary Form

The Field Inspector's primary role is to observe. Inspectors may not authorize changes in scope of work, offer advice, or interfere in contractor work. Field Inspectors must obtain a copy of the Work Order or Task Assignment (WO or TA) for the scope of work to be observed. The field inspector will review the WO/TA prior to arrival and will have it onsite. If anything is observed that requires immediate attention, the inspector will contact the FDEP Site Manager. This form is a summary of observations made during the site visit. Full details are provided in the inspector's log book. A copy of the inspector's log book pages and any photographs taken for this inspection are attached.

INSPECTOR / TEAM: Stanley Edouard

INSPECTION DATE(S):

12/20/2022

SITE IDENTIFICATION

FAC ID: 138838306
SITE NAME: SHELL-NORTH BAY VILLAGE
ADDRESS: 1345 NE 79TH ST CSWY
CITY: North Bay Village
COUNTY: Miami-Dade
SCORE: 11

DEP SITE MANAGER/ TEAM: RAMIREZ_JA
CURRENT BUSINESS NAME: Shell
FACILITY STATUS:
 Active Fuel Dispensing
 Active, Not Fuel Dispensing
 Closed

WORK ORDER

WO or TA #:

EVENT #:

CONSULTANT

COMPANY NAME:
NUMBER of REPRESENTATIVES:

PROJ. MANAGER:
FIELD LEAD:

SUBCONTRACTOR(S)

COMPANY NAME:

NUMBER of REPRESENTATIVES:

SCOPE OF WORK OBSERVED (details on following pages)

- | | | | | |
|---|--|---|---|--|
| <input type="checkbox"/> Assessment: | <input type="checkbox"/> MW installation | <input type="checkbox"/> Groundwater sampling | <input type="checkbox"/> Soil Boring Installation | <input type="checkbox"/> Soil Sampling |
| <input type="checkbox"/> Remediation: | <input type="checkbox"/> Soil Excavation | <input type="checkbox"/> Remedial Construction | <input type="checkbox"/> VE Well Install | |
| | <input type="checkbox"/> AS Well Install | <input type="checkbox"/> Injection Well Install | <input type="checkbox"/> Recovery Well Install | |
| <input type="checkbox"/> Pilot Testing: | <input type="checkbox"/> In-Situ AS | <input type="checkbox"/> MPE | <input type="checkbox"/> SVE | <input type="checkbox"/> Biosparge |
| | <input type="checkbox"/> GW recovery | <input type="checkbox"/> Bio-Remediation | <input type="checkbox"/> Bio-Venting | <input type="checkbox"/> Other: (Fill Below) |
| <input type="checkbox"/> Post Remedial Monitoring: | | <input type="checkbox"/> Groundwater sampling | <input type="checkbox"/> Soil Sampling | |
| <input type="checkbox"/> Natural Attenuation Monitoring: | | <input type="checkbox"/> Groundwater sampling | <input type="checkbox"/> Monitoring Soil Sampling | |
| <input checked="" type="checkbox"/> Other: | Annual Petroleum Cleanup Site Inspection | | | |

GENERAL ISSUES (If "No" or "N/A" is selected, describe issues in Comments section.)

- | | | | |
|---|---|-----------------------------|---|
| Are digital photos attached to this report? | <input checked="" type="checkbox"/> Yes | <input type="checkbox"/> No | <input type="checkbox"/> N/A |
| Were BPSS guidance and Preapproval SOP procedures followed? | <input type="checkbox"/> Yes | <input type="checkbox"/> No | <input checked="" type="checkbox"/> N/A |
| Did the contractor request that the inspector sign the Health & Safety Plan? | <input type="checkbox"/> Yes | <input type="checkbox"/> No | <input checked="" type="checkbox"/> N/A |
| Did the inspector make contact with the site owner or facility representative? | <input checked="" type="checkbox"/> Yes | <input type="checkbox"/> No | <input type="checkbox"/> N/A |
| Does the site map appear accurate? | <input checked="" type="checkbox"/> Yes | <input type="checkbox"/> No | <input type="checkbox"/> N/A |
| Does the area map appear current (adjacent properties)? | <input checked="" type="checkbox"/> Yes | <input type="checkbox"/> No | <input type="checkbox"/> N/A |

INSTRUMENTS & EQUIPMENT

CONSULTANT INSTRUMENTS/EQUIPMENT USED:
 Oil-Water Probe
 Other N/A
 OVA/PID
 Datalogger
 Multi-Meter
 Turbidity Meter

Instrument calibration onsite observed? Yes No N/A

SUBCONTRACTOR CONSULTANT INSTRUMENTS/EQUIPMENT USED: N/A
Subcontractor Instrument calibration onsite observed? Yes No N/A

Field Inspection Summary Form

ACTIVITIES OBSERVED / COMMENTS:

DATE:	12/20/2022	WEATHER:	79 degrees / partly cloudy
INSPECTOR ON/OFF SITE:	11:37/11:54		
CONTRACTOR ON/OFF SITE:	/	SUBCONTRACTOR ON/OFF SITE:	/
CONTACT WAS MADE WITH:	<input type="checkbox"/> SITE OWNER	<input checked="" type="checkbox"/> FACILITY REPRESENTATIVE	<input type="checkbox"/> OTHER

I arrived on site to perform an annual Petroleum Cleanup Site Inspection. The site operates as a Shell fueling station, convenience store and an automatic carwash facility. The site representative (station attendant) was informed of the nature of this inspection. All compliance/monitoring wells, including MW-9 designated as abandoned, were located as depicted on the attached site map. All observed wells were noted to be in good condition. All other site conditions/features remain unchanged. See attached photos for further description of the site.

Field Inspection Summary Form

SHELL-NORTH BAY VILLAGE
1345 NE 79TH ST CSWY
UT-2112
FDEP: 138838306
Inspection date: 12/20/2022

photo 1/4 - northwest view
MW-6



photo 2/4 - northeast view
tank farm compliance wells



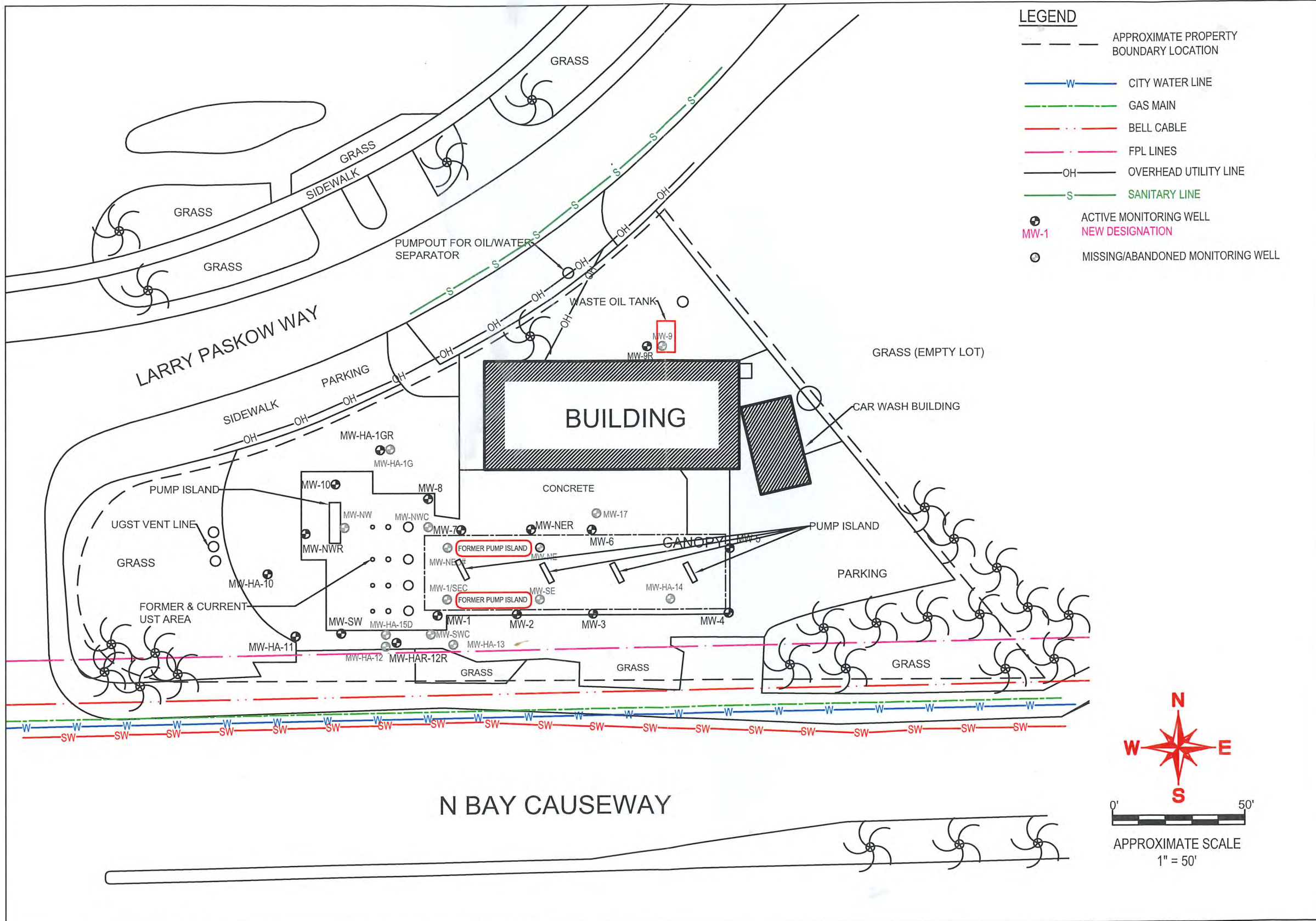
Field Inspection Summary Form

photo 3/4 - southeast view
MW-9 & MW-9R

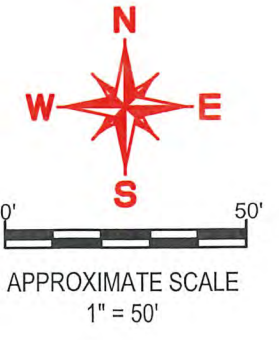


photo 4/4 - top view
MW-9 (existing/viable well)





- LEGEND**
- APPROXIMATE PROPERTY BOUNDARY LOCATION
 - CITY WATER LINE
 - GAS MAIN
 - BELL CABLE
 - FPL LINES
 - OVERHEAD UTILITY LINE
 - SANITARY LINE
 - ACTIVE MONITORING WELL
 - MW-1** NEW DESIGNATION
 - MISSING/ABANDONED MONITORING WELL



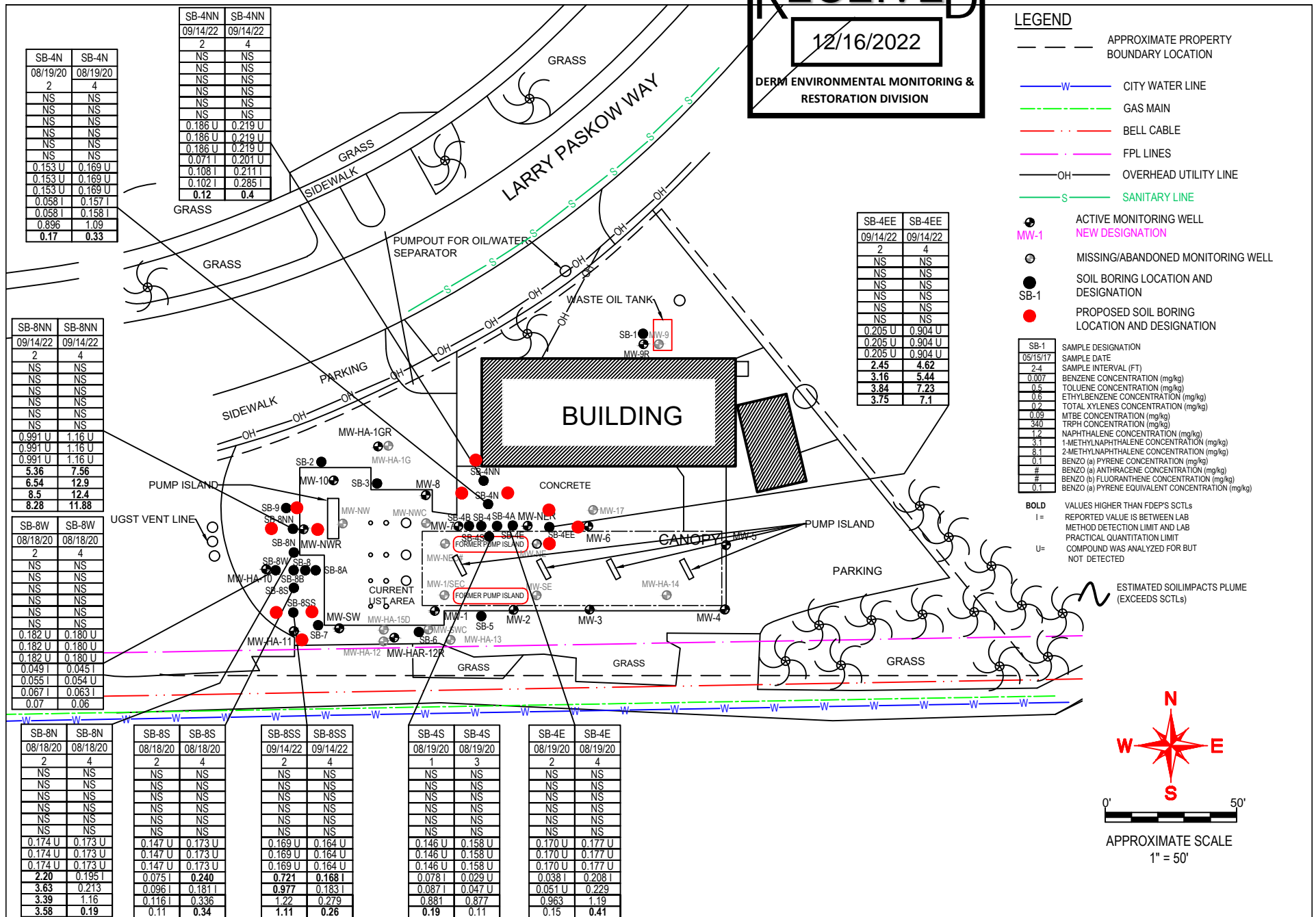
SHELL-NORTH BAY VILLAGE
 1345 NE 79TH ST CSWY
 NORTH BAY VILLAGE, MIAMI-DADE COUNTY, FLORIDA
 FDEP FAC. ID. NO.: 13/8838306

SITE MAP

FIGURE
 1
 PROJECT No.
 M50885

RECEIVED
12/16/2022
DERM ENVIRONMENTAL MONITORING & RESTORATION DIVISION

- LEGEND**
- - - - - APPROXIMATE PROPERTY BOUNDARY LOCATION
 - W — CITY WATER LINE
 - G — GAS MAIN
 - B — BELL CABLE
 - F — FPL LINES
 - OH — OVERHEAD UTILITY LINE
 - S — SANITARY LINE
 - ACTIVE MONITORING WELL
 - NEW DESIGNATION
 - MISSING/ABANDONED MONITORING WELL
 - SOIL BORING LOCATION AND DESIGNATION
 - SB-1 PROPOSED SOIL BORING LOCATION AND DESIGNATION
- | SB-1 | SAMPLE DESIGNATION |
|----------|---|
| 05/15/17 | SAMPLE DATE |
| 2.4 | SAMPLE INTERVAL (FT) |
| 0.007 | BENZENE CONCENTRATION (mg/kg) |
| 0.5 | TOLUENE CONCENTRATION (mg/kg) |
| 0.5 | ETHYLBENZENE CONCENTRATION (mg/kg) |
| 0.2 | TOTAL XYLENES CONCENTRATION (mg/kg) |
| 0.09 | MTBE CONCENTRATION (mg/kg) |
| 340 | TRPH CONCENTRATION (mg/kg) |
| 1.2 | NAPHTHALENE CONCENTRATION (mg/kg) |
| 3.1 | 1-METHYLNAPHTHALENE CONCENTRATION (mg/kg) |
| 8.1 | 2-METHYLNAPHTHALENE CONCENTRATION (mg/kg) |
| 0.1 | BENZO (a) PYRENE CONCENTRATION (mg/kg) |
| # | BENZO (a) ANTHRACENE CONCENTRATION (mg/kg) |
| # | BENZO (b) FLUORANTHENE CONCENTRATION (mg/kg) |
| 0.1 | BENZO (a) PYRENE EQUIVALENT CONCENTRATION (mg/kg) |
- BOLD** = VALUES HIGHER THAN FDEP'S SCTLs
I = REPORTED VALUE IS BETWEEN LAB METHOD DETECTION LIMIT AND LAB PRACTICAL QUANTIFICATION LIMIT
U = COMPOUND WAS ANALYZED FOR BUT NOT DETECTED



SB-4N	SB-4N
08/19/20	08/19/20
2	4
NS	NS
NS	NS
NS	NS
NS	NS
NS	NS
NS	NS
0.153 U	0.169 U
0.153 U	0.169 U
0.153 U	0.169 U
0.058 I	0.157 I
0.058 I	0.158 I
0.896	1.09
0.17	0.33

SB-4NN	SB-4NN
09/14/22	09/14/22
2	4
NS	NS
NS	NS
NS	NS
NS	NS
NS	NS
NS	NS
0.186 U	0.219 U
0.186 U	0.219 U
0.186 U	0.219 U
0.071 I	0.201 U
0.108 I	0.211 I
0.102 I	0.285 I
0.12	0.4

SB-4EE	SB-4EE
09/14/22	09/14/22
2	4
NS	NS
NS	NS
NS	NS
NS	NS
NS	NS
NS	NS
0.205 U	0.904 U
0.205 U	0.904 U
0.205 U	0.904 U
2.45	4.62
3.16	5.44
3.84	7.23
3.75	7.1

SB-8NN	SB-8NN
09/14/22	09/14/22
2	4
NS	NS
NS	NS
NS	NS
NS	NS
NS	NS
NS	NS
0.991 U	1.16 U
0.991 U	1.16 U
5.36	7.56
6.54	12.9
8.5	12.4
8.28	11.88

SB-8W	SB-8W
08/18/20	08/18/20
2	4
NS	NS
NS	NS
NS	NS
NS	NS
NS	NS
NS	NS
NS	NS
0.182 U	0.180 U
0.182 U	0.180 U
0.182 U	0.180 U
0.049 I	0.045 I
0.055 I	0.054 U
0.067 I	0.063 I
0.07	0.06

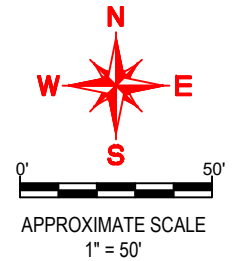
SB-8N	SB-8N
08/18/20	08/18/20
2	4
NS	NS
NS	NS
NS	NS
NS	NS
NS	NS
NS	NS
NS	NS
0.174 U	0.173 U
0.174 U	0.173 U
0.174 U	0.173 U
2.20	0.195 I
3.63	0.213
3.39	1.16
3.58	0.19

SB-8S	SB-8S
08/18/20	08/18/20
2	4
NS	NS
NS	NS
NS	NS
NS	NS
NS	NS
NS	NS
NS	NS
0.147 U	0.173 U
0.147 U	0.173 U
0.147 U	0.173 U
0.075 I	0.240
0.096 I	0.181 I
0.116 I	0.336
0.11	0.34

SB-8SS	SB-8SS
09/14/22	09/14/22
2	4
NS	NS
NS	NS
NS	NS
NS	NS
NS	NS
NS	NS
NS	NS
0.169 U	0.164 U
0.169 U	0.164 U
0.169 U	0.164 U
0.721	0.168 I
0.977	0.183 I
1.22	0.279
1.11	0.26

SB-4S	SB-4S
08/19/20	08/19/20
1	3
NS	NS
NS	NS
NS	NS
NS	NS
NS	NS
NS	NS
NS	NS
0.146 U	0.158 U
0.146 U	0.158 U
0.146 U	0.158 U
0.076 I	0.029 U
0.087 I	0.047 U
1.22	0.877
0.19	0.11

SB-4E	SB-4E
08/19/20	08/19/20
2	4
NS	NS
NS	NS
NS	NS
NS	NS
NS	NS
NS	NS
NS	NS
0.170 U	0.177 U
0.170 U	0.177 U
0.170 U	0.177 U
0.038 I	0.208 I
0.051 U	0.229
0.963	1.19
0.15	0.41



SHELL-NORTH BAY VILLAGE
1345 NE 79TH ST CSWY
NORTH BAY VILLAGE, MIAMI-DADE COUNTY, FLORIDA
FDEP FAC. ID. NO.: 13/8838306

SOIL ANALYTICAL SUMMARY & PROPOSED
SOIL BORING LOCATIONS

FIGURE
1
PROJECT No.
M50885

DOCUMENTATION SUFFICIENCY REVIEW

SUFFICIENT?
Yes **No**

FACILITY INFORMATION

Business/Site Name
 Business/Site Operator
 Business/Site Address
 County
 Business/Site Owner
 Business Telephone
 Mailing Address

SITE CONDITIONS PRIOR TO START OF CLEAN-UP

Map of the facility
 _____ drawn to scale
 _____ detail of:
 _____ tanks
 _____ pipes
 _____ monitoring wells
 _____ location and extent of contamination

Description of system that leaked.
 Date leak was first discovered.
 Date leak was first reported.
 How leak was discovered.
 Estimated quantity of petroleum product lost.
 Measurement of free product depth in well (inches).
 Estimated amount of contaminated soil (cubic yards).
 List and dates of any hydrologic/geotechnical
 data/reports available.
 Any water quality data.

ENFORCEMENT STATUS

_____ *N/A*

Date of receipt of Notice of Violation

CLEAN-UP STATUS (Class I enforcement cases only)

_____ *N/A*

Date contractor was hired or assessment began.
 Date groundwater recovery and treatment initiated.
 Date free product recovery started.
 Date soil removal or treatment started.

REIMBURSEMENT ELIGIBILITY WORKSHEET

ISSUE	Evidence?		DOCUMENT	Document Date	Doc. In File?		REMARKS
	Yes	No			Yes	No	
DEF. ENFORCEMENT							
1) Notice of Violation		✓					Warning Notice and Consent Orders Do Not Apply
2) Court Complaint		✓					
CLEANUP ACTION PRIOR TO 7/1/86?							
1) Site Assessment		✓					Only Required if Enforcement Action Taken
2) Free Product Recovery		✓					
3) Groundwater Restoration		✓					
4) Soil Removal/Treatment		✓					
LETTER OF INTENT							
1) Class I, Prior to 8/1/86		✓					IDI Form or Notice of Discharge May Be Sufficient
2) Class II, Prior to 10/1/87		✓					
SITE ACCESS DENIAL							

ISSUE	Yes No		DOCUMENT	Document Date		Doc. in File?		REMARKS
				Yes	No	Yes	No	
E. GROSS NEGLIGENCE 1. Record Keeping		✓						
2. Monitoring System Checks		✓						
3. 17-61 Schedule		✓						
4. DNR Rule 169-16		✓						
F. OTHER ACTIONS 1. Falsification of Records		✓						
2. Concealed Discharge		✓						
3. Intentional Damage		✓						
G. OTHER CIRCUMSTANCES 1. Waste Oil Spill		✓						
2. Hot Storage Facility		✓						
3. No Contamination		✓						
4. Hot Petroleum or Petroleum Products		✓						
5. Applicant's data inconsistent w/District report		✓						
6. Other								

REVIEWED BY _____



Cherokee

An **IRCO**® INTERNATIONAL RECOVERY CORP. COMPANY

5884 Stirling Road
Hollywood, Florida 33021

Groundwater Consultants, Inc.

Broward: (305) 985-6000

Dade: (305) 947-0140

Fax: (305) 985-6029

RECEIVED

OCT 16 1991

DERM
POLLUTION CONTROL
DIVISION

October 15, 1991

Xiomara Lopez
Metro-Dade Department of
Environmental Resources Management
111 N.W. 1st Street, Suite 1310
Miami, FL 33128-1971

RE: Documentation needed for EDI Re-Application
DER Fac# 13-8838306
79th Street Causeway Citgo
1345 79th Street Causeway
N. Bay Village, Dade County, Florida

Dear Ms. Lopez:

Enclosed please find the documentation requested for the re-application of the above referenced facility to the state EDI program. This information was prepared on 07/09/91 and was forwarded to Lynn B. Lewis acting as representative for Danny's service station for review prior to submittal to your office. Correspondence (attached) from L. Lewis dated 07/10/91 indicated that the application process was being finalized and filed. Consequently no further action was taken by Cherokee based on the assumption that all necessary materials had been received by DERM. Lisa Smith (DERM) indicated to me today that you were still waiting for further documentation.

Please keep me advised of the status of this application. If any additional material is needed to complete your files regarding this matter please contact myself or Gary Allen at the above listing.

Sincerely,

CHEROKEE GROUNDWATER CONSULTANTS, INC.

John H. Bondurant
John H. Bondurant
Chemist III

Enclosure

POOR ORIGINAL

cc: Gary Allen, Cherokee
Joey L. Bemis, Cherokee

LYNN B. LEWIS

A PROFESSIONAL ASSOCIATION
ATTORNEYS AT LAW
SUITE 700, TOWER
1101 BRICKELL AVENUE
MIAMI, FLORIDA 33101

LYNN B. LEWIS

July 10, 1991

TELEPHONE 305-374-0148

TELECOPIER 305-374-7071

BY TELECOPY

John Bondurant, Chemist III
Cherokee Groundwater Consultants, Inc.
5884 Sterling Road
Hollywood, Florida 33021

RE: Danny's Service Station, Inc. - 1345 - 79 Street Causeway,
North Bay Village, Florida 33141.

Dear John:

It seems that Danny's Service Station, Inc.'s application for eligibility under the State of Florida EDI Program is being finalized and filed. You know that Danny's Service Station, Inc. is filing under the State reimbursement provision of the EDI Program and has agreed to the concept of assigning all of its reimbursement rights to Cherokee.

The last time we spoke, you indicated that Cherokee's lawyer was in the process of revising the agreement between the land owner and Cherokee for assignment to Cherokee of the reimbursement rights. Please deliver a copy of this newly drafted agreement to us, at your earliest convenience.

Very truly yours,


Lynn B. Lewis

LBL/af

cc: Danny's Service Station, Inc.



Cherokee

Groundwater Consultants, Inc.

A Subsidiary of  INTERNATIONAL RECOVERY CORPORATION

5884 Stirling Road
Hollywood, Florida 33021

Broward: (305) 985-6000
Dade: (305) 947-0140
Fax: (305) 985-6028

July 9, 1991

Xiomara Lopez
Metro-Dade Department of Environmental
Resources Management
111 N.W. 1st Street, Suite 1310
Miami, Florida 33128

RE: Documentation needed for EDI Re-application
DER Fac.# 13-8838306
79th Street Causeway Citgo (DSOT-0948A) ->
1345 79th Street Causeway
N. Bay Village, Dade County, Florida

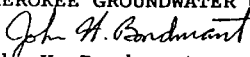
Dear Ms. Lopez:

Enclosed is the documentation requested for the re-application of the above referenced facility to the state EDI program. The cause of the contamination is believed to be from the lack of overspill/overfill protection which was discovered during an EDI compliance inspection conducted on 10/24/90 by Cherokee personnel. Subsequent tank tightness tests revealed a leak in the super unleaded tank. The leak was repaired on 10/29/90 and the tank was re-tested on 1/29/91 and passed. Copies of the tank tightness tests were forwarded to Paul Voight (DERM) on 5/16/91. The site was monitored on 6/27/91 and no free product was observed in any of the monitor wells.

If you have any questions or require additional information, please feel free to contact me at the above listing.

Sincerely,

CHEROKEE GROUNDWATER CONSULTANTS, INC.


John H. Bondurant
Chemist

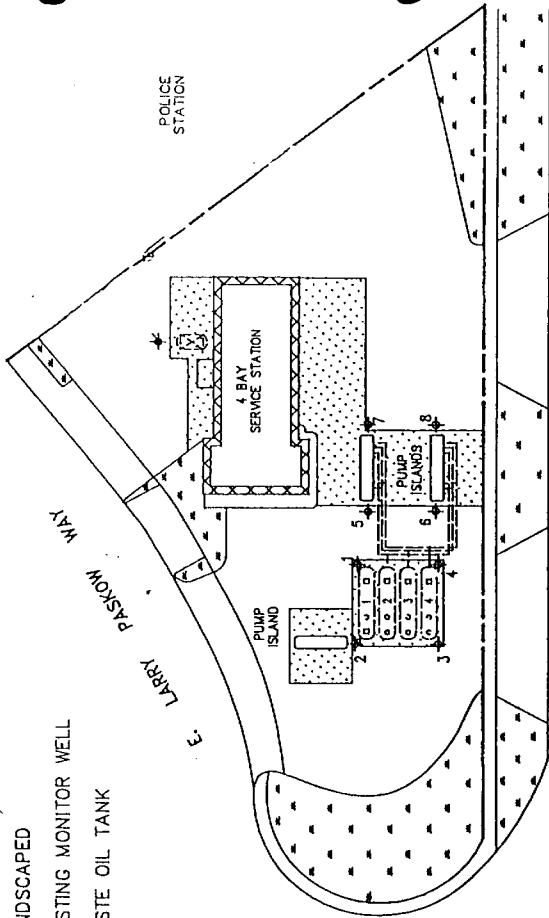
enclosure

cc: Lynn B. Lewis, Danny's Service Station
Thomas C. Hughes, Cherokee

LEGEND

- PROPERTY LINE
- ▭ ASPHALT
- ▭ CONCRETE
- ▭ LANDSCAPED
- ⊕ EXISTING MONITOR WELL
- ⊕ WASTE OIL TANK

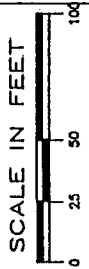
SITE SKETCH



79TH STREET CAUSEWAY

JOB NUMBER:
PSOT-0948A

FIGURE:



Cherokee
GROUNDWATER
CONSULTANTS, INC.

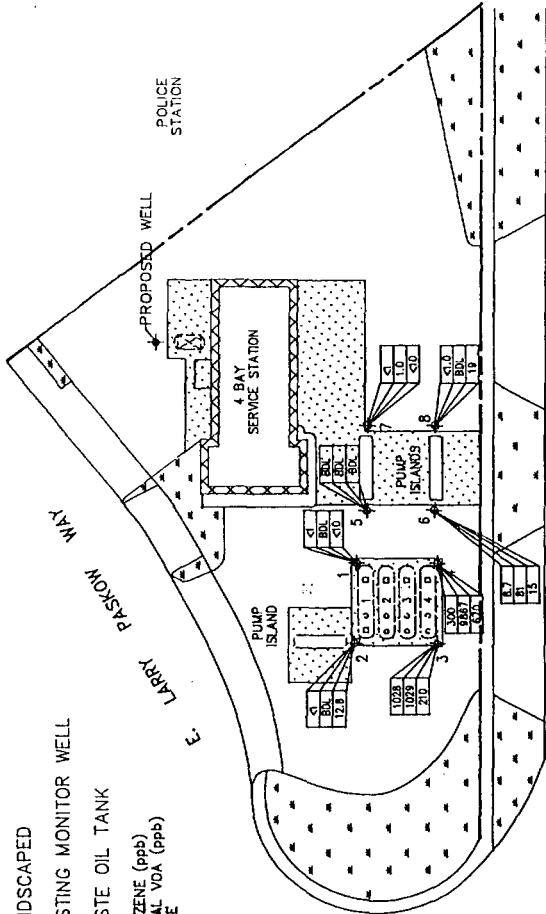
STATION NUMBER: N/A
DATE DRAWN: 6-11-91
DRAWN BY: M.M.

CITGO SERVICE STATION
1345 79TH STREET
NORTH BAY VILLAGE
DADE COUNTY, FLORIDA



LEGEND

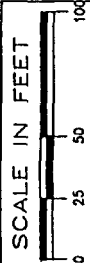
- PROPERTY LINE
- ▭ ASPHALT
- ▭ CONCRETE
- ▭ LANDSCAPED
- ⊕ EXISTING MONITOR WELL
- ⊕ PROPOSED WELL
- ⊕ WASTE OIL TANK
- | | |
|-----------------|-----|
| BENZENE (ppb) | 0.0 |
| TOTAL VOA (ppb) | 0.0 |
| MTBE | 0.0 |



DISSOLVED HYDROCARBON DISTRIBUTION MAP

JOB NUMBER:
PSOT-0948A

FIGURE:



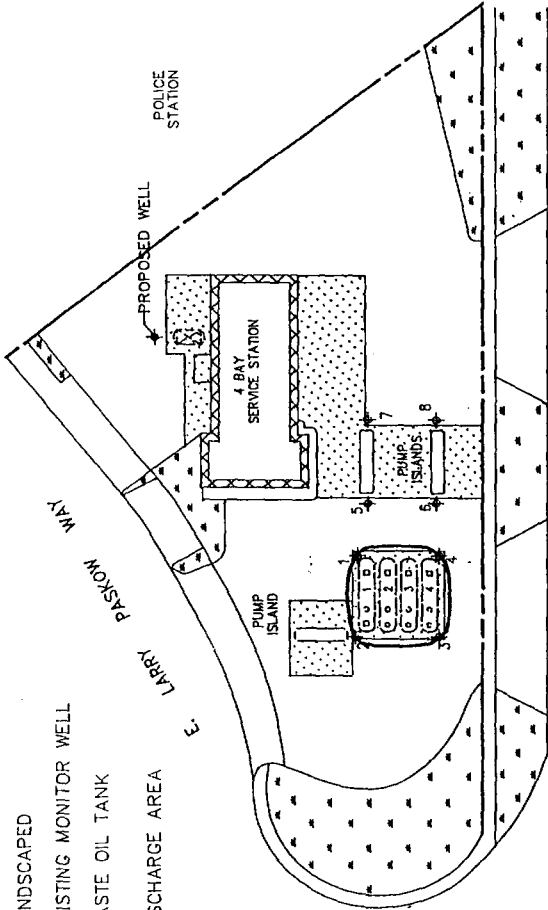
Cherokee
GROUNDWATER
CONSULTANTS, INC.

STATION NUMBER: N/A
DATE DRAWN: 6-11-91
DRAWN BY: M.M.

CITGO SERVICE STATION
1345 79TH STREET
NORTH BAY VILLAGE
DADE COUNTY, FLORIDA

LEGEND

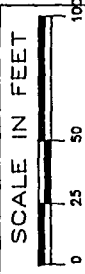
- PROPERTY LINE
- ASPHALT
- CONCRETE
- LANDSCAPED
- EXISTING MONITOR WELL
- WASTE OIL TANK
- DISCHARGE AREA



DISCHARGE AREA

JOB NUMBER:
PSOT-0948A

FIGURE:



Cherokee
GROUNDWATER
CONSULTANTS, INC.

STATION NUMBER: N/A
DATE DRAWN: 6-26-91
DRAWN BY: M.M.

CITGO SERVICE STATION
1345 79TH STREET
NORTH BAY VILLAGE
DADE COUNTY, FLORIDA

79TH STREET CAUSEWAY

HRS Certification No.: 84340
 HRS Environmental No.: E84217

Purgeable Halocarbons
 EPA METHOD 601

Client: EE&G

Sample ID: MW #1 North Bay Village

Sample by: P.M. Stout

Lab #: 10-116

Sample date/time: 10/18/90
 1300

Date/time rec'd: 10/19/90 0815

Today's date: 10/22/90

Parameters

Results (ug/L)

Dichlorodifluoromethane	<1
Chloromethane	<1
Vinyl Chloride	<1
Bromomethane	<1
Chloroethane	<1
Trichlorofluoromethane	<1
1,1-Dichloroethylene	<1
Methylene Chloride	<1
Trans-1,2-Dichloroethylene	<1
1,1-Dichloroethane	<1
Chloroform	<1
1,1,1-Trichloroethane	<1
Carbon Tetrachloride	<1
1,2-Dichloropropane	<1
Trichloroethylene	<1
Bromodichloromethane	<1
2-Chloroethyl Vinyl Ether	<1
Cis-1,3-Dichloropropylene	<1
Trans-1,3-Dichloropropylene	<1
1,1,2-Trichloroethane	<1
Tetrachloroethylene	<1
Chlorodibromomethane	<1
Chlorobenzene	<1
Bromoform	<1
1,1,2,2-Tetrachloroethane	<1
1,3-Dichlorobenzene	<1
1,4-Dichlorobenzene	<1
1,2-Dichlorobenzene	<1

Reviewed by: P.M. Stout PDP/C

Date: 10/22/90

Geos Inc.
 5996A Breckenridge Parkway
 Tampa, Florida 33610
 (813) 878-0101

10-23-90 09:10

305 669 1685 GABLES BUSINESS

094 P02

PAGE 03

MINI-DTAFAX

FAX

Geological, Environmental, and Oceanographic Sciences

Water
Soil
Air
Analysis and Consulting

LABORATORY REPORT

Geos Inc.

HRS Certification No.: 84340

HRS Environmental No.: E84217

Purgeable Aromatics
EPA METHOD 602

POOR ORIGINAL

Client: FE&O

Sample ID: MW #1 North Bay Village

Sample by: P.M. Stout

Lab #: 10-116

Sample date/time: 10/18/90
1300

Date/time rec'd: 10/19/90 0815

Today's date: 10/22/90

Parameters

Results (ug/L)

Benzene	<1
Toluene	<1
Chlorobenzene	<1
Ethylbenzene	<1
1,3-Dichlorobenzene	<1
1,4-Dichlorobenzene	<1
1,2-Dichlorobenzene	<1
Total Xylenes	<2
Methyl Tert Butyl Ether (MTBE)	12.8

EPA Method 239.2

Dissolved Lead (mg/L)

0.062

Reviewed by: P.M. Stout P.D.P.C.

Date: 10/22/90

LABORATORY REPORT

Geos Inc.

HRS Certification No.: 84340
HRS Environmental No.: E84217

Purgeable Aromatics
EPA METHOD 602

Client: EE&G

Sample ID: MW #2 North Bay Village

Sample by: P.M. Stout

Lab #: 10-117

Sample date/time: 10/18/90
1316

Date/time rec'd: 10/19/90 0815

Today's date: 10/22/90

Parameters

Results (ug/L)

Benzene	1,028
Toluene	29
Chlorobenzene	<20
Ethylbenzene	383
1,3-Dichlorobenzene	<20
1,4-Dichlorobenzene	<20
1,2-Dichlorobenzene	<20
Total Xylenes	189
Methyl Tert Butyl Ether (MTBE)	210

EPA Method 239.2

Dissolved Lead (mg/L)

0.027

Reviewed by:

P.M. Stout P.D./P.C.

Date:

10/22/90

LABORATORY REPORT

Geos Inc.HRS Certification No.: 84340
HRS Environmental No.: E84217Purgeable Aromatics
EPA METHOD 602

Client: EE&G

Sample ID: MW #3 North Bay Village

Sample by: P.M. Stout

Lab #: 10-110

Sample date/time: 10/18/90
1300

Date/time rec'd: 10/19/90 0815

Today's date: 10/22/90

ParametersResults (ug/L)

Benzene	300
Toluene	353
Chlorobenzene	<50
Ethylbenzene	857
1,3-Dichlorobenzene	<50
1,4-Dichlorobenzene	<50
1,2-Dichlorobenzene	<50
Total Xylenes	8,357
Methyl Tert Butyl Ether (MTBE)	67J

EPA Method 239.2

Dissolved Lead (mg/L)

<0.005

J = Estimated Value

Reviewed by:

P.M. Stout PMP/PG

Date:

10/22/90



September 21, 2023

Mr. Jorge Ramirez
Environmental Assessment Section
Division of Environmental Resources Management (DERM)
Department of Regulatory and Economic Resources (RER)
Miami-Dade County
701 NW 1st Court, 4th Floor,
Miami, Florida 33136-3912
Via Email: Jorge.Ramirez2@miamidade.gov

**Re: TASK 2 INTERIM ASSESSMENT REPORT (IAR)
SHELL – NORTH BAY VILLAGE
1345 NE 79TH STREET CAUSEWAY
NORTH BAY VILLAGE, DADE COUNTY, FL
DERM UT-2112, FDEP Facility No. 13/8838306
PO #C03B0E
DISCHARGE DATE: 11/14/88 (EDI-11)
MAS Project #: M50885.02**

Dear Mr. Ramirez:

MAS Environmental LLC (MAS) is pleased to provide you with the following Task Two (2) Interim Assessment Report (IAR) for your review. A Site Map is presented as **Figure 1**.

SITE AND DISCHARGE HISTORY

The Shell-North Bay Village property is currently used as a gas station and convenience store, with a touchless car wash located east of the convenience store. The site currently contains four (4) 10,000-gallon capacity underground storage tanks (USTs) ethanol E10 and diesel listed in service. The tanks were reportedly installed in 1994.

Previously, the site contained four (4) 6,000-gallon capacity USTs containing leaded and unleaded gas. The tank installation date was unknown, and they were removed in 1994. According to a 1992 Contamination Assessment Report submitted by Hydrologic Associates USA, Inc., a 550-gallon waste oil UST was located along the northern portion of the station. In addition, the report indicates the property has been used as a gas station since at least the 1950s.

A Discharge Notification Form (DNF) was submitted in December 1988 as the result of laboratory analyses. The type of product and the cause of the discharge were unknown. The discharge was accepted into the FDEP's Early Detection Incentive (EDI) program.

The CAR submitted by Hydrologic Associates USA, Inc., stated that initial remedial action (IRA) took place in October 1990. IRA activities included the excavation and removal of approximately 48 tons of petroleum contaminated soils. During the 1992 contamination assessment, soil borings, monitoring well installations, soil and groundwater sampling activities were performed. According to the report, some low levels of soil contamination existed near the southwestern corner of the UST area. The groundwater contamination was noted to be emanating from the southwest corner of the UST area, extending in an east-northeast direction. Two areas of groundwater contamination were identified, one was along the southern side of the UST tank pit area and the second was along the northeast corner of the pump island. Supplemental information was submitted by Hydrologic Associates USA Inc in September 1992 and February 1993, recommending monitoring only. The CAR with supplemental information was approved in March 1993, however, the monitoring only recommendation was not agreed upon and a limited scope remedial action plan (LSRAP) was requested.

A Remedial Action Plan (RAP) was prepared and submitted by Hydrologic Associates USA, Inc., in June 1993. According to the report, a Monitoring Only RAP was recommended. The MOP recommendation was approved in July 1993.

Monitoring only was performed between September 1993 and September 1994. The last report was approved by DERM in January 1995. An amended MOP was submitted in October 1994 and approved in February 1995.

No further work was performed until an Interim Assessment Report (IAR) was submitted by MAS Environmental LLC (MAS) in June 2019. According to the report, MAS installed monitoring wells at the former locations of MW-9 (waste oil), MW-HA-12, MWNE, MW-NW, and MW-HA-1GR. Groundwater analyses of these wells, along with existing monitoring wells, MW-1, MW-2, MW-3, MW-4, MW-6, MW-8, MW-10, MW-HA-10, MW-HA-11, MW-SW, and MW-NER, did not indicate the presence of petroleum contamination in excess of their respective groundwater cleanup target levels (GCTLs).

An IAR was submitted by MAS in October 2019. According to the report, nine (9) soil borings were advanced and a total of eleven (11) soil samples were collected for laboratory analyses. One soil sample, SB-4 at 1-2 feet contained soil exceedances of benzo(a)pyrene and benzo(a)pyrene equivalent. MAS recommended performing a confirmatory soil sample at soil boring locations, SB-4 and SB-8. The IAR and recommendation for additional soil sampling were approved in October 2019.

An IAR was submitted by MAS in December 2019. According to the report, four (4) soil borings were advanced and a total of four (4) soil samples were collected for laboratory analyses. Two of the soil samples, SB-4A at 1.5 to 2 feet and SB-8B from 1.5 to 2 feet contained soil exceedances of benzo(a)pyrene and benzo(a)pyrene equivalent. MAS recommended additional soil borings to delineate the benzo(a)pyrene and benzo(a)pyrene equivalent exceedances. The IAR was approved in December 2019. A Template Site Assessment Report (TSAR) was prepared and submitted by MAS in February 2020 which detailed the IAR activities.

An IAR was submitted by MAS in September 2020. According to the report, six (6) soil borings were advanced and a total of twelve (12) soil samples were collected for laboratory analyses. According to the laboratory results, the soil samples collected from SB-8S, SB-8N, SB-4S, SB-4E, and SB-4N indicated the presence of contaminants in excess of their respective soil cleanup target levels (SCTLs). In addition, groundwater samples were collected from seventeen (17) monitoring wells, MW-1 through MW-8, MW-10, MW-HA-10, MW-SW, MW-9R, MW-HA-11, MW-NER, MW-HA-16R, MW-NWR, and MW-HA-12R. According to the laboratory results, the groundwater sample collected from MW-NER contained MTBE in excess of its GCTL. MAS recommended further soil delineation in the areas to the north of SB-4N, east of SB-4S, and south of SB-8S. MAS also recommended the resampling of monitoring well, MW-NER for the presence of BTEX and MTBE only. A Response to Comments was submitted by MAS in October 2020, which due to funding issues, removed the recommendation for soil borings. The report with additional comments was approved in November 2020.

A Supplemental Site Assessment Report was submitted by MAS on February 24 2021. According to the report, MAS recommended further soil delineation to the north of SB-4N and to the east of SB-4E. MAS also recommended further soil delineation to the south of SB-8S and to the north of SB-8N.

On July 5, 2022, the FDEP issued the PO #C03B0E, for additional soil assessment.

An IAR was submitted by MAS on October 05, 2022. According to the report four (4) soil borings, designated SB-4EE, SB-4NN, SB-8NN, and SB-8SS. Each of these soil borings was completed to a total depth of 4 ft bls using a hand auger. Soil samples were collected from each boring hole and screened with an Organic Vapor Analyzer (OVA) at one-foot intervals. Following the soil screening activities, eight (8) soil samples were collected for laboratory analyses as follows: SB-4EE at 2', SB-4EE at 4', SB-4NN at 2', SB-4NN at 4', SB-8NN at 2', SB-8NN at 4', SB-8SS at 2', and SB-8SS at 4'. Each of the eight (8) soil samples were analyzed for PAHs via the EPA Method 8270. The OVA results were all less than 10 parts per million (ppm). Based on the soil results, additional soil impacts were identified and have not been delineated. MAS recommended additional soil sampling prior to submitting the Task 3 Supplemental Site Assessment Report.

On August 21st, 2023, MAS conducted additional delineation soil sampling at SB-4 and SB-8 locations presented in **Figure 2**. MAS also collected one groundwater sample at MW-9R which was analyzed for chromium. The results of the additional soil assessment are the subject of this IAR.

SUMMARY OF RECENTLY COMPLETED ACTIVITIES

Quality Assurance

Field activities were conducted in general accordance with FDEP standard operating procedures and industry accepted practices. Soil Boring and soil samples tasks were conducted in general accordance with the Standard Operational Procedure PCS-004, Soils Assessment and Sampling Methods. Groundwater analysis and sample collection was conducted in general accordance with

FDEP SOP FS 2200. Laboratory analyses of groundwater and soil samples were performed by Jupiter Environmental Laboratories, Inc. (Jupiter).

Soil Boring and Soil Screening Activities

On August 21, 2023, MAS personnel manually advanced thirteen (13) soil borings, designated: SB-8C, SB-8NNN, SB-8NNE, SB-8NNW, SB-8 SSE, SB-8 SSW, SB-8SSS, SB-4NNN, SB-4NNW, SB-4NNE, and SB-4EEN, SB-4EEE, SB-4EES. Each of these soil borings was completed to a total depth of 4 ft bls using a Direct Push Technology via Geoprobe. In addition, MAS collected a composite one (1) composite sample (IDW at 0-2 ft) for disposal purposes. The soil boring locations are shown in **Figure 2**. Soil samples were collected from each boring hole but were not screened with an Organic Vapor Analyzer (OVA). Copies of the boring logs are provided in **Appendix A**.

Soil Sampling Activities

Twenty-seven (27) soil samples were collected for laboratory analyses as follows: SB-8C at 2ft, SB-8NNN at 2ft, SB-8NNE at 2ft, SB-8NNW at 2ft, SB-8SSE at 2ft, SB-8SSW at 2ft, SB-8SSS at 2ft, SB-4NNW at 2ft, SB-4NNE at 2ft, and SB-4EEN at 2ft, SB-4EEE at 2ft, SB-4EES at 2ft, IDW at 2ft. SB-8C at 4ft, SB-8NNN at 4ft, SB-8NNE at 4ft, SB-8NNW at 4ft, SB-8SSE at 4ft, SB-8SSW at 4ft, SB-8SSS at 4ft, SB-4NNN at 4ft, SB-4NNW at 4ft, SB-4NNE at 4ft, and SB-4EEN at 4ft, SB-4EEE at 4ft, and SB-4EES at 4ft. The two (2) confirmation soil samples SB-8C at 2ft and SB-8C at 4ft, were analyzed for Lead via the EPA Method 6020, and held for TCLP Lead Extraction only, and SPLP Lead Extraction only. The two (2) composite soil samples IDW at 2ft and IDW at 4ft were analyzed for BTEX/MTBE via the EPA Method 8260 C, 4-RCRA Metals via the EPA Method 6020, TCLP benzene via the EPA 8260 Method, and TCLP Lead via the EPA Method 6020. The remaining Twenty-three (23) delineation soil samples were analyzed for PAHs via the EPA Method 8270.

Ground Water Activities

MW-9R was purged until groundwater parameters were stabilized in accordance FDEP SOP FS 2200 standards. One (1) groundwater sample was collected for laboratory analysis of Chromium via the EPA Method 200.8. Copies of the sampling logs are provided in **Appendix A**.

SUMMARY OF RESULTS

Groundwater Laboratory Results

The groundwater sample collected from at MW-9R and analyzed for chromium on August 21, 2023, detected chromium at 0.80 U ug/L, which is less than the Chapter 62-777, F.A.C., the 2005 FDEP Groundwater and Surface Water Cleanup target level of 100 ug/L.

Soil Laboratory Results

The soil sample collected from SB-8C at two (2) ft bls on August 21, 2023, revealed that lead was reported under the SCTL for Direct Exposure Residential level (47 mg/kg vs SCTL 400 mg/kg). The soil sample collected from SB-8C at four (4) ft bls on August 21, 2023, revealed that lead was reported under the SCTL for Direct Exposure Residential level (22 mg/kg vs SCTL 400 mg/kg).

The soil sample collected from SB-4EEE at two (2) ft bls on August 21, 2023, revealed the following Chapter 62-777, F.A.C. soil exceedances: Benzo(a)pyrene Equivalent (12.04 mg/kg vs SCTL of 0.1 mg/kg). The soil samples collected from SB-4EEE at four (4) ft bls on August 21, 2023, revealed the following Chapter 62-777, F.A.C. soil exceedances: Benzo(a)pyrene Equivalent (3.19 mg/kg vs SCTL of 0.1 mg/kg).

The soil sample collected from SB-4EEN at two (2) ft bls on August 21, 2023, revealed the following Chapter 62-777, F.A.C. soil exceedances: Benzo(a)pyrene Equivalent (0.54 mg/kg vs SCTL of 0.1 mg/kg). The soil sample collected from SB-4EEN at four (4) ft bls on August 21, 2023, revealed the following Chapter 62-777, F.A.C. soil exceedances: Benzo(a)pyrene Equivalent (1.32 mg/kg vs SCTL of 0.1 mg/kg).

The soil sample collected from SB-4EES at two (2) ft bls on August 21, 2023, revealed the following Chapter 62-777, F.A.C. soil exceedances: Benzo(a)pyrene Equivalent (0.19 mg/kg vs SCTL of 0.1 mg/kg). The soil sample collected from SB-4EES at four (4) ft bls on August 21, 2023, revealed no soil exceedances following the Chapter 62-777, F.A.C. Benzo(a)pyrene Equivalent (0.06 mg/kg vs SCTL of 0.1 mg/kg).

The soil sample collected from SB-4NNE at two (2) ft bls on August 21, 2023, revealed the following Chapter 62-777, F.A.C. soil exceedances: Benzo(a)pyrene Equivalent (18.22 mg/kg vs SCTL of 0.1 mg/kg). The soil sample collected from SB-4NNE at four (4) ft bls on August 21, 2023, revealed the following Chapter 62-777, F.A.C. soil exceedances: Benzo(a)pyrene Equivalent (3.99 mg/kg vs SCTL of 0.1 mg/kg).

The soil sample collected from SB-4NNN (2-4) at four (4) ft bls on August 21, 2023, revealed the following Chapter 62-777, F.A.C. soil exceedances: Benzo(a)pyrene Equivalent (1.07 mg/kg vs SCTL of 0.1 mg/kg).

The soil sample collected from SB-4NNW at two (2) ft bls on August 21, 2023, revealed the following Chapter 62-777, F.A.C. soil exceedances: Benzo(a)pyrene Equivalent (3.07 mg/kg vs SCTL of 0.1 mg/kg). The soil sample collected from SB-4NNW at four (4) ft bls on August 21, 2023, revealed the following Chapter 62-777, F.A.C. soil exceedances: Benzo(a)pyrene Equivalent (0.32 mg/kg vs SCTL of 0.1 mg/kg).

The soil sample collected from SB-8NNE at two (2) ft bls on August 21, 2023, revealed the following Chapter 62-777, F.A.C. soil exceedances: Benzo(a)pyrene Equivalent (0.52 mg/kg vs SCTL of 0.1 mg/kg). The soil sample collected from SB-8NNE at four (4) ft bls on August 21,

2023, revealed the following Chapter 62-777, F.A.C. soil exceedances: Benzo(a)pyrene Equivalent (15.6 mg/kg vs SCTL of 0.1 mg/kg).

The soil sample collected from SB-8NNN at two (2) ft bls on August 21, 2023, revealed the following Chapter 62-777, F.A.C. soil exceedances: Benzo(a)pyrene Equivalent (3.05 mg/kg vs SCTL of 0.1 mg/kg). The soil sample collected from SB-8NNN at four (4) ft bls on August 21, 2023, revealed the following Chapter 62-777, F.A.C. soil exceedances: Benzo(a)pyrene Equivalent (6.48 mg/kg vs SCTL of 0.1 mg/kg).

The soil sample collected from SB-8NNW at two (2) ft bls on August 21, 2023, revealed the following Chapter 62-777, F.A.C. soil exceedances: Benzo(a)pyrene Equivalent (0.13 mg/kg vs SCTL of 0.1 mg/kg). The soil samples collected from SB-8NNW at four (4) ft bls on August 21, 2023, revealed the following Chapter 62-777, F.A.C. soil exceedances: Benzo(a)pyrene Equivalent (5.32 mg/kg vs SCTL of 0.1 mg/kg).

The soil sample collected from SB-8SSE at two (2) ft bls on August 21, 2023, revealed the following Chapter 62-777, F.A.C. soil exceedances: Benzo(a)pyrene Equivalent (2.25 mg/kg vs SCTL of 0.1 mg/kg). The soil sample collected from SB-8SSE at four (4) ft bls on August 21, 2023, revealed the following Chapter 62-777, F.A.C. soil exceedances: Benzo(a)pyrene Equivalent (1.82 mg/kg vs SCTL of 0.1 mg/kg).

The soil samples collected from 8SSS at two (2) ft bls on August 21, 2023, revealed the following Chapter 62-777, F.A.C. soil exceedances: Benzo(a)pyrene Equivalent (2.95 mg/kg vs SCTL of 0.1 mg/kg). The soil samples collected from 8SSS at four (4) ft bls on August 21, 2023, revealed no soil exceedances following the Chapter 62-777, F.A.C.: Benzo(a)pyrene Equivalent (0.09 mg/kg vs SCTL of 0.1 mg/kg).

The soil sample collected from SB-8SSW at two (2) ft bls on August 21, 2023, revealed the following Chapter 62-777, F.A.C. soil exceedances: Benzo(a)pyrene Equivalent (0.31 mg/kg vs SCTL of 0.1 mg/kg). The soil sample collected from SB-8SSW at four (4) ft bls on August 21, 2023, revealed the following Chapter 62-777, F.A.C. soil exceedances: Benzo(a)pyrene Equivalent (0.12 mg/kg vs SCTL of 0.1 mg/kg).

The soil results are summarized on **Tables 2A through 4C** and are depicted on **Figure 2**. The soil and groundwater laboratory analytical report are included in **Appendix B**.

CONCLUSIONS AND RECOMMENDATIONS

Based on the soil results, additional soil impacts were identified and have not been delineated. Therefore, MAS recommends additional soil sampling prior to submitting the Task 3 Supplemental Site Assessment Report.



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Should you have any questions regarding the information contained in this Interim Site Assessment Report, please contact the undersigned via e-mail at ckeenoy@mas-env.com or mminard@mas-env.com.

Respectfully,
MAS Environmental, LLC

 for Christopher Keenoy

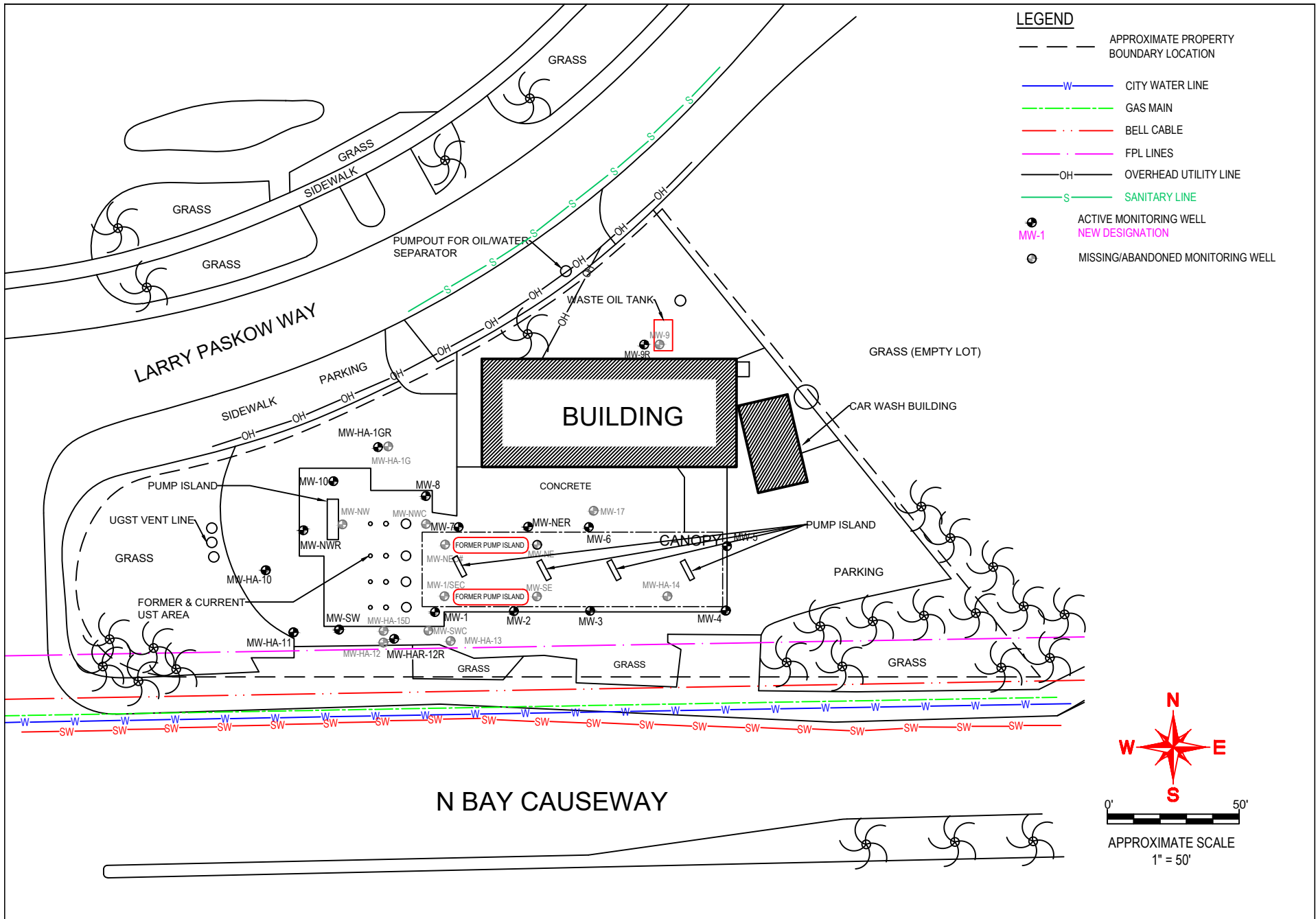
Christopher Keenoy
Environmental Scientist

Michael Minard, P.G.
Senior Geologist

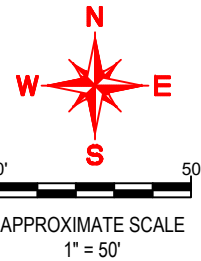


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FIGURES



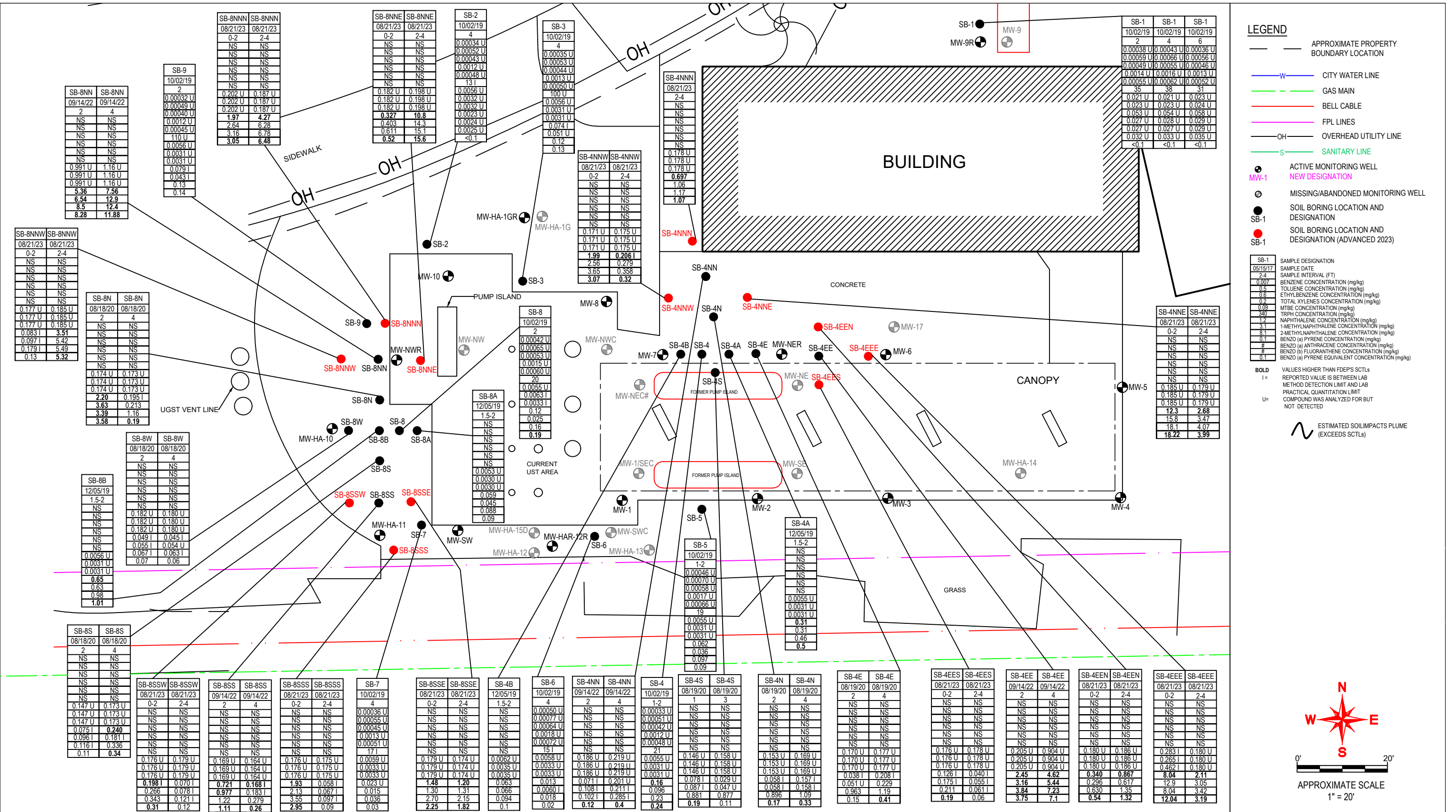
- LEGEND**
- APPROXIMATE PROPERTY BOUNDARY LOCATION
 - W— CITY WATER LINE
 - G— GAS MAIN
 - B— BELL CABLE
 - F— FPL LINES
 - OH— OVERHEAD UTILITY LINE
 - S— SANITARY LINE
 - ACTIVE MONITORING WELL
 - MW-1 NEW DESIGNATION
 - MISSING/ABANDONED MONITORING WELL



SHELL-NORTH BAY VILLAGE
 1345 NE 79TH ST CSWY
 NORTH BAY VILLAGE, MIAMI-DADE COUNTY, FLORIDA
 FDEP FAC. ID. NO.: 13/8838306

SITE MAP

FIGURE
 1
 PROJECT No.
M50885



SHELL-NORTH BAY VILLAGE
 1345 NE 79TH ST CSWY
 NORTH BAY VILLAGE, MIAMI-DADE COUNTY, FLORIDA
 FDEP FAC. ID. NO.: 13/8838306

SOIL ANALYTICAL SUMMARY MAP (10/02/19, 12/05/19, 08/18-19/20, 09/14/22 & 08/21/23)

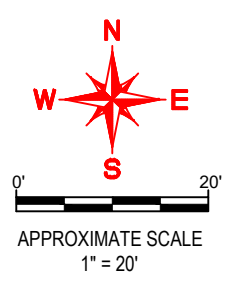
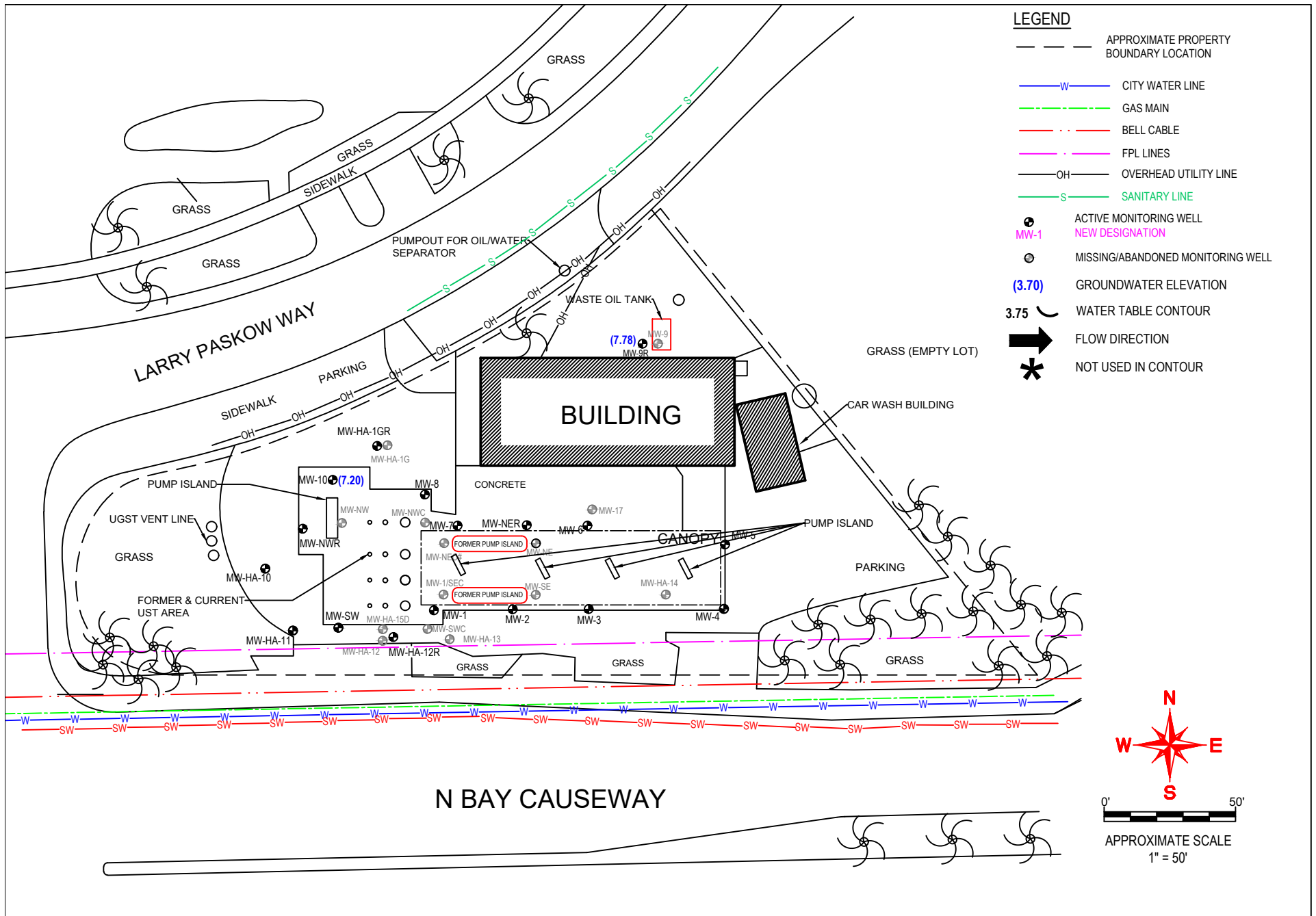
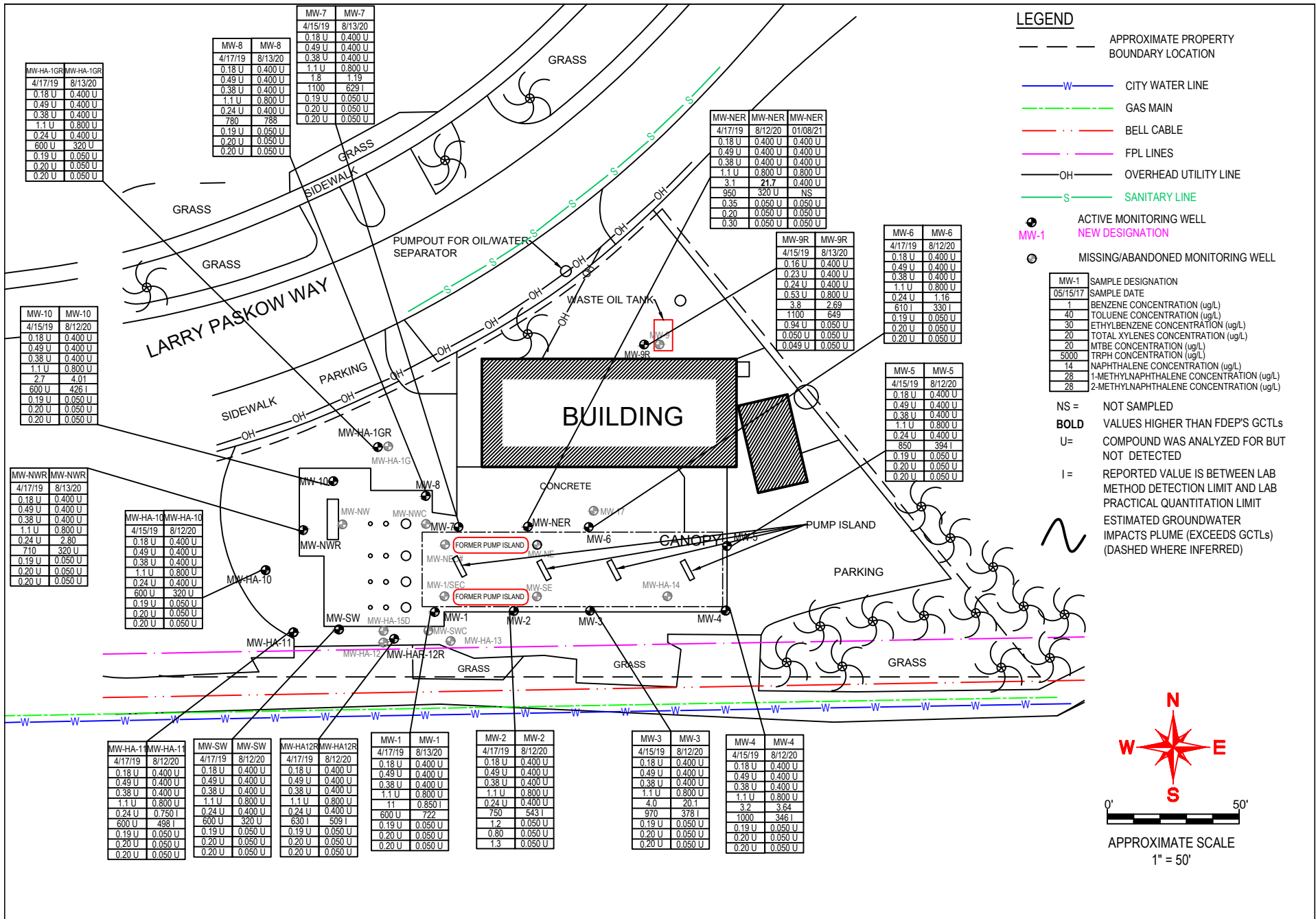


FIGURE 2
 PROJECT No. M50885





SHELL-NORTH BAY VILLAGE
 1345 NE 79TH ST CSWY
 NORTH BAY VILLAGE, MIAMI-DADE COUNTY, FLORIDA
 FDEP FAC. ID. NO.: 13/8838306

GROUNDWATER ANALYTICAL SUMMARY
 MAP (04/15/19, 08/12/20 & 01/08/21)

FIGURE
 4
 PROJECT No.
M50885



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TABLES

TABLE 1: SOIL SCREENING SUMMARY

Facility Name: Shell-North Bay Village

FDEP Facility ID#: 13/8838306

SAMPLE			OVA SCREENING RESULTS			COMMENTS
Boring Number	Date Collected	Sample Depth (ft bls)	Total Reading (ppm)	Carbon Filtered (ppm)	Net Reading (ppm)	
SB-1	01/31/92	0 - 2	7			
		2 - 4	40			
SB-2	01/31/92	0 - 2	7			
		2 - 4	13			
SB-3	01/31/92	0 - 2	6			
		2 - 4	9			
SB-4	01/31/92	0 - 2	12			
		2 - 4	5			
SB-5	01/31/92	0 - 2	7			
		2 - 4	0			
SB-6	01/31/92	0 - 2	0.7			
		2 - 4	0			
SB-7 (MW-15D)	01/31/92	0 - 2	6			
		2 - 4	2			
SB-8 (MW-12)	01/31/92	0 - 2	9			
		2 - 4	10			
SB-9	08/04/92	0 - 2.5			0.2	
		2.5 - 5			2	
SB-10	08/04/92	0 - 2.5			0	
		2.5 - 5			0.4	
SB-11	08/04/92	0 - 2.5			0	
		2.5 - 5			2	
SB-12	08/04/92	0 - 2.5			0	
		2.5 - 5			0	
SB-13	08/04/92	0 - 2.5			0.2	
		2.5 - 5			0.1	
SB-14	08/04/92	0 - 2.5			6	
		2.5 - 5			10.1	
SB-15	08/04/92	0 - 2.5			12.4	
		2.5 - 5			56	
SB-16	08/04/92	0 - 2.5			7.4	
		2.5 - 5			13.8	
SB-17	08/04/92	0 - 2.5			1.2	
		2.5 - 5			0.9	
SB-18	08/04/92	0 - 2.5			0.5	
		2.5 - 5			16.6	
SB-19	08/04/92	0 - 2.5			0.4	
		2.5 - 5			0.2	
SB-20	08/04/92	0 - 2.5			1.2	
		2.5 - 5			1.1	
SB-21	08/04/92	0 - 2.5			1.6	
		2.5 - 5			1.0	
SB-22	08/04/92	0 - 2.5			0.2	
		2.5 - 5			0.3	
SB-23	08/04/92	0 - 2.5			0.2	
		2.5 - 5			2.7	
SB-24	08/04/92	0 - 2.5			10	
		2.5 - 5			23	
SB-25	08/04/92	0 - 2.5			0	
		2.5 - 5			32.5	
SB-26	08/04/92	0 - 2.5			0.4	
		2.5 - 5			3.5	
SB-1	10/02/19	2	0	----	0	Soil Lab Samps Collected @ 2,4,6 Ft BLS Water Table at 5.5 Ft BLS
		4	0	----	0	
		6	0	----	0	
		8	0	----	0	
SB-2	10/02/19	2	0	----	0	Soil Lab Samp Collected @ 4 Ft BLS Water Table at 5.5 Ft BLS
		4	0	----	0	
		6	0	----	0	
SB-3	10/02/19	2	0	----	0	Soil Lab Samp Collected @ 4 Ft BLS Water Table at 5.5 Ft BLS
		4	1	----	1	
		6	0	----	0	
SB-4	10/02/19	2	0	----	0	Soil Lab Samp Collected @1-2 Ft BLS Water Table at 5.5 Ft BLS
		4	0	----	0	
		6	0	----	0	
		8	6	----	6	

TABLE 1: SOIL SCREENING SUMMARY

Facility Name: Shell-North Bay Village

FDEP Facility ID#: 13/8838306

SAMPLE			OVA SCREENING RESULTS			COMMENTS
Boring Number	Date Collected	Sample Depth (ft bls)	Total Reading (ppm)	Carbon Filtered (ppm)	Net Reading (ppm)	
SB-5	10/02/19	2	0	----	0	Soil Lab Samp Collected @ 1-2 Ft BLS Water Table at 5.5 Ft BLS
		4	0	----	0	
		6	0	----	0	
		8	140	----	140	
SB-6	10/02/19	2	0	----	0	Soil Lab Samp Collected @ 4 Ft BLS Water Table at 5.5 Ft BLS
		4	0	----	0	
		6	0	----	0	
		8	0	----	0	
SB-7	10/02/19	2	0	----	0	Soil Lab Samp Collected @ 4 Ft BLS Water Table at 5.5 Ft BLS
		4	0	----	0	
		6	0	----	0	
		8	0	----	0	
SB-8	10/02/19	2	5	----	5	Soil Lab Samp Collected @ 2 Ft BLS Water Table at 5.5 Ft BLS
		4	3	----	3	
		6	44	----	44	
		8	68	----	68	
SB-9	10/02/19	2	0	----	0	Soil Lab Samp Collected @ 4 Ft BLS Water Table at 5.5 Ft BLS
		4	0	----	0	
		6	0	----	0	
		8	1	----	1	
SB-4A	12/05/19	1	0	----	0	Soil Lab Samp Collected @ 1.5-2 Ft BLS
SB-4B	12/05/19	1	0	----	0	Soil Lab Samp Collected @ 1.5-2 Ft BLS
		2	0	----	0	
SB-8A	12/05/19	1	0	----	0	Soil Lab Samp Collected @ 1.5-2 Ft BLS
		2	2	----	2	
SB-8B	12/05/19	1	0	----	0	Soil Lab Samp Collected @ 1.5-2 Ft BLS
		2	0	----	0	
SB-8S	08/18/20	1	0	----	0	Soil Lab Samp Collected @ 2 and 4 Ft BLS
		2	0	----	0	
		3	0	----	0	
		4	0	----	0	
SB-8N	08/18/20	1	0	----	0	Soil Lab Samp Collected @ 2 and 4 Ft BLS
		2	0	----	0	
		3	0	----	0	
		4	0	----	0	
SB-8W	08/18/20	1	<1	----	<1	Soil Lab Samp Collected @ 2 and 4 Ft BLS
		2	0	----	0	
		3	0	----	0	
		4	0	----	0	
SB-4S	08/19/20	1	0	----	0	Soil Lab Samp Collected @ 1 and 3 Ft BLS
		2	0	----	0	
		3	0	----	0	
		NA	NA	----	NA	
SB-4E	08/19/20	1	0	----	0	Soil Lab Samp Collected @ 2 and 4 Ft BLS
		2	0	----	0	
		3	0	----	0	
		4	0	----	0	
SB-4N	08/19/20	1	0	----	0	Soil Lab Samp Collected @ 2 and 4 Ft BLS
		2	0	----	0	
		3	0	----	0	
		4	0	----	0	
SB-4EE	09/14/22	1	0	----	<10	Soil Lab Samp Collected @ 2 and 4 Ft BLS
		2	0	----	<10	
		3	0	----	<10	
		4	0	----	<10	
SB-4NN	09/14/22	1	0	----	<10	Soil Lab Samp Collected @ 2 and 4 Ft BLS
		2	0	----	<10	
		3	0	----	<10	
		4	0	----	<10	
SB-8NN	09/14/22	1	0	----	<10	Soil Lab Samp Collected @ 2 and 4 Ft BLS
		2	0	----	<10	
		3	0	----	<10	
		4	0	----	<10	
SB-8SS	09/14/22	1	0	----	<10	Soil Lab Samp Collected @ 2 and 4 Ft BLS
		2	0	----	<10	
		3	0	----	<10	
		4	0	----	<10	

BG = Background Level

NA = Not Available

OVA = Organic Vapor Analyzer, measured in parts per million (ppm)

ft bls = feet below land surface

TABLE 2A: SOIL ANALYTICAL SUMMARY - VOA, TRPH, Metals

Facility Name: Shell-North Bay Village

FDEP Facility ID#: 13/8838306

Sample					OVA	Benzene	Toluene	Ethyl-benzene	Total Xylenes	MTBE	TRPHs	Arsenic	Cadmium	Chromium	Lead
						(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
SCTL for Leachability Based on Groundwater Criteria						0.007	0.5	0.6	0.2	0.09	340	*	7.5	38	*
SCTL for Direct Exposure Residential						1.2	7,500	1,500	130	4,400	460	2.1	82	210	400
FDEP Soil Cleanup Target Level - Direct Exposure Commercial (mg/kg)						1.7	60,000	9200	700	24,000	2700	12	1700	470	1400
Boring No. / Well ID No.	Date Collected	Depth to Water (ft bis)	Sample Interval (ft bis)	Net OVA Reading (ppm)											
SB-1	10/2/2019	5.5	2	0	0.00038 U	0.00059 U	0.00049 U	0.0014 U	0.00055 U	35	1 I	0.20 I	6.30	6.6	
SB-1	10/2/2019	5.5	4	0	0.00043 U	0.00066 U	0.00055 U	0.0016 U	0.00062 U	38	0.22 U	0.18 I	7.00	4.2	
SB-1	10/2/2019	5.5	6	0	0.00036 U	0.00056 U	0.00046 U	0.0013 U	0.00052 U	31	1.7 I	0.11 I	4.40	2.3	
SB-2	10/2/2019	5.5	4	2	0.00034 U	0.00052 U	0.00043 U	0.0012 U	0.00048 U	13 I	NS	NS	NS	1.2	
SB-3	10/2/2019	5.5	4	1	0.00035 U	0.00053 U	0.00044 U	0.0013 U	0.00050 U	100 U	NS	NS	NS	15	
SB-4	10/2/2019	5.5	1-2	0	0.00033 U	0.00051 U	0.00042 U	0.0012 U	0.00048 U	21	NS	NS	NS	2.40	
SB-5	10/2/2019	5.5	1-2	0	0.00046 U	0.00070 U	0.00058 U	0.0017 U	0.00066 U	19	NS	NS	NS	0.11 U	
SB-6	10/2/2019	5.5	4	0	0.00050 U	0.00077 U	0.00064 U	0.0018 U	0.00072 U	15 I	NS	NS	NS	0.42 I	
SB-7	10/2/2019	5.5	4	0	0.00036 U	0.00055 U	0.00045 U	0.0013 U	0.00051 U	17 I	NS	NS	NS	1.4	
SB-8	10/2/2019	5.5	2	5	0.00042 U	0.00065 U	0.00053 U	0.0015 U	0.00060 U	20	NS	NS	NS	40	
SB-9	10/2/2019	5.5	4	0	0.00032 U	0.00049 U	0.00040 U	0.0012 U	0.00045 U	110 U	NS	NS	NS	2.1	
SB-8C (0-2)	8/21/2023	NA	0-2	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS	47	
SB-8C (2-4)	8/21/2023	NA	2-4	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS	22	
IDW (0-2)	8/21/2023	NA	0-2	NA	0.000403 U	0.000745 U	0.000351 U	0.00313	0.000973 U	NS	2.5	0.37 I	11	160	

NA = Not Analyzed

NS = Not Sampled.

MDL = Method Detection Limit

PQL = Practical Qu

U = Compound analyzed but not detected above MDL

I = Reported value between the MDL and PQL

Bold indicates analyte is detected above the SCTL.

mg/kg = milligram per kilogram

OVA = Organic Vapor Analyzer, measured in parts per million (ppm)

SCTL = Soil Cleanup Target Level

ft bis = feet below land surface

TABLE 2B: SOIL ANALYTICAL SUMMARY - Non-Carcinogenic PAHs

Facility Name: Shell-North Bay Village

FDEP Facility ID#: 13/8838306

Sample					OVA	Naphthalene	1-Methylnaphthalene	2-Methylnaphthalene	Acenaphthene	Acenaphthylene	Anthracene	Benzo (g,h,i) perylene	Fluoranthene	Fluorene	Phenanthrene	Pyrene
						(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
SCTL for Leachability Based on Groundwater Criteria						1.2	3.1	8.5	2.1	27	2,500	32,000	1,200	160	250	880
SCTL for Direct Exposure Residential						55	200	210	2,400	1,800	21,000	2,500	3,200	2,600	2,200	2,400
Boring No. / Well ID No.	Date Collected	Depth to Water (ft bls)	Sample Interval (ft bls)	Net OVA Reading (ppm)												
SB-1	10/2/2019	5.5	2	0	0.021 U	0.023 U	0.053 U	0.029 U	0.029 U	0.022 U	0.033 U	0.024 U	0.024 U	0.022 U	0.035 U	0.036 U
SB-1	10/2/2019	5.5	4	0	0.021 U	0.023 U	0.054 U	0.029 U	0.029 U	0.022 U	0.033 U	0.025 U	0.024 U	0.022 U	0.024 U	0.038 U
SB-1	10/2/2019	5.5	6	0	0.023 U	0.024 U	0.058 U	0.031 U	0.031 U	0.024 U	0.035 U	0.026 U	0.026 U	0.024 U	0.024 U	0.038 U
SB-2	10/2/2019	5.5	4	2	0.0056 U	0.0032 U	0.0032 U	0.0027 U	0.0026 U	0.0023 U	0.0061 U	0.0022 U	0.0027 U	0.0022 U	0.0022 U	0.0020 U
SB-3	10/2/2019	5.5	4	1	0.0056 U	0.0031 U	0.0031 U	0.0027 U	0.0025 U	0.0022 U	0.0060 U	0.13	0.0027 U	0.053 I	0.11	
SB-4	10/2/2019	5.5	1-2	0	0.0055 U	0.0031 U	0.0031 U	0.0031 I	0.0025 U	0.0089	0.13	0.18	0.0027 U	0.051	0.15	
SB-5	10/2/2019	5.5	1-2	0	0.0055 U	0.0031 U	0.0031 U	0.0026 U	0.0025 U	0.0031 I	0.056	0.076	0.0026 U	0.025	0.063	
SB-6	10/2/2019	5.5	4	0	0.0058 U	0.0033 U	0.0033 U	0.0028 U	0.0026 U	0.0023 U	0.012	0.0092	0.0028 U	0.0023 U	0.0098	
SB-7	10/2/2019	5.5	4	0	0.0059 U	0.0033 U	0.0033 U	0.0028 U	0.0027 U	0.0024 I	0.02	0.046	0.0029 U	0.022	0.037	
SB-8	10/2/2019	5.5	2	5	0.0055 U	0.0063 I	0.0033 I	0.0026 U	0.0025 U	0.0033 I	0.19	0.03	0.0028 I	0.0087	0.031	
SB-9	10/2/2019	5.5	4	0	0.0056 U	0.0031 U	0.0031 U	0.0027 U	0.0025 U	0.0022 U	0.075 I	0.11	0.0027 U	0.022 U	0.11	
SB-4A	12/5/2019	5.5	1.5 - 2	0	0.0055 U	0.0031 U	0.0031 U	0.0093	0.0025 U	0.033	0.27	0.47	0.0037 I	0.15	0.62	
SB-4B	12/5/2019	5.5	1.5 - 2	0	0.0062 U	0.0035 U	0.0035 U	0.0030 U	0.0028 U	0.0096	0.051	0.12	0.0030 U	0.058	0.14	
SB-8A	12/5/2019	5.5	1.5 - 2	2	0.0053 U	0.0030 U	0.0030 U	0.0025 U	0.0024 U	0.0057 I	0.062	0.055	0.0026 U	0.027	0.077	
SB-8B	12/5/2019	5.5	1.5 - 2	0	0.0056 U	0.0031 U	0.0031 U	0.033	0.0028 I	0.093	0.54	1	0.02	0.45	1.2	
SB-8W	8/18/2020	5 - 6	2	0	0.182 U	0.182 U	0.182 U	0.091 U	0.091 U	0.091 U	0.055 U	0.091 U	0.091 U	0.091 U	0.091 U	0.123 I
SB-8W	8/18/2020	5 - 6	4	0	0.180 U	0.180 U	0.180 U	0.090 U	0.090 U	0.090 U	0.054 U	0.090 U	0.090 U	0.090 U	0.090 U	0.096 I
SB-8S	8/18/2020	5 - 6	2	0	0.147 U	0.147 U	0.147 U	0.073 U	0.073 U	0.073 U	0.044 U	0.217 I	0.073 U	0.126 I	0.301	
SB-8S	8/18/2020	5 - 6	4	0	0.173 U	0.173 U	0.173 U	0.087 U	0.087 U	0.087 U	0.172 I	0.369	0.087 U	0.177 I	0.569	
SB-8N	8/18/2020	5 - 6	2	0	0.174 U	0.174 U	0.174 U	0.343 I	0.087 U	0.709	1.80	5.73	0.157 I	4.15	4.38	
SB-8N	8/18/2020	5 - 6	4	0	0.173 U	0.173 U	0.173 U	0.086 U	0.086 U	0.086 U	0.190 I	0.329 I	0.086 U	0.202 I	0.332 I	
SB-4S	8/19/2020	5 - 6	1	0	0.146 U	0.146 U	0.146 U	0.073 U	0.073 U	0.073 U	0.070 I	0.139 I	0.073 U	0.073 U	0.154 I	
SB-4S	8/19/2020	5 - 6	3	0	0.158 U	0.158 U	0.158 U	0.079 U	0.079 U	0.079 U	0.047 U	0.079 U	0.079 U	0.079 U	0.079 U	
SB-4E	8/19/2020	5 - 6	2	0	0.170 U	0.170 U	0.170 U	0.085 U	0.085 U	0.085 U	0.051 U	0.085 U	0.085 U	0.085 U	0.085 U	
SB-4E	8/19/2020	5 - 6	4	0	0.177 U	0.177 U	0.177 U	0.088 U	0.088 U	0.088 U	0.195 I	0.369	0.088 U	0.200 I	0.423	
SB-4N	8/19/2020	5 - 6	2	0	0.153 U	0.153 U	0.153 U	0.077 U	0.077 U	0.077 U	0.053 I	0.082 I	0.077 U	0.077 U	0.096 I	
SB-4N	8/19/2020	5 - 6	4	0	0.169 U	0.169 U	0.169 U	0.084 U	0.084 U	0.084 U	0.148 I	0.249 I	0.084 U	0.121 I	0.293 I	
SB4NN at 2'	9/14/2022	5 - 6	0-2	NS	0.186 U	0.186 U	0.186 U	0.093 U	0.093 U	0.093 U	0.056 U	0.174 I	0.093 U	0.186 U	0.147 I	
SB4NN at 4'	9/14/2022	5 - 6	2-4	NS	0.219 U	0.219 U	0.219 U	0.109 U	0.109 U	0.109 U	0.328 U	0.404 I	0.109 U	0.23 I	0.296 I	
SB4EE at 2'	9/14/2022	5 - 6	0-2	NS	0.205 U	0.205 U	0.205 U	0.19 I	0.103 U	0.57	1.57	6.24	0.11 I	2.79	4.9	
SB4EE at 4'	9/14/2022	5 - 6	2-4	NS	0.904 U	0.904 U	0.904 U	0.452 U	0.452 U	1.18 I	3.08	11.7	0.452 U	5.87	8.81	
SB8 NN at 2'	9/14/2022	5 - 6	0-2	NS	0.991 U	0.991 U	0.991 U	0.549 I	0.496 U	1.31 I	3.71	13.8	0.496 U	6.75	9.6	
SB8 NN at 4'	9/14/2022	5 - 6	2-4	NS	1.16 U	1.16 U	1.16 U	2.23 I	0.579 U	5.38	4.39	30.3	1.59 I	24.6	20.4	
SB8 SS at 2'	9/14/2022	5 - 6	0-2	NS	0.169 U	0.169 U	0.169 U	0.085 U	0.085 U	0.256 I	0.475	2.56	0.085 U	1.52	1.83	
SB8 SS at 4'	9/14/2022	5 - 6	2-4	NS	0.164 U	0.164 U	0.164 U	0.082 U	0.082 U	0.082 U	0.132 I	0.414	0.082 U	0.169 I	0.388	

TABLE 2B: SOIL ANALYTICAL SUMMARY - Non-Carcinogenic PAHs

Facility Name: Shell-North Bay Village

FDEP Facility ID#: 13/8838306

SB-4EEE (0-2)	8/21/2023	NA	0-2	NA	0.283 I	0.265 I	0.462 I	1.15	0.088 U	2.88	5.6	30.5	0.669	16.4	18.2
SB-4EEE (2-4)	8/21/2023	NA	2-4	NA	0.18 U	0.18 U	0.18 U	0.222 I	0.09 U	0.438	1.73	6.93	0.119 I	3.26	4.64
SB-4EEN (0-2)	8/21/2023	NA	0-2	NA	0.18 U	0.18 U	0.18 U	0.09 U	0.09 U	0.09 U	0.386	0.391	0.09 U	0.18 U	0.32 I
SB-4EEN (2-4)	8/21/2023	NA	2-4	NA	0.186 U	0.186 U	0.186 U	0.093 U	0.093 U	0.093 U	1.26	0.597	0.093 U	0.186 U	0.652
SB-4EES (0-2)	8/21/2023	NA	0-2	NA	0.176 U	0.176 U	0.176 U	0.088 U	0.088 U	0.088 U	0.112 I	0.313 I	0.088 U	0.176 U	0.251 I
SB- EES (2-4)	8/21/2023	NA	2-4	NA	0.178 U	0.178 U	0.178 U	0.089 U	0.089 U	0.089 U	0.053 U	0.089 I	0.089 U	0.178 U	0.089 U
SB-4NNE (0-2)	8/21/2023	NA	0-2	NA	0.185 U	0.185 U	0.185 U	1.23	0.092 U	3.61	6.92	32.9	1.05	15.9	24.6
SB-4NNE (2-4)	8/21/2023	NA	2-4	NA	0.179 U	0.179 U	0.179 U	0.268 I	0.089 U	0.669	2.18	8.1	0.192 I	3.79	5.61
SB-4NNN (2-4)	8/21/2023	NA	2-4	NA	0.178 U	0.178 U	0.178 U	0.089 U	0.089 U	0.141 I	0.618	2.16	0.089 U	1	1.43
SB-4NNW (0-2)	8/21/2023	NA	0-2	NA	0.171 U	0.171 U	0.171 U	0.091 I	0.086 U	0.551	1.33	8.66	0.086 U	2.78	6.66
SB-4NNW (2-4)	8/21/2023	NA	2-4	NA	0.175 U	0.175 U	0.175 U	0.087 U	0.087 U	0.087 U	0.23	0.583	0.087 U	0.266 I	0.477
SB-8NNE (0-2)	8/21/2023	NA	0-2	NA	0.182 U	0.182 U	0.182 U	0.091 U	0.091 U	0.106 I	0.291	0.863	0.091 U	0.375	0.681
SB-8NNE (2-4)	8/21/2023	NA	2-4	NA	0.198 U	0.198 U	0.198 U	0.471	0.099 U	1.34	7.16	23.9	0.298 I	6.69	15.4
SB-8NNN (0-2)	8/21/2023	NA	0-2	NA	0.202 U	0.202 U	0.202 U	0.245 I	0.101 U	0.42	2.2	6.34	0.133 I	3.32	4.24
SB-8NNN (2-4)	8/21/2023	NA	2-4	NA	0.187 U	0.187 U	0.187 U	0.421	0.093 U	0.944	3.41	13.6	0.248 I	6.08	8.01
SB-8NNW (0-2)	8/21/2023	NA	0-2	NA	0.177 U	0.177 U	0.177 U	0.089 U	0.089 U	0.089 U	0.077 I	0.209 I	0.089 U	0.177 U	0.166 I
SB-8NNW (2-4)	8/21/2023	NA	2-4	NA	0.185 U	0.185 U	0.185 U	0.511	0.093 U	1.07	2.62	11.1	0.356 I	5.85	6.75
SB-8SSE (0-2)	8/21/2023	NA	0-2	NA	0.179 U	0.179 U	0.179 U	0.09 U	0.09 U	0.09 U	1.2	3.74	0.09 U	0.98	3.06
SB-8SSE (2-4)	8/21/2023	NA	2-4	NA	0.174 U	0.174 U	0.174 U	0.087 U	0.087 U	0.087 U	1.24	2.72	0.087 U	0.586	1.92
SB-8SSS (0-2)	8/21/2023	NA	0-2	NA	0.176 U	0.176 U	0.176 U	0.111 I	0.088 U	0.451	1.49	7.5	0.112 I	2.71	5.81
SB-8SSS (2-4)	8/21/2023	NA	2-4	NA	0.175 U	0.175 U	0.175 U	0.087 U	0.087 U	0.087 U	0.074 I	0.149 I	0.087 U	0.175 U	0.175 I
SB-8SSW (0-2)	8/21/2023	NA	0-2	NA	0.176 U	0.176 U	0.176 U	0.088 U	0.088 U	0.088 U	0.148 I	0.498	0.088 U	0.181 I	0.506
SB 8SSW (2-4)	8/21/2023	NA	2-4	NA	0.179 U	0.179 U	0.179 U	0.089 U	0.089 U	0.089 U	0.091 I	0.134 I	0.089 U	0.179 U	0.229 I

PQL = Practical Qu

U = Compound analyzed but not detected above MDL

I = Reported value between the MDL and PQL

Bold indicates analyte is detected above the SCTL.

mg/kg = milligram per kilogram

OVA = Organic Vapor Analyzer, measured in parts per million (ppm)

SCTL = Soil Cleanup Target Level

ft bls = feet below land surface

TABLE 2C: SOIL ANALYTICAL SUMMARY - Carcinogenic PAHs

Facility Name: Shell-North Bay Village

FDEP Facility ID#: 13/8838306

Sample					OVA	Benzo (a) pyrene	Benzo (a) anthracene	Benzo(b) fluoranthene	Benzo(k) fluoranthene	Chrysene	Dibenzo(a,h) anthracene	Indeno (1,2,3-cd) pyrene	Benzo (a) pyrene equivalent
						(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
SCTL for Leachability Based on Groundwater Criteria						8	0.8	2.4	24	77	0.7	6.6	8
SCTL for Direct Exposure Residential						0.1	#	#	#	#	#	#	0.1
SCTL for Direct Exposure Commercial						0.7	#	#	#	#	#	#	0.7
Boring No. / Well ID No.	Date Collected	Depth to Water (ft bls)	Sample Interval (ft bls)	Net OVA Reading (ppm)									
SB-1	10/2/2019	5.5	2	0	0.027 U	0.027 U	0.032 U	0.037 U	0.029 U	0.035 U	0.030 U	<0.1	
SB-1	10/2/2019	5.5	4	0	0.028 U	0.027 U	0.033 U	0.037 U	0.030 U	0.036 U	0.031 U	<0.1	
SB-1	10/2/2019	5.5	6	0	0.029 U	0.029 U	0.035 U	0.040 U	0.032 U	0.038 U	0.033 U	<0.1	
SB-2	10/2/2019	5.5	4	2	0.0023 U	0.0024 U	0.0025 U	0.0021 U	0.0024 U	0.0069 U	0.0040 U	<0.1	
SB-3	10/2/2019	5.5	4	1	0.074 I	0.051 I	0.12	0.050 I	0.070 I	0.068 U	0.060 I	0.13	
SB-4	10/2/2019	5.5	1-2	0	0.16	0.096	0.23	0.091	0.12	0.031	0.14	0.24	
SB-5	10/2/2019	5.5	1-2	0	0.062	0.036	0.097	0.037	0.048	0.012	0.055	0.09	
SB-6	10/2/2019	5.5	4	0	0.013	0.0060 I	0.018	0.0087 I	0.0083 I	0.0072 U	0.012	0.02	
SB-7	10/2/2019	5.5	4	0	0.023	0.015	0.036	0.016	0.023	0.0072 U	0.019	0.03	
SB-8	10/2/2019	5.5	2	5	0.12	0.025	0.16	0.058	0.042	0.034	0.17	0.19	
SB-9	10/2/2019	5.5	4	0	0.079 I	0.043 I	0.13	0.051 I	0.073 I	0.069 U	0.076 I	0.14	
SB-4A	12/5/2019	5.5	1.5 - 2	0	0.31	0.31	0.46	0.17	0.34	0.058	0.29	0.5	
SB-4B	12/5/2019	5.5	1.5 - 2	0	0.063	0.066	0.094	0.036	0.074	0.011	0.057	0.1	
SB-8A	12/5/2019	5.5	1.5 - 2	2	0.059	0.045	0.088	0.033	0.054	0.013	0.065	0.09	
SB-8B	12/5/2019	5.5	1.5 - 2	0	0.65	0.63	0.98	0.33	0.65	0.13	0.62	1.01	
SB-8W	8/18/2020	5 - 6	2	0	0.049 I	0.055 I	0.067 I	0.055 U	0.073 I	0.013 U	0.055 U	0.1	
SB-8W	8/18/2020	5 - 6	4	0	0.045 I	0.054 U	0.063 I	0.054 U	0.062 I	0.013 U	0.054 U	0.1	
SB-8S	8/18/2020	5 - 6	2	0	0.075 I	0.096 I	0.116 I	0.044 U	0.160 I	0.011 U	0.048 I	0.1	
SB-8S	8/18/2020	5 - 6	4	0	0.240	0.181 I	0.336	0.121 I	0.366	0.025 I	0.186 I	0.3	
SB-8N	8/18/2020	5 - 6	2	0	2.20	3.63	3.39	1.18	2.44	0.309	3.51	3.6	
SB-8N	8/18/2020	5 - 6	4	0	0.195 I	0.213	1.16	0.088 I	0.222	0.035 I	0.171 I	0.4	
SB-4S	8/19/2020	5 - 6	1	0	0.078 I	0.087 I	0.881	0.044 U	0.089 I	0.011 U	0.093 I	0.2	
SB-4S	8/19/2020	5 - 6	3	0	0.029 U	0.047 U	0.877	0.047 U	0.047 U	0.011 U	0.047 U	0.1	
SB-4E	8/19/2020	5 - 6	2	0	0.038 I	0.051 U	0.963	0.051 U	0.051 U	0.012 U	0.051 U	0.1	
SB-4E	8/19/2020	5 - 6	4	0	0.208 I	0.229	1.19	0.101 I	0.235	0.040 I	0.235	0.4	
SB-4N	8/19/2020	5 - 6	2	0	0.058 I	0.058 I	0.896	0.046 U	0.058 I	0.011 U	0.068 I	0.2	
SB-4N	8/19/2020	5 - 6	4	0	0.157 I	0.158 I	1.09	0.075 I	0.163 I	0.031 I	0.201 I	0.3	

TABLE 2C: SOIL ANALYTICAL SUMMARY - Carcinogenic PAHs

Facility Name: Shell-North Bay Village

FDEP Facility ID#: 13/8838306

SB4NN at 2'	9/14/2022	5 - 6	0-2	NS	0.071 i	0.108 i	0.102 i	0.056 U	0.075 i	0.019 U	0.091 i	0.12
SB4NN at 4'	9/14/2022	5 - 6	2-4	NS	0.201 U	0.211 i	0.285 i	0.328 U	0.151 i	0.109 U	0.328 U	0.4
SB4EE at 2'	9/14/2022	5 - 6	0-2	NS	2.45	3.16	3.84	1.18	2.48	0.315	2.7	3.75
SB4EE at 4'	9/14/2022	5 - 6	2-4	NS	4.62	5.44	7.23	2.19	4.65	0.662 i	5.27	7.1
SB8 NN at 2'	9/14/2022	5 - 6	0-2	NS	5.36	6.54	8.5	3.63	5.58	0.744 i	6.33	8.28
SB8 NN at 4'	9/14/2022	5 - 6	2-4	NS	7.56	12.9	12.4	5.32	8.58	0.952 i	7.74	11.88
SB8 SS at 2'	9/14/2022	5 - 6	0-2	NS	0.721	0.977	1.22	0.556	0.974	0.089 i	0.737	1.11
SB8 SS at 4'	9/14/2022	5 - 6	2-4	NS	0.168 i	0.183 i	0.279	0.121 i	0.214	0.024 i	0.191 i	0.26
SB-4EEE (0-2)	8/21/2023	NA	0-2	NA	8.04	12.9	12.1	4.4	10.4	0.807	6.35	12.04
SB-4EEE (2-4)	8/21/2023	NA	2-4	NA	2.11	3.05	3.42	1.31	2.87	0.235	1.84	3.19
SB-4EEN (0-2)	8/21/2023	NA	0-2	NA	0.34	0.296	0.63	0.2 I	0.254	0.058 I	0.494	0.54
SB-4EEN (2-4)	8/21/2023	NA	2-4	NA	0.867	0.617	1.35	0.519	0.713	0.142 I	1.13	1.32
SB-4EES (0-2)	8/21/2023	NA	0-2	NA	0.126 I	0.175 I	0.211	0.101 I	0.167 I	0.018 U	0.114 I	0.19
SB- EES (2-4)	8/21/2023	NA	2-4	NA	0.04 I	0.055 I	0.061 i	0.053 U	0.053 U	0.018 U	0.053 U	0.06
SB-4NNE (0-2)	8/21/2023	NA	0-2	NA	12.3	15.8	18.1	5.12	12.7	1.39	10.8	18.22
SB-4NNE (2-4)	8/21/2023	NA	2-4	NA	2.68	3.47	4.07	1.62	3.49	0.308	2.25	3.99
SB-4NNN (2-4)	8/21/2023	NA	2-4	NA	0.697	1.06	1.17	0.494	1.04	0.083 I	0.624	1.07
SB-4NNW (0-2)	8/21/2023	NA	0-2	NA	1.99	2.56	3.65	1.36	3.28	0.242	2.02	3.07
SB-4NNW (2-4)	8/21/2023	NA	2-4	NA	0.206 I	0.279	0.358	0.149 I	0.294	0.03 I	0.217	0.32
SB-8NNE (0-2)	8/21/2023	NA	0-2	NA	0.327	0.403	0.611	0.27	0.469	0.054 I	0.391	0.52
SB-8NNE (2-4)	8/21/2023	NA	2-4	NA	10.8	14.3	15.1	5.1	11.8	0.981	8.17	15.6
SB-8NNN (0-2)	8/21/2023	NA	0-2	NA	1.97	2.64	3.16	1.32	2.88	0.284	2.01	3.05
SB-8NNN (2-4)	8/21/2023	NA	2-4	NA	4.27	6.28	6.78	2.49	5.62	0.501	3.73	6.48
SB-8NNW (0-2)	8/21/2023	NA	0-2	NA	0.083 I	0.097 I	0.179 i	0.053 U	0.121 I	0.018 U	0.098 I	0.13
SB-8NNW (2-4)	8/21/2023	NA	2-4	NA	3.51	5.42	5.49	1.91	4.55	0.394	3.03	5.32
SB-8SSE (0-2)	8/21/2023	NA	0-2	NA	1.48	1.3	2.7	1.17	2.09	0.196 I	1.65	2.25
SB-8SSE (2-4)	8/21/2023	NA	2-4	NA	1.2	1.31	2.15	0.774	1.71	0.139 I	1.28	1.82
SB-8SSS (0-2)	8/21/2023	NA	0-2	NA	1.93	2.13	3.55	1.34	2.98	0.215	2.17	2.95
SB-8SSS (2-4)	8/21/2023	NA	2-4	NA	0.058 I	0.067 I	0.097 i	0.059 I	0.095 I	0.017 U	0.076 I	0.09
SB-8SSW (0-2)	8/21/2023	NA	0-2	NA	0.198 I	0.266	0.343	0.179 I	0.274	0.028 I	0.206 I	0.31
SB 8SSW (2-4)	8/21/2023	NA	2-4	NA	0.07 I	0.078 I	0.121 i	0.063 I	0.093 I	0.018 I	0.081 I	0.12

NA = Not Available

NS = Not Sampled.

MDL = Method Detection Limit

PQL = Practical Quantitation Limit

U = Compound anal

I = Reported value between the MDL and PQL

Bold indicates analyte is detected above the SCTL.

mg/kg = milligram per kilogram

OVA = Organic Vapor Analyzer, measured in parts per million (ppm)

SCTL = Soil Cleanup Target Level

ft bls = feet below land surface

= Direct Exposure value not applicable except as part of the benzo(a)pyrene equivalent

TABLE 3: GROUNDWATER ELEVATION TABLE (No FP)

Facility Name: Shell-North Bay Village
 Address: 1345 NE 79th St Csw
 City/State: North Bay Village, FL

FDEP Facility ID#: 13/8838306

All Measurements = Feet
 No Data = Blank
 Not Gauged = NG
 Not Installed = NI

WELL NO.	MW-1	MW-2	MW-3	MW-4	MW-5	MW-6	MW-7
DIAMETER (inches)	2	2	2	2	2	2	2
WELL DEPTH	14.20	14.00	13.95	14.40	13.30	12.50	14.80
SCREEN INTERVAL	UNKNOWN	UNKNOWN	UNKNOWN	UNKNOWN	UNKNOWN	UNKNOWN	UNKNOWN
TOC ELEVATION	12.46	12.48	12.56	12.36	13.02	13.22	12.90

DATE	ELEV	DTW	Diff.	ELEV	DTW	Diff.	ELEV	DTW	Diff.	ELEV	DTW	Diff.	ELEV	DTW	Diff.	ELEV	DTW	Diff.	ELEV	DTW	Diff.
4/15/2019							7.45	5.11		7.44	4.92		7.65	5.37					7.34	5.56	
4/17/2019	7.16	5.30		7.03	5.45											7.22	6.00				
8/12/2020	7.18	5.28	0.02	7.24	5.24	0.21	7.24	5.32		7.11	5.25		7.37	5.65		7.26	5.96	0.04	7.19	5.71	
1/8/2021				7.41	5.07	0.17	7.47	5.09	0.23							7.39	5.83	0.13			

WELL NO.	MW-8	MW-10	MW-HA-10	MW-SW	MW-9R	MW-HA-11	MW-NER
DIAMETER (inches)	2	2	2	2	2	2	2
WELL DEPTH	19.30	9	9.2	15.00	13	12.65	13.00
SCREEN INTERVAL	UNKNOWN	UNKNOWN	UNKNOWN	5 - 15	3-13	3-13	3-13
TOC ELEVATION	12.77	13.00	13.30	12.44	13.06	12.06	13.03

DATE	ELEV	DTW	Diff.	ELEV	DTW	Diff.	ELEV	DTW	Diff.	ELEV	DTW	Diff.	ELEV	DTW	Diff.	ELEV	DTW	Diff.	ELEV	DTW	Diff.
4/15/2019				7.23	5.77		7.26	6.04					7.33	5.73							
4/17/2019	7.02	5.75								7.54	4.90					6.21	5.85		7.18	5.85	
8/12/2020	7.25	5.52	0.23	7.14	5.86		7.21	6.09		7.18	5.26	-0.36	7.20	5.86		7.19	4.87	0.98	7.20	5.83	0.02
1/8/2021																			7.29	5.74	0.09
8/21/2023				7.20	5.80								7.78	5.28							

TABLE 3: GROUNDWATER ELEVATION TABLE (No FP)

Facility Name: Shell-North Bay Village
Address: 1345 NE 79th St Csw
City/State: North Bay Village, FL

FDEP Facility ID#: 13/8838306

All Measurements = Feet
 No Data = Blank
 Not Gauged = NG
 Not Installed = NI

WELL NO.	MW-HA-16R	MW-NWR	MW-HA-12R			
DIAMETER (inches)	2	2	2			
WELL DEPTH	13.00	13.00	13.00			
SCREEN INTERVAL	3-13	3-13	3-13			
TOC ELEVATION	12.99	12.49	12.12			

DATE	ELEV	DTW	Diff.	ELEV	DTW	Diff.	ELEV	DTW	Diff.	ELEV	DTW	Diff.	ELEV	DTW	Diff.	ELEV	DTW	Diff.	ELEV	DTW	Diff.	
4/15/2019																						
4/17/2019	7.19	5.80		7.04	5.45		6.77	5.35														
8/12/2020	7.21	5.78	0.02	7.15	5.34	0.11	7.28	4.84	0.51													
8/21/2023				7.28	5.21																	

Elev = elevation based on a value of 13 feet assigned to MW-10 top of casing
 DTW = Depth to groundwater
 Diff = Difference between previous DTW and most recent DTW

TABLE 3A: GROUNDWATER ELEVATION TABLE (No FP)

Facility Name: Shell-North Bay Vill
 Address: 1345 NE 79th St Csw
 City/State: North Bay Village, FL

FDEP Facility ID#: 13/8838306

All Measurements = Feet
 No Data = Blank
 Not Gauged = NG
 Not Installed = NI

WELL NO.	MW-NWC	MW-NW	MW-SW	MW-SWC	MW-NEC	MW-SEC	MW-NE
DIAMETER (inches)							
WELL DEPTH							
SCREEN INTERVAL							
TOC ELEVATION							

DATE	ELEV	DTW	Diff.	ELEV	DTW	Diff.	ELEV	DTW	Diff.	ELEV	DTW	Diff.	ELEV	DTW	Diff.	ELEV	DTW	Diff.	ELEV	DTW	Diff.	
8/4/1992		0.97			0.97			0.89			0.91			0.98			0.92			0.97		
1/12/1993		0.98			0.99			0.91			0.99			0.98			0.92			0.98		
9/23/1993		1.23			1.23			1.26			1.29			1.23			1.21			1.24		
1/7/1994		0.91			0.90			0.87			0.90			0.94			0.91			0.90		
4/7/1994		0.71			0.69			0.71			0.75			0.75			0.69			0.72		
9/7/1994								1.09			1.19									1.08		
		Destroyed			Destroyed			Destroyed			Destroyed			Destroyed			Destroyed			Destroyed		

WELL NO.	MW-SE	MW-9	MW-HA-10	MW-HA-11	MW-HA-12	MW-HA-13	MW-HA-14
DIAMETER (inches)			2	2	2	2	2
WELL DEPTH			13	13	13	13	13
SCREEN INTERVAL			3 - 13	3 - 13	3 - 13	3 - 13	3 - 13
TOC ELEVATION							

DATE	ELEV	DTW	Diff.	ELEV	DTW	Diff.	ELEV	DTW	Diff.	ELEV	DTW	Diff.	ELEV	DTW	Diff.	ELEV	DTW	Diff.	ELEV	DTW	Diff.	
8/4/1992		0.90			1.33			1.86			0.86			0.86			0.85			0.78		
1/12/1993		0.97			1.14			1.42			0.91			0.90			0.89			0.91		
9/23/1993		1.21			1.23			1.26			1.27			1.21			1.25			0.94		
1/7/1994		0.81			0.87			0.91			0.90			0.90			0.81			0.90		
4/7/1994		0.70			0.55			0.69			0.76			0.75			0.70			0.51		
9/7/1994		0.90									1.18			1.24			1.37			1.61		
		Destroyed			Destroyed			Well Still Present			Well Still Present			Well Still Present			Destroyed			Destroyed		

WELL NO.	MW-HA-15D	MW-HA-16				
DIAMETER (inches)	2	2				
WELL DEPTH	40.00	14.5				
SCREEN INTERVAL	35 - 40	4.5 - 14.5				
TOC ELEVATION						

DATE	ELEV	DTW	Diff.	ELEV	DTW	Diff.	ELEV	DTW	Diff.	ELEV	DTW	Diff.	ELEV	DTW	Diff.	ELEV	DTW	Diff.	ELEV	DTW	Diff.	
8/4/1992		0.04			1.00																	
1/12/1993		0.11			0.93																	
9/23/1993		0.92			1.21																	
1/7/1994		0.78			0.87																	
4/7/1994		0.20			0.70																	
9/7/1994																						
		Destroyed			Destroyed																	

Notes:

* Denotes well previously installed at the site

TABLE 4A: GROUNDWATER ANALYTICAL SUMMARY

Facility Name: Shell-North Bay Village

FDEP Facility ID No. 13/8838306

Sample		Benzene	Toluene	Ethyl-benzene	Total Xylenes	MTBE	EDB	Total Arsenic	Total Cadmium	Total Chromium	Total Lead	TRPH	
		(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	
GCTLs		1**	40**	30**	20**	20	0.02	10**	5**	100**	15**	5000	
NADCs		100	400	300	200	200	2	100	50	1000	150	50000	
Location	Date												
MW-SW	12/9/1991	4300	250 U	1300	760	5600	0.02 U	NS	NS	NS	16	NS	
	1/12/1993	1300	44	290	130	650	NS	NS	NS	NS	NS	NS	
	6/15/1993	81	25	35	33	340	NS	NS	NS	NS	5 U	1000 U	
	9/23/1993	90 D	2	59	19	770 D	NS	NS	NS	NS	NS	3000	
	1/7/1994	66	2.7	41	5.7	240	NS	NS	NS	NS	NS	1000 U	
	4/7/1994	24	1.0 U	16	4.9	360	NS	NS	NS	NS	NS	3400	
	9/7/1994	1.0 U	1.0 U	5.4	10	10 U	NS	NS	NS	NS	NS	NS	
	4/17/2019	0.18 U	0.49 U	0.38 U	1.1 U	0.24 U	NS	NS	NS	NS	NS	55 U	600 U
8/12/2020	0.400 U	0.400 U	0.400 U	0.800 U	0.400 U	NS	NS	NS	NS	NS	NS	320 U	
MW-NW	12/9/1991	1.0 U	1.2	1.0 U	1.0 U	21	NS	NS	NS	NS	NS	NS	
	1/12/1993	1.0 U	1.0 U	1.0 U	1.0 U	10 U	NS	NS	NS	NS	NS	NS	
MW-NWR	4/17/2019	0.18 U	0.49 U	0.38 U	1.1 U	0.24 U	NS	NS	NS	NS	NS	55 U	710
	8/13/2020	0.400 U	0.400 U	0.400 U	0.800 U	2.80	NS	NS	NS	NS	NS	NS	320 U
MW-SWC	12/9/1991	300	25 U	300	170	250 U	NS	NS	NS	NS	NS	NS	
	8/6/1992	NS	NS	NS	NS	NS	0.02 U	NS	NS	NS	NS	600	
	1/12/1993	2	1.0 U	35	3.6	12	NS	NS	NS	NS	NS	NS	
	9/23/1993	1	1.0 U	2	3 U	4	NS	NS	NS	NS	NS	3000 U	
	1/7/1994	1.0 U	1.0 U	3	1.0 U	10 U	NS	NS	NS	NS	NS	1000 U	
	4/7/1994	1.0 U	1.0 U	1.0 U	1.0 U	10 U	NS	NS	NS	NS	NS	1000 U	
MW-NWC	12/9/1991	1.0 U	1.0 U	1.0 U	1.0 U	10 U	NS	NS	NS	NS	NS	NS	
	1/12/1993	1.0 U	1.0 U	1.0 U	1.0 U	10 U	NS	NS	NS	NS	NS	NS	
MW-NE	12/9/1991	39	29	5.8	12	590	NS	NS	NS	NS	NS	NS	
	1/12/1993	140	370	410	1100	10 U	NS	NS	NS	NS	NS	10000	
	6/15/1993	1.2	2.9	2	1.7	34	NS	NS	NS	NS	NS	23	
	9/23/1993	1.0 U	1.0 U	2	3.0 U	19	NS	NS	NS	NS	NS	3000 U	
	1/7/1994	1.0 U	1.0 U	1.0 U	1.0 U	10 U	NS	NS	NS	NS	NS	1000 U	
	4/7/1994	1.0 U	1.0 U	1.0 U	1.0 U	10 U	NS	NS	NS	NS	NS	14000	
MW-NER	9/7/1994	10 U	100	390	1600	100 U	NS	NS	NS	NS	NS	2100	
	4/17/2019	0.18 U	0.49 U	0.38 U	1.1 U	3.1	0.013 U	NS	NS	NS	NS	55 U	950
	8/12/2020	0.400 U	0.400 U	0.400 U	0.800 U	21.7	NS	NS	NS	NS	NS	NS	320 U
	1/8/2021	0.400 U	0.400 U	0.400 U	0.800 U	0.400 U	NS	NS	NS	NS	NS	NS	

TABLE 4A: GROUNDWATER ANALYTICAL SUMMARY

Facility Name: Shell-North Bay Village

FDEP Facility ID No. 13/8838306

Sample		Benzene	Toluene	Ethyl-benzene	Total Xylenes	MTBE	EDB	Total Arsenic	Total Cadmium	Total Chromium	Total Lead	TRPH
		(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)
GCTLs		1**	40**	30**	20**	20	0.02	10**	5**	100**	15**	5000
NADCs		100	400	300	200	200	2	100	50	1000	150	50000
Location	Date											
MW-9R	4/15/2019	0.16 U	0.23 U	0.24 U	0.53 U	3.8	0.20 U	0.010 U	NS	NS	5.5 U	1100
	8/13/2020	0.400 U	0.400 U	0.400 U	0.800 U	2.69	NS	NS	NS	NS	NS	649
	8/21/2023	NS	NS	NS	NS	NS	NS	NS	NS	0.80 U	NS	NS
MW-10	12/9/1991	3400	250 U	1100	680	4500	NS	NS	NS	NS	NS	NS
	2/3/1992	1.0 U	1.0 U	1.0 U	1.0 U	10 U	NS	NS	NS	NS	61	1000 U
	1/12/1993	1.0 U	1.0 U	1.0 U	1.0 U	12	NS	NS	NS	NS	NS	NS
	4/15/2019	0.18 U	0.49 U	0.38 U	1.1 U	2.7	NS	NS	NS	NS	5.5 U	600 U
	8/12/2020	0.400 U	0.400 U	0.400 U	0.800 U	4.01	NS	NS	NS	NS	NS	426 I
MW-HA-10	4/15/2019	0.18 U	0.49 U	0.38 U	1.1 U	0.24 U	NS	NS	NS	NS	2.2 U	600 U
	8/12/2020	0.400 U	0.400 U	0.400 U	0.800 U	0.400 U	NS	NS	NS	NS	NS	320 U
MW-11	2/3/1992	1.0 U	1.0 U	5	2	10 U	NS	NS	NS	NS	NS	NS
	1/12/1993	1.0 U	1.0 U	1.0 U	1.0 U	21	NS	NS	NS	NS	NS	NS
	9/23/1993	1.0 U	1.0 U	1.0 U	3.0 U	170	NS	NS	NS	NS	NS	NS
	1/7/1994	3.2	1.0 U	1.0 U	1.0 U	56	NS	NS	NS	NS	NS	NS
	9/7/1994	1.0 U	1.0 U	1.0 U	1.0 U	10 U	NS	NS	NS	NS	NS	NS
MW-HA-11	4/17/2019	0.18 U	0.49 U	0.38 U	1.1 U	0.24 U	NS	NS	NS	NS	55 U	600 U
	8/12/2020	0.400 U	0.400 U	0.400 U	0.800 U	0.750 I	NS	NS	NS	NS	NS	498 I
MW-12	2/3/1992	1.0 U	1.0 U	6.6	1.1	31	NS	NS	NS	NS	NS	NS
	1/13/1993	1.0 U	1.0 U	1.0 U	1.0 U	10 U	NS	NS	NS	NS	NS	NS
	9/23/1993	1.0 U	1.0 U	1.0 U	3.0 U	14	NS	NS	NS	NS	NS	NS
	1/7/1994	1.0 U	1.0 U	1.0 U	1.0 U	54	NS	NS	NS	NS	NS	NS
	9/7/1994	1.0 U	1.0 U	1.0 U	1.0 U	10 U	NS	NS	NS	NS	NS	NS
MW-HA-12R	4/17/2019	0.18 U	0.49 U	0.38 U	1.1 U	0.24 U	NS	NS	NS	NS	NS	630 I
	8/12/2020	0.400 U	0.400 U	0.400 U	0.800 U	0.400 U	NS	NS	NS	NS	NS	509 I
MW-HA-16R	4/17/2019	0.18 U	0.49 U	0.38 U	1.1 U	NS	0.24 U	NS	NS	NS	55 U	600 U
	8/13/2020	0.400 U	0.400 U	0.400 U	0.800 U	0.400 U	NS	NS	NS	NS	NS	320 U

TABLE 4A: GROUNDWATER ANALYTICAL SUMMARY

Facility Name: Shell-North Bay Village

FDEP Facility ID No. 13/8838306

Sample		Benzene	Toluene	Ethyl-benzene	Total Xylenes	MTBE	EDB	Total Arsenic	Total Cadmium	Total Chromium	Total Lead	TRPH
		(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)
GCTLs		1**	40**	30**	20**	20	0.02	10**	5**	100**	15**	5000
NADCs		100	400	300	200	200	2	100	50	1000	150	50000
Location	Date											
MW-13	2/3/1992	1.0 U	1.0 U	1.0 U	1.0 U	10 U	NS	NS	NS	NS	NS	NS
	9/23/1993	1.0 U	1.0 U	1.0 U	3.0 U	2.0 U	NS	NS	NS	NS	NS	NS
	1/7/1994	1.0 U	1.0 U	1.0 U	1.0 U	10 U	NS	NS	NS	NS	NS	1000 U
	4/7/1994	1.0 U	1.0 U	1.0 U	1.0 U	10 U	NS	NS	NS	NS	NS	1000 U
	9/7/1994	1.0 U	1.0 U	1.0 U	1.0 U	10 U	NS	NS	NS	NS	NS	NS
MW-14	2/3/1992	1.0 U	1.0 U	1.0 U	1.0 U	98	NS	NS	NS	NS	NS	NS
	9/23/1993	1.0 U	1.0 U	1.0 U	3.0 U	2.0 U	NS	NS	NS	NS	NS	NS
	1/7/1994	1.0 U	1.0 U	1.0 U	1.0 U	10 U	NS	NS	NS	NS	NS	1000 U
	4/7/1994	1.0 U	1.0 U	1.0 U	1.0 U	10 U	NS	NS	NS	NS	NS	1000 U
	9/7/1994	1.0 U	1.0 U	1.0 U	1.0 U	10 U	NS	NS	NS	NS	NS	1000 U
MW-15D	2/3/1992	1.0 U	1.0 U	1.0 U	1.0 U	10 U	NS	NS	NS	NS	NS	NS
	8/6/1992	NS	NS	NS	NS	NS	0.02 U	NS	NS	NS	5.0 U	NS
	1/13/1993	1.0 U	1.0 U	1.0 U	1.0 U	10 U	NS	NS	NS	NS	NS	NS
MW-16	8/6/1992	1.0 U	1.0 U	1.0 U	1.0 U	10 U	NS	NS	NS	NS	NS	NS
	1/12/1993	1.0 U	1.0 U	1.0 U	1.0 U	10 U	NS	NS	NS	NS	NS	NS
MW-17	6/15/1993	1.0 U	1.0 U	1.0 U	1.0 U	10 U	NS	NS	NS	NS	23	1000 U
MW-NT	8/6/1992	1.0 U	1.0 U	1.0 U	1.0 U	10 U	NS	NS	NS	NS	NS	NS
MW-RAM	1/12/1993	1.0 U	1.0 U	1.0 U	1.0 U	11	NS	NS	NS	NS	NS	NS
MW-DG	9/23/1993	1.0 U	1.0 U	1.0 U	2.0 U	2.0 U	NS	NS	NS	NS	NS	NS
MW-TRE	1/7/1994	1.0 U	1.0 U	1.0 U	1.0 U	10 U	NS	NS	NS	NS	NS	1000 U
MW-CS	4/7/1994	1.0 U	1.0 U	1.0 U	1.0 U	10 U	NS	NS	NS	NS	NS	1000 U
IDW (0-2)	8/21/2023	4.00 U	NS	NS	NS	NS	NS	NS	NS	NS	22	NS

MDL = Method Detection Limit

PQL = Practical Quantitation Limit

U = Compound analyzed but not detected above MDL

I = Reported value between the MDL and PQL

Bold indicates analyte is detected above the GCTL.

J3 = The reported value failed to meet the established quality control for either precision or accuracy.

GCTLs = Groundwater Cleanup Target Levels specified in Table I of Chapter 62-777, F.A.C.

NADCs = Natural Attenuation Default Source Concentrations specified in Table V of Chapter 62-777, F.A.C.

** = As provided in Chapter 62-550, F.A.C.

* = Monitoring wells belong to the site across the Old Cutler Road (FAC ID 8505567)

ug/L = micrograms per Liter

L = Off-scale high. Reported value is above the calibration range.

TABLE 4B : GROUNDWATER ANALYTICAL SUMMARY

Facility Name: Shell-North Bay Village

FDEP Facility ID No. 13/8838306

Sample	Naphthalene	1-Methyl-naphthalene	2-Methyl-naphthalene	Acenaphtene	Acenaphthylene	Anthracene	Benzo (g,h,i) perylene	Fluoranthene	Fluorene	Phenanthrene	Pyrene	
	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	
GCTLs	14	28	28	20	210	2100	210	280	280	210	210	
NADCs	140	280	280	200	2100	21000	2100	2800	2800	2100	2100	
Location	Date											
MW-SE	2/3/1992	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
	1/13/1993	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
MW-SEC	2/3/1992	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
	1/13/1993	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
MW-1	4/17/2019	0.19 U	0.20 U	0.20 U	0.16 U	0.17 U	0.14 U	0.19 U	0.15 U	0.15 U	0.16 U	0.14 U
	8/13/2020	0.050 U	0.050 U	0.050 U	0.025 U	0.025 U	0.025 U	0.015 U	0.025 U	0.025 U	0.050 U	0.025 U
MW-2	4/17/2019	1.2	0.8	1.3	0.16 U	0.17 U	0.14 U	0.19 U	0.15 U	0.15 U	0.16 U	0.14 U
	8/12/2020	0.050 U	0.050 U	0.050 U	0.025 U	0.025 U	0.025 U	0.015 U	0.025 U	0.025 U	0.050 U	0.025 U
MW-3	4/15/2019	0.19 U	0.20 U	0.20 U	0.16 U	0.17 U	0.14 U	0.19 U	0.15 U	0.15 U	0.16 U	0.14 U
	8/12/2020	0.050 U	0.050 U	0.050 U	0.025 U	0.025 U	0.025 U	0.015 U	0.025 U	0.025 U	0.050 U	0.025 U
MW-4	4/15/2019	0.19 U	0.20 U	0.20 U	0.16 U	0.17 U	0.14 U	0.19 U	0.15 U	0.15 U	0.16 U	0.14 U
	8/12/2020	0.050 U	0.050 U	0.050 U	0.025 U	0.025 U	0.025 U	0.015 U	0.025 U	0.025 U	0.050 U	0.025 U
MW-5	4/15/2019	0.19 U	0.20 U	0.20 U	0.16 U	0.17 U	0.14 U	0.19 U	0.15 U	0.15 U	0.16 U	0.14 U
	8/12/2020	0.050 U	0.050 U	0.050 U	0.025 U	0.025 U	0.025 U	0.015 U	0.025 U	0.025 U	0.050 U	0.025 U
MW-6	4/17/2019	0.19 U	0.20 U	0.20 U	0.16 U	0.17 U	0.14 U	0.19 U	0.15 U	0.15 U	0.16 U	0.14 U
	8/12/2020	0.050 U	0.050 U	0.050 U	0.025 U	0.025 U	0.025 U	0.015 U	0.025 U	0.025 U	0.050 U	0.025 U
MW-7	4/15/2019	0.19 U	0.20 U	0.20 U	0.16 U	0.17 U	0.14 U	0.19 U	0.15 U	0.15 U	0.16 U	0.14 U
	8/13/2020	0.050 U	0.050 U	0.050 U	0.025 U	0.025 U	0.025 U	0.015 U	0.025 U	0.025 U	0.050 U	0.025 U
MW-8	4/17/2019	0.19 U	0.20 U	0.20 U	0.16 U	0.17 U	0.14 U	0.19 U	0.15 U	0.15 U	0.16 U	0.14 U
	8/13/2020	0.050 U	0.050 U	0.050 U	0.025 U	0.025 U	0.025 U	0.015 U	0.025 U	0.025 U	0.050 U	0.025 U
MW-9	12/9/1991	10 U	NS	NS	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
MW-9R	4/15/2019	0.94 U	0.050 U	0.049 U	0.070 I	0.042 U	0.035 U	0.070 I	0.037 U	0.038 U	0.040 U	0.036 U
	8/13/2020	0.050 U	0.050 U	0.050 U	0.025 U	0.025 U	0.025 U	0.015 U	0.025 U	0.025 U	0.050 U	0.025 U
MW-10	2/3/1992	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
	1/12/1993	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
	4/15/2019	0.19 U	0.20 U	0.20 U	0.16 U	0.17 U	0.14 U	0.19 U	0.15 U	0.15 U	0.16 U	0.14 U
	8/12/2020	0.050 U	0.050 U	0.050 U	0.025 U	0.025 U	0.025 U	0.015 U	0.025 U	0.025 U	0.050 U	0.025 U

TABLE 4B : GROUNDWATER ANALYTICAL SUMMARY

Facility Name: Shell-North Bay Village

FDEP Facility ID No. 13/8838306

Sample	Naphthalene	1-Methyl-naphthalene	2-Methyl-naphthalene	Acenaphthene	Acenaphthylene	Anthracene	Benzo (g,h,i) perylene	Fluoranthene	Fluorene	Phenanthrene	Pyrene	
	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	
GCTLs	14	28	28	20	210	2100	210	280	280	210	210	
NADCs	140	280	280	200	2100	21000	2100	2800	2800	2100	2100	
Location	Date											
MW-16	8/6/1992		10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
	1/12/1993		10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
MW-17	6/15/1993		10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
MW-NT	8/6/1992		10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
MW-RAM	1/12/1993		10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
MW-DG	1/13/1993		10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
MW-TRE	1/7/1994		10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
MW-CS	4/7/1994		10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U

MDL = Method Detection Limit

PQL = Practical Quantitation Limit

U = Compound analyzed but not detected above MDL

I = Reported value between the MDL and PQL

Bold indicates analyte is detected above the GCTL.

J3 = The reported value failed to meet the established quality control for either precision or accuracy.

L = Off-scale high. Reported value is above the calibration range.

V = Indicates that the analyte was detected in both the sample and the associated method blank

GCTLs = Groundwater Cleanup Target Levels specified in Table I of Chapter 62-777, F.A.C.

NADCs = Natural Attenuation Default Source Concentrations specified in Table V of Chapter 62-777, F.A.C.

** = As provided in Chapter 62-550, F.A.C.

* = Monitoring wells belong to the site across the Old Cutler Road (FAC ID 8505567)

ug/L = micrograms per Liter

TABLE 4C : GROUNDWATER ANALYTICAL SUMMARY

Facility Name: Shell-North Bay Village

FDEP Facility ID No. 13/8838306

Sample		Benzo (a) pyrene	Benzo (a) anthracene	Benzo (b) fluoranthene	Benzo (k) fluoranthene	Chrysene	Dibenz (a,h) anthracene	Indeno (1,2,3-cd) pyrene
		(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)
GCTLs		0.2	0.05	0.05	0.5	4.8	0.005	0.05
NADCs		20	5	5	50	480	0.5	5
Location	Date							
MW-NER	4/17/2019	0.15 U	0.049 U	0.050 U	0.19 U	0.13 U	0.095 U	0.045 U
	8/12/2020	0.015 U	0.025 U	0.015 U	0.015 U	0.025 U	0.0050 U	0.015 U
	1/8/2021	0.015 U	0.025 U	0.015 U	0.015 U	0.025 U	0.0050 U	0.015 U
MW-NEC	1/12/1993	10 U	10 U	10 U	10 U	10 U	10 U	10 U
MW-SE	2/3/1992	10 U	10 U	10 U	10 U	10 U	10 U	10 U
	1/13/1993	10 U	10 U	10 U	10 U	10 U	10 U	10 U
MW-SEC	2/3/1992	10 U	10 U	10 U	10 U	10 U	10 U	10 U
	1/12/1993	10 U	10 U	10 U	10 U	10 U	10 U	10 U
MW-1	4/17/2019	0.15 U	0.049 U	0.050 U	0.19 U	0.13 U	0.095 U	0.045 U
	8/13/2020	0.015 U	0.025 U	0.015 U	0.015 U	0.025 U	0.0050 U	0.015 U
MW-2	4/17/2019	0.15 U	0.049 U	0.050 U	0.19 U	0.13 U	0.095 U	0.045 U
	8/12/2020	0.015 U	0.025 U	0.015 U	0.015 U	0.025 U	0.0050 U	0.015 U
MW-3	4/15/2019	0.15 U	0.049 U	0.050 U	0.19 U	0.13 U	0.095 U	0.045 U
	8/12/2020	0.015 U	0.025 U	0.015 U	0.015 U	0.025 U	0.0050 U	0.015 U
MW-4	4/15/2019	0.15 U	0.049 U	0.050 U	0.19 U	0.13 U	0.095 U	0.045 U
	8/12/2020	0.15 U	0.025 U	0.015 U	0.015 U	0.025 U	0.0050 U	0.015 U
MW-5	4/15/2019	0.15 U	0.049 U	0.050 U	0.19 U	0.13 U	0.095 U	0.045 U
	8/12/2020	0.015 U	0.025 U	0.015 U	0.015 U	0.025 U	0.0050 U	0.015 U
MW-6	4/17/2019	0.15 U	0.049 U	0.050 U	0.19 U	0.13 U	0.095 U	0.045 U
	8/12/2020	0.015 U	0.025 U	0.015 U	0.015 U	0.025 U	0.0050 U	0.015 U

TABLE 4C : GROUNDWATER ANALYTICAL SUMMARY

Facility Name: Shell-North Bay Village

FDEP Facility ID No. 13/8838306

Sample		Benzo (a) pyrene	Benzo (a) anthracene	Benzo (b) fluoranthene	Benzo (k) fluoranthene	Chrysene	Dibenz (a,h) anthracene	Indeno (1,2,3-cd) pyrene
		(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)
GCTLs		0.2	0.05	0.05	0.5	4.8	0.005	0.05
NADCs		20	5	5	50	480	0.5	5
Location	Date							
MW-7	4/15/2019	0.15 U	0.049 U	0.050 U	0.19 U	0.13 U	0.095 U	0.045 U
	8/13/2020	0.015 U	0.025 U	0.015 U	0.015 U	0.025 U	0.0050 U	0.015 U
MW-8	4/17/2019	0.15 U	0.049 U	0.050 U	0.19 U	0.13 U	0.095 U	0.045 U
	8/13/2020	0.015 I	0.025 U	0.020 I	0.015 U	0.025 U	0.0050 U	0.015 U
MW-9	12/9/1991	10 U	10 U	10 U	10 U	10 U	10 U	10 U
MW-9R	4/15/2019	0.13 I	0.012 U	0.012 U	0.048 U	0.033 U	0.024 U	0.070 I
	8/13/2020	0.015 U	0.025 U	0.015 U	0.015 U	0.025 U	0.0050 U	0.015 U
MW-10	2/3/1992	10 U	10 U	10 U	10 U	10 U	10 U	10 U
	1/12/1993	10 U	10 U	10 U	10 U	10 U	10 U	10 U
	4/15/2019	0.15 U	0.049 U	0.050 U	0.19 U	0.13 U	0.095 U	0.045 U
	8/12/2020	0.015 U	0.025 U	0.015 U	0.015 U	0.025 U	0.0050 U	0.015 U
MW-HA-10	4/15/2019	0.15 U	0.049 U	0.050 U	0.19 U	0.13 U	0.095 U	0.045 U
	8/12/2020	0.015 U	0.025 U	0.015 U	0.015 U	0.025 U	0.0050 U	0.015 U
MW-11	2/3/1992	10 U	10 U	10 U	10 U	10 U	10 U	10 U
	1/12/1993	10 U	10 U	10 U	10 U	10 U	10 U	10 U
	9/29/1993	10 U	10 U	10 U	10 U	10 U	10 U	10 U
	1/7/1994	10 U	10 U	10 U	10 U	10 U	10 U	10 U
	4/7/1994	10 U	10 U	10 U	10 U	10 U	10 U	10 U
	9/7/1994	10 U	10 U	10 U	10 U	10 U	10 U	10 U
MW-HA-11	4/17/2019	0.15 U	0.049 U	0.050 U	0.19 U	0.13 U	0.095 U	0.045 U
	8/12/2020	0.015 U	0.025 U	0.015 U	0.015 U	0.025 U	0.0050 U	0.015 U

TABLE 4C : GROUNDWATER ANALYTICAL SUMMARY

Facility Name: Shell-North Bay Village

FDEP Facility ID No. 13/8838306

Sample		Benzo (a) pyrene	Benzo (a) anthracene	Benzo (b) fluoranthene	Benzo (k) fluoranthene	Chrysene	Dibenz (a,h) anthracene	Indeno (1,2,3-cd) pyrene
		(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)
GCTLs		0.2	0.05	0.05	0.5	4.8	0.005	0.05
NADCs		20	5	5	50	480	0.5	5
Location	Date							
MW-NT	8/6/1992	10 U	10 U	10 U	10 U	10 U	10 U	10 U
MW-RAM	1/12/1993	10 U	10 U	10 U	10 U	10 U	10 U	10 U
MW-DG	1/13/1993	10 U	10 U	10 U	10 U	10 U	10 U	10 U
MW-TRE	1/7/1994	10 U	10 U	10 U	10 U	10 U	10 U	10 U
MW-CS	4/7/1994	10 U	10 U	10 U	10 U	10 U	10 U	10 U

MDL = Method Detection Limit

PQL = Practical Quantitation Limit

U = Compound analyzed but not detected above MDL

I = Reported value between the MDL and PQL

Bold indicates analyte is detected above the GCTL.

J3 = The reported value failed to meet the established quality control for either precision or accuracy.

L = Off-scale high. Reported value is above the calibration range.

V = Indicates that the analyte was detected in both the sample and the associated method blank

GCTLs = Groundwater Cleanup Target Levels specified in Table I of Chapter 62-777, F.A.C.

NADCs = Natural Attenuation Default Source Concentrations specified in Table V of Chapter 62-777, F.A.C.

** = As provided in Chapter 62-550, F.A.C.

* = Monitoring wells belong to the site across the Old Cutler Road (FAC ID 8505567)

ug/L = micrograms per Liter

Benzo(a)pyrene Conversion Table

For Direct Exposure Soil Cleanup Target Levels

Facility/Site Name: Shell - North Bay Village
 Location: North Bay Village, FL
 Facility/Site ID No.: 13/8838306

Soil Sample No. SB-4EEE (0-2)
 Sample Date 8/21/2023
 Location: SB-4EEE
 Depth (ft): 0-2

INSTRUCTIONS: Calculate Total Benzo(a)pyrene Equivalents if at least one of the carcinogenic PAHs is detected in the sample at a concentration equal to or higher than the Method Detection Limit (MDL), whether quantified with certainty (the concentration reported has no qualifier) or estimated (the concentration reported has a “J”, “T” or “I” qualifier). Enter the contaminant concentrations (in mg/kg) for all seven carcinogenic PAHs in the yellow boxes using the following criteria (and see table below):

1. If quantified with certainty, or estimated and has the “J” qualifier, enter the reported value;
2. If not detected at the MDL (the concentration reported is the MDL followed by the “U” qualifier) enter 1/2 of the reported value;
3. If detected at a concentration lower than the MDL and the concentration is estimated (has the “T” qualifier) enter the estimated value;
4. If detected at a concentration equal to or higher than the MDL but lower than the Practical Quantitation Limit (PQL) and the concentration is estimated (has the “I” qualifier) enter the estimated value;
5. If detected at a concentration equal to or higher than the MDL but lower than the PQL and it is not estimated (the concentration reported is the PQL followed by the “M” qualifier) enter 1/2 of the reported value.

Contaminant	Concentration (mg/kg)	Toxic Equivalency Factor	Benzo(a)pyrene Equivalents
Benzo(a)pyrene	8.040	1.0	8.0400
Benzo(a)anthracene	12.900	0.1	1.2900
Benzo(b)fluoranthene	12.100	0.1	1.2100
Benzo(k)fluoranthene	4.400	0.01	0.0440
Chrysene	10.400	0.001	0.0104
Dibenz(a,h)anthracene	0.807	1.0	0.8070
Indeno(1,2,3-cd)pyrene	6.350	0.1	0.6350

DE Residential = 0.1 mg/kg; DE Industrial = 0.7 mg/kg

Total Benzo(a)pyrene Equivalents = 12.04

The concentration shown EXCEEDS the Residential Direct Exposure SCTL of 0.1 mg/kg.

The concentration shown EXCEEDS the Industrial Direct Exposure SCTL of 0.7 mg/kg.

Summary Criteria for Table Entries

Detection	Concentration Reported	Data Qualifier	Enter
Various	Quantified with certainty	None	reported value
Various	Estimated	J	reported (estimated) value
ND at MDL	MDL	U	1/2 reported value
< MDL	Estimated	T	reported (estimated) value
≥ MDL but < PQL	Estimated	I	reported (estimated) value
≥ MDL but < PQL	PQL	M	1/2 reported value

Benzo(a)pyrene Conversion Table

For Direct Exposure Soil Cleanup Target Levels

Facility/Site Name: Shell - North Bay Village
 Location: North Bay Village, FL
 Facility/Site ID No.: 13/8838306

Soil Sample No. SB-4EEE (2-4)
 Sample Date 8/21/2023
 Location: SB-4EEE
 Depth (ft): 2-4

INSTRUCTIONS: Calculate Total Benzo(a)pyrene Equivalents if at least one of the carcinogenic PAHs is detected in the sample at a concentration equal to or higher than the Method Detection Limit (MDL), whether quantified with certainty (the concentration reported has no qualifier) or estimated (the concentration reported has a “J”, “T” or “I” qualifier). Enter the contaminant concentrations (in mg/kg) for all seven carcinogenic PAHs in the yellow boxes using the following criteria (and see table below):

1. If quantified with certainty, or estimated and has the “J” qualifier, enter the reported value;
2. If not detected at the MDL (the concentration reported is the MDL followed by the “U” qualifier) enter 1/2 of the reported value;
3. If detected at a concentration lower than the MDL and the concentration is estimated (has the “T” qualifier) enter the estimated value;
4. If detected at a concentration equal to or higher than the MDL but lower than the Practical Quantitation Limit (PQL) and the concentration is estimated (has the “I” qualifier) enter the estimated value;
5. If detected at a concentration equal to or higher than the MDL but lower than the PQL and it is not estimated (the concentration reported is the PQL followed by the “M” qualifier) enter 1/2 of the reported value.

Contaminant	Concentration (mg/kg)	Toxic Equivalency Factor	Benzo(a)pyrene Equivalents
Benzo(a)pyrene	2.110	1.0	2.1100
Benzo(a)anthracene	3.050	0.1	0.3050
Benzo(b)fluoranthene	3.420	0.1	0.3420
Benzo(k)fluoranthene	1.310	0.01	0.0131
Chrysene	2.870	0.001	0.0029
Dibenz(a,h)anthracene	0.235	1.0	0.2350
Indeno(1,2,3-cd)pyrene	1.840	0.1	0.1840

DE Residential = 0.1 mg/kg; DE Industrial = 0.7 mg/kg

Total Benzo(a)pyrene Equivalents = 3.19

The concentration shown EXCEEDS the Residential Direct Exposure SCTL of 0.1 mg/kg.

The concentration shown EXCEEDS the Industrial Direct Exposure SCTL of 0.7 mg/kg.

Summary Criteria for Table Entries

Detection	Concentration Reported	Data Qualifier	Enter
Various	Quantified with certainty	None	reported value
Various	Estimated	J	reported (estimated) value
ND at MDL	MDL	U	1/2 reported value
< MDL	Estimated	T	reported (estimated) value
≥ MDL but < PQL	Estimated	I	reported (estimated) value
≥ MDL but < PQL	PQL	M	1/2 reported value

Benzo(a)pyrene Conversion Table

For Direct Exposure Soil Cleanup Target Levels

Facility/Site Name: Shell - North Bay Village
 Location: North Bay Village, FL
 Facility/Site ID No.: 13/8838306

Soil Sample No. SB-4EEN (0-2)
 Sample Date 8/21/2023
 Location: SB-4EEN
 Depth (ft): 0-2

INSTRUCTIONS: Calculate Total Benzo(a)pyrene Equivalents if at least one of the carcinogenic PAHs is detected in the sample at a concentration equal to or higher than the Method Detection Limit (MDL), whether quantified with certainty (the concentration reported has no qualifier) or estimated (the concentration reported has a “J”, “T” or “I” qualifier). Enter the contaminant concentrations (in mg/kg) for all seven carcinogenic PAHs in the yellow boxes using the following criteria (and see table below):

1. If quantified with certainty, or estimated and has the “J” qualifier, enter the reported value;
2. If not detected at the MDL (the concentration reported is the MDL followed by the “U” qualifier) enter 1/2 of the reported value;
3. If detected at a concentration lower than the MDL and the concentration is estimated (has the “T” qualifier) enter the estimated value;
4. If detected at a concentration equal to or higher than the MDL but lower than the Practical Quantitation Limit (PQL) and the concentration is estimated (has the “I” qualifier) enter the estimated value;
5. If detected at a concentration equal to or higher than the MDL but lower than the PQL and it is not estimated (the concentration reported is the PQL followed by the “M” qualifier) enter 1/2 of the reported value.

Contaminant	Concentration (mg/kg)	Toxic Equivalency Factor	Benzo(a)pyrene Equivalents
Benzo(a)pyrene	0.340	1.0	0.3400
Benzo(a)anthracene	0.296	0.1	0.0296
Benzo(b)fluoranthene	0.630	0.1	0.0630
Benzo(k)fluoranthene	0.200	0.01	0.0020
Chrysene	0.254	0.001	0.0003
Dibenz(a,h)anthracene	0.058	1.0	0.0580
Indeno(1,2,3-cd)pyrene	0.494	0.1	0.0494

DE Residential = 0.1 mg/kg; DE Industrial = 0.7 mg/kg

Total Benzo(a)pyrene Equivalents = 0.54

The concentration shown EXCEEDS the Residential Direct Exposure SCTL of 0.1 mg/kg.

The concentration shown does not exceed the Industrial Direct Exposure SCTL of 0.7 mg/kg.

Summary Criteria for Table Entries			
Detection	Concentration Reported	Data Qualifier	Enter
Various	Quantified with certainty	None	reported value
Various	Estimated	J	reported (estimated) value
ND at MDL	MDL	U	1/2 reported value
< MDL	Estimated	T	reported (estimated) value
≥ MDL but < PQL	Estimated	I	reported (estimated) value
≥ MDL but < PQL	PQL	M	1/2 reported value

Benzo(a)pyrene Conversion Table

For Direct Exposure Soil Cleanup Target Levels

Facility/Site Name: Shell - North Bay Village
 Location: North Bay Village, FL
 Facility/Site ID No.: 13/8838306

Soil Sample No. SB-4EEN (2-4)
 Sample Date 8/21/2023
 Location: SB-4EEN
 Depth (ft): 2-4

INSTRUCTIONS: Calculate Total Benzo(a)pyrene Equivalents if at least one of the carcinogenic PAHs is detected in the sample at a concentration equal to or higher than the Method Detection Limit (MDL), whether quantified with certainty (the concentration reported has no qualifier) or estimated (the concentration reported has a “J”, “T” or “I” qualifier). Enter the contaminant concentrations (in mg/kg) for all seven carcinogenic PAHs in the yellow boxes using the following criteria (and see table below):

1. If quantified with certainty, or estimated and has the “J” qualifier, enter the reported value;
2. If not detected at the MDL (the concentration reported is the MDL followed by the “U” qualifier) enter 1/2 of the reported value;
3. If detected at a concentration lower than the MDL and the concentration is estimated (has the “T” qualifier) enter the estimated value;
4. If detected at a concentration equal to or higher than the MDL but lower than the Practical Quantitation Limit (PQL) and the concentration is estimated (has the “I” qualifier) enter the estimated value;
5. If detected at a concentration equal to or higher than the MDL but lower than the PQL and it is not estimated (the concentration reported is the PQL followed by the “M” qualifier) enter 1/2 of the reported value.

Contaminant	Concentration (mg/kg)	Toxic Equivalency Factor	Benzo(a)pyrene Equivalents
Benzo(a)pyrene	0.867	1.0	0.8670
Benzo(a)anthracene	0.617	0.1	0.0617
Benzo(b)fluoranthene	1.350	0.1	0.1350
Benzo(k)fluoranthene	0.519	0.01	0.0052
Chrysene	0.713	0.001	0.0007
Dibenz(a,h)anthracene	0.142	1.0	0.1420
Indeno(1,2,3-cd)pyrene	1.130	0.1	0.1130

DE Residential = 0.1 mg/kg; DE Industrial = 0.7 mg/kg

Total Benzo(a)pyrene Equivalents = 1.32

The concentration shown EXCEEDS the Residential Direct Exposure SCTL of 0.1 mg/kg.

The concentration shown EXCEEDS the Industrial Direct Exposure SCTL of 0.7 mg/kg.

Summary Criteria for Table Entries

Detection	Concentration Reported	Data Qualifier	Enter
Various	Quantified with certainty	None	reported value
Various	Estimated	J	reported (estimated) value
ND at MDL	MDL	U	1/2 reported value
< MDL	Estimated	T	reported (estimated) value
≥ MDL but < PQL	Estimated	I	reported (estimated) value
≥ MDL but < PQL	PQL	M	1/2 reported value

Benzo(a)pyrene Conversion Table

For Direct Exposure Soil Cleanup Target Levels

Facility/Site Name: Shell - North Bay Village
 Location: North Bay Village, FL
 Facility/Site ID No.: 13/8838306

Soil Sample No. SB-4EES (0-2)
 Sample Date 8/21/2023
 Location: SB-4EES
 Depth (ft): 0-2

INSTRUCTIONS: Calculate Total Benzo(a)pyrene Equivalents if at least one of the carcinogenic PAHs is detected in the sample at a concentration equal to or higher than the Method Detection Limit (MDL), whether quantified with certainty (the concentration reported has no qualifier) or estimated (the concentration reported has a “J”, “T” or “I” qualifier). Enter the contaminant concentrations (in mg/kg) for all seven carcinogenic PAHs in the yellow boxes using the following criteria (and see table below):

1. If quantified with certainty, or estimated and has the “J” qualifier, enter the reported value;
2. If not detected at the MDL (the concentration reported is the MDL followed by the “U” qualifier) enter 1/2 of the reported value;
3. If detected at a concentration lower than the MDL and the concentration is estimated (has the “T” qualifier) enter the estimated value;
4. If detected at a concentration equal to or higher than the MDL but lower than the Practical Quantitation Limit (PQL) and the concentration is estimated (has the “I” qualifier) enter the estimated value;
5. If detected at a concentration equal to or higher than the MDL but lower than the PQL and it is not estimated (the concentration reported is the PQL followed by the “M” qualifier) enter 1/2 of the reported value.

Contaminant	Concentration (mg/kg)	Toxic Equivalency Factor	Benzo(a)pyrene Equivalents
Benzo(a)pyrene	0.126	1.0	0.1260
Benzo(a)anthracene	0.175	0.1	0.0175
Benzo(b)fluoranthene	0.211	0.1	0.0211
Benzo(k)fluoranthene	0.101	0.01	0.0010
Chrysene	0.167	0.001	0.0002
Dibenz(a,h)anthracene	0.009	1.0	0.0090
Indeno(1,2,3-cd)pyrene	0.114	0.1	0.0114

DE Residential = 0.1 mg/kg; DE Industrial = 0.7 mg/kg

Total Benzo(a)pyrene Equivalents = 0.19

The concentration shown EXCEEDS the Residential Direct Exposure SCTL of 0.1 mg/kg.

The concentration shown does not exceed the Industrial Direct Exposure SCTL of 0.7 mg/kg.

Summary Criteria for Table Entries			
Detection	Concentration Reported	Data Qualifier	Enter
Various	Quantified with certainty	None	reported value
Various	Estimated	J	reported (estimated) value
ND at MDL	MDL	U	1/2 reported value
< MDL	Estimated	T	reported (estimated) value
≥ MDL but < PQL	Estimated	I	reported (estimated) value
≥ MDL but < PQL	PQL	M	1/2 reported value

Benzo(a)pyrene Conversion Table

For Direct Exposure Soil Cleanup Target Levels

Facility/Site Name: Shell - North Bay Village
 Location: North Bay Village, FL
 Facility/Site ID No.: 13/8838306

Soil Sample No. SB-4EES (2-4)
 Sample Date 8/21/2023
 Location: SB-4EES
 Depth (ft): 2-4

INSTRUCTIONS: Calculate Total Benzo(a)pyrene Equivalents if at least one of the carcinogenic PAHs is detected in the sample at a concentration equal to or higher than the Method Detection Limit (MDL), whether quantified with certainty (the concentration reported has no qualifier) or estimated (the concentration reported has a “J”, “T” or “I” qualifier). Enter the contaminant concentrations (in mg/kg) for all seven carcinogenic PAHs in the yellow boxes using the following criteria (and see table below):

1. If quantified with certainty, or estimated and has the “J” qualifier, enter the reported value;
2. If not detected at the MDL (the concentration reported is the MDL followed by the “U” qualifier) enter 1/2 of the reported value;
3. If detected at a concentration lower than the MDL and the concentration is estimated (has the “T” qualifier) enter the estimated value;
4. If detected at a concentration equal to or higher than the MDL but lower than the Practical Quantitation Limit (PQL) and the concentration is estimated (has the “I” qualifier) enter the estimated value;
5. If detected at a concentration equal to or higher than the MDL but lower than the PQL and it is not estimated (the concentration reported is the PQL followed by the “M” qualifier) enter 1/2 of the reported value.

Contaminant	Concentration (mg/kg)	Toxic Equivalency Factor	Benzo(a)pyrene Equivalents
Benzo(a)pyrene	0.040	1.0	0.0400
Benzo(a)anthracene	0.055	0.1	0.0055
Benzo(b)fluoranthene	0.061	0.1	0.0061
Benzo(k)fluoranthene	0.027	0.01	0.0003
Chrysene	0.027	0.001	0.0000
Dibenz(a,h)anthracene	0.009	1.0	0.0090
Indeno(1,2,3-cd)pyrene	0.027	0.1	0.0027

DE Residential = 0.1 mg/kg; DE Industrial = 0.7 mg/kg

Total Benzo(a)pyrene Equivalents = **0.06**

The concentration shown does not exceed the Residential Direct Exposure SCTL of 0.1 mg/kg.

The concentration shown does not exceed the Industrial Direct Exposure SCTL of 0.7 mg/kg.

Summary Criteria for Table Entries			
Detection	Concentration Reported	Data Qualifier	Enter
Various	Quantified with certainty	None	reported value
Various	Estimated	J	reported (estimated) value
ND at MDL	MDL	U	1/2 reported value
< MDL	Estimated	T	reported (estimated) value
≥ MDL but < PQL	Estimated	I	reported (estimated) value
≥ MDL but < PQL	PQL	M	1/2 reported value

Benzo(a)pyrene Conversion Table

For Direct Exposure Soil Cleanup Target Levels

Facility/Site Name: Shell - North Bay Village
 Location: North Bay Village, FL
 Facility/Site ID No.: 13/8838306

Soil Sample No. SB-4NNE (0-2)
 Sample Date 8/21/2023
 Location: SB-4NNE
 Depth (ft): 0-2

INSTRUCTIONS: Calculate Total Benzo(a)pyrene Equivalents if at least one of the carcinogenic PAHs is detected in the sample at a concentration equal to or higher than the Method Detection Limit (MDL), whether quantified with certainty (the concentration reported has no qualifier) or estimated (the concentration reported has a “J”, “T” or “I” qualifier). Enter the contaminant concentrations (in mg/kg) for all seven carcinogenic PAHs in the yellow boxes using the following criteria (and see table below):

1. If quantified with certainty, or estimated and has the “J” qualifier, enter the reported value;
2. If not detected at the MDL (the concentration reported is the MDL followed by the “U” qualifier) enter 1/2 of the reported value;
3. If detected at a concentration lower than the MDL and the concentration is estimated (has the “T” qualifier) enter the estimated value;
4. If detected at a concentration equal to or higher than the MDL but lower than the Practical Quantitation Limit (PQL) and the concentration is estimated (has the “I” qualifier) enter the estimated value;
5. If detected at a concentration equal to or higher than the MDL but lower than the PQL and it is not estimated (the concentration reported is the PQL followed by the “M” qualifier) enter 1/2 of the reported value.

Contaminant	Concentration (mg/kg)	Toxic Equivalency Factor	Benzo(a)pyrene Equivalents
Benzo(a)pyrene	12.300	1.0	12.3000
Benzo(a)anthracene	15.800	0.1	1.5800
Benzo(b)fluoranthene	18.100	0.1	1.8100
Benzo(k)fluoranthene	5.120	0.01	0.0512
Chrysene	12.700	0.001	0.0127
Dibenz(a,h)anthracene	1.390	1.0	1.3900
Indeno(1,2,3-cd)pyrene	10.800	0.1	1.0800

DE Residential = 0.1 mg/kg; DE Industrial = 0.7 mg/kg

Total Benzo(a)pyrene Equivalents = **18.22**

The concentration shown EXCEEDS the Residential Direct Exposure SCTL of 0.1 mg/kg.

The concentration shown EXCEEDS the Industrial Direct Exposure SCTL of 0.7 mg/kg.

Summary Criteria for Table Entries

Detection	Concentration Reported	Data Qualifier	Enter
Various	Quantified with certainty	None	reported value
Various	Estimated	J	reported (estimated) value
ND at MDL	MDL	U	1/2 reported value
< MDL	Estimated	T	reported (estimated) value
≥ MDL but < PQL	Estimated	I	reported (estimated) value
≥ MDL but < PQL	PQL	M	1/2 reported value

Benzo(a)pyrene Conversion Table

For Direct Exposure Soil Cleanup Target Levels

Facility/Site Name: Shell - North Bay Village
 Location: North Bay Village, FL
 Facility/Site ID No.: 13/8838306

Soil Sample No. SB-4NNE (2-4)
 Sample Date 8/21/2023
 Location: SB-4NNE
 Depth (ft): 2-4

INSTRUCTIONS: Calculate Total Benzo(a)pyrene Equivalents if at least one of the carcinogenic PAHs is detected in the sample at a concentration equal to or higher than the Method Detection Limit (MDL), whether quantified with certainty (the concentration reported has no qualifier) or estimated (the concentration reported has a “J”, “T” or “I” qualifier). Enter the contaminant concentrations (in mg/kg) for all seven carcinogenic PAHs in the yellow boxes using the following criteria (and see table below):

1. If quantified with certainty, or estimated and has the “J” qualifier, enter the reported value;
2. If not detected at the MDL (the concentration reported is the MDL followed by the “U” qualifier) enter 1/2 of the reported value;
3. If detected at a concentration lower than the MDL and the concentration is estimated (has the “T” qualifier) enter the estimated value;
4. If detected at a concentration equal to or higher than the MDL but lower than the Practical Quantitation Limit (PQL) and the concentration is estimated (has the “I” qualifier) enter the estimated value;
5. If detected at a concentration equal to or higher than the MDL but lower than the PQL and it is not estimated (the concentration reported is the PQL followed by the “M” qualifier) enter 1/2 of the reported value.

Contaminant	Concentration (mg/kg)	Toxic Equivalency Factor	Benzo(a)pyrene Equivalents
Benzo(a)pyrene	2.680	1.0	2.6800
Benzo(a)anthracene	3.470	0.1	0.3470
Benzo(b)fluoranthene	4.070	0.1	0.4070
Benzo(k)fluoranthene	1.620	0.01	0.0162
Chrysene	3.490	0.001	0.0035
Dibenz(a,h)anthracene	0.308	1.0	0.3080
Indeno(1,2,3-cd)pyrene	2.250	0.1	0.2250

DE Residential = 0.1 mg/kg; DE Industrial = 0.7 mg/kg

Total Benzo(a)pyrene Equivalents = 3.99

The concentration shown EXCEEDS the Residential Direct Exposure SCTL of 0.1 mg/kg.

The concentration shown EXCEEDS the Industrial Direct Exposure SCTL of 0.7 mg/kg.

Summary Criteria for Table Entries

Detection	Concentration Reported	Data Qualifier	Enter
Various	Quantified with certainty	None	reported value
Various	Estimated	J	reported (estimated) value
ND at MDL	MDL	U	1/2 reported value
< MDL	Estimated	T	reported (estimated) value
≥ MDL but < PQL	Estimated	I	reported (estimated) value
≥ MDL but < PQL	PQL	M	1/2 reported value

Benzo(a)pyrene Conversion Table

For Direct Exposure Soil Cleanup Target Levels

Facility/Site Name: Shell - North Bay Village
 Location: North Bay Village, FL
 Facility/Site ID No.: 13/8838306

Soil Sample No. SB-4NNN (2-4)
 Sample Date 8/21/2023
 Location: SB-4NNN
 Depth (ft): 2-4

INSTRUCTIONS: Calculate Total Benzo(a)pyrene Equivalents if at least one of the carcinogenic PAHs is detected in the sample at a concentration equal to or higher than the Method Detection Limit (MDL), whether quantified with certainty (the concentration reported has no qualifier) or estimated (the concentration reported has a “J”, “T” or “I” qualifier). Enter the contaminant concentrations (in mg/kg) for all seven carcinogenic PAHs in the yellow boxes using the following criteria (and see table below):

1. If quantified with certainty, or estimated and has the “J” qualifier, enter the reported value;
2. If not detected at the MDL (the concentration reported is the MDL followed by the “U” qualifier) enter 1/2 of the reported value;
3. If detected at a concentration lower than the MDL and the concentration is estimated (has the “T” qualifier) enter the estimated value;
4. If detected at a concentration equal to or higher than the MDL but lower than the Practical Quantitation Limit (PQL) and the concentration is estimated (has the “I” qualifier) enter the estimated value;
5. If detected at a concentration equal to or higher than the MDL but lower than the PQL and it is not estimated (the concentration reported is the PQL followed by the “M” qualifier) enter 1/2 of the reported value.

Contaminant	Concentration (mg/kg)	Toxic Equivalency Factor	Benzo(a)pyrene Equivalents
Benzo(a)pyrene	0.697	1.0	0.6970
Benzo(a)anthracene	1.060	0.1	0.1060
Benzo(b)fluoranthene	1.170	0.1	0.1170
Benzo(k)fluoranthene	0.494	0.01	0.0049
Chrysene	1.040	0.001	0.0010
Dibenz(a,h)anthracene	0.083	1.0	0.0830
Indeno(1,2,3-cd)pyrene	0.624	0.1	0.0624

DE Residential = 0.1 mg/kg; DE Industrial = 0.7 mg/kg

Total Benzo(a)pyrene Equivalents = **1.07**

The concentration shown EXCEEDS the Residential Direct Exposure SCTL of 0.1 mg/kg.

The concentration shown EXCEEDS the Industrial Direct Exposure SCTL of 0.7 mg/kg.

Summary Criteria for Table Entries

Detection	Concentration Reported	Data Qualifier	Enter
Various	Quantified with certainty	None	reported value
Various	Estimated	J	reported (estimated) value
ND at MDL	MDL	U	1/2 reported value
< MDL	Estimated	T	reported (estimated) value
≥ MDL but < PQL	Estimated	I	reported (estimated) value
≥ MDL but < PQL	PQL	M	1/2 reported value

Benzo(a)pyrene Conversion Table

For Direct Exposure Soil Cleanup Target Levels

Facility/Site Name: Shell - North Bay Village
 Location: North Bay Village, FL
 Facility/Site ID No.: 13/8838306

Soil Sample No. SB-4NNW (0-2)
 Sample Date 8/21/2023
 Location: SB-4NNW
 Depth (ft): 0-2

INSTRUCTIONS: Calculate Total Benzo(a)pyrene Equivalents if at least one of the carcinogenic PAHs is detected in the sample at a concentration equal to or higher than the Method Detection Limit (MDL), whether quantified with certainty (the concentration reported has no qualifier) or estimated (the concentration reported has a “J”, “T” or “I” qualifier). Enter the contaminant concentrations (in mg/kg) for all seven carcinogenic PAHs in the yellow boxes using the following criteria (and see table below):

1. If quantified with certainty, or estimated and has the “J” qualifier, enter the reported value;
2. If not detected at the MDL (the concentration reported is the MDL followed by the “U” qualifier) enter 1/2 of the reported value;
3. If detected at a concentration lower than the MDL and the concentration is estimated (has the “T” qualifier) enter the estimated value;
4. If detected at a concentration equal to or higher than the MDL but lower than the Practical Quantitation Limit (PQL) and the concentration is estimated (has the “I” qualifier) enter the estimated value;
5. If detected at a concentration equal to or higher than the MDL but lower than the PQL and it is not estimated (the concentration reported is the PQL followed by the “M” qualifier) enter 1/2 of the reported value.

Contaminant	Concentration (mg/kg)	Toxic Equivalency Factor	Benzo(a)pyrene Equivalents
Benzo(a)pyrene	1.990	1.0	1.9900
Benzo(a)anthracene	2.560	0.1	0.2560
Benzo(b)fluoranthene	3.650	0.1	0.3650
Benzo(k)fluoranthene	1.360	0.01	0.0136
Chrysene	3.280	0.001	0.0033
Dibenz(a,h)anthracene	0.242	1.0	0.2420
Indeno(1,2,3-cd)pyrene	2.020	0.1	0.2020

DE Residential = 0.1 mg/kg; DE Industrial = 0.7 mg/kg

Total Benzo(a)pyrene Equivalents = **3.07**

The concentration shown EXCEEDS the Residential Direct Exposure SCTL of 0.1 mg/kg.

The concentration shown EXCEEDS the Industrial Direct Exposure SCTL of 0.7 mg/kg.

Summary Criteria for Table Entries

Detection	Concentration Reported	Data Qualifier	Enter
Various	Quantified with certainty	None	reported value
Various	Estimated	J	reported (estimated) value
ND at MDL	MDL	U	1/2 reported value
< MDL	Estimated	T	reported (estimated) value
≥ MDL but < PQL	Estimated	I	reported (estimated) value
≥ MDL but < PQL	PQL	M	1/2 reported value

Benzo(a)pyrene Conversion Table

For Direct Exposure Soil Cleanup Target Levels

Facility/Site Name: Shell - North Bay Village
 Location: North Bay Village, FL
 Facility/Site ID No.: 13/8838306

Soil Sample No. SB-4NNW (2-4)
 Sample Date 8/21/2023
 Location: SB-4NNW
 Depth (ft): 2-4

INSTRUCTIONS: Calculate Total Benzo(a)pyrene Equivalents if at least one of the carcinogenic PAHs is detected in the sample at a concentration equal to or higher than the Method Detection Limit (MDL), whether quantified with certainty (the concentration reported has no qualifier) or estimated (the concentration reported has a “J”, “T” or “I” qualifier). Enter the contaminant concentrations (in mg/kg) for all seven carcinogenic PAHs in the yellow boxes using the following criteria (and see table below):

1. If quantified with certainty, or estimated and has the “J” qualifier, enter the reported value;
2. If not detected at the MDL (the concentration reported is the MDL followed by the “U” qualifier) enter 1/2 of the reported value;
3. If detected at a concentration lower than the MDL and the concentration is estimated (has the “T” qualifier) enter the estimated value;
4. If detected at a concentration equal to or higher than the MDL but lower than the Practical Quantitation Limit (PQL) and the concentration is estimated (has the “I” qualifier) enter the estimated value;
5. If detected at a concentration equal to or higher than the MDL but lower than the PQL and it is not estimated (the concentration reported is the PQL followed by the “M” qualifier) enter 1/2 of the reported value.

Contaminant	Concentration (mg/kg)	Toxic Equivalency Factor	Benzo(a)pyrene Equivalents
Benzo(a)pyrene	0.206	1.0	0.2060
Benzo(a)anthracene	0.279	0.1	0.0279
Benzo(b)fluoranthene	0.358	0.1	0.0358
Benzo(k)fluoranthene	0.149	0.01	0.0015
Chrysene	0.294	0.001	0.0003
Dibenz(a,h)anthracene	0.030	1.0	0.0300
Indeno(1,2,3-cd)pyrene	0.217	0.1	0.0217

DE Residential = 0.1 mg/kg; DE Industrial = 0.7 mg/kg

Total Benzo(a)pyrene Equivalents = 0.32

The concentration shown EXCEEDS the Residential Direct Exposure SCTL of 0.1 mg/kg.

The concentration shown does not exceed the Industrial Direct Exposure SCTL of 0.7 mg/kg.

Summary Criteria for Table Entries			
Detection	Concentration Reported	Data Qualifier	Enter
Various	Quantified with certainty	None	reported value
Various	Estimated	J	reported (estimated) value
ND at MDL	MDL	U	1/2 reported value
< MDL	Estimated	T	reported (estimated) value
≥ MDL but < PQL	Estimated	I	reported (estimated) value
≥ MDL but < PQL	PQL	M	1/2 reported value

Benzo(a)pyrene Conversion Table

For Direct Exposure Soil Cleanup Target Levels

Facility/Site Name: Shell - North Bay Village
 Location: North Bay Village, FL
 Facility/Site ID No.: 13/8838306

Soil Sample No. SB-8NNE (0-2)
 Sample Date 8/21/2023
 Location: SB-8NNE
 Depth (ft): 0-2

INSTRUCTIONS: Calculate Total Benzo(a)pyrene Equivalents if at least one of the carcinogenic PAHs is detected in the sample at a concentration equal to or higher than the Method Detection Limit (MDL), whether quantified with certainty (the concentration reported has no qualifier) or estimated (the concentration reported has a “J”, “T” or “I” qualifier). Enter the contaminant concentrations (in mg/kg) for all seven carcinogenic PAHs in the yellow boxes using the following criteria (and see table below):

1. If quantified with certainty, or estimated and has the “J” qualifier, enter the reported value;
2. If not detected at the MDL (the concentration reported is the MDL followed by the “U” qualifier) enter 1/2 of the reported value;
3. If detected at a concentration lower than the MDL and the concentration is estimated (has the “T” qualifier) enter the estimated value;
4. If detected at a concentration equal to or higher than the MDL but lower than the Practical Quantitation Limit (PQL) and the concentration is estimated (has the “I” qualifier) enter the estimated value;
5. If detected at a concentration equal to or higher than the MDL but lower than the PQL and it is not estimated (the concentration reported is the PQL followed by the “M” qualifier) enter 1/2 of the reported value.

Contaminant	Concentration (mg/kg)	Toxic Equivalency Factor	Benzo(a)pyrene Equivalents
Benzo(a)pyrene	0.327	1.0	0.3270
Benzo(a)anthracene	0.403	0.1	0.0403
Benzo(b)fluoranthene	0.611	0.1	0.0611
Benzo(k)fluoranthene	0.270	0.01	0.0027
Chrysene	0.469	0.001	0.0005
Dibenz(a,h)anthracene	0.054	1.0	0.0540
Indeno(1,2,3-cd)pyrene	0.391	0.1	0.0391

DE Residential = 0.1 mg/kg; DE Industrial = 0.7 mg/kg

Total Benzo(a)pyrene Equivalents = 0.52

The concentration shown EXCEEDS the Residential Direct Exposure SCTL of 0.1 mg/kg.

The concentration shown does not exceed the Industrial Direct Exposure SCTL of 0.7 mg/kg.

Summary Criteria for Table Entries			
Detection	Concentration Reported	Data Qualifier	Enter
Various	Quantified with certainty	None	reported value
Various	Estimated	J	reported (estimated) value
ND at MDL	MDL	U	1/2 reported value
< MDL	Estimated	T	reported (estimated) value
≥ MDL but < PQL	Estimated	I	reported (estimated) value
≥ MDL but < PQL	PQL	M	1/2 reported value

Benzo(a)pyrene Conversion Table

For Direct Exposure Soil Cleanup Target Levels

Facility/Site Name: Shell - North Bay Village
 Location: North Bay Village, FL
 Facility/Site ID No.: 13/8838306

Soil Sample No. SB-8NNE (2-4)
 Sample Date 8/21/2023
 Location: SB-8NNE
 Depth (ft): 2-4

INSTRUCTIONS: Calculate Total Benzo(a)pyrene Equivalents if at least one of the carcinogenic PAHs is detected in the sample at a concentration equal to or higher than the Method Detection Limit (MDL), whether quantified with certainty (the concentration reported has no qualifier) or estimated (the concentration reported has a “J”, “T” or “I” qualifier). Enter the contaminant concentrations (in mg/kg) for all seven carcinogenic PAHs in the yellow boxes using the following criteria (and see table below):

1. If quantified with certainty, or estimated and has the “J” qualifier, enter the reported value;
2. If not detected at the MDL (the concentration reported is the MDL followed by the “U” qualifier) enter 1/2 of the reported value;
3. If detected at a concentration lower than the MDL and the concentration is estimated (has the “T” qualifier) enter the estimated value;
4. If detected at a concentration equal to or higher than the MDL but lower than the Practical Quantitation Limit (PQL) and the concentration is estimated (has the “I” qualifier) enter the estimated value;
5. If detected at a concentration equal to or higher than the MDL but lower than the PQL and it is not estimated (the concentration reported is the PQL followed by the “M” qualifier) enter 1/2 of the reported value.

Contaminant	Concentration (mg/kg)	Toxic Equivalency Factor	Benzo(a)pyrene Equivalents
Benzo(a)pyrene	10.800	1.0	10.8000
Benzo(a)anthracene	14.300	0.1	1.4300
Benzo(b)fluoranthene	15.100	0.1	1.5100
Benzo(k)fluoranthene	5.100	0.01	0.0510
Chrysene	11.800	0.001	0.0118
Dibenz(a,h)anthracene	0.981	1.0	0.9810
Indeno(1,2,3-cd)pyrene	8.170	0.1	0.8170

DE Residential = 0.1 mg/kg; DE Industrial = 0.7 mg/kg

Total Benzo(a)pyrene Equivalents = **15.60**

The concentration shown EXCEEDS the Residential Direct Exposure SCTL of 0.1 mg/kg.

The concentration shown EXCEEDS the Industrial Direct Exposure SCTL of 0.7 mg/kg.

Summary Criteria for Table Entries

Detection	Concentration Reported	Data Qualifier	Enter
Various	Quantified with certainty	None	reported value
Various	Estimated	J	reported (estimated) value
ND at MDL	MDL	U	1/2 reported value
< MDL	Estimated	T	reported (estimated) value
≥ MDL but < PQL	Estimated	I	reported (estimated) value
≥ MDL but < PQL	PQL	M	1/2 reported value

Benzo(a)pyrene Conversion Table

For Direct Exposure Soil Cleanup Target Levels

Facility/Site Name: Shell - North Bay Village
 Location: North Bay Village, FL
 Facility/Site ID No.: 13/8838306

Soil Sample No. SB-8NNN (0-2)
 Sample Date 8/21/2023
 Location: SB-8NNN
 Depth (ft): 0-2

INSTRUCTIONS: Calculate Total Benzo(a)pyrene Equivalents if at least one of the carcinogenic PAHs is detected in the sample at a concentration equal to or higher than the Method Detection Limit (MDL), whether quantified with certainty (the concentration reported has no qualifier) or estimated (the concentration reported has a “J”, “T” or “I” qualifier). Enter the contaminant concentrations (in mg/kg) for all seven carcinogenic PAHs in the yellow boxes using the following criteria (and see table below):

1. If quantified with certainty, or estimated and has the “J” qualifier, enter the reported value;
2. If not detected at the MDL (the concentration reported is the MDL followed by the “U” qualifier) enter 1/2 of the reported value;
3. If detected at a concentration lower than the MDL and the concentration is estimated (has the “T” qualifier) enter the estimated value;
4. If detected at a concentration equal to or higher than the MDL but lower than the Practical Quantitation Limit (PQL) and the concentration is estimated (has the “I” qualifier) enter the estimated value;
5. If detected at a concentration equal to or higher than the MDL but lower than the PQL and it is not estimated (the concentration reported is the PQL followed by the “M” qualifier) enter 1/2 of the reported value.

Contaminant	Concentration (mg/kg)	Toxic Equivalency Factor	Benzo(a)pyrene Equivalents
Benzo(a)pyrene	1.970	1.0	1.9700
Benzo(a)anthracene	2.640	0.1	0.2640
Benzo(b)fluoranthene	3.160	0.1	0.3160
Benzo(k)fluoranthene	1.320	0.01	0.0132
Chrysene	2.880	0.001	0.0029
Dibenz(a,h)anthracene	0.284	1.0	0.2840
Indeno(1,2,3-cd)pyrene	2.010	0.1	0.2010

DE Residential = 0.1 mg/kg; DE Industrial = 0.7 mg/kg

Total Benzo(a)pyrene Equivalents = 3.05

The concentration shown EXCEEDS the Residential Direct Exposure SCTL of 0.1 mg/kg.

The concentration shown EXCEEDS the Industrial Direct Exposure SCTL of 0.7 mg/kg.

Summary Criteria for Table Entries

Detection	Concentration Reported	Data Qualifier	Enter
Various	Quantified with certainty	None	reported value
Various	Estimated	J	reported (estimated) value
ND at MDL	MDL	U	1/2 reported value
< MDL	Estimated	T	reported (estimated) value
≥ MDL but < PQL	Estimated	I	reported (estimated) value
≥ MDL but < PQL	PQL	M	1/2 reported value

Benzo(a)pyrene Conversion Table

For Direct Exposure Soil Cleanup Target Levels

Facility/Site Name: Shell - North Bay Village
 Location: North Bay Village, FL
 Facility/Site ID No.: 13/8838306

Soil Sample No. SB-8NNN (2-4)
 Sample Date 8/21/2023
 Location: SB-8NNN
 Depth (ft): 2-4

INSTRUCTIONS: Calculate Total Benzo(a)pyrene Equivalents if at least one of the carcinogenic PAHs is detected in the sample at a concentration equal to or higher than the Method Detection Limit (MDL), whether quantified with certainty (the concentration reported has no qualifier) or estimated (the concentration reported has a “J”, “T” or “I” qualifier). Enter the contaminant concentrations (in mg/kg) for all seven carcinogenic PAHs in the yellow boxes using the following criteria (and see table below):

1. If quantified with certainty, or estimated and has the “J” qualifier, enter the reported value;
2. If not detected at the MDL (the concentration reported is the MDL followed by the “U” qualifier) enter 1/2 of the reported value;
3. If detected at a concentration lower than the MDL and the concentration is estimated (has the “T” qualifier) enter the estimated value;
4. If detected at a concentration equal to or higher than the MDL but lower than the Practical Quantitation Limit (PQL) and the concentration is estimated (has the “I” qualifier) enter the estimated value;
5. If detected at a concentration equal to or higher than the MDL but lower than the PQL and it is not estimated (the concentration reported is the PQL followed by the “M” qualifier) enter 1/2 of the reported value.

Contaminant	Concentration (mg/kg)	Toxic Equivalency Factor	Benzo(a)pyrene Equivalents
Benzo(a)pyrene	4.270	1.0	4.2700
Benzo(a)anthracene	6.280	0.1	0.6280
Benzo(b)fluoranthene	6.780	0.1	0.6780
Benzo(k)fluoranthene	2.490	0.01	0.0249
Chrysene	5.620	0.001	0.0056
Dibenz(a,h)anthracene	0.501	1.0	0.5010
Indeno(1,2,3-cd)pyrene	3.730	0.1	0.3730

DE Residential = 0.1 mg/kg; DE Industrial = 0.7 mg/kg

Total Benzo(a)pyrene Equivalents = 6.48

The concentration shown EXCEEDS the Residential Direct Exposure SCTL of 0.1 mg/kg.

The concentration shown EXCEEDS the Industrial Direct Exposure SCTL of 0.7 mg/kg.

Summary Criteria for Table Entries

Detection	Concentration Reported	Data Qualifier	Enter
Various	Quantified with certainty	None	reported value
Various	Estimated	J	reported (estimated) value
ND at MDL	MDL	U	1/2 reported value
< MDL	Estimated	T	reported (estimated) value
≥ MDL but < PQL	Estimated	I	reported (estimated) value
≥ MDL but < PQL	PQL	M	1/2 reported value

Benzo(a)pyrene Conversion Table

For Direct Exposure Soil Cleanup Target Levels

Facility/Site Name: Shell - North Bay Village
 Location: North Bay Village, FL
 Facility/Site ID No.: 13/8838306

Soil Sample No. SB-8NNW (0-2)
 Sample Date 8/21/2023
 Location: SB-8NNW
 Depth (ft): 0-2

INSTRUCTIONS: Calculate Total Benzo(a)pyrene Equivalents if at least one of the carcinogenic PAHs is detected in the sample at a concentration equal to or higher than the Method Detection Limit (MDL), whether quantified with certainty (the concentration reported has no qualifier) or estimated (the concentration reported has a “J”, “T” or “I” qualifier). Enter the contaminant concentrations (in mg/kg) for all seven carcinogenic PAHs in the yellow boxes using the following criteria (and see table below):

1. If quantified with certainty, or estimated and has the “J” qualifier, enter the reported value;
2. If not detected at the MDL (the concentration reported is the MDL followed by the “U” qualifier) enter 1/2 of the reported value;
3. If detected at a concentration lower than the MDL and the concentration is estimated (has the “T” qualifier) enter the estimated value;
4. If detected at a concentration equal to or higher than the MDL but lower than the Practical Quantitation Limit (PQL) and the concentration is estimated (has the “I” qualifier) enter the estimated value;
5. If detected at a concentration equal to or higher than the MDL but lower than the PQL and it is not estimated (the concentration reported is the PQL followed by the “M” qualifier) enter 1/2 of the reported value.

Contaminant	Concentration (mg/kg)	Toxic Equivalency Factor	Benzo(a)pyrene Equivalents
Benzo(a)pyrene	0.083	1.0	0.0830
Benzo(a)anthracene	0.097	0.1	0.0097
Benzo(b)fluoranthene	0.179	0.1	0.0179
Benzo(k)fluoranthene	0.027	0.01	0.0003
Chrysene	0.121	0.001	0.0001
Dibenz(a,h)anthracene	0.009	1.0	0.0090
Indeno(1,2,3-cd)pyrene	0.098	0.1	0.0098

DE Residential = 0.1 mg/kg; DE Industrial = 0.7 mg/kg

Total Benzo(a)pyrene Equivalents = **0.13**

The concentration shown does not exceed the Residential Direct Exposure SCTL of 0.1 mg/kg.

The concentration shown does not exceed the Industrial Direct Exposure SCTL of 0.7 mg/kg.

Summary Criteria for Table Entries			
Detection	Concentration Reported	Data Qualifier	Enter
Various	Quantified with certainty	None	reported value
Various	Estimated	J	reported (estimated) value
ND at MDL	MDL	U	1/2 reported value
< MDL	Estimated	T	reported (estimated) value
≥ MDL but < PQL	Estimated	I	reported (estimated) value
≥ MDL but < PQL	PQL	M	1/2 reported value

Benzo(a)pyrene Conversion Table

For Direct Exposure Soil Cleanup Target Levels

Facility/Site Name: Shell - North Bay Village
 Location: North Bay Village, FL
 Facility/Site ID No.: 13/8838306

Soil Sample No. SB-8NNW (2-4)
 Sample Date 8/21/2023
 Location: SB-8NNW
 Depth (ft): 2-4

INSTRUCTIONS: Calculate Total Benzo(a)pyrene Equivalents if at least one of the carcinogenic PAHs is detected in the sample at a concentration equal to or higher than the Method Detection Limit (MDL), whether quantified with certainty (the concentration reported has no qualifier) or estimated (the concentration reported has a “J”, “T” or “I” qualifier). Enter the contaminant concentrations (in mg/kg) for all seven carcinogenic PAHs in the yellow boxes using the following criteria (and see table below):

1. If quantified with certainty, or estimated and has the “J” qualifier, enter the reported value;
2. If not detected at the MDL (the concentration reported is the MDL followed by the “U” qualifier) enter 1/2 of the reported value;
3. If detected at a concentration lower than the MDL and the concentration is estimated (has the “T” qualifier) enter the estimated value;
4. If detected at a concentration equal to or higher than the MDL but lower than the Practical Quantitation Limit (PQL) and the concentration is estimated (has the “I” qualifier) enter the estimated value;
5. If detected at a concentration equal to or higher than the MDL but lower than the PQL and it is not estimated (the concentration reported is the PQL followed by the “M” qualifier) enter 1/2 of the reported value.

Contaminant	Concentration (mg/kg)	Toxic Equivalency Factor	Benzo(a)pyrene Equivalents
Benzo(a)pyrene	3.510	1.0	3.5100
Benzo(a)anthracene	5.420	0.1	0.5420
Benzo(b)fluoranthene	5.490	0.1	0.5490
Benzo(k)fluoranthene	1.910	0.01	0.0191
Chrysene	4.550	0.001	0.0046
Dibenz(a,h)anthracene	0.394	1.0	0.3940
Indeno(1,2,3-cd)pyrene	3.030	0.1	0.3030

DE Residential = 0.1 mg/kg; DE Industrial = 0.7 mg/kg

Total Benzo(a)pyrene Equivalents = 5.32

The concentration shown EXCEEDS the Residential Direct Exposure SCTL of 0.1 mg/kg.

The concentration shown EXCEEDS the Industrial Direct Exposure SCTL of 0.7 mg/kg.

Summary Criteria for Table Entries

Detection	Concentration Reported	Data Qualifier	Enter
Various	Quantified with certainty	None	reported value
Various	Estimated	J	reported (estimated) value
ND at MDL	MDL	U	1/2 reported value
< MDL	Estimated	T	reported (estimated) value
≥ MDL but < PQL	Estimated	I	reported (estimated) value
≥ MDL but < PQL	PQL	M	1/2 reported value

Benzo(a)pyrene Conversion Table

For Direct Exposure Soil Cleanup Target Levels

Facility/Site Name: Shell - North Bay Village
 Location: North Bay Village, FL
 Facility/Site ID No.: 13/8838306

Soil Sample No. SB-8SSE (0-2)
 Sample Date 8/21/2023
 Location: SB-8SSE
 Depth (ft): 0-2

INSTRUCTIONS: Calculate Total Benzo(a)pyrene Equivalents if at least one of the carcinogenic PAHs is detected in the sample at a concentration equal to or higher than the Method Detection Limit (MDL), whether quantified with certainty (the concentration reported has no qualifier) or estimated (the concentration reported has a “J”, “T” or “I” qualifier). Enter the contaminant concentrations (in mg/kg) for all seven carcinogenic PAHs in the yellow boxes using the following criteria (and see table below):

1. If quantified with certainty, or estimated and has the “J” qualifier, enter the reported value;
2. If not detected at the MDL (the concentration reported is the MDL followed by the “U” qualifier) enter 1/2 of the reported value;
3. If detected at a concentration lower than the MDL and the concentration is estimated (has the “T” qualifier) enter the estimated value;
4. If detected at a concentration equal to or higher than the MDL but lower than the Practical Quantitation Limit (PQL) and the concentration is estimated (has the “I” qualifier) enter the estimated value;
5. If detected at a concentration equal to or higher than the MDL but lower than the PQL and it is not estimated (the concentration reported is the PQL followed by the “M” qualifier) enter 1/2 of the reported value.

Contaminant	Concentration (mg/kg)	Toxic Equivalency Factor	Benzo(a)pyrene Equivalents
Benzo(a)pyrene	1.480	1.0	1.4800
Benzo(a)anthracene	1.300	0.1	0.1300
Benzo(b)fluoranthene	2.700	0.1	0.2700
Benzo(k)fluoranthene	1.170	0.01	0.0117
Chrysene	2.090	0.001	0.0021
Dibenz(a,h)anthracene	0.196	1.0	0.1960
Indeno(1,2,3-cd)pyrene	1.650	0.1	0.1650

DE Residential = 0.1 mg/kg; DE Industrial = 0.7 mg/kg

Total Benzo(a)pyrene Equivalents = 2.25

The concentration shown EXCEEDS the Residential Direct Exposure SCTL of 0.1 mg/kg.

The concentration shown EXCEEDS the Industrial Direct Exposure SCTL of 0.7 mg/kg.

Summary Criteria for Table Entries

Detection	Concentration Reported	Data Qualifier	Enter
Various	Quantified with certainty	None	reported value
Various	Estimated	J	reported (estimated) value
ND at MDL	MDL	U	1/2 reported value
< MDL	Estimated	T	reported (estimated) value
≥ MDL but < PQL	Estimated	I	reported (estimated) value
≥ MDL but < PQL	PQL	M	1/2 reported value

Benzo(a)pyrene Conversion Table

For Direct Exposure Soil Cleanup Target Levels

Facility/Site Name: Shell - North Bay Village
 Location: North Bay Village, FL
 Facility/Site ID No.: 13/8838306

Soil Sample No. SB-8SSE (2-4)
 Sample Date 8/21/2023
 Location: SB-8SSE
 Depth (ft): 2-4

INSTRUCTIONS: Calculate Total Benzo(a)pyrene Equivalents if at least one of the carcinogenic PAHs is detected in the sample at a concentration equal to or higher than the Method Detection Limit (MDL), whether quantified with certainty (the concentration reported has no qualifier) or estimated (the concentration reported has a “J”, “T” or “I” qualifier). Enter the contaminant concentrations (in mg/kg) for all seven carcinogenic PAHs in the yellow boxes using the following criteria (and see table below):

1. If quantified with certainty, or estimated and has the “J” qualifier, enter the reported value;
2. If not detected at the MDL (the concentration reported is the MDL followed by the “U” qualifier) enter 1/2 of the reported value;
3. If detected at a concentration lower than the MDL and the concentration is estimated (has the “T” qualifier) enter the estimated value;
4. If detected at a concentration equal to or higher than the MDL but lower than the Practical Quantitation Limit (PQL) and the concentration is estimated (has the “I” qualifier) enter the estimated value;
5. If detected at a concentration equal to or higher than the MDL but lower than the PQL and it is not estimated (the concentration reported is the PQL followed by the “M” qualifier) enter 1/2 of the reported value.

Contaminant	Concentration (mg/kg)	Toxic Equivalency Factor	Benzo(a)pyrene Equivalents
Benzo(a)pyrene	1.200	1.0	1.2000
Benzo(a)anthracene	1.310	0.1	0.1310
Benzo(b)fluoranthene	2.150	0.1	0.2150
Benzo(k)fluoranthene	0.774	0.01	0.0077
Chrysene	1.710	0.001	0.0017
Dibenz(a,h)anthracene	0.139	1.0	0.1390
Indeno(1,2,3-cd)pyrene	1.280	0.1	0.1280

DE Residential = 0.1 mg/kg; DE Industrial = 0.7 mg/kg

Total Benzo(a)pyrene Equivalents = 1.82

The concentration shown EXCEEDS the Residential Direct Exposure SCTL of 0.1 mg/kg.

The concentration shown EXCEEDS the Industrial Direct Exposure SCTL of 0.7 mg/kg.

Summary Criteria for Table Entries			
Detection	Concentration Reported	Data Qualifier	Enter
Various	Quantified with certainty	None	reported value
Various	Estimated	J	reported (estimated) value
ND at MDL	MDL	U	1/2 reported value
< MDL	Estimated	T	reported (estimated) value
≥ MDL but < PQL	Estimated	I	reported (estimated) value
≥ MDL but < PQL	PQL	M	1/2 reported value

Benzo(a)pyrene Conversion Table

For Direct Exposure Soil Cleanup Target Levels

Facility/Site Name: Shell - North Bay Village
 Location: North Bay Village, FL
 Facility/Site ID No.: 13/8838306

Soil Sample No. SB-8SSS (0-2)
 Sample Date 8/21/2023
 Location: SB-8SSS
 Depth (ft): 0-2

INSTRUCTIONS: Calculate Total Benzo(a)pyrene Equivalents if at least one of the carcinogenic PAHs is detected in the sample at a concentration equal to or higher than the Method Detection Limit (MDL), whether quantified with certainty (the concentration reported has no qualifier) or estimated (the concentration reported has a “J”, “T” or “I” qualifier). Enter the contaminant concentrations (in mg/kg) for all seven carcinogenic PAHs in the yellow boxes using the following criteria (and see table below):

1. If quantified with certainty, or estimated and has the “J” qualifier, enter the reported value;
2. If not detected at the MDL (the concentration reported is the MDL followed by the “U” qualifier) enter 1/2 of the reported value;
3. If detected at a concentration lower than the MDL and the concentration is estimated (has the “T” qualifier) enter the estimated value;
4. If detected at a concentration equal to or higher than the MDL but lower than the Practical Quantitation Limit (PQL) and the concentration is estimated (has the “I” qualifier) enter the estimated value;
5. If detected at a concentration equal to or higher than the MDL but lower than the PQL and it is not estimated (the concentration reported is the PQL followed by the “M” qualifier) enter 1/2 of the reported value.

Contaminant	Concentration (mg/kg)	Toxic Equivalency Factor	Benzo(a)pyrene Equivalents
Benzo(a)pyrene	1.930	1.0	1.9300
Benzo(a)anthracene	2.130	0.1	0.2130
Benzo(b)fluoranthene	3.550	0.1	0.3550
Benzo(k)fluoranthene	1.340	0.01	0.0134
Chrysene	2.980	0.001	0.0030
Dibenz(a,h)anthracene	0.215	1.0	0.2150
Indeno(1,2,3-cd)pyrene	2.170	0.1	0.2170

DE Residential = 0.1 mg/kg; DE Industrial = 0.7 mg/kg

Total Benzo(a)pyrene Equivalents = 2.95

The concentration shown EXCEEDS the Residential Direct Exposure SCTL of 0.1 mg/kg.

The concentration shown EXCEEDS the Industrial Direct Exposure SCTL of 0.7 mg/kg.

Summary Criteria for Table Entries			
Detection	Concentration Reported	Data Qualifier	Enter
Various	Quantified with certainty	None	reported value
Various	Estimated	J	reported (estimated) value
ND at MDL	MDL	U	1/2 reported value
< MDL	Estimated	T	reported (estimated) value
≥ MDL but < PQL	Estimated	I	reported (estimated) value
≥ MDL but < PQL	PQL	M	1/2 reported value

Benzo(a)pyrene Conversion Table

For Direct Exposure Soil Cleanup Target Levels

Facility/Site Name: Shell - North Bay Village
 Location: North Bay Village, FL
 Facility/Site ID No.: 13/8838306

Soil Sample No. SB-8SSS (2-4)
 Sample Date 8/21/2023
 Location: SB-8SSS
 Depth (ft): 2-4

INSTRUCTIONS: Calculate Total Benzo(a)pyrene Equivalents if at least one of the carcinogenic PAHs is detected in the sample at a concentration equal to or higher than the Method Detection Limit (MDL), whether quantified with certainty (the concentration reported has no qualifier) or estimated (the concentration reported has a “J”, “T” or “I” qualifier). Enter the contaminant concentrations (in mg/kg) for all seven carcinogenic PAHs in the yellow boxes using the following criteria (and see table below):

1. If quantified with certainty, or estimated and has the “J” qualifier, enter the reported value;
2. If not detected at the MDL (the concentration reported is the MDL followed by the “U” qualifier) enter 1/2 of the reported value;
3. If detected at a concentration lower than the MDL and the concentration is estimated (has the “T” qualifier) enter the estimated value;
4. If detected at a concentration equal to or higher than the MDL but lower than the Practical Quantitation Limit (PQL) and the concentration is estimated (has the “I” qualifier) enter the estimated value;
5. If detected at a concentration equal to or higher than the MDL but lower than the PQL and it is not estimated (the concentration reported is the PQL followed by the “M” qualifier) enter 1/2 of the reported value.

Contaminant	Concentration (mg/kg)	Toxic Equivalency Factor	Benzo(a)pyrene Equivalents
Benzo(a)pyrene	0.058	1.0	0.0580
Benzo(a)anthracene	0.067	0.1	0.0067
Benzo(b)fluoranthene	0.097	0.1	0.0097
Benzo(k)fluoranthene	0.059	0.01	0.0006
Chrysene	0.095	0.001	0.0001
Dibenz(a,h)anthracene	0.009	1.0	0.0085
Indeno(1,2,3-cd)pyrene	0.076	0.1	0.0076

DE Residential = 0.1 mg/kg; DE Industrial = 0.7 mg/kg

Total Benzo(a)pyrene Equivalents = **0.09**

The concentration shown does not exceed the Residential Direct Exposure SCTL of 0.1 mg/kg.

The concentration shown does not exceed the Industrial Direct Exposure SCTL of 0.7 mg/kg.

Summary Criteria for Table Entries			
Detection	Concentration Reported	Data Qualifier	Enter
Various	Quantified with certainty	None	reported value
Various	Estimated	J	reported (estimated) value
ND at MDL	MDL	U	1/2 reported value
< MDL	Estimated	T	reported (estimated) value
≥ MDL but < PQL	Estimated	I	reported (estimated) value
≥ MDL but < PQL	PQL	M	1/2 reported value

Benzo(a)pyrene Conversion Table

For Direct Exposure Soil Cleanup Target Levels

Facility/Site Name: Shell - North Bay Village
 Location: North Bay Village, FL
 Facility/Site ID No.: 13/8838306

Soil Sample No. SB-8SSW (0-2)
 Sample Date 8/21/2023
 Location: SB-8SSW
 Depth (ft): 0-2

INSTRUCTIONS: Calculate Total Benzo(a)pyrene Equivalents if at least one of the carcinogenic PAHs is detected in the sample at a concentration equal to or higher than the Method Detection Limit (MDL), whether quantified with certainty (the concentration reported has no qualifier) or estimated (the concentration reported has a “J”, “T” or “I” qualifier). Enter the contaminant concentrations (in mg/kg) for all seven carcinogenic PAHs in the yellow boxes using the following criteria (and see table below):

1. If quantified with certainty, or estimated and has the “J” qualifier, enter the reported value;
2. If not detected at the MDL (the concentration reported is the MDL followed by the “U” qualifier) enter 1/2 of the reported value;
3. If detected at a concentration lower than the MDL and the concentration is estimated (has the “T” qualifier) enter the estimated value;
4. If detected at a concentration equal to or higher than the MDL but lower than the Practical Quantitation Limit (PQL) and the concentration is estimated (has the “I” qualifier) enter the estimated value;
5. If detected at a concentration equal to or higher than the MDL but lower than the PQL and it is not estimated (the concentration reported is the PQL followed by the “M” qualifier) enter 1/2 of the reported value.

Contaminant	Concentration (mg/kg)	Toxic Equivalency Factor	Benzo(a)pyrene Equivalents
Benzo(a)pyrene	0.198	1.0	0.1980
Benzo(a)anthracene	0.266	0.1	0.0266
Benzo(b)fluoranthene	0.343	0.1	0.0343
Benzo(k)fluoranthene	0.179	0.01	0.0018
Chrysene	0.274	0.001	0.0003
Dibenz(a,h)anthracene	0.028	1.0	0.0280
Indeno(1,2,3-cd)pyrene	0.206	0.1	0.0206

DE Residential = 0.1 mg/kg; DE Industrial = 0.7 mg/kg

Total Benzo(a)pyrene Equivalents = 0.31

The concentration shown EXCEEDS the Residential Direct Exposure SCTL of 0.1 mg/kg.

The concentration shown does not exceed the Industrial Direct Exposure SCTL of 0.7 mg/kg.

Summary Criteria for Table Entries			
Detection	Concentration Reported	Data Qualifier	Enter
Various	Quantified with certainty	None	reported value
Various	Estimated	J	reported (estimated) value
ND at MDL	MDL	U	1/2 reported value
< MDL	Estimated	T	reported (estimated) value
≥ MDL but < PQL	Estimated	I	reported (estimated) value
≥ MDL but < PQL	PQL	M	1/2 reported value

Benzo(a)pyrene Conversion Table

For Direct Exposure Soil Cleanup Target Levels

Facility/Site Name: Shell - North Bay Village
 Location: North Bay Village, FL
 Facility/Site ID No.: 13/8838306

Soil Sample No. SB-8SSW (2-4)
 Sample Date 8/21/2023
 Location: SB-8SSW
 Depth (ft): 2-4

INSTRUCTIONS: Calculate Total Benzo(a)pyrene Equivalents if at least one of the carcinogenic PAHs is detected in the sample at a concentration equal to or higher than the Method Detection Limit (MDL), whether quantified with certainty (the concentration reported has no qualifier) or estimated (the concentration reported has a “J”, “T” or “I” qualifier). Enter the contaminant concentrations (in mg/kg) for all seven carcinogenic PAHs in the yellow boxes using the following criteria (and see table below):

1. If quantified with certainty, or estimated and has the “J” qualifier, enter the reported value;
2. If not detected at the MDL (the concentration reported is the MDL followed by the “U” qualifier) enter 1/2 of the reported value;
3. If detected at a concentration lower than the MDL and the concentration is estimated (has the “T” qualifier) enter the estimated value;
4. If detected at a concentration equal to or higher than the MDL but lower than the Practical Quantitation Limit (PQL) and the concentration is estimated (has the “I” qualifier) enter the estimated value;
5. If detected at a concentration equal to or higher than the MDL but lower than the PQL and it is not estimated (the concentration reported is the PQL followed by the “M” qualifier) enter 1/2 of the reported value.

Contaminant	Concentration (mg/kg)	Toxic Equivalency Factor	Benzo(a)pyrene Equivalents
Benzo(a)pyrene	0.070	1.0	0.0700
Benzo(a)anthracene	0.078	0.1	0.0078
Benzo(b)fluoranthene	0.121	0.1	0.0121
Benzo(k)fluoranthene	0.063	0.01	0.0006
Chrysene	0.093	0.001	0.0001
Dibenz(a,h)anthracene	0.018	1.0	0.0180
Indeno(1,2,3-cd)pyrene	0.081	0.1	0.0081

DE Residential = 0.1 mg/kg; DE Industrial = 0.7 mg/kg

Total Benzo(a)pyrene Equivalents = **0.12**

The concentration shown does not exceed the Residential Direct Exposure SCTL of 0.1 mg/kg.

The concentration shown does not exceed the Industrial Direct Exposure SCTL of 0.7 mg/kg.

Summary Criteria for Table Entries			
Detection	Concentration Reported	Data Qualifier	Enter
Various	Quantified with certainty	None	reported value
Various	Estimated	J	reported (estimated) value
ND at MDL	MDL	U	1/2 reported value
< MDL	Estimated	T	reported (estimated) value
≥ MDL but < PQL	Estimated	I	reported (estimated) value
≥ MDL but < PQL	PQL	M	1/2 reported value



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APPENDIX A

BORING LOG

Boring/Well Number: SB- 8C		Permit Number: N/A		FDEP Facility Identification Number: 13/8838306	
Site Name: Shell-North Bay Village		Borehole Start Date: 08/21/23	Borehole Start Time: 10:15 <input checked="" type="checkbox"/> AM <input type="checkbox"/> PM	End Date: 08/21/23	
Environmental Contractor: Mas Environmental		Geologist's Name: Christopher Keenoy		Environmental Technician's Name: Christopher Keenoy	
Drilling Company: Enviroprobe	Pavement Thickness (inches): 3	Borehole Diameter (inches): 3.25		Borehole Depth (feet): 4	
Drilling Method(s): HA	Apparent Borehole DTW (in feet from soil moisture content): NA	Measured Well DTW (in feet after water recharges in well): NA		OVA (list model and check type): <input type="checkbox"/> FID <input type="checkbox"/> PID	
Disposition of Drill Cuttings [check method(s)]: <input type="checkbox"/> Drum <input type="checkbox"/> Spread <input checked="" type="checkbox"/> Backfill <input type="checkbox"/> Stockpile <input type="checkbox"/> Other <i>(describe if other or multiple items are checked):</i>					
Borehole Completion (check one): <input type="checkbox"/> Well <input type="checkbox"/> Grout <input type="checkbox"/> Bentonite <input checked="" type="checkbox"/> Backfill <input type="checkbox"/> Other (describe)					

Sample Type	Sample Depth Interval (feet)	Sample Recovery (inches)	SPT Blows (per six inches)	Unfiltered OVA	Filtered OVA	Net OVA	Depth (feet)	Sample Description (include grain size based on USCS, odors, staining, and other remarks)	USCS Symbol	Moisture Content	Lab Soil and Groundwater Samples (list sample number and depth or temporary screen interval)
HA			-	-	-	-	1	(0-2)Brown Medium-grain sand with some rocks, no staining no no odor	SW	D	
HA	0-2	24	-	-	-	-	2		SW	D	SB-8C (0-2)
HA			-	-	-	-	3		SW	M	
HA	2-4	24	-	-	-	-	4	(2-4) light brown , medium grain sand, with some rocks, no staining, and no odor	SW	M	SB-8C (2-4)
							5				
							6				
							7				
							8				
							9				
							10				
							11				
							12				

Sample Type Codes: **PH** = Post Hole; **HA** = Hand Auger; **SS** = Split Spoon; **ST** = Shelby Tube; **DP** = Direct Push; **SC** = Sonic Core; **DC** = Drill Cuttings
 Moisture Content Codes: **D** = Dry; **M** = Moist; **W** = Wet; **S** = Saturated

BORING LOG

Boring/Well Number: SB-8 NNN		Permit Number: N/A		FDEP Facility Identification Number: 13/8838306	
Site Name: Shell-North Bay Village		Borehole Start Date: 08/21/23	Borehole Start Time: 10:18 <input checked="" type="checkbox"/> AM <input type="checkbox"/> PM	End Date: 08/21/23	
Environmental Contractor: Mas Environmental		Geologist's Name: Christopher Keenoy		Environmental Technician's Name: Christopher Keenoy	
Drilling Company: Enviroprobe	Pavement Thickness (inches): 3	Borehole Diameter (inches): 3.25		Borehole Depth (feet): 4	
Drilling Method(s): HA	Apparent Borehole DTW (in feet from soil moisture content): NA	Measured Well DTW (in feet after water recharges in well): NA		OVA (list model and check type): <input type="checkbox"/> FID <input type="checkbox"/> PID	
Disposition of Drill Cuttings [check method(s)]: <input type="checkbox"/> Drum <input type="checkbox"/> Spread <input checked="" type="checkbox"/> Backfill <input type="checkbox"/> Stockpile <input type="checkbox"/> Other <i>(describe if other or multiple items are checked):</i>					
Borehole Completion (check one): <input type="checkbox"/> Well <input type="checkbox"/> Grout <input type="checkbox"/> Bentonite <input checked="" type="checkbox"/> Backfill <input type="checkbox"/> Other (describe)					

Sample Type	Sample Depth Interval (feet)	Sample Recovery (inches)	SPT Blows (per six inches)	Unfiltered OVA	Filtered OVA	Net OVA	Depth (feet)	Sample Description (include grain size based on USCS, odors, staining, and other remarks)	USCS Symbol	Moisture Content	Lab Soil and Groundwater Samples (list sample number and depth or temporary screen interval)
HA			-	-	-	-	1	(0-2)Brown, Medium-grain sand with some rocks, no staining no no odor	SW	D	
HA	0-2	24	-	-	-	-	2		SW	D	SB-8 NNN (0-2)
HA			-	-	-	-	3		SW	M	
HA	2-4	24	-	-	-	-	4	(2-4) light brown , medium grain sand, with some rocks, no staining, and no odor	SW	M	SB-8 NNN (0-4)
							5				
							6				
							7				
							8				
							9				
							10				
							11				
							12				

Sample Type Codes: **PH** = Post Hole; **HA** = Hand Auger; **SS** = Split Spoon; **ST** = Shelby Tube; **DP** = Direct Push; **SC** = Sonic Core; **DC** = Drill Cuttings
 Moisture Content Codes: **D** = Dry; **M** = Moist; **W** = Wet; **S** = Saturated

BORING LOG

Boring/Well Number: SB-8 NNE		Permit Number: N/A		FDEP Facility Identification Number: 13/8838306	
Site Name: Shell-North Bay Village		Borehole Start Date: 08/21/23	Borehole Start Time: 10:25 <input checked="" type="checkbox"/> AM <input type="checkbox"/> PM	End Date: 08/21/23	
Environmental Contractor: Mas Environmental		Geologist's Name: Christopher Keenoy		Environmental Technician's Name: Christopher Keenoy	
Drilling Company: Enviroprobe	Pavement Thickness (inches): 3	Borehole Diameter (inches): 3.25		Borehole Depth (feet): 4	
Drilling Method(s): HA	Apparent Borehole DTW (in feet from soil moisture content): NA	Measured Well DTW (in feet after water recharges in well): NA		OVA (list model and check type): <input type="checkbox"/> FID <input type="checkbox"/> PID	
Disposition of Drill Cuttings [check method(s)]: <input type="checkbox"/> Drum <input type="checkbox"/> Spread <input checked="" type="checkbox"/> Backfill <input type="checkbox"/> Stockpile <input type="checkbox"/> Other <i>(describe if other or multiple items are checked):</i>					
Borehole Completion (check one): <input type="checkbox"/> Well <input type="checkbox"/> Grout <input type="checkbox"/> Bentonite <input checked="" type="checkbox"/> Backfill <input type="checkbox"/> Other (describe)					

Sample Type	Sample Depth Interval (feet)	Sample Recovery (inches)	SPT Blows (per six inches)	Unfiltered OVA	Filtered OVA	Net OVA	Depth (feet)	Sample Description (include grain size based on USCS, odors, staining, and other remarks)	USCS Symbol	Moisture Content	Lab Soil and Groundwater Samples (list sample number and depth or temporary screen interval)
HA			-	-	-	-	1	(0-2)Brown , medium-grain sand with some rocks, no staining no no odor	SW	D	
HA	0-2	24	-	-	-	-	2		SW	D	SB-8 NNE(0-2)
HA			-	-	-	-	3		SW	M	
HA	2-4	24	-	-	-	-	4	(2-4) light brown , medium grain sand, with some rocks, no staining, and no odor	SW	M	SB-8 NNE (2-4)
							5				
							6				
							7				
							8				
							9				
							10				
							11				
							12				

Sample Type Codes: **PH** = Post Hole; **HA** = Hand Auger; **SS** = Split Spoon; **ST** = Shelby Tube; **DP** = Direct Push; **SC** = Sonic Core; **DC** = Drill Cuttings
 Moisture Content Codes: **D** = Dry; **M** = Moist; **W** = Wet; **S** = Saturated

BORING LOG

Boring/Well Number: SB-8 NNW		Permit Number: N/A		FDEP Facility Identification Number: 13/8838306	
Site Name: Shell-North Bay Village		Borehole Start Date: 08/21/23	Borehole Start Time: 10:29 <input checked="" type="checkbox"/> AM <input type="checkbox"/> PM	End Date: 08/21/23	
Environmental Contractor: Mas Environmental		Geologist's Name: Christopher Keenoy		Environmental Technician's Name: Christopher Keenoy	
Drilling Company: Enviroprobe	Pavement Thickness (inches): 3	Borehole Diameter (inches): 3.25		Borehole Depth (feet): 4	
Drilling Method(s): HA	Apparent Borehole DTW (in feet from soil moisture content): NA	Measured Well DTW (in feet after water recharges in well): NA		OVA (list model and check type): <input type="checkbox"/> FID <input type="checkbox"/> PID	
Disposition of Drill Cuttings [check method(s)]: <input type="checkbox"/> Drum <input type="checkbox"/> Spread <input type="checkbox"/> Backfill <input checked="" type="checkbox"/> Stockpile <input type="checkbox"/> Other <i>(describe if other or multiple items are checked):</i>					
Borehole Completion (check one): <input type="checkbox"/> Well <input type="checkbox"/> Grout <input type="checkbox"/> Bentonite <input type="checkbox"/> Backfill <input checked="" type="checkbox"/> Other (describe)					

Sample Type	Sample Depth Interval (feet)	Sample Recovery (inches)	SPT Blows (per six inches)	Unfiltered OVA	Filtered OVA	Net OVA	Depth (feet)	Sample Description (include grain size based on USCS, odors, staining, and other remarks)	USCS Symbol	Moisture Content	Lab Soil and Groundwater Samples (list sample number and depth or temporary screen interval)
HA			1				1	(0-2)Brown, medium-grain sand with some rocks, no staining no no odor	SW	D	
HA	0-2	24	1				2		SW	D	SB-8 NNW (0-2)
HA			1				3		SW	M	
HA	2-4	24	1				4	(2-4) light brown , medium grain sand, with some rocks, no staining, and no odor	SW	M	SB-8 NNW (2-4)
							5				
							6				
							7				
							8				
							9				
							10				
							11				
							12				

Sample Type Codes: **PH** = Post Hole; **HA** = Hand Auger; **SS** = Split Spoon; **ST** = Shelby Tube; **DP** = Direct Push; **SC** = Sonic Core; **DC** = Drill Cuttings
 Moisture Content Codes: **D** = Dry; **M** = Moist; **W** = Wet; **S** = Saturated

BORING LOG

Boring/Well Number: SB-SSE		Permit Number: N/A		FDEP Facility Identification Number: 13/8838306	
Site Name: Shell-North Bay Village		Borehole Start Date: 08/21/23	Borehole Start Time: 10:36 <input checked="" type="checkbox"/> AM <input type="checkbox"/> PM	End Date: 08/21/23	
Environmental Contractor: Mas Environmental		Geologist's Name: Christopher Keenoy		Environmental Technician's Name: Christopher Keenoy	
Drilling Company: Enviroprobe	Pavement Thickness (inches): 3	Borehole Diameter (inches): 3.25		Borehole Depth (feet): 4	
Drilling Method(s): HA	Apparent Borehole DTW (in feet from soil moisture content): NA	Measured Well DTW (in feet after water recharges in well): NA		OVA (list model and check type): <input type="checkbox"/> FID <input type="checkbox"/> PID	
Disposition of Drill Cuttings [check method(s)]: <input type="checkbox"/> Drum <input type="checkbox"/> Spread <input checked="" type="checkbox"/> Backfill <input type="checkbox"/> Stockpile <input type="checkbox"/> Other <i>(describe if other or multiple items are checked):</i>					
Borehole Completion (check one): <input type="checkbox"/> Well <input type="checkbox"/> Grout <input type="checkbox"/> Bentonite <input checked="" type="checkbox"/> Backfill <input type="checkbox"/> Other (describe)					

Sample Type	Sample Depth Interval (feet)	Sample Recovery (inches)	SPT Blows (per six inches)	Unfiltered OVA	Filtered OVA	Net OVA	Depth (feet)	Sample Description (include grain size based on USCS, odors, staining, and other remarks)	USCS Symbol	Moisture Content	Lab Soil and Groundwater Samples (list sample number and depth or temporary screen interval)
HA			-	-	-	-	1	(0-2)Brown, medium-grain sand with some rocks, no staining no no odor	SW	D	
HA	0-2	24	-	-	-	-	2		SW	D	SB-SSE (0-2)
HA			-	-	-	-	3		SW	M	
HA	2-4	24	-	-	-	-	4	(2-4) light brown , medium grain sand, with some rocks, no staining, and no odor	SW	M	SB-SSE (2-4)
							5				
							6				
							7				
							8				
							9				
							10				
							11				
							12				

Sample Type Codes: **PH** = Post Hole; **HA** = Hand Auger; **SS** = Split Spoon; **ST** = Shelby Tube; **DP** = Direct Push; **SC** = Sonic Core; **DC** = Drill Cuttings
 Moisture Content Codes: **D** = Dry; **M** = Moist; **W** = Wet; **S** = Saturated

BORING LOG

Boring/Well Number: SB-8 SSW		Permit Number: N/A		FDEP Facility Identification Number: 13/8838306	
Site Name: Shell-North Bay Village		Borehole Start Date: 08/21/23	Borehole Start Time: 10:41 <input checked="" type="checkbox"/> AM <input type="checkbox"/> PM	End Date: 08/21/23	
Environmental Contractor: Mas Environmental		Geologist's Name: Christopher Keenoy		Environmental Technician's Name: Christopher Keenoy	
Drilling Company: Enviroprobe	Pavement Thickness (inches): 3	Borehole Diameter (inches): 3.25		Borehole Depth (feet): 4	
Drilling Method(s): HA	Apparent Borehole DTW (in feet from soil moisture content): NA	Measured Well DTW (in feet after water recharges in well): NA		OVA (list model and check type): <input type="checkbox"/> FID <input type="checkbox"/> PID	
Disposition of Drill Cuttings [check method(s)]: <input type="checkbox"/> Drum <input type="checkbox"/> Spread <input checked="" type="checkbox"/> Backfill <input type="checkbox"/> Stockpile <input type="checkbox"/> Other <i>(describe if other or multiple items are checked):</i>					
Borehole Completion (check one): <input type="checkbox"/> Well <input type="checkbox"/> Grout <input type="checkbox"/> Bentonite <input checked="" type="checkbox"/> Backfill <input type="checkbox"/> Other (describe)					

Sample Type	Sample Depth Interval (feet)	Sample Recovery (inches)	SPT Blows (per six inches)	Unfiltered OVA	Filtered OVA	Net OVA	Depth (feet)	Sample Description (include grain size based on USCS, odors, staining, and other remarks)	USCS Symbol	Moisture Content	Lab Soil and Groundwater Samples (list sample number and depth or temporary screen interval)
HA			-	-	-	-	1	(0-2)Brown , medium-grain sand with some rocks, no staining no no odor	SW	D	
HA	0-2	24	-	-	-	-	2		SW	D	SB-8 SSW (0-2)
HA			-	-	-	-	3		SW	M	
HA	2-4	24	-	-	-	-	4	(2-4) light brown , medium grain sand, with some rocks, no staining, and no odor	SW	M	SB-8 SSW (2-4)
							5				
							6				
							7				
							8				
							9				
							10				
							11				
							12				

Sample Type Codes: **PH** = Post Hole; **HA** = Hand Auger; **SS** = Split Spoon; **ST** = Shelby Tube; **DP** = Direct Push; **SC** = Sonic Core; **DC** = Drill Cuttings
 Moisture Content Codes: **D** = Dry; **M** = Moist; **W** = Wet; **S** = Saturated

BORING LOG

Boring/Well Number: SB-8 SSS		Permit Number: N/A		FDEP Facility Identification Number: 13/8838306	
Site Name: Shell-North Bay Village		Borehole Start Date: 08/21/23	Borehole Start Time: 10:33 <input checked="" type="checkbox"/> AM <input type="checkbox"/> PM	End Date: 08/21/23	
Environmental Contractor: Mas Environmental		Geologist's Name: Christopher Keenoy		Environmental Technician's Name: Christopher Keenoy	
Drilling Company: Enviroprobe	Pavement Thickness (inches): 3	Borehole Diameter (inches): 3.25		Borehole Depth (feet): 4	
Drilling Method(s): HA	Apparent Borehole DTW (in feet from soil moisture content): NA	Measured Well DTW (in feet after water recharges in well): NA		OVA (list model and check type): <input type="checkbox"/> FID <input type="checkbox"/> PID	
Disposition of Drill Cuttings [check method(s)]: <input type="checkbox"/> Drum <input type="checkbox"/> Spread <input checked="" type="checkbox"/> Backfill <input type="checkbox"/> Stockpile <input type="checkbox"/> Other <i>(describe if other or multiple items are checked):</i>					
Borehole Completion (check one): <input type="checkbox"/> Well <input type="checkbox"/> Grout <input type="checkbox"/> Bentonite <input checked="" type="checkbox"/> Backfill <input type="checkbox"/> Other (describe)					

Sample Type	Sample Depth Interval (feet)	Sample Recovery (inches)	SPT Blows (per six inches)	Unfiltered OVA	Filtered OVA	Net OVA	Depth (feet)	Sample Description (include grain size based on USCS, odors, staining, and other remarks)	USCS Symbol	Moisture Content	Lab Soil and Groundwater Samples (list sample number and depth or temporary screen interval)
HA			-	-	-	-	1	(0-2)Brown, medium-grain sand with some rocks, no staining no no odor	SW	D	
HA	0-2	24	-	-	-	-	2		SW	D	SB-8 SSS(0-2)
HA			-	-	-	-	3		SW	M	
HA	2-4	24	-	-	-	-	4	(2-4) light brown , medium grain sand, with some rocks, no staining, and no odor	SW	M	SB-8 SSS (2-4)
							5				
							6				
							7				
							8				
							9				
							10				
							11				
							12				

Sample Type Codes: **PH** = Post Hole; **HA** = Hand Auger; **SS** = Split Spoon; **ST** = Shelby Tube; **DP** = Direct Push; **SC** = Sonic Core; **DC** = Drill Cuttings
 Moisture Content Codes: **D** = Dry; **M** = Moist; **W** = Wet; **S** = Saturated

BORING LOG

Boring/Well Number: SB-4 NNN		Permit Number: N/A		FDEP Facility Identification Number: 13/8838306	
Site Name: Shell-North Bay Village		Borehole Start Date: 08/21/23	Borehole Start Time: 12:10 <input type="checkbox"/> AM <input checked="" type="checkbox"/> PM	End Date: 08/21/23	
Environmental Contractor: Mas Environmental		Geologist's Name: Christopher Keenoy		Environmental Technician's Name: Christopher Keenoy	
Drilling Company: Enviroprobe		Pavement Thickness (inches): 3	Borehole Diameter (inches): 3.25	Borehole Depth (feet): 4	
Drilling Method(s): HA	Apparent Borehole DTW (in feet from soil moisture content): NA	Measured Well DTW (in feet after water recharges in well): NA	OVA (list model and check type): <input type="checkbox"/> FID <input type="checkbox"/> PID		
Disposition of Drill Cuttings [check method(s)]: <input type="checkbox"/> Drum <input type="checkbox"/> Spread <input checked="" type="checkbox"/> Backfill <input type="checkbox"/> Stockpile <input type="checkbox"/> Other <i>(describe if other or multiple items are checked):</i>					
Borehole Completion (check one): <input type="checkbox"/> Well <input type="checkbox"/> Grout <input type="checkbox"/> Bentonite <input checked="" type="checkbox"/> Backfill <input type="checkbox"/> Other (describe)					

Sample Type	Sample Depth Interval (feet)	Sample Recovery (inches)	SPT Blows (per six inches)	Unfiltered OVA	Filtered OVA	Net OVA	Depth (feet)	Sample Description (include grain size based on USCS, odors, staining, and other remarks)	USCS Symbol	Moisture Content	Lab Soil and Groundwater Samples (list sample number and depth or temporary screen interval)
HA			-	-	-	-	1	(0-2)Dark brown, medium-grain sand with some rocks, no staining no no odor	SW	D	
HA	0-2	24	-	-	-	-	2		SW	D	
HA			-	-	-	-	3		SW	M	
HA	2-4	24	-	-	-	-	4	(2-4) light brown and gray , medium grain sand, with some rocks, no staining, and no odor	SW	M	SB-4 NNN(2-4)
							5				
							6				
							7				
							8				
							9				
							10				
							11				
							12				

Sample Type Codes: **PH** = Post Hole; **HA** = Hand Auger; **SS** = Split Spoon; **ST** = Shelby Tube; **DP** = Direct Push; **SC** = Sonic Core; **DC** = Drill Cuttings
 Moisture Content Codes: **D** = Dry; **M** = Moist; **W** = Wet; **S** = Saturated

BORING LOG

Boring/Well Number: SB-4 NNW		Permit Number: N/A		FDEP Facility Identification Number: 13/8838306	
Site Name: Shell-North Bay Village		Borehole Start Date: 08/21/23	Borehole Start Time: 12:29 <input type="checkbox"/> AM <input checked="" type="checkbox"/> PM	End Date: 08/21/23	
Environmental Contractor: Mas Environmental		Geologist's Name: Christopher Keenoy		Environmental Technician's Name: Christopher Keenoy	
Drilling Company: Enviroprobe	Pavement Thickness (inches): 3	Borehole Diameter (inches): 3.25		Borehole Depth (feet): 4	
Drilling Method(s): HA	Apparent Borehole DTW (in feet from soil moisture content): NA	Measured Well DTW (in feet after water recharges in well): NA		OVA (list model and check type): <input type="checkbox"/> FID <input type="checkbox"/> PID	
Disposition of Drill Cuttings [check method(s)]: <input type="checkbox"/> Drum <input type="checkbox"/> Spread <input checked="" type="checkbox"/> Backfill <input type="checkbox"/> Stockpile <input type="checkbox"/> Other <i>(describe if other or multiple items are checked):</i>					
Borehole Completion (check one): <input type="checkbox"/> Well <input type="checkbox"/> Grout <input type="checkbox"/> Bentonite <input checked="" type="checkbox"/> Backfill <input type="checkbox"/> Other (describe)					

Sample Type	Sample Depth Interval (feet)	Sample Recovery (inches)	SPT Blows (per six inches)	Unfiltered OVA	Filtered OVA	Net OVA	Depth (feet)	Sample Description (include grain size based on USCS, odors, staining, and other remarks)	USCS Symbol	Moisture Content	Lab Soil and Groundwater Samples (list sample number and depth or temporary screen interval)
HA			-	-	-	-	1	(0-2)Dark brown, medium-grain sand with some rocks, no staining no no odor	SW	D	
HA	0-2	24	-	-	-	-	2		SW	D	SB-4 NNW(0-2)
HA			-	-	-	-	3		SW	M	
HA	2-4	24	-	-	-	-	4	(2-4) light brown and gray , medium grain sand, with some rocks, no staining, and no odor	SW	M	SB-4 NNW(2-4)
							5				
							6				
							7				
							8				
							9				
							10				
							11				
							12				

Sample Type Codes: **PH** = Post Hole; **HA** = Hand Auger; **SS** = Split Spoon; **ST** = Shelby Tube; **DP** = Direct Push; **SC** = Sonic Core; **DC** = Drill Cuttings
 Moisture Content Codes: **D** = Dry; **M** = Moist; **W** = Wet; **S** = Saturated

BORING LOG

Boring/Well Number: SB-4 NNE		Permit Number: N/A		FDEP Facility Identification Number: 13/8838306	
Site Name: Shell-North Bay Village		Borehole Start Date: 08/21/23	Borehole Start Time: 12:38 <input type="checkbox"/> AM <input checked="" type="checkbox"/> PM	End Date: 08/21/23	
Environmental Contractor: Mas Environmental		Geologist's Name: Christopher Keenoy		Environmental Technician's Name: Christopher Keenoy	
Drilling Company: Enviroprobe	Pavement Thickness (inches): 3	Borehole Diameter (inches): 3.25		Borehole Depth (feet): 4	
Drilling Method(s): HA	Apparent Borehole DTW (in feet from soil moisture content): NA	Measured Well DTW (in feet after water recharges in well): NA		OVA (list model and check type): <input type="checkbox"/> FID <input type="checkbox"/> PID	
Disposition of Drill Cuttings [check method(s)]: <input type="checkbox"/> Drum <input type="checkbox"/> Spread <input checked="" type="checkbox"/> Backfill <input type="checkbox"/> Stockpile <input type="checkbox"/> Other <i>(describe if other or multiple items are checked):</i>					
Borehole Completion (check one): <input type="checkbox"/> Well <input type="checkbox"/> Grout <input type="checkbox"/> Bentonite <input checked="" type="checkbox"/> Backfill <input type="checkbox"/> Other (describe)					

Sample Type	Sample Depth Interval (feet)	Sample Recovery (inches)	SPT Blows (per six inches)	Unfiltered OVA	Filtered OVA	Net OVA	Depth (feet)	Sample Description (include grain size based on USCS, odors, staining, and other remarks)	USCS Symbol	Moisture Content	Lab Soil and Groundwater Samples (list sample number and depth or temporary screen interval)
HA			-	-	-	-	1	(0-2)Dark brown, medium-grain sand with some rocks, no staining no no odor	SW	D	
HA	0-2	24	-	-	-	-	2		SW	D	SB-4 NNE(0-2)
HA			-	-	-	-	3		SW	M	
HA	2-4	24	-	-	-	-	4	(2-4) light brown and gray , medium grain sand, with some rocks, no staining, and no odor	SW	M	SB-4 NNE(2-4)
							5				
							6				
							7				
							8				
							9				
							10				
							11				
							12				

Sample Type Codes: **PH** = Post Hole; **HA** = Hand Auger; **SS** = Split Spoon; **ST** = Shelby Tube; **DP** = Direct Push; **SC** = Sonic Core; **DC** = Drill Cuttings
 Moisture Content Codes: **D** = Dry; **M** = Moist; **W** = Wet; **S** = Saturated

BORING LOG

Boring/Well Number: SB-4 EEN		Permit Number: N/A		FDEP Facility Identification Number: 13/8838306	
Site Name: Shell-North Bay Village		Borehole Start Date: 08/21/23	Borehole Start Time: 12:57 <input type="checkbox"/> AM <input checked="" type="checkbox"/> PM	End Date: 08/21/23	
Environmental Contractor: Mas Environmental		Geologist's Name: Christopher Keenoy		Environmental Technician's Name: Christopher Keenoy	
Drilling Company: Enviroprobe	Pavement Thickness (inches): 3	Borehole Diameter (inches): 3.25		Borehole Depth (feet): 4	
Drilling Method(s): HA	Apparent Borehole DTW (in feet from soil moisture content): NA	Measured Well DTW (in feet after water recharges in well): NA		OVA (list model and check type): <input type="checkbox"/> FID <input type="checkbox"/> PID	
Disposition of Drill Cuttings [check method(s)]: <input type="checkbox"/> Drum <input type="checkbox"/> Spread <input checked="" type="checkbox"/> Backfill <input type="checkbox"/> Stockpile <input type="checkbox"/> Other <i>(describe if other or multiple items are checked):</i>					
Borehole Completion (check one): <input type="checkbox"/> Well <input type="checkbox"/> Grout <input type="checkbox"/> Bentonite <input checked="" type="checkbox"/> Backfill <input type="checkbox"/> Other (describe)					

Sample Type	Sample Depth Interval (feet)	Sample Recovery (inches)	SPT Blows (per six inches)	Unfiltered OVA	Filtered OVA	Net OVA	Depth (feet)	Sample Description (include grain size based on USCS, odors, staining, and other remarks)	USCS Symbol	Moisture Content	Lab Soil and Groundwater Samples (list sample number and depth or temporary screen interval)
HA			-	-	-	-	1	(0-2)Dark brown, medium-grain sand with some rocks, no staining no no odor	SW	D	
HA	0-2	24	-	-	-	-	2		SW	D	SB-4 EEN(0-2)
HA			-	-	-	-	3		SW	M	
HA	2-4	24	-	-	-	-	4	(2-4) light brown and gray , medium grain sand, with some rocks, no staining, and no odor	SW	M	SB-4 EEN(2-4)
							5				
							6				
							7				
							8				
							9				
							10				
							11				
							12				

Sample Type Codes: **PH** = Post Hole; **HA** = Hand Auger; **SS** = Split Spoon; **ST** = Shelby Tube; **DP** = Direct Push; **SC** = Sonic Core; **DC** = Drill Cuttings
 Moisture Content Codes: **D** = Dry; **M** = Moist; **W** = Wet; **S** = Saturated

BORING LOG

Boring/Well Number: SB-4 EEE		Permit Number: N/A		FDEP Facility Identification Number: 13/8838306	
Site Name: Shell-North Bay Village		Borehole Start Date: 08/21/23	Borehole Start Time: 13:08 <input type="checkbox"/> AM <input checked="" type="checkbox"/> PM	End Date: 08/21/23	
Environmental Contractor: Mas Environmental		Geologist's Name: Christopher Keenoy		Environmental Technician's Name: Christopher Keenoy	
Drilling Company: Enviroprobe	Pavement Thickness (inches): 3	Borehole Diameter (inches): 3.25		Borehole Depth (feet): 4	
Drilling Method(s): HA	Apparent Borehole DTW (in feet from soil moisture content): NA	Measured Well DTW (in feet after water recharges in well): NA		OVA (list model and check type): <input type="checkbox"/> FID <input type="checkbox"/> PID	
Disposition of Drill Cuttings [check method(s)]: <input type="checkbox"/> Drum <input type="checkbox"/> Spread <input checked="" type="checkbox"/> Backfill <input type="checkbox"/> Stockpile <input type="checkbox"/> Other <i>(describe if other or multiple items are checked):</i>					
Borehole Completion (check one): <input type="checkbox"/> Well <input type="checkbox"/> Grout <input type="checkbox"/> Bentonite <input checked="" type="checkbox"/> Backfill <input type="checkbox"/> Other (describe)					

Sample Type	Sample Depth Interval (feet)	Sample Recovery (inches)	SPT Blows (per six inches)	Unfiltered OVA	Filtered OVA	Net OVA	Depth (feet)	Sample Description (include grain size based on USCS, odors, staining, and other remarks)	USCS Symbol	Moisture Content	Lab Soil and Groundwater Samples (list sample number and depth or temporary screen interval)
HA			-	-	-	-	1	(0-2)Dark brown, medium-grain sand with some rocks, no staining no no odor	SW	D	
HA	0-2	24	-	-	-	-	2		SW	D	SB-4 EEE(0-2)
HA			-	-	-	-	3		SW	M	
HA	2-4	24	-	-	-	-	4	(2-4) light brown and gray , medium grain sand, with some rocks, no staining, and no odor	SW	M	SB-4 EEE(2-4)
							5				
							6				
							7				
							8				
							9				
							10				
							11				
							12				

Sample Type Codes: **PH** = Post Hole; **HA** = Hand Auger; **SS** = Split Spoon; **ST** = Shelby Tube; **DP** = Direct Push; **SC** = Sonic Core; **DC** = Drill Cuttings
 Moisture Content Codes: **D** = Dry; **M** = Moist; **W** = Wet; **S** = Saturated

BORING LOG

Boring/Well Number: SB-4 EES		Permit Number: N/A		FDEP Facility Identification Number: 13/8838306	
Site Name: Shell-North Bay Village		Borehole Start Date: 08/21/23	Borehole Start Time: 13:18 <input type="checkbox"/> AM <input checked="" type="checkbox"/> PM	End Date: 08/21/23	
Environmental Contractor: Mas Environmental		Geologist's Name: Christopher Keenoy		Environmental Technician's Name: Christopher Keenoy	
Drilling Company: Enviroprobe		Pavement Thickness (inches): 3	Borehole Diameter (inches): 3.25	Borehole Depth (feet): 4	
Drilling Method(s): HA	Apparent Borehole DTW (in feet from soil moisture content): NA		Measured Well DTW (in feet after water recharges in well): NA		OVA (list model and check type): <input type="checkbox"/> FID <input type="checkbox"/> PID
Disposition of Drill Cuttings [check method(s)]: <input type="checkbox"/> Drum <input type="checkbox"/> Spread <input checked="" type="checkbox"/> Backfill <input type="checkbox"/> Stockpile <input type="checkbox"/> Other <i>(describe if other or multiple items are checked):</i>					
Borehole Completion (check one): <input type="checkbox"/> Well <input type="checkbox"/> Grout <input type="checkbox"/> Bentonite <input checked="" type="checkbox"/> Backfill <input type="checkbox"/> Other (describe)					

Sample Type	Sample Depth Interval (feet)	Sample Recovery (inches)	SPT Blows (per six inches)	Unfiltered OVA	Filtered OVA	Net OVA	Depth (feet)	Sample Description (include grain size based on USCS, odors, staining, and other remarks)	USCS Symbol	Moisture Content	Lab Soil and Groundwater Samples (list sample number and depth or temporary screen interval)
HA			-	-	-	-	1	(0-2)Dark brown, medium-grain sand with some rocks, no staining no no odor	SW	D	
HA	0-2	24	-	-	-	-	2		SW	D	SB-4 EES(0-2)
HA			-	-	-	-	3		SW	M	
HA	2-4	24	-	-	-	-	4	(2-4) light brown and gray , medium grain sand, with some rocks, no staining, and no odor	SW	M	SB-4 EES(2-4)
							5				
							6				
							7				
							8				
							9				
							10				
							11				
							12				

Sample Type Codes: **PH** = Post Hole; **HA** = Hand Auger; **SS** = Split Spoon; **ST** = Shelby Tube; **DP** = Direct Push; **SC** = Sonic Core; **DC** = Drill Cuttings
 Moisture Content Codes: **D** = Dry; **M** = Moist; **W** = Wet; **S** = Saturated

FIELD INSTRUMENT CALIBRATION RECORDS - CALIBRATION LOG - PRP

Project Site/FacID: Shell - North Bay Village FCE# 13/8838306

Calibrated by (Print)/Affiliation: Christopher Kelley / MAS

Solidly "X" this box if there is qualified data on this page.

TURBIDITY (REFERENCE: DEP SOP FT 1600)											Meter/Instrument Name and Unique ID: <u>HACT21002 #1</u>	
Std=0.1-10 NTU +/-10%			Std=11-40 NTU +/-8%			Std=41-100 NTU +/-6.5%			Std>100 NTU +/-5%			
CAL	ICV	CCV	Initials	Date	Time	Standard (NTU)	Exp. Date	Lot #	Response (NTU)	Deviation (%)	Pass or Fail	
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	CK	8-21-23	7:30	20	11/23	A2195	21.2		<input checked="" type="checkbox"/> P F	
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	CK	8-21-23	7:32	100	11/23	A2209	102		<input checked="" type="checkbox"/> P F	
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	CK	8-21-23	7:34	800	11/23	A2203	782		<input checked="" type="checkbox"/> P F	
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	CK	8-21-23	7:36	10	11/23	A2202	10.5	10.5 CK	<input checked="" type="checkbox"/> P F	
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	CK	8-21-23	7:37	20	11/23	A2195	19.8		<input checked="" type="checkbox"/> P F	
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	CK	8-21-23	7:37	100	11/23	A2209	99.5		<input checked="" type="checkbox"/> P F	
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	CK	8-21-23	7:37	800	11/23	A2203	789		<input checked="" type="checkbox"/> P F	
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	CK	8-21-23	7:38	10	11/23	A2202	10.1		<input checked="" type="checkbox"/> P F	
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	CK	8-21-23	12:00	20	11/23	A2195	19.8		<input checked="" type="checkbox"/> P F	
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	CK	8-21-23	12:00	100	11/23	A2209	99.2		<input checked="" type="checkbox"/> P F	
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	CK	8-21-23	12:00	800	11/23	A2203	816		<input checked="" type="checkbox"/> P F	
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	CK	8-21-23	12:00	10	11/23	A2202	9.95		<input checked="" type="checkbox"/> P F	
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>									P F	
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>									P F	
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>									P F	

pH (REFERENCE: DEP SOP FT 1100)											Acceptance Criteria +/-0.2 SU	
Meter/Instrument Name and Unique ID: <u>YSISS6MPS #1</u>												
CAL	ICV	CCV	Initials	Date	Time	Standard (SU)	Exp. Date	Lot #	Response (SU)	Deviation (SU)	Pass or Fail	
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	CK	8-21-23	7:42	7	07/25	3GG021	7.01		<input checked="" type="checkbox"/> P F	
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	CK	8-21-23	7:44	4	07/25	3GG0502	3.96		<input checked="" type="checkbox"/> P F	
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	CK	8-21-23	7:46	10	07/25	3GG0538	9.88		<input checked="" type="checkbox"/> P F	
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	CK	8-21-23	7:47	7	07/25	3GG0021	7.00		<input checked="" type="checkbox"/> P F	
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	CK	8-21-23	7:48	4	07/25	3GG0502	4.00		<input checked="" type="checkbox"/> P F	
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	CK	8-21-23	7:49	10	07/25	3GG0538	9.98		<input checked="" type="checkbox"/> P F	
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	CK	8-21-23	12:08	7	07/25	3GG0021	6.86		<input checked="" type="checkbox"/> P F	
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	CK	8-21-23	12:10	4	07/25	3GG0502	4.01		<input checked="" type="checkbox"/> P F	
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	CK	8-21-23	12:12	10	07/25	3GG0538	10.02		<input checked="" type="checkbox"/> P F	
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>									P F	
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>									P F	
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>									P F	
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>									P F	
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>									P F	
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>									P F	

Perform ICVs and CCVs only in "READ/RUN" mode.

CAL - Calibration; ICV - Initial Calibration Verification; and, CCV - Continuing Calibration Verification.

Deviation (%) = 100 - ((Response/Standard) * 100)

FIELD INSTRUMENT CALIBRATION RECORDS - CALIBRATION LOG - PRP

Project Site/FacID: Shell North Bay Village FDEPH 13/8838306

Calibrated by (Print)/Affiliation: Christopher Keenan / MAS

Bohrity "X" this box if there is qualified data on this page.

Temperature (Quarterly) _____ Date of Last Temp Verification: _____ See log book: _____

DISSOLVED OXYGEN (DO) (REFERENCE: DEP SOP FT 1500)							Acceptance Criteria +/-0.3 mg DO/L					
Meter/Instrument Name and Unique ID: <u>YSI 556 MPS #1</u>												
CAL	ICV	CCV	Initials	Date	Time	Standard (DO %)	Temp °C	DO Saturation mg/L (100%)**	Response DO (%)	Response mg DO/L	Deviation mg DO/L	Pass or Fail
<u>CAL</u>	<u>ICV</u>	<u>CCV</u>	<u>CK</u>	<u>8-21-23</u>	<u>7:30</u>	<u>100%</u>	<u>24.10</u>	<u>8403</u>	<u>100.1</u>	<u>8.40</u>		<u>P</u> F
<u>CAL</u>	<u>ICV</u>	<u>CCV</u>	<u>CK</u>	<u>8-21-23</u>	<u>7:40</u>	<u>100%</u>	<u>24.06</u>	<u>8418</u>	<u>100.0</u>	<u>8.42</u>		<u>P</u> F
<u>CAL</u>	<u>ICV</u>	<u>CCV</u>	<u>CK</u>	<u>8-21-23</u>	<u>12:00</u>	<u>100%</u>	<u>29.3</u>	<u>7.651</u>	<u>98.7</u>	<u>8.40</u>		<u>P</u> F
<u>CAL</u>	<u>ICV</u>	<u>CCV</u>				<u>100%</u>						<u>P</u> F
<u>CAL</u>	<u>ICV</u>	<u>CCV</u>				<u>100%</u>						<u>P</u> F
<u>CAL</u>	<u>ICV</u>	<u>CCV</u>				<u>100%</u>						<u>P</u> F

** See Table FS 2200-2 and/or Table FT 1500-1 for Dissolved Oxygen 100% Saturation (mg/L) corresponding to Temperature.

SPECIFIC CONDUCTANCE (REFERENCE: DEP SOP FT 1200)							Acceptance Criteria +/-5% the standard					
Meter/Instrument Name and Unique ID: <u>YSI 556 MPS #1</u>												
CAL	ICV	CCV	Initials	Date	Time	Standard (µmho/cm)	Exp. Date	Lot #	Response (µmho/cm)	Deviation (%)	Pass or Fail	
<u>CAL</u>	<u>ICV</u>	<u>CCV</u>	<u>CK</u>	<u>8-21-23</u>	<u>7:50</u>	<u>1413</u>	<u>11/23</u>	<u>35E0608</u>	<u>1387</u>		<u>P</u> F	
<u>CAL</u>	<u>ICV</u>	<u>CCV</u>	<u>CK</u>	<u>8-21-23</u>	<u>7:52</u>	<u>1413</u>	<u>05/24</u>	<u>35E0673</u>	<u>1440</u>		<u>P</u> F	
<u>CAL</u>	<u>ICV</u>	<u>CCV</u>	<u>CK</u>	<u>8-21-23</u>	<u>12:04</u>	<u>1413</u>	<u>05/24</u>	<u>35E0678</u>	<u>1412</u>		<u>P</u> F	
<u>CAL</u>	<u>ICV</u>	<u>CCV</u>									<u>P</u> F	
<u>CAL</u>	<u>ICV</u>	<u>CCV</u>									<u>P</u> F	
<u>CAL</u>	<u>ICV</u>	<u>CCV</u>									<u>P</u> F	
<u>CAL</u>	<u>ICV</u>	<u>CCV</u>									<u>P</u> F	
<u>CAL</u>	<u>ICV</u>	<u>CCV</u>									<u>P</u> F	
<u>CAL</u>	<u>ICV</u>	<u>CCV</u>									<u>P</u> F	

OXIDATION-REDUCTION POTENTIAL (ORP)							Acceptance Criteria +/-10 mV					
REFERENCE: EPA Region 4, Operating Procedure, Field Measurement of Oxidation-Reduction Potential (ORP)												
Meter/Instrument Name and Unique ID: <u>YSI 556 MPS #1</u>												
CAL	ICV	CCV	Initials	Date	Time	Standard (mV)	Exp. Date	Lot #	Response (mV)	Deviation (mV)	Pass or Fail	
<u>CAL</u>	<u>ICV</u>	<u>CCV</u>	<u>CK</u>	<u>8-21-23</u>	<u>7:54</u>	<u>240</u>	<u>05/24</u>	<u>35H0038</u>	<u>244.00</u>		<u>P</u> F	
<u>CAL</u>	<u>ICV</u>	<u>CCV</u>	<u>CK</u>	<u>8-21-23</u>	<u>7:56</u>	<u>240</u>	<u>05/24</u>	<u>35H0038</u>	<u>240.0</u>		<u>P</u> F	
<u>CAL</u>	<u>ICV</u>	<u>CCV</u>	<u>CK</u>	<u>8/21/23</u>	<u>12:15</u>	<u>246</u>	<u>08/24</u>	<u>35H0038</u>	<u>236.1</u>		<u>P</u> F	
<u>CAL</u>	<u>ICV</u>	<u>CCV</u>									<u>P</u> F	
<u>CAL</u>	<u>ICV</u>	<u>CCV</u>									<u>P</u> F	
<u>CAL</u>	<u>ICV</u>	<u>CCV</u>									<u>P</u> F	

Perform ICVs and CCVs only in "READ/RUN" mode.
 CAL - Calibration; ICV - Initial Calibration Verification; and, CCV - Continuing Calibration Verification.
 Deviation (%) = 100-((Response/Standard)*100)

Location Shell-North Bay Village Date 21 August 2023
 Project / Client M50885

Address 1345 NE 79th St CSUM, North Bay Village, Miami
 Personnel Chris Kelley
 Subcontractor Enviroprobe
 Weather 90/80°F
 Vehicle Chewi

TASK 1) Soil Sampling 2) GW Sampling
 Parameters BTEX, MTBE, PAH, SPPL, Lead, LEAD, Cu, Ni
 Equipment PPE, HPE, tubing (3/16), Silican, granulated Bucket, liquor, mason jars, soil, feeder bag, iced cooler, labels
 Instruments HACH 2100a, YSI 550
 Unit cost Solarist DTW Meter, GeoPump (pp)
 On site Vehicle,
 off site 9:30
13:40

Notes

7:00 Arrived @ Warehouse, loaded truck
 7:30 Began Cal, ICU at HACH 2100a, YSI 550 MPS, see logs
 8:30 Mobilized to job site
 9:30 Met Drillers on site; light rain delay
 9:45 rain stopped tailgate #ASP melting signed #ASP
 10:00 Marked out SB Location
 10:10 Began Hand Cleaning SB location

Location Shell North Bay Village Date 21 August 2023
 Project / Client M50885

Soil Sampling

Sample Name	Start Time	End Time
SB-8C	10:18	10:23
SB-8NNN	10:22	10:24
SB-8NNE	10:26	10:28
SB-8NNW	10:30	10:32
SB-8SSE	10:38	10:40
SB-8SSW	10:42	10:46
SB-8SSS	10:54	10:36
SB-4NNN	12:12 CK	12:14
SB-4NNW	12:30 CK	12:32
SB-4NNE	12:40 CK	12:42
SB-4EEN	12:58	13:00
SB-4EEE	13:10	13:12
SB-4EES	13:20	13:22
IDW	13:25	13:30

Monitoring Well	DTW	SAMPLE TIME
MW-9R	5.28	11:08
MW-10	5.80	N.S.
MW-NWR	5.21	N.S.

13:40 CCU Equipment cleaned up off site
 CCU Equipment
 Chris Kelley
 Rita in the Rain



205 N. Armenia Ave., Ste 102 | Tampa, FL 33609 | *Phone* 813.658.8823 | *Fax* 888.694.2822

APPENDIX B

August 28, 2023

Lena Mollica
MAS Environmental LLC
205 N America Ave
#102
Tampa, FL 33609

RE: LOG# 2387272
Project ID: Shell - North Bay Village

Dear Lena Mollica:

Enclosed are the analytical results for sample(s) received by the laboratory between Monday, August 21, 2023 and Wednesday, August 23, 2023. Results reported herein conform to the most current NELAC standards, where applicable, unless indicated by * in the body of the report. The enclosed Chain of Custody is a component of this package and should be retained with the package and incorporated therein.

Results for all solid matrices are reported in dry weight unless otherwise noted. Results for all liquid matrices are reported as received in the laboratory unless otherwise noted. Results relate only to the samples received. Should insufficient sample be provided to the laboratory to meet the method and NELAC Matrix Duplicate and Matrix Spike requirements, then the data will be analyzed, evaluated and reported using all other available quality control measures.

Samples are disposed of after 30 days of their receipt by the laboratory unless extended storage is requested in writing. The laboratory maintains the right to charge storage fees for archived samples. This report will be archived for 5 years after which time it will be destroyed without further notice, unless prior arrangements have been made.

Certain analyses are subcontracted to outside NELAC certified laboratories, please see the Project Summary section of this report for NELAC certification numbers of laboratories used. A Statement of Qualifiers is available upon request.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Nicole Laing for
Kacia Baldwin
kaciab@jupiterlabs.com

Report ID: 2387272

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SUMMARY OF HITS

Workorder: 2387272

Project ID: Shell - North Bay Village

Lab Sample ID	Client Sample ID	Result/ Qual	PQL	MDL	Units	Method
2387272001	SB-8C (0-2)					
Percent Solids (Dryweight)		92.2	0.1		%	SM 2540G
Lead		47	0.54	0.085	mg/Kg	EPA 6020
2387272002	SB-8NNN (0-2)					
Acenaphthene		0.245i	0.404	0.101	mg/Kg	EPA 8310 List by 8270E SIM (S)
Anthracene		0.420	0.404	0.101	mg/Kg	EPA 8310 List by 8270E SIM (S)
Benzo(a)anthracene		2.64	0.242	0.061	mg/Kg	EPA 8310 List by 8270E SIM (S)
Benzo(a)pyrene		1.97	0.242	0.037	mg/Kg	EPA 8310 List by 8270E SIM (S)
Benzo(b)fluoranthene		3.16	0.242	0.052	mg/Kg	EPA 8310 List by 8270E SIM (S)
Benzo(g,h,i)perylene		2.20	0.242	0.061	mg/Kg	EPA 8310 List by 8270E SIM (S)
Benzo(k)fluoranthene		1.32	0.242	0.061	mg/Kg	EPA 8310 List by 8270E SIM (S)
Chrysene		2.88	0.242	0.061	mg/Kg	EPA 8310 List by 8270E SIM (S)
Dibenzo(a,h)anthracene		0.284	0.242	0.020	mg/Kg	EPA 8310 List by 8270E SIM (S)
Fluoranthene		6.34 J4h	0.404	0.101	mg/Kg	EPA 8310 List by 8270E SIM (S)
Fluorene		0.133i	0.404	0.101	mg/Kg	EPA 8310 List by 8270E SIM (S)
Indeno(1,2,3-cd)pyrene		2.01	0.242	0.061	mg/Kg	EPA 8310 List by 8270E SIM (S)
Phenanthrene		3.32 J4h	0.404	0.202	mg/Kg	EPA 8310 List by 8270E SIM (S)
Pyrene		4.24	0.404	0.101	mg/Kg	EPA 8310 List by 8270E SIM (S)
Percent Solids (Dryweight)		79.9	0.1		%	SM 2540G
2387272003	SB-8NNE (0-2)					
Anthracene		0.106i	0.364	0.091	mg/Kg	EPA 8310 List by 8270E SIM (S)
Benzo(a)anthracene		0.403	0.219	0.055	mg/Kg	EPA 8310 List by 8270E SIM (S)
Benzo(a)pyrene		0.327	0.219	0.034	mg/Kg	EPA 8310 List by 8270E SIM (S)
Benzo(b)fluoranthene		0.611	0.219	0.047	mg/Kg	EPA 8310 List by 8270E SIM (S)
Benzo(g,h,i)perylene		0.291	0.219	0.055	mg/Kg	EPA 8310 List by 8270E SIM (S)
Benzo(k)fluoranthene		0.270	0.219	0.055	mg/Kg	EPA 8310 List by 8270E SIM (S)
Chrysene		0.469	0.219	0.055	mg/Kg	EPA 8310 List by 8270E SIM (S)
Dibenzo(a,h)anthracene		0.054i	0.219	0.018	mg/Kg	EPA 8310 List by 8270E SIM (S)
Fluoranthene		0.863	0.364	0.091	mg/Kg	EPA 8310 List by 8270E SIM (S)
Indeno(1,2,3-cd)pyrene		0.391	0.219	0.055	mg/Kg	EPA 8310 List by 8270E SIM (S)
Phenanthrene		0.375	0.364	0.182	mg/Kg	EPA 8310 List by 8270E SIM (S)
Pyrene		0.681	0.364	0.091	mg/Kg	EPA 8310 List by 8270E SIM (S)
Percent Solids (Dryweight)		88.8	0.1		%	SM 2540G

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SUMMARY OF HITS

Workorder: 2387272

Project ID: Shell - North Bay Village

Lab Sample ID	Client Sample ID	Result/ Qual	PQL	MDL	Units	Method
2387272004	SB-8NNW (0-2)					
Benzo(a)anthracene		0.097i	0.213	0.053	mg/Kg	EPA 8310 List by 8270E SIM (S)
Benzo(a)pyrene		0.083i	0.213	0.033	mg/Kg	EPA 8310 List by 8270E SIM (S)
Benzo(b)fluoranthene		0.179i	0.213	0.046	mg/Kg	EPA 8310 List by 8270E SIM (S)
Benzo(g,h,i)perylene		0.077i	0.213	0.053	mg/Kg	EPA 8310 List by 8270E SIM (S)
Chrysene		0.121i	0.213	0.053	mg/Kg	EPA 8310 List by 8270E SIM (S)
Fluoranthene		0.209i	0.355	0.089	mg/Kg	EPA 8310 List by 8270E SIM (S)
Indeno(1,2,3-cd)pyrene		0.098i	0.213	0.053	mg/Kg	EPA 8310 List by 8270E SIM (S)
Pyrene		0.166i	0.355	0.089	mg/Kg	EPA 8310 List by 8270E SIM (S)
Percent Solids (Dryweight)		91.9	0.1		%	SM 2540G
2387272005	SB-8SSE (0-2)					
Benzo(a)anthracene		1.30	0.215	0.054	mg/Kg	EPA 8310 List by 8270E SIM (S)
Benzo(a)pyrene		1.48	0.215	0.033	mg/Kg	EPA 8310 List by 8270E SIM (S)
Benzo(b)fluoranthene		2.70	0.215	0.047	mg/Kg	EPA 8310 List by 8270E SIM (S)
Benzo(g,h,i)perylene		1.20	0.215	0.054	mg/Kg	EPA 8310 List by 8270E SIM (S)
Benzo(k)fluoranthene		1.17	0.215	0.054	mg/Kg	EPA 8310 List by 8270E SIM (S)
Chrysene		2.09	0.215	0.054	mg/Kg	EPA 8310 List by 8270E SIM (S)
Dibenzo(a,h)anthracene		0.196i	0.215	0.018	mg/Kg	EPA 8310 List by 8270E SIM (S)
Fluoranthene		3.74	0.358	0.090	mg/Kg	EPA 8310 List by 8270E SIM (S)
Indeno(1,2,3-cd)pyrene		1.65	0.215	0.054	mg/Kg	EPA 8310 List by 8270E SIM (S)
Phenanthrene		0.980	0.358	0.179	mg/Kg	EPA 8310 List by 8270E SIM (S)
Pyrene		3.06	0.358	0.090	mg/Kg	EPA 8310 List by 8270E SIM (S)
Percent Solids (Dryweight)		90.6	0.1		%	SM 2540G
2387272006	SB-8SSW (0-2)					
Benzo(a)anthracene		0.266	0.212	0.053	mg/Kg	EPA 8310 List by 8270E SIM (S)
Benzo(a)pyrene		0.198i	0.212	0.032	mg/Kg	EPA 8310 List by 8270E SIM (S)
Benzo(b)fluoranthene		0.343	0.212	0.046	mg/Kg	EPA 8310 List by 8270E SIM (S)
Benzo(g,h,i)perylene		0.148i	0.212	0.053	mg/Kg	EPA 8310 List by 8270E SIM (S)
Benzo(k)fluoranthene		0.179i	0.212	0.053	mg/Kg	EPA 8310 List by 8270E SIM (S)
Chrysene		0.274	0.212	0.053	mg/Kg	EPA 8310 List by 8270E SIM (S)
Dibenzo(a,h)anthracene		0.028i	0.212	0.018	mg/Kg	EPA 8310 List by 8270E SIM (S)
Fluoranthene		0.498	0.353	0.088	mg/Kg	EPA 8310 List by 8270E SIM (S)
Indeno(1,2,3-cd)pyrene		0.206i	0.212	0.053	mg/Kg	EPA 8310 List by 8270E SIM (S)

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SUMMARY OF HITS

Workorder: 2387272

Project ID: Shell - North Bay Village

Lab Sample ID	Client Sample ID	Result/ Qual	PQL	MDL	Units	Method
Phenanthrene		0.181i	0.353	0.176	mg/Kg	EPA 8310 List by 8270E SIM (S)
Pyrene		0.506	0.353	0.088	mg/Kg	EPA 8310 List by 8270E SIM (S)
Percent Solids (Dryweight)		91.2	0.1		%	SM 2540G
2387272007	SB-8SSS (0-2)					
Acenaphthene		0.111i	0.352	0.088	mg/Kg	EPA 8310 List by 8270E SIM (S)
Anthracene		0.451	0.352	0.088	mg/Kg	EPA 8310 List by 8270E SIM (S)
Benzo(a)anthracene		2.13 J4	0.211	0.053	mg/Kg	EPA 8310 List by 8270E SIM (S)
Benzo(a)pyrene		1.93	0.211	0.032	mg/Kg	EPA 8310 List by 8270E SIM (S)
Benzo(b)fluoranthene		3.55	0.211	0.046	mg/Kg	EPA 8310 List by 8270E SIM (S)
Benzo(g,h,i)perylene		1.49	0.211	0.053	mg/Kg	EPA 8310 List by 8270E SIM (S)
Benzo(k)fluoranthene		1.34	0.211	0.053	mg/Kg	EPA 8310 List by 8270E SIM (S)
Chrysene		2.98	0.211	0.053	mg/Kg	EPA 8310 List by 8270E SIM (S)
Dibenzo(a,h)anthracene		0.215	0.211	0.018	mg/Kg	EPA 8310 List by 8270E SIM (S)
Fluoranthene		7.50 J4	0.352	0.088	mg/Kg	EPA 8310 List by 8270E SIM (S)
Fluorene		0.112i	0.352	0.088	mg/Kg	EPA 8310 List by 8270E SIM (S)
Indeno(1,2,3-cd)pyrene		2.17 J4	0.211	0.053	mg/Kg	EPA 8310 List by 8270E SIM (S)
Phenanthrene		2.71 J4	0.352	0.176	mg/Kg	EPA 8310 List by 8270E SIM (S)
Pyrene		5.81 J4	0.352	0.088	mg/Kg	EPA 8310 List by 8270E SIM (S)
Percent Solids (Dryweight)		93.2	0.1		%	SM 2540G
2387272008	SB-4NNW (0-2)					
Acenaphthene		0.091i	0.342	0.086	mg/Kg	EPA 8310 List by 8270E SIM (S)
Anthracene		0.551	0.342	0.086	mg/Kg	EPA 8310 List by 8270E SIM (S)
Benzo(a)anthracene		2.56	0.205	0.051	mg/Kg	EPA 8310 List by 8270E SIM (S)
Benzo(a)pyrene		1.99	0.205	0.032	mg/Kg	EPA 8310 List by 8270E SIM (S)
Benzo(b)fluoranthene		3.65	0.205	0.045	mg/Kg	EPA 8310 List by 8270E SIM (S)
Benzo(g,h,i)perylene		1.33	0.205	0.051	mg/Kg	EPA 8310 List by 8270E SIM (S)
Benzo(k)fluoranthene		1.36	0.205	0.051	mg/Kg	EPA 8310 List by 8270E SIM (S)
Chrysene		3.28	0.205	0.051	mg/Kg	EPA 8310 List by 8270E SIM (S)
Dibenzo(a,h)anthracene		0.242	0.205	0.017	mg/Kg	EPA 8310 List by 8270E SIM (S)
Fluoranthene		8.66	0.342	0.086	mg/Kg	EPA 8310 List by 8270E SIM (S)
Indeno(1,2,3-cd)pyrene		2.02	0.205	0.051	mg/Kg	EPA 8310 List by 8270E SIM (S)
Phenanthrene		2.78	0.342	0.171	mg/Kg	EPA 8310 List by 8270E SIM (S)
Pyrene		6.66	0.342	0.086	mg/Kg	EPA 8310 List by 8270E SIM (S)

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SUMMARY OF HITS

Workorder: 2387272

Project ID: Shell - North Bay Village

Lab Sample ID	Client Sample ID	Result/ Qual	PQL	MDL	Units	Method
Percent Solids (Dryweight)		92.2	0.1		%	SM 2540G
2387272009	SB-4NNE (0-2)					
Acenaphthene		1.23	0.369	0.092	mg/Kg	EPA 8310 List by 8270E SIM (S)
Anthracene		3.61	0.369	0.092	mg/Kg	EPA 8310 List by 8270E SIM (S)
Benzo(a)anthracene		15.8	0.222	0.055	mg/Kg	EPA 8310 List by 8270E SIM (S)
Benzo(a)pyrene		12.3	0.222	0.034	mg/Kg	EPA 8310 List by 8270E SIM (S)
Benzo(b)fluoranthene		18.1	0.222	0.048	mg/Kg	EPA 8310 List by 8270E SIM (S)
Benzo(g,h,i)perylene		6.92	0.222	0.055	mg/Kg	EPA 8310 List by 8270E SIM (S)
Benzo(k)fluoranthene		5.12	0.222	0.055	mg/Kg	EPA 8310 List by 8270E SIM (S)
Chrysene		12.7	0.222	0.055	mg/Kg	EPA 8310 List by 8270E SIM (S)
Dibenzo(a,h)anthracene		1.39	0.222	0.018	mg/Kg	EPA 8310 List by 8270E SIM (S)
Fluoranthene		32.9	0.369	0.092	mg/Kg	EPA 8310 List by 8270E SIM (S)
Fluorene		1.05	0.369	0.092	mg/Kg	EPA 8310 List by 8270E SIM (S)
Indeno(1,2,3-cd)pyrene		10.8	0.222	0.055	mg/Kg	EPA 8310 List by 8270E SIM (S)
Phenanthrene		15.9	0.369	0.185	mg/Kg	EPA 8310 List by 8270E SIM (S)
Pyrene		24.6	0.369	0.092	mg/Kg	EPA 8310 List by 8270E SIM (S)
Percent Solids (Dryweight)		88.9	0.1		%	SM 2540G
2387272010	SB-4EEN (0-2)					
Benzo(a)anthracene		0.296	0.216	0.054	mg/Kg	EPA 8310 List by 8270E SIM (S)
Benzo(a)pyrene		0.340	0.216	0.033	mg/Kg	EPA 8310 List by 8270E SIM (S)
Benzo(b)fluoranthene		0.630	0.216	0.047	mg/Kg	EPA 8310 List by 8270E SIM (S)
Benzo(g,h,i)perylene		0.386	0.216	0.054	mg/Kg	EPA 8310 List by 8270E SIM (S)
Benzo(k)fluoranthene		0.200i	0.216	0.054	mg/Kg	EPA 8310 List by 8270E SIM (S)
Chrysene		0.254	0.216	0.054	mg/Kg	EPA 8310 List by 8270E SIM (S)
Dibenzo(a,h)anthracene		0.058i	0.216	0.018	mg/Kg	EPA 8310 List by 8270E SIM (S)
Fluoranthene		0.391	0.360	0.090	mg/Kg	EPA 8310 List by 8270E SIM (S)
Indeno(1,2,3-cd)pyrene		0.494	0.216	0.054	mg/Kg	EPA 8310 List by 8270E SIM (S)
Pyrene		0.320i	0.360	0.090	mg/Kg	EPA 8310 List by 8270E SIM (S)
Percent Solids (Dryweight)		87.8	0.1		%	SM 2540G
2387272011	SB-4EEE (0-2)					
1-Methylnaphthalene		0.265i	0.704	0.176	mg/Kg	EPA 8310 List by 8270E SIM (S)
2-Methylnaphthalene		0.462i	0.704	0.176	mg/Kg	EPA 8310 List by 8270E SIM (S)
Acenaphthene		1.15	0.352	0.088	mg/Kg	EPA 8310 List by 8270E SIM (S)



SUMMARY OF HITS

Workorder: 2387272

Project ID: Shell - North Bay Village

Lab Sample ID Analyte	Client Sample ID	Result/ Qual	PQL	MDL	Units	Method
Anthracene		2.88	0.352	0.088	mg/Kg	EPA 8310 List by 8270E SIM (S)
Benzo(a)anthracene		12.9	0.211	0.053	mg/Kg	EPA 8310 List by 8270E SIM (S)
Benzo(a)pyrene		8.04	0.211	0.032	mg/Kg	EPA 8310 List by 8270E SIM (S)
Benzo(b)fluoranthene		12.1	0.211	0.046	mg/Kg	EPA 8310 List by 8270E SIM (S)
Benzo(g,h,i)perylene		5.60	0.211	0.053	mg/Kg	EPA 8310 List by 8270E SIM (S)
Benzo(k)fluoranthene		4.40	0.211	0.053	mg/Kg	EPA 8310 List by 8270E SIM (S)
Chrysene		10.4	0.211	0.053	mg/Kg	EPA 8310 List by 8270E SIM (S)
Dibenzo(a,h)anthracene		0.807	0.211	0.018	mg/Kg	EPA 8310 List by 8270E SIM (S)
Fluoranthene		30.5	0.352	0.088	mg/Kg	EPA 8310 List by 8270E SIM (S)
Fluorene		0.669	0.352	0.088	mg/Kg	EPA 8310 List by 8270E SIM (S)
Indeno(1,2,3-cd)pyrene		6.35	0.211	0.053	mg/Kg	EPA 8310 List by 8270E SIM (S)
Naphthalene		0.283i	0.704	0.176	mg/Kg	EPA 8310 List by 8270E SIM (S)
Phenanthrene		16.4	0.352	0.176	mg/Kg	EPA 8310 List by 8270E SIM (S)
Pyrene		18.2	0.352	0.088	mg/Kg	EPA 8310 List by 8270E SIM (S)
Percent Solids (Dryweight)		88.9	0.1		%	SM 2540G
2387272012	SB-4EES (0-2)					
Benzo(a)anthracene		0.175i	0.211	0.053	mg/Kg	EPA 8310 List by 8270E SIM (S)
Benzo(a)pyrene		0.126i	0.211	0.032	mg/Kg	EPA 8310 List by 8270E SIM (S)
Benzo(b)fluoranthene		0.211	0.211	0.046	mg/Kg	EPA 8310 List by 8270E SIM (S)
Benzo(g,h,i)perylene		0.112i	0.211	0.053	mg/Kg	EPA 8310 List by 8270E SIM (S)
Benzo(k)fluoranthene		0.101i	0.211	0.053	mg/Kg	EPA 8310 List by 8270E SIM (S)
Chrysene		0.167i	0.211	0.053	mg/Kg	EPA 8310 List by 8270E SIM (S)
Fluoranthene		0.313i	0.352	0.088	mg/Kg	EPA 8310 List by 8270E SIM (S)
Indeno(1,2,3-cd)pyrene		0.114i	0.211	0.053	mg/Kg	EPA 8310 List by 8270E SIM (S)
Pyrene		0.251i	0.352	0.088	mg/Kg	EPA 8310 List by 8270E SIM (S)
Percent Solids (Dryweight)		91.5	0.1		%	SM 2540G
2387272013	IDW (0-2)					
Xylenes- Total		0.00313	0.00175	0.000868	mg/Kg	EPA 8260C
m & p-xylene		0.00203	0.00175	0.000561	mg/Kg	EPA 8260C
o-Xylene		0.00110i	0.00175	0.000351	mg/Kg	EPA 8260C
Percent Solids (Dryweight)		90.1	0.1		%	SM 2540G
Chromium		11	1.2	0.24	mg/Kg	EPA 6020
Arsenic		2.5	0.55	0.091	mg/Kg	EPA 6020

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SUMMARY OF HITS

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Project ID: Shell - North Bay Village

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Cadmium		0.37i	0.55	0.10	mg/Kg	EPA 6020
Lead		160 L1	0.55	0.087	mg/Kg	EPA 6020
Lead		0.022	0.0080	0.00012	mg/L	EPA 1311/200.8
2387272014	SB-8C (2-4)					
Percent Solids (Dryweight)		92.2	0.1		%	SM 2540G
Lead		22	0.54	0.085	mg/Kg	EPA 6020
2387272015	SB-8NNN (2-4)					
Acenaphthene		0.421	0.373	0.093	mg/Kg	EPA 8310 List by 8270E SIM (S)
Anthracene		0.944	0.373	0.093	mg/Kg	EPA 8310 List by 8270E SIM (S)
Benzo(a)anthracene		6.28	0.224	0.056	mg/Kg	EPA 8310 List by 8270E SIM (S)
Benzo(a)pyrene		4.27	0.224	0.034	mg/Kg	EPA 8310 List by 8270E SIM (S)
Benzo(b)fluoranthene		6.78	0.224	0.048	mg/Kg	EPA 8310 List by 8270E SIM (S)
Benzo(g,h,i)perylene		3.41	0.224	0.056	mg/Kg	EPA 8310 List by 8270E SIM (S)
Benzo(k)fluoranthene		2.49	0.224	0.056	mg/Kg	EPA 8310 List by 8270E SIM (S)
Chrysene		5.62	0.224	0.056	mg/Kg	EPA 8310 List by 8270E SIM (S)
Dibenzo(a,h)anthracene		0.501	0.224	0.019	mg/Kg	EPA 8310 List by 8270E SIM (S)
Fluoranthene		13.6	0.373	0.093	mg/Kg	EPA 8310 List by 8270E SIM (S)
Fluorene		0.248i	0.373	0.093	mg/Kg	EPA 8310 List by 8270E SIM (S)
Indeno(1,2,3-cd)pyrene		3.73	0.224	0.056	mg/Kg	EPA 8310 List by 8270E SIM (S)
Phenanthrene		6.08	0.373	0.187	mg/Kg	EPA 8310 List by 8270E SIM (S)
Pyrene		8.01	0.373	0.093	mg/Kg	EPA 8310 List by 8270E SIM (S)
Percent Solids (Dryweight)		86.6	0.1		%	SM 2540G
2387272016	SB-8NNE (2-4)					
Acenaphthene		0.471	0.396	0.099	mg/Kg	EPA 8310 List by 8270E SIM (S)
Anthracene		1.34	0.396	0.099	mg/Kg	EPA 8310 List by 8270E SIM (S)
Benzo(a)anthracene		14.3	0.237	0.059	mg/Kg	EPA 8310 List by 8270E SIM (S)
Benzo(a)pyrene		10.8	0.237	0.036	mg/Kg	EPA 8310 List by 8270E SIM (S)
Benzo(b)fluoranthene		15.1	0.237	0.051	mg/Kg	EPA 8310 List by 8270E SIM (S)
Benzo(g,h,i)perylene		7.16	0.237	0.059	mg/Kg	EPA 8310 List by 8270E SIM (S)
Benzo(k)fluoranthene		5.10	0.237	0.059	mg/Kg	EPA 8310 List by 8270E SIM (S)
Chrysene		11.8	0.237	0.059	mg/Kg	EPA 8310 List by 8270E SIM (S)
Dibenzo(a,h)anthracene		0.981	0.237	0.020	mg/Kg	EPA 8310 List by 8270E SIM (S)
Fluoranthene		23.9	0.396	0.099	mg/Kg	EPA 8310 List by 8270E SIM (S)

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SUMMARY OF HITS

Workorder: 2387272

Project ID: Shell - North Bay Village

Lab Sample ID Analyte	Client Sample ID	Result/ Qual	PQL	MDL	Units	Method
Fluorene		0.298i	0.396	0.099	mg/Kg	EPA 8310 List by 8270E SIM (S)
Indeno(1,2,3-cd)pyrene		8.17	0.237	0.059	mg/Kg	EPA 8310 List by 8270E SIM (S)
Phenanthrene		6.69	0.396	0.198	mg/Kg	EPA 8310 List by 8270E SIM (S)
Pyrene		15.4	0.396	0.099	mg/Kg	EPA 8310 List by 8270E SIM (S)
Percent Solids (Dryweight)		81.1	0.1		%	SM 2540G
2387272017 SB-8NNW (2-4)						
Acenaphthene		0.511	0.371	0.093	mg/Kg	EPA 8310 List by 8270E SIM (S)
Anthracene		1.07	0.371	0.093	mg/Kg	EPA 8310 List by 8270E SIM (S)
Benzo(a)anthracene		5.42	0.223	0.056	mg/Kg	EPA 8310 List by 8270E SIM (S)
Benzo(a)pyrene		3.51	0.223	0.034	mg/Kg	EPA 8310 List by 8270E SIM (S)
Benzo(b)fluoranthene		5.49	0.223	0.048	mg/Kg	EPA 8310 List by 8270E SIM (S)
Benzo(g,h,i)perylene		2.62	0.223	0.056	mg/Kg	EPA 8310 List by 8270E SIM (S)
Benzo(k)fluoranthene		1.91	0.223	0.056	mg/Kg	EPA 8310 List by 8270E SIM (S)
Chrysene		4.55	0.223	0.056	mg/Kg	EPA 8310 List by 8270E SIM (S)
Dibenzo(a,h)anthracene		0.394	0.223	0.019	mg/Kg	EPA 8310 List by 8270E SIM (S)
Fluoranthene		11.1	0.371	0.093	mg/Kg	EPA 8310 List by 8270E SIM (S)
Fluorene		0.356i	0.371	0.093	mg/Kg	EPA 8310 List by 8270E SIM (S)
Indeno(1,2,3-cd)pyrene		3.03	0.223	0.056	mg/Kg	EPA 8310 List by 8270E SIM (S)
Phenanthrene		5.85	0.371	0.185	mg/Kg	EPA 8310 List by 8270E SIM (S)
Pyrene		6.75	0.371	0.093	mg/Kg	EPA 8310 List by 8270E SIM (S)
Percent Solids (Dryweight)		85.6	0.1		%	SM 2540G
2387272018 SB-8SSE (2-4)						
Benzo(a)anthracene		1.31	0.209	0.052	mg/Kg	EPA 8310 List by 8270E SIM (S)
Benzo(a)pyrene		1.20	0.209	0.032	mg/Kg	EPA 8310 List by 8270E SIM (S)
Benzo(b)fluoranthene		2.15	0.209	0.045	mg/Kg	EPA 8310 List by 8270E SIM (S)
Benzo(g,h,i)perylene		1.24	0.209	0.052	mg/Kg	EPA 8310 List by 8270E SIM (S)
Benzo(k)fluoranthene		0.774	0.209	0.052	mg/Kg	EPA 8310 List by 8270E SIM (S)
Chrysene		1.71	0.209	0.052	mg/Kg	EPA 8310 List by 8270E SIM (S)
Dibenzo(a,h)anthracene		0.139i	0.209	0.017	mg/Kg	EPA 8310 List by 8270E SIM (S)
Fluoranthene		2.72	0.349	0.087	mg/Kg	EPA 8310 List by 8270E SIM (S)
Indeno(1,2,3-cd)pyrene		1.28	0.209	0.052	mg/Kg	EPA 8310 List by 8270E SIM (S)
Phenanthrene		0.586	0.349	0.174	mg/Kg	EPA 8310 List by 8270E SIM (S)
Pyrene		1.92	0.349	0.087	mg/Kg	EPA 8310 List by 8270E SIM (S)

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SUMMARY OF HITS

Workorder: 2387272

Project ID: Shell - North Bay Village

Lab Sample ID	Client Sample ID	Result/ Qual	PQL	MDL	Units	Method
Percent Solids (Dryweight)		90.8	0.1		%	SM 2540G
2387272019	SB 8SSW (2-4)					
Benzo(a)anthracene		0.078i	0.214	0.054	mg/Kg	EPA 8310 List by 8270E SIM (S)
Benzo(a)pyrene		0.070i	0.214	0.033	mg/Kg	EPA 8310 List by 8270E SIM (S)
Benzo(b)fluoranthene		0.121i	0.214	0.046	mg/Kg	EPA 8310 List by 8270E SIM (S)
Benzo(g,h,i)perylene		0.091i	0.214	0.054	mg/Kg	EPA 8310 List by 8270E SIM (S)
Benzo(k)fluoranthene		0.063i	0.214	0.054	mg/Kg	EPA 8310 List by 8270E SIM (S)
Chrysene		0.093i	0.214	0.054	mg/Kg	EPA 8310 List by 8270E SIM (S)
Dibenzo(a,h)anthracene		0.018i	0.214	0.018	mg/Kg	EPA 8310 List by 8270E SIM (S)
Fluoranthene		0.134i	0.357	0.089	mg/Kg	EPA 8310 List by 8270E SIM (S)
Indeno(1,2,3-cd)pyrene		0.081i	0.214	0.054	mg/Kg	EPA 8310 List by 8270E SIM (S)
Pyrene		0.229i	0.357	0.089	mg/Kg	EPA 8310 List by 8270E SIM (S)
Percent Solids (Dryweight)		87.9	0.1		%	SM 2540G
2387272020	SB-8SSS (2-4)					
Benzo(a)anthracene		0.067i	0.210	0.052	mg/Kg	EPA 8310 List by 8270E SIM (S)
Benzo(a)pyrene		0.058i	0.210	0.032	mg/Kg	EPA 8310 List by 8270E SIM (S)
Benzo(b)fluoranthene		0.097i	0.210	0.045	mg/Kg	EPA 8310 List by 8270E SIM (S)
Benzo(g,h,i)perylene		0.074i	0.210	0.052	mg/Kg	EPA 8310 List by 8270E SIM (S)
Benzo(k)fluoranthene		0.059i	0.210	0.052	mg/Kg	EPA 8310 List by 8270E SIM (S)
Chrysene		0.095i	0.210	0.052	mg/Kg	EPA 8310 List by 8270E SIM (S)
Fluoranthene		0.149i	0.350	0.087	mg/Kg	EPA 8310 List by 8270E SIM (S)
Indeno(1,2,3-cd)pyrene		0.076i	0.210	0.052	mg/Kg	EPA 8310 List by 8270E SIM (S)
Pyrene		0.175i	0.350	0.087	mg/Kg	EPA 8310 List by 8270E SIM (S)
Percent Solids (Dryweight)		89.1	0.1		%	SM 2540G
2387272021	SB-4NNN (2-4)					
Anthracene		0.141i	0.356	0.089	mg/Kg	EPA 8310 List by 8270E SIM (S)
Benzo(a)anthracene		1.06	0.213	0.053	mg/Kg	EPA 8310 List by 8270E SIM (S)
Benzo(a)pyrene		0.697	0.213	0.033	mg/Kg	EPA 8310 List by 8270E SIM (S)
Benzo(b)fluoranthene		1.17	0.213	0.046	mg/Kg	EPA 8310 List by 8270E SIM (S)
Benzo(g,h,i)perylene		0.618	0.213	0.053	mg/Kg	EPA 8310 List by 8270E SIM (S)
Benzo(k)fluoranthene		0.494	0.213	0.053	mg/Kg	EPA 8310 List by 8270E SIM (S)
Chrysene		1.04	0.213	0.053	mg/Kg	EPA 8310 List by 8270E SIM (S)
Dibenzo(a,h)anthracene		0.083i	0.213	0.018	mg/Kg	EPA 8310 List by 8270E SIM (S)



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Lab Sample ID	Client Sample ID	Result/ Qual	PQL	MDL	Units	Method
Fluoranthene		2.16	0.356	0.089	mg/Kg	EPA 8310 List by 8270E SIM (S)
Indeno(1,2,3-cd)pyrene		0.624	0.213	0.053	mg/Kg	EPA 8310 List by 8270E SIM (S)
Phenanthrene		1.00	0.356	0.178	mg/Kg	EPA 8310 List by 8270E SIM (S)
Pyrene		1.43	0.356	0.089	mg/Kg	EPA 8310 List by 8270E SIM (S)
Percent Solids (Dryweight)		87.9	0.1		%	SM 2540G
2387272022	SB-4NNW (2-4)					
Benzo(a)anthracene		0.279	0.210	0.052	mg/Kg	EPA 8310 List by 8270E SIM (S)
Benzo(a)pyrene		0.206i	0.210	0.032	mg/Kg	EPA 8310 List by 8270E SIM (S)
Benzo(b)fluoranthene		0.358	0.210	0.045	mg/Kg	EPA 8310 List by 8270E SIM (S)
Benzo(g,h,i)perylene		0.230	0.210	0.052	mg/Kg	EPA 8310 List by 8270E SIM (S)
Benzo(k)fluoranthene		0.149i	0.210	0.052	mg/Kg	EPA 8310 List by 8270E SIM (S)
Chrysene		0.294	0.210	0.052	mg/Kg	EPA 8310 List by 8270E SIM (S)
Dibenzo(a,h)anthracene		0.030i	0.210	0.017	mg/Kg	EPA 8310 List by 8270E SIM (S)
Fluoranthene		0.583	0.350	0.087	mg/Kg	EPA 8310 List by 8270E SIM (S)
Indeno(1,2,3-cd)pyrene		0.217	0.210	0.052	mg/Kg	EPA 8310 List by 8270E SIM (S)
Phenanthrene		0.266i	0.350	0.175	mg/Kg	EPA 8310 List by 8270E SIM (S)
Pyrene		0.477	0.350	0.087	mg/Kg	EPA 8310 List by 8270E SIM (S)
Percent Solids (Dryweight)		91.1	0.1		%	SM 2540G
2387272023	SB-4NNE (2-4)					
Acenaphthene		0.268i	0.357	0.089	mg/Kg	EPA 8310 List by 8270E SIM (S)
Anthracene		0.669	0.357	0.089	mg/Kg	EPA 8310 List by 8270E SIM (S)
Benzo(a)anthracene		3.47	0.214	0.054	mg/Kg	EPA 8310 List by 8270E SIM (S)
Benzo(a)pyrene		2.68	0.214	0.033	mg/Kg	EPA 8310 List by 8270E SIM (S)
Benzo(b)fluoranthene		4.07	0.214	0.046	mg/Kg	EPA 8310 List by 8270E SIM (S)
Benzo(g,h,i)perylene		2.18	0.214	0.054	mg/Kg	EPA 8310 List by 8270E SIM (S)
Benzo(k)fluoranthene		1.62	0.214	0.054	mg/Kg	EPA 8310 List by 8270E SIM (S)
Chrysene		3.49	0.214	0.054	mg/Kg	EPA 8310 List by 8270E SIM (S)
Dibenzo(a,h)anthracene		0.308	0.214	0.018	mg/Kg	EPA 8310 List by 8270E SIM (S)
Fluoranthene		8.10	0.357	0.089	mg/Kg	EPA 8310 List by 8270E SIM (S)
Fluorene		0.192i	0.357	0.089	mg/Kg	EPA 8310 List by 8270E SIM (S)
Indeno(1,2,3-cd)pyrene		2.25	0.214	0.054	mg/Kg	EPA 8310 List by 8270E SIM (S)
Phenanthrene		3.79	0.357	0.179	mg/Kg	EPA 8310 List by 8270E SIM (S)
Pyrene		5.61	0.357	0.089	mg/Kg	EPA 8310 List by 8270E SIM (S)

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SUMMARY OF HITS

Workorder: 2387272

Project ID: Shell - North Bay Village

Lab Sample ID	Client Sample ID	Result/ Qual	PQL	MDL	Units	Method
Percent Solids (Dryweight)		88.0	0.1		%	SM 2540G
2387272024	SB-4EEN (2-4)					
Benzo(a)anthracene		0.617	0.223	0.056	mg/Kg	EPA 8310 List by 8270E SIM (S)
Benzo(a)pyrene		0.867	0.223	0.034	mg/Kg	EPA 8310 List by 8270E SIM (S)
Benzo(b)fluoranthene		1.35	0.223	0.048	mg/Kg	EPA 8310 List by 8270E SIM (S)
Benzo(g,h,i)perylene		1.26	0.223	0.056	mg/Kg	EPA 8310 List by 8270E SIM (S)
Benzo(k)fluoranthene		0.519	0.223	0.056	mg/Kg	EPA 8310 List by 8270E SIM (S)
Chrysene		0.713	0.223	0.056	mg/Kg	EPA 8310 List by 8270E SIM (S)
Dibenzo(a,h)anthracene		0.142i	0.223	0.019	mg/Kg	EPA 8310 List by 8270E SIM (S)
Fluoranthene		0.597	0.372	0.093	mg/Kg	EPA 8310 List by 8270E SIM (S)
Indeno(1,2,3-cd)pyrene		1.13	0.223	0.056	mg/Kg	EPA 8310 List by 8270E SIM (S)
Pyrene		0.652	0.372	0.093	mg/Kg	EPA 8310 List by 8270E SIM (S)
Percent Solids (Dryweight)		88.5	0.1		%	SM 2540G
2387272025	SB-4EEE (2-4)					
Acenaphthene		0.222i	0.360	0.090	mg/Kg	EPA 8310 List by 8270E SIM (S)
Anthracene		0.438	0.360	0.090	mg/Kg	EPA 8310 List by 8270E SIM (S)
Benzo(a)anthracene		3.05	0.216	0.054	mg/Kg	EPA 8310 List by 8270E SIM (S)
Benzo(a)pyrene		2.11	0.216	0.033	mg/Kg	EPA 8310 List by 8270E SIM (S)
Benzo(b)fluoranthene		3.42	0.216	0.047	mg/Kg	EPA 8310 List by 8270E SIM (S)
Benzo(g,h,i)perylene		1.73	0.216	0.054	mg/Kg	EPA 8310 List by 8270E SIM (S)
Benzo(k)fluoranthene		1.31	0.216	0.054	mg/Kg	EPA 8310 List by 8270E SIM (S)
Chrysene		2.87	0.216	0.054	mg/Kg	EPA 8310 List by 8270E SIM (S)
Dibenzo(a,h)anthracene		0.235	0.216	0.018	mg/Kg	EPA 8310 List by 8270E SIM (S)
Fluoranthene		6.93	0.360	0.090	mg/Kg	EPA 8310 List by 8270E SIM (S)
Fluorene		0.119i	0.360	0.090	mg/Kg	EPA 8310 List by 8270E SIM (S)
Indeno(1,2,3-cd)pyrene		1.84	0.216	0.054	mg/Kg	EPA 8310 List by 8270E SIM (S)
Phenanthrene		3.26	0.360	0.180	mg/Kg	EPA 8310 List by 8270E SIM (S)
Pyrene		4.64	0.360	0.090	mg/Kg	EPA 8310 List by 8270E SIM (S)
Percent Solids (Dryweight)		90.4	0.1		%	SM 2540G
2387272026	SB- EES (2-4)					
Benzo(a)anthracene		0.055i	0.213	0.053	mg/Kg	EPA 8310 List by 8270E SIM (S)
Benzo(a)pyrene		0.040i	0.213	0.033	mg/Kg	EPA 8310 List by 8270E SIM (S)
Benzo(b)fluoranthene		0.061i	0.213	0.046	mg/Kg	EPA 8310 List by 8270E SIM (S)



SUMMARY OF HITS

Workorder: 2387272

Project ID: Shell - North Bay Village

Lab Sample ID Analyte	Client Sample ID	Result/ Qual	PQL	MDL	Units	Method
Fluoranthene		0.089i	0.355	0.089	mg/Kg	EPA 8310 List by 8270E SIM (S)
Percent Solids (Dryweight)		88.4	0.1		%	SM 2540G

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SAMPLE ANALYTE COUNT

Workorder: 2387272

Project ID: Shell - North Bay Village

Lab ID	Sample ID	Method	Analytes Reported
2387272001	SB-8C (0-2)	EPA 6020	1
		SM 2540G	1
2387272002	SB-8NNN (0-2)	EPA 8310 List by 8270E SIM (S)	21
		SM 2540G	1
2387272003	SB-8NNE (0-2)	EPA 8310 List by 8270E SIM (S)	21
		SM 2540G	1
2387272004	SB-8NNW (0-2)	EPA 8310 List by 8270E SIM (S)	21
		SM 2540G	1
2387272005	SB-8SSE (0-2)	EPA 8310 List by 8270E SIM (S)	21
		SM 2540G	1
2387272006	SB-8SSW (0-2)	EPA 8310 List by 8270E SIM (S)	21
		SM 2540G	1
2387272007	SB-8SSS (0-2)	EPA 8310 List by 8270E SIM (S)	21
		SM 2540G	1
2387272008	SB-4NNW (0-2)	EPA 8310 List by 8270E SIM (S)	21
		SM 2540G	1
2387272009	SB-4NNE (0-2)	EPA 8310 List by 8270E SIM (S)	21
		SM 2540G	1
2387272010	SB-4EEN (0-2)	EPA 8310 List by 8270E SIM (S)	21
		SM 2540G	1
2387272011	SB-4EEE (0-2)	EPA 8310 List by 8270E SIM (S)	21
		SM 2540G	1
2387272012	SB-4EES (0-2)	EPA 8310 List by 8270E SIM (S)	21
		SM 2540G	1
2387272013	IDW (0-2)	EPA 1311/200.8	1
		EPA 6020	4
		EPA 8260C	10
		EPA 8260C (TCLP)	4
		SM 2540G	1
2387272014	SB-8C (2-4)	EPA 6020	1
		SM 2540G	1
2387272015	SB-8NNN (2-4)	EPA 8310 List by 8270E SIM (S)	21
		SM 2540G	1
2387272016	SB-8NNE (2-4)	EPA 8310 List by 8270E SIM (S)	21
		SM 2540G	1

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SAMPLE ANALYTE COUNT

Workorder: 2387272

Project ID: Shell - North Bay Village

Lab ID	Sample ID	Method	Analytes Reported
2387272017	SB-8NNW (2-4)	EPA 8310 List by 8270E SIM (S)	21
		SM 2540G	1
2387272018	SB-8SSE (2-4)	EPA 8310 List by 8270E SIM (S)	21
		SM 2540G	1
2387272019	SB 8SSW (2-4)	EPA 8310 List by 8270E SIM (S)	21
		SM 2540G	1
2387272020	SB-8SSS (2-4)	EPA 8310 List by 8270E SIM (S)	21
		SM 2540G	1
2387272021	SB-4NNN (2-4)	EPA 8310 List by 8270E SIM (S)	21
		SM 2540G	1
2387272022	SB-4NNW (2-4)	EPA 8310 List by 8270E SIM (S)	21
		SM 2540G	1
2387272023	SB-4NNE (2-4)	EPA 8310 List by 8270E SIM (S)	21
		SM 2540G	1
2387272024	SB-4EEN (2-4)	EPA 8310 List by 8270E SIM (S)	21
		SM 2540G	1
2387272025	SB-4EEE (2-4)	EPA 8310 List by 8270E SIM (S)	21
		SM 2540G	1
2387272026	SB- EES (2-4)	EPA 8310 List by 8270E SIM (S)	21
		SM 2540G	1
2387272027	MW-9R	EPA 200.8 (Total)	1

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SAMPLE SUMMARY

Workorder: 2387272

Project ID: Shell - North Bay Village

Lab ID	Sample ID	Matrix	Date Collected	Date Received
2387272001	SB-8C (0-2)	Soil/Solid	8/21/2023 10:18	8/21/2023 16:52
2387272002	SB-8NNN (0-2)	Soil/Solid	8/21/2023 10:22	8/23/2023 16:34
2387272003	SB-8NNE (0-2)	Soil/Solid	8/21/2023 10:26	8/21/2023 16:52
2387272004	SB-8NNW (0-2)	Soil/Solid	8/21/2023 10:30	8/21/2023 16:52
2387272005	SB-8SSE (0-2)	Soil/Solid	8/21/2023 10:38	8/21/2023 16:52
2387272006	SB-8SSW (0-2)	Soil/Solid	8/21/2023 10:42	8/21/2023 16:52
2387272007	SB-8SSS (0-2)	Soil/Solid	8/21/2023 10:34	8/21/2023 16:52
2387272008	SB-4NNW (0-2)	Soil/Solid	8/21/2023 12:30	8/21/2023 16:52
2387272009	SB-4NNE (0-2)	Soil/Solid	8/21/2023 12:40	8/21/2023 16:52
2387272010	SB-4EEN (0-2)	Soil/Solid	8/21/2023 12:58	8/21/2023 16:52
2387272011	SB-4EEE (0-2)	Soil/Solid	8/21/2023 13:10	8/21/2023 16:52
2387272012	SB-4EES (0-2)	Soil/Solid	8/21/2023 13:20	8/21/2023 16:52
2387272013	IDW (0-2)	Soil/Solid	8/21/2023 13:25	8/21/2023 16:52
2387272014	SB-8C (2-4)	Soil/Solid	8/21/2023 10:20	8/21/2023 16:52
2387272015	SB-8NNN (2-4)	Soil/Solid	8/21/2023 10:24	8/21/2023 16:52
2387272016	SB-8NNE (2-4)	Soil/Solid	8/21/2023 10:28	8/21/2023 16:52
2387272017	SB-8NNW (2-4)	Soil/Solid	8/21/2023 10:32	8/21/2023 16:52
2387272018	SB-8SSE (2-4)	Soil/Solid	8/21/2023 10:40	8/21/2023 16:52
2387272019	SB 8SSW (2-4)	Soil/Solid	8/21/2023 10:46	8/21/2023 16:52
2387272020	SB-8SSS (2-4)	Soil/Solid	8/21/2023 10:36	8/21/2023 16:52
2387272021	SB-4NNN (2-4)	Soil/Solid	8/21/2023 12:14	8/21/2023 16:52
2387272022	SB-4NNW (2-4)	Soil/Solid	8/21/2023 12:32	8/21/2023 16:52
2387272023	SB-4NNE (2-4)	Soil/Solid	8/21/2023 12:42	8/21/2023 16:52
2387272024	SB-4EEN (2-4)	Soil/Solid	8/21/2023 13:00	8/21/2023 16:52
2387272025	SB-4EEE (2-4)	Soil/Solid	8/21/2023 13:12	8/21/2023 16:52
2387272026	SB- EES (2-4)	Soil/Solid	8/21/2023 13:22	8/21/2023 16:52
2387272027	MW-9R	Aqueous Liquid	8/21/2023 11:08	8/21/2023 16:52

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ANALYTICAL RESULTS

Workorder: 2387272

Project ID: Shell - North Bay Village

Lab ID: **2387272001**

Date Received: 8/21/2023 16:52

Matrix: Soil/Solid

Sample ID: **SB-8C (0-2)**

Date Collected: 8/21/2023 10:18

Parameters	Results	Units	PQL	MDL	DF Prepared	By	Analyzed	By	Qual
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Wet Chemistry

Analysis Desc: 2540G Percent Solids (Dryweight)			Analytical Method: SM 2540G						
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Percent Solids (Dryweight)	92.2 %		0.1		1		8/23/2023 10:15	CT	
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Analysis Desc: EPA 6020 Metals SCAN by ICP/MS (S)			Preparation Method: EPA 3050B (mod)						
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			Analytical Method: EPA 6020						
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Lead	47 mg/Kg		0.54	0.085	2	8/23/2023 15:13	ECW	8/23/2023 21:18	DB
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ANALYTICAL RESULTS

Workorder: 2387272
 Project ID: Shell - North Bay Village

Lab ID: **2387272002** Date Received: 8/23/2023 16:34 Matrix: Soil/Solid
 Sample ID: **SB-8NNN (0-2)** Date Collected: 8/21/2023 10:22

Parameters	Results	Units	PQL	MDL	DF Prepared	By	Analyzed	By	Qual
Semivolatiles by EPA 8270C									
Analysis Desc: PAH List by 8270 SIM (S)					Preparation Method: EPA 3545				
Analytical Method: EPA 8310 List by 8270E SIM (S)									
1-Methylnaphthalene	0.202	U mg/Kg	0.807	0.202	1 8/24/2023 14:34	SMC	8/26/2023 05:49	TDB	
2-Methylnaphthalene	0.202	U mg/Kg	0.807	0.202	1 8/24/2023 14:34	SMC	8/26/2023 05:49	TDB	
Acenaphthene	0.245i	mg/Kg	0.404	0.101	1 8/24/2023 14:34	SMC	8/26/2023 05:49	TDB	
Acenaphthylene	0.101	U mg/Kg	0.404	0.101	1 8/24/2023 14:34	SMC	8/26/2023 05:49	TDB	
Anthracene	0.420	mg/Kg	0.404	0.101	1 8/24/2023 14:34	SMC	8/26/2023 05:49	TDB	
Benzo(a)anthracene	2.64	mg/Kg	0.242	0.061	1 8/24/2023 14:34	SMC	8/26/2023 05:49	TDB	
Benzo(a)pyrene	1.97	mg/Kg	0.242	0.037	1 8/24/2023 14:34	SMC	8/26/2023 05:49	TDB	
Benzo(b)fluoranthene	3.16	mg/Kg	0.242	0.052	1 8/24/2023 14:34	SMC	8/26/2023 05:49	TDB	
Benzo(g,h,i)perylene	2.20	mg/Kg	0.242	0.061	1 8/24/2023 14:34	SMC	8/26/2023 05:49	TDB	
Benzo(k)fluoranthene	1.32	mg/Kg	0.242	0.061	1 8/24/2023 14:34	SMC	8/26/2023 05:49	TDB	
Chrysene	2.88	mg/Kg	0.242	0.061	1 8/24/2023 14:34	SMC	8/26/2023 05:49	TDB	
Dibenzo(a,h)anthracene	0.284	mg/Kg	0.242	0.020	1 8/24/2023 14:34	SMC	8/26/2023 05:49	TDB	
Fluoranthene	6.34	mg/Kg	0.404	0.101	1 8/24/2023 14:34	SMC	8/26/2023 05:49	TDB	J4h
Fluorene	0.133i	mg/Kg	0.404	0.101	1 8/24/2023 14:34	SMC	8/26/2023 05:49	TDB	
Indeno(1,2,3-cd)pyrene	2.01	mg/Kg	0.242	0.061	1 8/24/2023 14:34	SMC	8/26/2023 05:49	TDB	
Naphthalene	0.202	U mg/Kg	0.807	0.202	1 8/24/2023 14:34	SMC	8/26/2023 05:49	TDB	
Phenanthrene	3.32	mg/Kg	0.404	0.202	1 8/24/2023 14:34	SMC	8/26/2023 05:49	TDB	J4h
Pyrene	4.24	mg/Kg	0.404	0.101	1 8/24/2023 14:34	SMC	8/26/2023 05:49	TDB	
Nitrobenzene-d5 (S)	68 %		20-150		1 8/24/2023 14:34	SMC	8/26/2023 05:49	TDB	
2-Fluorobiphenyl (S)	61 %		30-150		1 8/24/2023 14:34	SMC	8/26/2023 05:49	TDB	
p-Terphenyl-d14 (S)	66 %		15-150		1 8/24/2023 14:34	SMC	8/26/2023 05:49	TDB	

Wet Chemistry

Analysis Desc: 2540G Percent Solids (Dryweight)			Analytical Method: SM 2540G						
Percent Solids (Dryweight)	79.9 %		0.1		1		8/24/2023 09:12	CT	



ANALYTICAL RESULTS

Workorder: 2387272

Project ID: Shell - North Bay Village

Lab ID: **2387272003** Date Received: 8/21/2023 16:52 Matrix: Soil/Solid
Sample ID: **SB-8NNE (0-2)** Date Collected: 8/21/2023 10:26

Parameters	Results	Units	PQL	MDL	DF Prepared	By	Analyzed	By	Qual
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Semivolatiles by EPA 8270C

Analysis Desc: PAH List by 8270 SIM (S)

Preparation Method: EPA 3545

Analytical Method: EPA 8310 List by 8270E SIM (S)

1-Methylnaphthalene	0.182	U mg/Kg	0.728	0.182	1 8/24/2023 10:58	SMC	8/24/2023 23:41	TDB
2-Methylnaphthalene	0.182	U mg/Kg	0.728	0.182	1 8/24/2023 10:58	SMC	8/24/2023 23:41	TDB
Acenaphthene	0.091	U mg/Kg	0.364	0.091	1 8/24/2023 10:58	SMC	8/24/2023 23:41	TDB
Acenaphthylene	0.091	U mg/Kg	0.364	0.091	1 8/24/2023 10:58	SMC	8/24/2023 23:41	TDB
Anthracene	0.106i	mg/Kg	0.364	0.091	1 8/24/2023 10:58	SMC	8/24/2023 23:41	TDB
Benzo(a)anthracene	0.403	mg/Kg	0.219	0.055	1 8/24/2023 10:58	SMC	8/24/2023 23:41	TDB
Benzo(a)pyrene	0.327	mg/Kg	0.219	0.034	1 8/24/2023 10:58	SMC	8/24/2023 23:41	TDB
Benzo(b)fluoranthene	0.611	mg/Kg	0.219	0.047	1 8/24/2023 10:58	SMC	8/24/2023 23:41	TDB
Benzo(g,h,i)perylene	0.291	mg/Kg	0.219	0.055	1 8/24/2023 10:58	SMC	8/24/2023 23:41	TDB
Benzo(k)fluoranthene	0.270	mg/Kg	0.219	0.055	1 8/24/2023 10:58	SMC	8/24/2023 23:41	TDB
Chrysene	0.469	mg/Kg	0.219	0.055	1 8/24/2023 10:58	SMC	8/24/2023 23:41	TDB
Dibenzo(a,h)anthracene	0.054i	mg/Kg	0.219	0.018	1 8/24/2023 10:58	SMC	8/24/2023 23:41	TDB
Fluoranthene	0.863	mg/Kg	0.364	0.091	1 8/24/2023 10:58	SMC	8/24/2023 23:41	TDB
Fluorene	0.091	U mg/Kg	0.364	0.091	1 8/24/2023 10:58	SMC	8/24/2023 23:41	TDB
Indeno(1,2,3-cd)pyrene	0.391	mg/Kg	0.219	0.055	1 8/24/2023 10:58	SMC	8/24/2023 23:41	TDB
Naphthalene	0.182	U mg/Kg	0.728	0.182	1 8/24/2023 10:58	SMC	8/24/2023 23:41	TDB
Phenanthrene	0.375	mg/Kg	0.364	0.182	1 8/24/2023 10:58	SMC	8/24/2023 23:41	TDB
Pyrene	0.681	mg/Kg	0.364	0.091	1 8/24/2023 10:58	SMC	8/24/2023 23:41	TDB
Nitrobenzene-d5 (S)	95 %		20-150		1 8/24/2023 10:58	SMC	8/24/2023 23:41	TDB
2-Fluorobiphenyl (S)	102 %		30-150		1 8/24/2023 10:58	SMC	8/24/2023 23:41	TDB
p-Terphenyl-d14 (S)	96 %		15-150		1 8/24/2023 10:58	SMC	8/24/2023 23:41	TDB

Wet Chemistry

Analysis Desc: 2540G Percent Solids (Dryweight)

Analytical Method: SM 2540G

Percent Solids (Dryweight)	88.8 %	0.1	1	8/23/2023 09:23	CT
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ANALYTICAL RESULTS

Workorder: 2387272

Project ID: Shell - North Bay Village

Lab ID: **2387272004** Date Received: 8/21/2023 16:52 Matrix: Soil/Solid
Sample ID: **SB-8NNW (0-2)** Date Collected: 8/21/2023 10:30

Parameters	Results	Units	PQL	MDL	DF Prepared	By	Analyzed	By	Qual
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Semivolatiles by EPA 8270C

Analysis Desc: PAH List by 8270 SIM (S)

Preparation Method: EPA 3545

Analytical Method: EPA 8310 List by 8270E SIM (S)

1-Methylnaphthalene	0.177	U mg/Kg	0.709	0.177	1 8/24/2023 10:58	SMC	8/25/2023 00:05	TDB
2-Methylnaphthalene	0.177	U mg/Kg	0.709	0.177	1 8/24/2023 10:58	SMC	8/25/2023 00:05	TDB
Acenaphthene	0.089	U mg/Kg	0.355	0.089	1 8/24/2023 10:58	SMC	8/25/2023 00:05	TDB
Acenaphthylene	0.089	U mg/Kg	0.355	0.089	1 8/24/2023 10:58	SMC	8/25/2023 00:05	TDB
Anthracene	0.089	U mg/Kg	0.355	0.089	1 8/24/2023 10:58	SMC	8/25/2023 00:05	TDB
Benzo(a)anthracene	0.097i	mg/Kg	0.213	0.053	1 8/24/2023 10:58	SMC	8/25/2023 00:05	TDB
Benzo(a)pyrene	0.083i	mg/Kg	0.213	0.033	1 8/24/2023 10:58	SMC	8/25/2023 00:05	TDB
Benzo(b)fluoranthene	0.179i	mg/Kg	0.213	0.046	1 8/24/2023 10:58	SMC	8/25/2023 00:05	TDB
Benzo(g,h,i)perylene	0.077i	mg/Kg	0.213	0.053	1 8/24/2023 10:58	SMC	8/25/2023 00:05	TDB
Benzo(k)fluoranthene	0.053	U mg/Kg	0.213	0.053	1 8/24/2023 10:58	SMC	8/25/2023 00:05	TDB
Chrysene	0.121i	mg/Kg	0.213	0.053	1 8/24/2023 10:58	SMC	8/25/2023 00:05	TDB
Dibenzo(a,h)anthracene	0.018	U mg/Kg	0.213	0.018	1 8/24/2023 10:58	SMC	8/25/2023 00:05	TDB
Fluoranthene	0.209i	mg/Kg	0.355	0.089	1 8/24/2023 10:58	SMC	8/25/2023 00:05	TDB
Fluorene	0.089	U mg/Kg	0.355	0.089	1 8/24/2023 10:58	SMC	8/25/2023 00:05	TDB
Indeno(1,2,3-cd)pyrene	0.098i	mg/Kg	0.213	0.053	1 8/24/2023 10:58	SMC	8/25/2023 00:05	TDB
Naphthalene	0.177	U mg/Kg	0.709	0.177	1 8/24/2023 10:58	SMC	8/25/2023 00:05	TDB
Phenanthrene	0.177	U mg/Kg	0.355	0.177	1 8/24/2023 10:58	SMC	8/25/2023 00:05	TDB
Pyrene	0.166i	mg/Kg	0.355	0.089	1 8/24/2023 10:58	SMC	8/25/2023 00:05	TDB
Nitrobenzene-d5 (S)	95 %		20-150		1 8/24/2023 10:58	SMC	8/25/2023 00:05	TDB
2-Fluorobiphenyl (S)	95 %		30-150		1 8/24/2023 10:58	SMC	8/25/2023 00:05	TDB
p-Terphenyl-d14 (S)	98 %		15-150		1 8/24/2023 10:58	SMC	8/25/2023 00:05	TDB

Wet Chemistry

Analysis Desc: 2540G Percent Solids (Dryweight)

Analytical Method: SM 2540G

Percent Solids (Dryweight)	91.9 %	0.1	1	8/23/2023 09:25	CT
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ANALYTICAL RESULTS

Workorder: 2387272

Project ID: Shell - North Bay Village

Lab ID: **2387272005** Date Received: 8/21/2023 16:52 Matrix: Soil/Solid
Sample ID: **SB-8SSE (0-2)** Date Collected: 8/21/2023 10:38

Parameters	Results	Units	PQL	MDL	DF Prepared	By	Analyzed	By	Qual
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Semivolatiles by EPA 8270C

Analysis Desc: PAH List by 8270 SIM (S)

Preparation Method: EPA 3545

Analytical Method: EPA 8310 List by 8270E SIM (S)

1-Methylnaphthalene	0.179	U mg/Kg	0.717	0.179	1 8/24/2023 10:58	SMC	8/25/2023 00:28	TDB
2-Methylnaphthalene	0.179	U mg/Kg	0.717	0.179	1 8/24/2023 10:58	SMC	8/25/2023 00:28	TDB
Acenaphthene	0.090	U mg/Kg	0.358	0.090	1 8/24/2023 10:58	SMC	8/25/2023 00:28	TDB
Acenaphthylene	0.090	U mg/Kg	0.358	0.090	1 8/24/2023 10:58	SMC	8/25/2023 00:28	TDB
Anthracene	0.090	U mg/Kg	0.358	0.090	1 8/24/2023 10:58	SMC	8/25/2023 00:28	TDB
Benzo(a)anthracene	1.30	mg/Kg	0.215	0.054	1 8/24/2023 10:58	SMC	8/25/2023 00:28	TDB
Benzo(a)pyrene	1.48	mg/Kg	0.215	0.033	1 8/24/2023 10:58	SMC	8/25/2023 00:28	TDB
Benzo(b)fluoranthene	2.70	mg/Kg	0.215	0.047	1 8/24/2023 10:58	SMC	8/25/2023 00:28	TDB
Benzo(g,h,i)perylene	1.20	mg/Kg	0.215	0.054	1 8/24/2023 10:58	SMC	8/25/2023 00:28	TDB
Benzo(k)fluoranthene	1.17	mg/Kg	0.215	0.054	1 8/24/2023 10:58	SMC	8/25/2023 00:28	TDB
Chrysene	2.09	mg/Kg	0.215	0.054	1 8/24/2023 10:58	SMC	8/25/2023 00:28	TDB
Dibenzo(a,h)anthracene	0.196i	mg/Kg	0.215	0.018	1 8/24/2023 10:58	SMC	8/25/2023 00:28	TDB
Fluoranthene	3.74	mg/Kg	0.358	0.090	1 8/24/2023 10:58	SMC	8/25/2023 00:28	TDB
Fluorene	0.090	U mg/Kg	0.358	0.090	1 8/24/2023 10:58	SMC	8/25/2023 00:28	TDB
Indeno(1,2,3-cd)pyrene	1.65	mg/Kg	0.215	0.054	1 8/24/2023 10:58	SMC	8/25/2023 00:28	TDB
Naphthalene	0.179	U mg/Kg	0.717	0.179	1 8/24/2023 10:58	SMC	8/25/2023 00:28	TDB
Phenanthrene	0.980	mg/Kg	0.358	0.179	1 8/24/2023 10:58	SMC	8/25/2023 00:28	TDB
Pyrene	3.06	mg/Kg	0.358	0.090	1 8/24/2023 10:58	SMC	8/25/2023 00:28	TDB
Nitrobenzene-d5 (S)	93 %		20-150		1 8/24/2023 10:58	SMC	8/25/2023 00:28	TDB
2-Fluorobiphenyl (S)	92 %		30-150		1 8/24/2023 10:58	SMC	8/25/2023 00:28	TDB
p-Terphenyl-d14 (S)	93 %		15-150		1 8/24/2023 10:58	SMC	8/25/2023 00:28	TDB

Wet Chemistry

Analysis Desc: 2540G Percent Solids (Dryweight)

Analytical Method: SM 2540G

Percent Solids (Dryweight)	90.6 %	0.1	1	8/23/2023 09:30	CT
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ANALYTICAL RESULTS

Workorder: 2387272

Project ID: Shell - North Bay Village

Lab ID: **2387272006** Date Received: 8/21/2023 16:52 Matrix: Soil/Solid
Sample ID: **SB-8SSW (0-2)** Date Collected: 8/21/2023 10:42

Parameters	Results	Units	PQL	MDL	DF Prepared	By	Analyzed	By	Qual
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Semivolatiles by EPA 8270C

Analysis Desc: PAH List by 8270 SIM (S)

Preparation Method: EPA 3545

Analytical Method: EPA 8310 List by 8270E SIM (S)

1-Methylnaphthalene	0.176	U mg/Kg	0.706	0.176	1 8/24/2023 10:58	SMC	8/25/2023 00:51	TDB
2-Methylnaphthalene	0.176	U mg/Kg	0.706	0.176	1 8/24/2023 10:58	SMC	8/25/2023 00:51	TDB
Acenaphthene	0.088	U mg/Kg	0.353	0.088	1 8/24/2023 10:58	SMC	8/25/2023 00:51	TDB
Acenaphthylene	0.088	U mg/Kg	0.353	0.088	1 8/24/2023 10:58	SMC	8/25/2023 00:51	TDB
Anthracene	0.088	U mg/Kg	0.353	0.088	1 8/24/2023 10:58	SMC	8/25/2023 00:51	TDB
Benzo(a)anthracene	0.266	mg/Kg	0.212	0.053	1 8/24/2023 10:58	SMC	8/25/2023 00:51	TDB
Benzo(a)pyrene	0.198i	mg/Kg	0.212	0.032	1 8/24/2023 10:58	SMC	8/25/2023 00:51	TDB
Benzo(b)fluoranthene	0.343	mg/Kg	0.212	0.046	1 8/24/2023 10:58	SMC	8/25/2023 00:51	TDB
Benzo(g,h,i)perylene	0.148i	mg/Kg	0.212	0.053	1 8/24/2023 10:58	SMC	8/25/2023 00:51	TDB
Benzo(k)fluoranthene	0.179i	mg/Kg	0.212	0.053	1 8/24/2023 10:58	SMC	8/25/2023 00:51	TDB
Chrysene	0.274	mg/Kg	0.212	0.053	1 8/24/2023 10:58	SMC	8/25/2023 00:51	TDB
Dibenzo(a,h)anthracene	0.028i	mg/Kg	0.212	0.018	1 8/24/2023 10:58	SMC	8/25/2023 00:51	TDB
Fluoranthene	0.498	mg/Kg	0.353	0.088	1 8/24/2023 10:58	SMC	8/25/2023 00:51	TDB
Fluorene	0.088	U mg/Kg	0.353	0.088	1 8/24/2023 10:58	SMC	8/25/2023 00:51	TDB
Indeno(1,2,3-cd)pyrene	0.206i	mg/Kg	0.212	0.053	1 8/24/2023 10:58	SMC	8/25/2023 00:51	TDB
Naphthalene	0.176	U mg/Kg	0.706	0.176	1 8/24/2023 10:58	SMC	8/25/2023 00:51	TDB
Phenanthrene	0.181i	mg/Kg	0.353	0.176	1 8/24/2023 10:58	SMC	8/25/2023 00:51	TDB
Pyrene	0.506	mg/Kg	0.353	0.088	1 8/24/2023 10:58	SMC	8/25/2023 00:51	TDB
Nitrobenzene-d5 (S)	95 %		20-150		1 8/24/2023 10:58	SMC	8/25/2023 00:51	TDB
2-Fluorobiphenyl (S)	96 %		30-150		1 8/24/2023 10:58	SMC	8/25/2023 00:51	TDB
p-Terphenyl-d14 (S)	95 %		15-150		1 8/24/2023 10:58	SMC	8/25/2023 00:51	TDB

Wet Chemistry

Analysis Desc: 2540G Percent Solids (Dryweight)

Analytical Method: SM 2540G

Percent Solids (Dryweight)	91.2 %	0.1	1	8/23/2023 09:41	CT
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ANALYTICAL RESULTS

Workorder: 2387272
 Project ID: Shell - North Bay Village

Lab ID: **2387272007** Date Received: 8/21/2023 16:52 Matrix: Soil/Solid
 Sample ID: **SB-8SSS (0-2)** Date Collected: 8/21/2023 10:34

Parameters	Results	Units	PQL	MDL	DF Prepared	By	Analyzed	By	Qual
Semivolatiles by EPA 8270C									
Analysis Desc: PAH List by 8270 SIM (S)					Preparation Method: EPA 3545				
Analytical Method: EPA 8310 List by 8270E SIM (S)									
1-Methylnaphthalene	0.176	U mg/Kg	0.704	0.176	1 8/24/2023 10:58	SMC	8/25/2023 01:13	TDB	
2-Methylnaphthalene	0.176	U mg/Kg	0.704	0.176	1 8/24/2023 10:58	SMC	8/25/2023 01:13	TDB	
Acenaphthene	0.111i	mg/Kg	0.352	0.088	1 8/24/2023 10:58	SMC	8/25/2023 01:13	TDB	
Acenaphthylene	0.088	U mg/Kg	0.352	0.088	1 8/24/2023 10:58	SMC	8/25/2023 01:13	TDB	
Anthracene	0.451	mg/Kg	0.352	0.088	1 8/24/2023 10:58	SMC	8/25/2023 01:13	TDB	
Benzo(a)anthracene	2.13	mg/Kg	0.211	0.053	1 8/24/2023 10:58	SMC	8/25/2023 01:13	TDB	J4
Benzo(a)pyrene	1.93	mg/Kg	0.211	0.032	1 8/24/2023 10:58	SMC	8/25/2023 01:13	TDB	
Benzo(b)fluoranthene	3.55	mg/Kg	0.211	0.046	1 8/24/2023 10:58	SMC	8/25/2023 01:13	TDB	
Benzo(g,h,i)perylene	1.49	mg/Kg	0.211	0.053	1 8/24/2023 10:58	SMC	8/25/2023 01:13	TDB	
Benzo(k)fluoranthene	1.34	mg/Kg	0.211	0.053	1 8/24/2023 10:58	SMC	8/25/2023 01:13	TDB	
Chrysene	2.98	mg/Kg	0.211	0.053	1 8/24/2023 10:58	SMC	8/25/2023 01:13	TDB	
Dibenzo(a,h)anthracene	0.215	mg/Kg	0.211	0.018	1 8/24/2023 10:58	SMC	8/25/2023 01:13	TDB	
Fluoranthene	7.50	mg/Kg	0.352	0.088	1 8/24/2023 10:58	SMC	8/25/2023 01:13	TDB	J4
Fluorene	0.112i	mg/Kg	0.352	0.088	1 8/24/2023 10:58	SMC	8/25/2023 01:13	TDB	
Indeno(1,2,3-cd)pyrene	2.17	mg/Kg	0.211	0.053	1 8/24/2023 10:58	SMC	8/25/2023 01:13	TDB	J4
Naphthalene	0.176	U mg/Kg	0.704	0.176	1 8/24/2023 10:58	SMC	8/25/2023 01:13	TDB	
Phenanthrene	2.71	mg/Kg	0.352	0.176	1 8/24/2023 10:58	SMC	8/25/2023 01:13	TDB	J4
Pyrene	5.81	mg/Kg	0.352	0.088	1 8/24/2023 10:58	SMC	8/25/2023 01:13	TDB	J4
Nitrobenzene-d5 (S)	94 %		20-150		1 8/24/2023 10:58	SMC	8/25/2023 01:13	TDB	
2-Fluorobiphenyl (S)	101 %		30-150		1 8/24/2023 10:58	SMC	8/25/2023 01:13	TDB	
p-Terphenyl-d14 (S)	94 %		15-150		1 8/24/2023 10:58	SMC	8/25/2023 01:13	TDB	

Wet Chemistry

Analysis Desc: 2540G Percent Solids (Dryweight)			Analytical Method: SM 2540G						
Percent Solids (Dryweight)	93.2 %		0.1		1		8/23/2023 09:46	CT	



ANALYTICAL RESULTS

Workorder: 2387272

Project ID: Shell - North Bay Village

Lab ID: **2387272008**

Date Received: 8/21/2023 16:52

Matrix: Soil/Solid

Sample ID: **SB-4NNW (0-2)**

Date Collected: 8/21/2023 12:30

Parameters	Results	Units	PQL	MDL	DF Prepared	By	Analyzed	By	Qual
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Semivolatiles by EPA 8270C

Analysis Desc: PAH List by 8270 SIM (S)

Preparation Method: EPA 3545

Analytical Method: EPA 8310 List by 8270E SIM (S)

1-Methylnaphthalene	0.171	U mg/Kg	0.685	0.171	1 8/24/2023 10:58	SMC	8/25/2023 01:36	TDB
2-Methylnaphthalene	0.171	U mg/Kg	0.685	0.171	1 8/24/2023 10:58	SMC	8/25/2023 01:36	TDB
Acenaphthene	0.091i	mg/Kg	0.342	0.086	1 8/24/2023 10:58	SMC	8/25/2023 01:36	TDB
Acenaphthylene	0.086	U mg/Kg	0.342	0.086	1 8/24/2023 10:58	SMC	8/25/2023 01:36	TDB
Anthracene	0.551	mg/Kg	0.342	0.086	1 8/24/2023 10:58	SMC	8/25/2023 01:36	TDB
Benzo(a)anthracene	2.56	mg/Kg	0.205	0.051	1 8/24/2023 10:58	SMC	8/25/2023 01:36	TDB
Benzo(a)pyrene	1.99	mg/Kg	0.205	0.032	1 8/24/2023 10:58	SMC	8/25/2023 01:36	TDB
Benzo(b)fluoranthene	3.65	mg/Kg	0.205	0.045	1 8/24/2023 10:58	SMC	8/25/2023 01:36	TDB
Benzo(g,h,i)perylene	1.33	mg/Kg	0.205	0.051	1 8/24/2023 10:58	SMC	8/25/2023 01:36	TDB
Benzo(k)fluoranthene	1.36	mg/Kg	0.205	0.051	1 8/24/2023 10:58	SMC	8/25/2023 01:36	TDB
Chrysene	3.28	mg/Kg	0.205	0.051	1 8/24/2023 10:58	SMC	8/25/2023 01:36	TDB
Dibenzo(a,h)anthracene	0.242	mg/Kg	0.205	0.017	1 8/24/2023 10:58	SMC	8/25/2023 01:36	TDB
Fluoranthene	8.66	mg/Kg	0.342	0.086	1 8/24/2023 10:58	SMC	8/25/2023 01:36	TDB
Fluorene	0.086	U mg/Kg	0.342	0.086	1 8/24/2023 10:58	SMC	8/25/2023 01:36	TDB
Indeno(1,2,3-cd)pyrene	2.02	mg/Kg	0.205	0.051	1 8/24/2023 10:58	SMC	8/25/2023 01:36	TDB
Naphthalene	0.171	U mg/Kg	0.685	0.171	1 8/24/2023 10:58	SMC	8/25/2023 01:36	TDB
Phenanthrene	2.78	mg/Kg	0.342	0.171	1 8/24/2023 10:58	SMC	8/25/2023 01:36	TDB
Pyrene	6.66	mg/Kg	0.342	0.086	1 8/24/2023 10:58	SMC	8/25/2023 01:36	TDB
Nitrobenzene-d5 (S)	91 %		20-150		1 8/24/2023 10:58	SMC	8/25/2023 01:36	TDB
2-Fluorobiphenyl (S)	92 %		30-150		1 8/24/2023 10:58	SMC	8/25/2023 01:36	TDB
p-Terphenyl-d14 (S)	88 %		15-150		1 8/24/2023 10:58	SMC	8/25/2023 01:36	TDB

Wet Chemistry

Analysis Desc: 2540G Percent Solids (Dryweight)

Analytical Method: SM 2540G

Percent Solids (Dryweight)	92.2 %	0.1	1	8/23/2023 09:53	CT
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ANALYTICAL RESULTS

Workorder: 2387272

Project ID: Shell - North Bay Village

Lab ID: **2387272009**

Date Received: 8/21/2023 16:52

Matrix: Soil/Solid

Sample ID: **SB-4NNE (0-2)**

Date Collected: 8/21/2023 12:40

Parameters	Results	Units	PQL	MDL	DF Prepared	By	Analyzed	By	Qual
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Semivolatiles by EPA 8270C

Analysis Desc: PAH List by 8270 SIM (S)

Preparation Method: EPA 3545

Analytical Method: EPA 8310 List by 8270E SIM (S)

1-Methylnaphthalene	0.185	U mg/Kg	0.739	0.185	1 8/24/2023 10:58	SMC	8/25/2023 01:59	TDB
2-Methylnaphthalene	0.185	U mg/Kg	0.739	0.185	1 8/24/2023 10:58	SMC	8/25/2023 01:59	TDB
Acenaphthene	1.23	mg/Kg	0.369	0.092	1 8/24/2023 10:58	SMC	8/25/2023 01:59	TDB
Acenaphthylene	0.092	U mg/Kg	0.369	0.092	1 8/24/2023 10:58	SMC	8/25/2023 01:59	TDB
Anthracene	3.61	mg/Kg	0.369	0.092	1 8/24/2023 10:58	SMC	8/25/2023 01:59	TDB
Benzo(a)anthracene	15.8	mg/Kg	0.222	0.055	1 8/24/2023 10:58	SMC	8/25/2023 01:59	TDB
Benzo(a)pyrene	12.3	mg/Kg	0.222	0.034	1 8/24/2023 10:58	SMC	8/25/2023 01:59	TDB
Benzo(b)fluoranthene	18.1	mg/Kg	0.222	0.048	1 8/24/2023 10:58	SMC	8/25/2023 01:59	TDB
Benzo(g,h,i)perylene	6.92	mg/Kg	0.222	0.055	1 8/24/2023 10:58	SMC	8/25/2023 01:59	TDB
Benzo(k)fluoranthene	5.12	mg/Kg	0.222	0.055	1 8/24/2023 10:58	SMC	8/25/2023 01:59	TDB
Chrysene	12.7	mg/Kg	0.222	0.055	1 8/24/2023 10:58	SMC	8/25/2023 01:59	TDB
Dibenzo(a,h)anthracene	1.39	mg/Kg	0.222	0.018	1 8/24/2023 10:58	SMC	8/25/2023 01:59	TDB
Fluoranthene	32.9	mg/Kg	0.369	0.092	1 8/24/2023 10:58	SMC	8/25/2023 01:59	TDB
Fluorene	1.05	mg/Kg	0.369	0.092	1 8/24/2023 10:58	SMC	8/25/2023 01:59	TDB
Indeno(1,2,3-cd)pyrene	10.8	mg/Kg	0.222	0.055	1 8/24/2023 10:58	SMC	8/25/2023 01:59	TDB
Naphthalene	0.185	U mg/Kg	0.739	0.185	1 8/24/2023 10:58	SMC	8/25/2023 01:59	TDB
Phenanthrene	15.9	mg/Kg	0.369	0.185	1 8/24/2023 10:58	SMC	8/25/2023 01:59	TDB
Pyrene	24.6	mg/Kg	0.369	0.092	1 8/24/2023 10:58	SMC	8/25/2023 01:59	TDB
Nitrobenzene-d5 (S)	95 %		20-150		1 8/24/2023 10:58	SMC	8/25/2023 01:59	TDB
2-Fluorobiphenyl (S)	89 %		30-150		1 8/24/2023 10:58	SMC	8/25/2023 01:59	TDB
p-Terphenyl-d14 (S)	88 %		15-150		1 8/24/2023 10:58	SMC	8/25/2023 01:59	TDB

Wet Chemistry

Analysis Desc: 2540G Percent Solids (Dryweight)

Analytical Method: SM 2540G

Percent Solids (Dryweight)	88.9 %	0.1	1	8/23/2023 09:53	CT
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ANALYTICAL RESULTS

Workorder: 2387272

Project ID: Shell - North Bay Village

Lab ID: **2387272010**

Date Received: 8/21/2023 16:52

Matrix: Soil/Solid

Sample ID: **SB-4EEN (0-2)**

Date Collected: 8/21/2023 12:58

Parameters	Results	Units	PQL	MDL	DF Prepared	By	Analyzed	By	Qual
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Semivolatiles by EPA 8270C

Analysis Desc: PAH List by 8270 SIM (S)

Preparation Method: EPA 3545

Analytical Method: EPA 8310 List by 8270E SIM (S)

1-Methylnaphthalene	0.180	U mg/Kg	0.720	0.180	1 8/24/2023 10:58	SMC	8/25/2023 02:22	TDB
2-Methylnaphthalene	0.180	U mg/Kg	0.720	0.180	1 8/24/2023 10:58	SMC	8/25/2023 02:22	TDB
Acenaphthene	0.090	U mg/Kg	0.360	0.090	1 8/24/2023 10:58	SMC	8/25/2023 02:22	TDB
Acenaphthylene	0.090	U mg/Kg	0.360	0.090	1 8/24/2023 10:58	SMC	8/25/2023 02:22	TDB
Anthracene	0.090	U mg/Kg	0.360	0.090	1 8/24/2023 10:58	SMC	8/25/2023 02:22	TDB
Benzo(a)anthracene	0.296	mg/Kg	0.216	0.054	1 8/24/2023 10:58	SMC	8/25/2023 02:22	TDB
Benzo(a)pyrene	0.340	mg/Kg	0.216	0.033	1 8/24/2023 10:58	SMC	8/25/2023 02:22	TDB
Benzo(b)fluoranthene	0.630	mg/Kg	0.216	0.047	1 8/24/2023 10:58	SMC	8/25/2023 02:22	TDB
Benzo(g,h,i)perylene	0.386	mg/Kg	0.216	0.054	1 8/24/2023 10:58	SMC	8/25/2023 02:22	TDB
Benzo(k)fluoranthene	0.200i	mg/Kg	0.216	0.054	1 8/24/2023 10:58	SMC	8/25/2023 02:22	TDB
Chrysene	0.254	mg/Kg	0.216	0.054	1 8/24/2023 10:58	SMC	8/25/2023 02:22	TDB
Dibenzo(a,h)anthracene	0.058i	mg/Kg	0.216	0.018	1 8/24/2023 10:58	SMC	8/25/2023 02:22	TDB
Fluoranthene	0.391	mg/Kg	0.360	0.090	1 8/24/2023 10:58	SMC	8/25/2023 02:22	TDB
Fluorene	0.090	U mg/Kg	0.360	0.090	1 8/24/2023 10:58	SMC	8/25/2023 02:22	TDB
Indeno(1,2,3-cd)pyrene	0.494	mg/Kg	0.216	0.054	1 8/24/2023 10:58	SMC	8/25/2023 02:22	TDB
Naphthalene	0.180	U mg/Kg	0.720	0.180	1 8/24/2023 10:58	SMC	8/25/2023 02:22	TDB
Phenanthrene	0.180	U mg/Kg	0.360	0.180	1 8/24/2023 10:58	SMC	8/25/2023 02:22	TDB
Pyrene	0.320i	mg/Kg	0.360	0.090	1 8/24/2023 10:58	SMC	8/25/2023 02:22	TDB
Nitrobenzene-d5 (S)	99 %		20-150		1 8/24/2023 10:58	SMC	8/25/2023 02:22	TDB
2-Fluorobiphenyl (S)	91 %		30-150		1 8/24/2023 10:58	SMC	8/25/2023 02:22	TDB
p-Terphenyl-d14 (S)	84 %		15-150		1 8/24/2023 10:58	SMC	8/25/2023 02:22	TDB

Wet Chemistry

Analysis Desc: 2540G Percent Solids (Dryweight)

Analytical Method: SM 2540G

Percent Solids (Dryweight)	87.8 %		0.1		1		8/23/2023 10:03	CT
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ANALYTICAL RESULTS

Workorder: 2387272

Project ID: Shell - North Bay Village

Lab ID: **2387272011** Date Received: 8/21/2023 16:52 Matrix: Soil/Solid
Sample ID: **SB-4EEE (0-2)** Date Collected: 8/21/2023 13:10

Parameters	Results	Units	PQL	MDL	DF Prepared	By	Analyzed	By	Qual
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Semivolatiles by EPA 8270C

Analysis Desc: PAH List by 8270 SIM (S)

Preparation Method: EPA 3545

Analytical Method: EPA 8310 List by 8270E SIM (S)

1-Methylnaphthalene	0.265i	mg/Kg	0.704	0.176	1 8/24/2023 10:58	SMC	8/25/2023 23:04	TDB
2-Methylnaphthalene	0.462i	mg/Kg	0.704	0.176	1 8/24/2023 10:58	SMC	8/25/2023 23:04	TDB
Acenaphthene	1.15	mg/Kg	0.352	0.088	1 8/24/2023 10:58	SMC	8/25/2023 23:04	TDB
Acenaphthylene	0.088	U mg/Kg	0.352	0.088	1 8/24/2023 10:58	SMC	8/25/2023 23:04	TDB
Anthracene	2.88	mg/Kg	0.352	0.088	1 8/24/2023 10:58	SMC	8/25/2023 23:04	TDB
Benzo(a)anthracene	12.9	mg/Kg	0.211	0.053	1 8/24/2023 10:58	SMC	8/25/2023 23:04	TDB
Benzo(a)pyrene	8.04	mg/Kg	0.211	0.032	1 8/24/2023 10:58	SMC	8/25/2023 23:04	TDB
Benzo(b)fluoranthene	12.1	mg/Kg	0.211	0.046	1 8/24/2023 10:58	SMC	8/25/2023 23:04	TDB
Benzo(g,h,i)perylene	5.60	mg/Kg	0.211	0.053	1 8/24/2023 10:58	SMC	8/25/2023 23:04	TDB
Benzo(k)fluoranthene	4.40	mg/Kg	0.211	0.053	1 8/24/2023 10:58	SMC	8/25/2023 23:04	TDB
Chrysene	10.4	mg/Kg	0.211	0.053	1 8/24/2023 10:58	SMC	8/25/2023 23:04	TDB
Dibenzo(a,h)anthracene	0.807	mg/Kg	0.211	0.018	1 8/24/2023 10:58	SMC	8/25/2023 23:04	TDB
Fluoranthene	30.5	mg/Kg	0.352	0.088	1 8/24/2023 10:58	SMC	8/25/2023 23:04	TDB
Fluorene	0.669	mg/Kg	0.352	0.088	1 8/24/2023 10:58	SMC	8/25/2023 23:04	TDB
Indeno(1,2,3-cd)pyrene	6.35	mg/Kg	0.211	0.053	1 8/24/2023 10:58	SMC	8/25/2023 23:04	TDB
Naphthalene	0.283i	mg/Kg	0.704	0.176	1 8/24/2023 10:58	SMC	8/25/2023 23:04	TDB
Phenanthrene	16.4	mg/Kg	0.352	0.176	1 8/24/2023 10:58	SMC	8/25/2023 23:04	TDB
Pyrene	18.2	mg/Kg	0.352	0.088	1 8/24/2023 10:58	SMC	8/25/2023 23:04	TDB
Nitrobenzene-d5 (S)	80 %		20-150		1 8/24/2023 10:58	SMC	8/25/2023 23:04	TDB
2-Fluorobiphenyl (S)	94 %		30-150		1 8/24/2023 10:58	SMC	8/25/2023 23:04	TDB
p-Terphenyl-d14 (S)	80 %		15-150		1 8/24/2023 10:58	SMC	8/25/2023 23:04	TDB

Wet Chemistry

Analysis Desc: 2540G Percent Solids (Dryweight)

Analytical Method: SM 2540G

Percent Solids (Dryweight)	88.9 %		0.1		1		8/23/2023 10:04	CT
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ANALYTICAL RESULTS

Workorder: 2387272

Project ID: Shell - North Bay Village

Lab ID: **2387272012** Date Received: 8/21/2023 16:52 Matrix: Soil/Solid
 Sample ID: **SB-4EES (0-2)** Date Collected: 8/21/2023 13:20

Parameters	Results	Units	PQL	MDL	DF Prepared	By	Analyzed	By	Qual
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Semivolatiles by EPA 8270C

Analysis Desc: PAH List by 8270 SIM (S)			Preparation Method: EPA 3545						
			Analytical Method: EPA 8310 List by 8270E SIM (S)						
1-Methylnaphthalene	0.176	U mg/Kg	0.703	0.176	1	8/24/2023 10:58	SMC	8/25/2023 23:26	TDB
2-Methylnaphthalene	0.176	U mg/Kg	0.703	0.176	1	8/24/2023 10:58	SMC	8/25/2023 23:26	TDB
Acenaphthene	0.088	U mg/Kg	0.352	0.088	1	8/24/2023 10:58	SMC	8/25/2023 23:26	TDB
Acenaphthylene	0.088	U mg/Kg	0.352	0.088	1	8/24/2023 10:58	SMC	8/25/2023 23:26	TDB
Anthracene	0.088	U mg/Kg	0.352	0.088	1	8/24/2023 10:58	SMC	8/25/2023 23:26	TDB
Benzo(a)anthracene	0.175i	mg/Kg	0.211	0.053	1	8/24/2023 10:58	SMC	8/25/2023 23:26	TDB
Benzo(a)pyrene	0.126i	mg/Kg	0.211	0.032	1	8/24/2023 10:58	SMC	8/25/2023 23:26	TDB
Benzo(b)fluoranthene	0.211	mg/Kg	0.211	0.046	1	8/24/2023 10:58	SMC	8/25/2023 23:26	TDB
Benzo(g,h,i)perylene	0.112i	mg/Kg	0.211	0.053	1	8/24/2023 10:58	SMC	8/25/2023 23:26	TDB
Benzo(k)fluoranthene	0.101i	mg/Kg	0.211	0.053	1	8/24/2023 10:58	SMC	8/25/2023 23:26	TDB
Chrysene	0.167i	mg/Kg	0.211	0.053	1	8/24/2023 10:58	SMC	8/25/2023 23:26	TDB
Dibenzo(a,h)anthracene	0.018	U mg/Kg	0.211	0.018	1	8/24/2023 10:58	SMC	8/25/2023 23:26	TDB
Fluoranthene	0.313i	mg/Kg	0.352	0.088	1	8/24/2023 10:58	SMC	8/25/2023 23:26	TDB
Fluorene	0.088	U mg/Kg	0.352	0.088	1	8/24/2023 10:58	SMC	8/25/2023 23:26	TDB
Indeno(1,2,3-cd)pyrene	0.114i	mg/Kg	0.211	0.053	1	8/24/2023 10:58	SMC	8/25/2023 23:26	TDB
Naphthalene	0.176	U mg/Kg	0.703	0.176	1	8/24/2023 10:58	SMC	8/25/2023 23:26	TDB
Phenanthrene	0.176	U mg/Kg	0.352	0.176	1	8/24/2023 10:58	SMC	8/25/2023 23:26	TDB
Pyrene	0.251i	mg/Kg	0.352	0.088	1	8/24/2023 10:58	SMC	8/25/2023 23:26	TDB
Nitrobenzene-d5 (S)	83 %		20-150		1	8/24/2023 10:58	SMC	8/25/2023 23:26	TDB
2-Fluorobiphenyl (S)	98 %		30-150		1	8/24/2023 10:58	SMC	8/25/2023 23:26	TDB
p-Terphenyl-d14 (S)	99 %		15-150		1	8/24/2023 10:58	SMC	8/25/2023 23:26	TDB

Wet Chemistry

Analysis Desc: 2540G Percent Solids (Dryweight)			Analytical Method: SM 2540G						
Percent Solids (Dryweight)	91.5 %		0.1		1			8/23/2023 10:03	CT



ANALYTICAL RESULTS

Workorder: 2387272

Project ID: Shell - North Bay Village

Lab ID: **2387272013**

Date Received: 8/21/2023 16:52

Matrix: Soil/Solid

Sample ID: **IDW (0-2)**

Date Collected: 8/21/2023 13:25

Parameters	Results	Units	PQL	MDL	DF Prepared	By	Analyzed	By	Qual
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Volatiles by GC/MS

Analysis Desc: BTEX/MTBE by 8260C (S)

Preparation Method: EPA 5035

Analytical Method: EPA 8260C

Benzene	0.000403	U mg/Kg	0.00175	0.000403	1	8/22/2023 15:00	TDB	8/22/2023 19:46	TDB
Ethylbenzene	0.000351	U mg/Kg	0.00175	0.000351	1	8/22/2023 15:00	TDB	8/22/2023 19:46	TDB
Dibromofluoromethane (S)	78	%	60-135		1	8/22/2023 15:00	TDB	8/22/2023 19:46	TDB
Toluene	0.000745	U mg/Kg	0.00175	0.000745	1	8/22/2023 15:00	TDB	8/22/2023 19:46	TDB
Toluene d8 (S)	100	%	60-135		1	8/22/2023 15:00	TDB	8/22/2023 19:46	TDB
Xylenes- Total	0.00313	mg/Kg	0.00175	0.000868	1	8/22/2023 15:00	TDB	8/22/2023 19:46	TDB
4-Bromofluorobenzene (S)	101	%	60-135		1	8/22/2023 15:00	TDB	8/22/2023 19:46	TDB
m & p-xylene	0.00203	mg/Kg	0.00175	0.000561	1	8/22/2023 15:00	TDB	8/22/2023 19:46	TDB
o-Xylene	0.00110i	mg/Kg	0.00175	0.000351	1	8/22/2023 15:00	TDB	8/22/2023 19:46	TDB
tert-Butyl methyl ether (MTBE)	0.000973	U mg/Kg	0.00263	0.000973	1	8/22/2023 15:00	TDB	8/22/2023 19:46	TDB

Analysis Desc: Benzene by 8260C (TCLP 1311)

Preparation Method: EPA 5030B

Analytical Method: EPA 8260C (TCLP)

Benzene	4.00	U ug/L	10.0	4.00	10	8/25/2023 13:00	TDB	8/25/2023 16:11	TDB
Dibromofluoromethane (S)	93	%	70-130		10	8/25/2023 13:00	TDB	8/25/2023 16:11	TDB
Toluene d8 (S)	95	%	70-130		10	8/25/2023 13:00	TDB	8/25/2023 16:11	TDB
4-Bromofluorobenzene (S)	93	%	70-130		10	8/25/2023 13:00	TDB	8/25/2023 16:11	TDB

Wet Chemistry

Analysis Desc: 2540G Percent Solids (Dryweight)

Analytical Method: SM 2540G

Percent Solids (Dryweight)	90.1	%	0.1		1			8/23/2023 10:21	CT
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Analysis Desc: EPA 6020 RCRA-4 Metals by ICP/MS (S)

Preparation Method: EPA 3050B (mod)

Analytical Method: EPA 6020

Chromium	11	mg/Kg	1.2	0.24	2	8/23/2023 15:13	ECW	8/23/2023 21:22	DB
Arsenic	2.5	mg/Kg	0.55	0.091	2	8/23/2023 15:13	ECW	8/23/2023 21:22	DB
Cadmium	0.37i	mg/Kg	0.55	0.10	2	8/23/2023 15:13	ECW	8/23/2023 21:22	DB
Lead	160	mg/Kg	0.55	0.087	2	8/23/2023 15:13	ECW	8/23/2023 21:22	DB L1

Analysis Desc: EPA 1311 TCLP Metals Scan ICP/MS

Preparation Method: EPA 200.2 mod.

Analytical Method: EPA 1311/200.8

Lead	0.022	mg/L	0.0080	0.00012	4	8/24/2023 16:16	ECW	8/24/2023 17:48	DB
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ANALYTICAL RESULTS

Workorder: 2387272

Project ID: Shell - North Bay Village

Lab ID: **2387272014**

Date Received: 8/21/2023 16:52

Matrix: Soil/Solid

Sample ID: **SB-8C (2-4)**

Date Collected: 8/21/2023 10:20

Parameters	Results	Units	PQL	MDL	DF Prepared	By	Analyzed	By	Qual
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Wet Chemistry

Analysis Desc: 2540G Percent Solids (Dryweight)			Analytical Method: SM 2540G						
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Percent Solids (Dryweight)	92.2 %		0.1		1		8/23/2023 10:20	CT	
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Analysis Desc: EPA 6020 Metals SCAN by ICP/MS (S)			Preparation Method: EPA 3050B (mod)						
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			Analytical Method: EPA 6020						
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Lead	22 mg/Kg		0.54	0.085	2	8/23/2023 15:13	ECW	8/23/2023 21:27	DB
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CERTIFICATE OF ANALYSIS

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ANALYTICAL RESULTS

Workorder: 2387272

Project ID: Shell - North Bay Village

Lab ID: **2387272015** Date Received: 8/21/2023 16:52 Matrix: Soil/Solid
 Sample ID: **SB-8NNN (2-4)** Date Collected: 8/21/2023 10:24

Parameters	Results	Units	PQL	MDL	DF Prepared	By	Analyzed	By	Qual
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Semivolatiles by EPA 8270C

Analysis Desc: PAH List by 8270 SIM (S) Preparation Method: EPA 3545
 Analytical Method: EPA 8310 List by 8270E SIM (S)

1-Methylnaphthalene	0.187	U mg/Kg	0.746	0.187	1 8/24/2023 11:24	SMC	8/25/2023 23:48	TDB
2-Methylnaphthalene	0.187	U mg/Kg	0.746	0.187	1 8/24/2023 11:24	SMC	8/25/2023 23:48	TDB
Acenaphthene	0.421	mg/Kg	0.373	0.093	1 8/24/2023 11:24	SMC	8/25/2023 23:48	TDB
Acenaphthylene	0.093	U mg/Kg	0.373	0.093	1 8/24/2023 11:24	SMC	8/25/2023 23:48	TDB
Anthracene	0.944	mg/Kg	0.373	0.093	1 8/24/2023 11:24	SMC	8/25/2023 23:48	TDB
Benzo(a)anthracene	6.28	mg/Kg	0.224	0.056	1 8/24/2023 11:24	SMC	8/25/2023 23:48	TDB
Benzo(a)pyrene	4.27	mg/Kg	0.224	0.034	1 8/24/2023 11:24	SMC	8/25/2023 23:48	TDB
Benzo(b)fluoranthene	6.78	mg/Kg	0.224	0.048	1 8/24/2023 11:24	SMC	8/25/2023 23:48	TDB
Benzo(g,h,i)perylene	3.41	mg/Kg	0.224	0.056	1 8/24/2023 11:24	SMC	8/25/2023 23:48	TDB
Benzo(k)fluoranthene	2.49	mg/Kg	0.224	0.056	1 8/24/2023 11:24	SMC	8/25/2023 23:48	TDB
Chrysene	5.62	mg/Kg	0.224	0.056	1 8/24/2023 11:24	SMC	8/25/2023 23:48	TDB
Dibenzo(a,h)anthracene	0.501	mg/Kg	0.224	0.019	1 8/24/2023 11:24	SMC	8/25/2023 23:48	TDB
Fluoranthene	13.6	mg/Kg	0.373	0.093	1 8/24/2023 11:24	SMC	8/25/2023 23:48	TDB
Fluorene	0.248i	mg/Kg	0.373	0.093	1 8/24/2023 11:24	SMC	8/25/2023 23:48	TDB
Indeno(1,2,3-cd)pyrene	3.73	mg/Kg	0.224	0.056	1 8/24/2023 11:24	SMC	8/25/2023 23:48	TDB
Naphthalene	0.187	U mg/Kg	0.746	0.187	1 8/24/2023 11:24	SMC	8/25/2023 23:48	TDB
Phenanthrene	6.08	mg/Kg	0.373	0.187	1 8/24/2023 11:24	SMC	8/25/2023 23:48	TDB
Pyrene	8.01	mg/Kg	0.373	0.093	1 8/24/2023 11:24	SMC	8/25/2023 23:48	TDB
Nitrobenzene-d5 (S)	82 %		20-150		1 8/24/2023 11:24	SMC	8/25/2023 23:48	TDB
2-Fluorobiphenyl (S)	96 %		30-150		1 8/24/2023 11:24	SMC	8/25/2023 23:48	TDB
p-Terphenyl-d14 (S)	85 %		15-150		1 8/24/2023 11:24	SMC	8/25/2023 23:48	TDB

Wet Chemistry

Analysis Desc: 2540G Percent Solids (Dryweight) Analytical Method: SM 2540G

Percent Solids (Dryweight)	86.6 %	0.1	1	8/23/2023 10:27	CT
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ANALYTICAL RESULTS

Workorder: 2387272
 Project ID: Shell - North Bay Village

Lab ID: **2387272016** Date Received: 8/21/2023 16:52 Matrix: Soil/Solid
 Sample ID: **SB-8NNE (2-4)** Date Collected: 8/21/2023 10:28

Parameters	Results	Units	PQL	MDL	DF Prepared	By	Analyzed	By	Qual
Semivolatiles by EPA 8270C									
Analysis Desc: PAH List by 8270 SIM (S)					Preparation Method: EPA 3545				
Analytical Method: EPA 8310 List by 8270E SIM (S)									
1-Methylnaphthalene	0.198	U mg/Kg	0.791	0.198	1 8/24/2023 11:24	SMC	8/26/2023 00:10	TDB	
2-Methylnaphthalene	0.198	U mg/Kg	0.791	0.198	1 8/24/2023 11:24	SMC	8/26/2023 00:10	TDB	
Acenaphthene	0.471	mg/Kg	0.396	0.099	1 8/24/2023 11:24	SMC	8/26/2023 00:10	TDB	
Acenaphthylene	0.099	U mg/Kg	0.396	0.099	1 8/24/2023 11:24	SMC	8/26/2023 00:10	TDB	
Anthracene	1.34	mg/Kg	0.396	0.099	1 8/24/2023 11:24	SMC	8/26/2023 00:10	TDB	
Benzo(a)anthracene	14.3	mg/Kg	0.237	0.059	1 8/24/2023 11:24	SMC	8/26/2023 00:10	TDB	
Benzo(a)pyrene	10.8	mg/Kg	0.237	0.036	1 8/24/2023 11:24	SMC	8/26/2023 00:10	TDB	
Benzo(b)fluoranthene	15.1	mg/Kg	0.237	0.051	1 8/24/2023 11:24	SMC	8/26/2023 00:10	TDB	
Benzo(g,h,i)perylene	7.16	mg/Kg	0.237	0.059	1 8/24/2023 11:24	SMC	8/26/2023 00:10	TDB	
Benzo(k)fluoranthene	5.10	mg/Kg	0.237	0.059	1 8/24/2023 11:24	SMC	8/26/2023 00:10	TDB	
Chrysene	11.8	mg/Kg	0.237	0.059	1 8/24/2023 11:24	SMC	8/26/2023 00:10	TDB	
Dibenzo(a,h)anthracene	0.981	mg/Kg	0.237	0.020	1 8/24/2023 11:24	SMC	8/26/2023 00:10	TDB	
Fluoranthene	23.9	mg/Kg	0.396	0.099	1 8/24/2023 11:24	SMC	8/26/2023 00:10	TDB	
Fluorene	0.298i	mg/Kg	0.396	0.099	1 8/24/2023 11:24	SMC	8/26/2023 00:10	TDB	
Indeno(1,2,3-cd)pyrene	8.17	mg/Kg	0.237	0.059	1 8/24/2023 11:24	SMC	8/26/2023 00:10	TDB	
Naphthalene	0.198	U mg/Kg	0.791	0.198	1 8/24/2023 11:24	SMC	8/26/2023 00:10	TDB	
Phenanthrene	6.69	mg/Kg	0.396	0.198	1 8/24/2023 11:24	SMC	8/26/2023 00:10	TDB	
Pyrene	15.4	mg/Kg	0.396	0.099	1 8/24/2023 11:24	SMC	8/26/2023 00:10	TDB	
Nitrobenzene-d5 (S)	81 %		20-150		1 8/24/2023 11:24	SMC	8/26/2023 00:10	TDB	
2-Fluorobiphenyl (S)	93 %		30-150		1 8/24/2023 11:24	SMC	8/26/2023 00:10	TDB	
p-Terphenyl-d14 (S)	78 %		15-150		1 8/24/2023 11:24	SMC	8/26/2023 00:10	TDB	

Wet Chemistry

Analysis Desc: 2540G Percent Solids (Dryweight)					Analytical Method: SM 2540G				
Percent Solids (Dryweight)	81.1 %		0.1		1		8/23/2023 10:28	CT	



ANALYTICAL RESULTS

Workorder: 2387272
 Project ID: Shell - North Bay Village

Lab ID: **2387272017** Date Received: 8/21/2023 16:52 Matrix: Soil/Solid
 Sample ID: **SB-8NNW (2-4)** Date Collected: 8/21/2023 10:32

Parameters	Results	Units	PQL	MDL	DF Prepared	By	Analyzed	By	Qual
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Semivolatiles by EPA 8270C

Analysis Desc: PAH List by 8270 SIM (S)	Preparation Method: EPA 3545
	Analytical Method: EPA 8310 List by 8270E SIM (S)

1-Methylnaphthalene	0.185	U mg/Kg	0.742	0.185	1 8/24/2023 11:24	SMC	8/26/2023 00:31	TDB
2-Methylnaphthalene	0.185	U mg/Kg	0.742	0.185	1 8/24/2023 11:24	SMC	8/26/2023 00:31	TDB
Acenaphthene	0.511	mg/Kg	0.371	0.093	1 8/24/2023 11:24	SMC	8/26/2023 00:31	TDB
Acenaphthylene	0.093	U mg/Kg	0.371	0.093	1 8/24/2023 11:24	SMC	8/26/2023 00:31	TDB
Anthracene	1.07	mg/Kg	0.371	0.093	1 8/24/2023 11:24	SMC	8/26/2023 00:31	TDB
Benzo(a)anthracene	5.42	mg/Kg	0.223	0.056	1 8/24/2023 11:24	SMC	8/26/2023 00:31	TDB
Benzo(a)pyrene	3.51	mg/Kg	0.223	0.034	1 8/24/2023 11:24	SMC	8/26/2023 00:31	TDB
Benzo(b)fluoranthene	5.49	mg/Kg	0.223	0.048	1 8/24/2023 11:24	SMC	8/26/2023 00:31	TDB
Benzo(g,h,i)perylene	2.62	mg/Kg	0.223	0.056	1 8/24/2023 11:24	SMC	8/26/2023 00:31	TDB
Benzo(k)fluoranthene	1.91	mg/Kg	0.223	0.056	1 8/24/2023 11:24	SMC	8/26/2023 00:31	TDB
Chrysene	4.55	mg/Kg	0.223	0.056	1 8/24/2023 11:24	SMC	8/26/2023 00:31	TDB
Dibenzo(a,h)anthracene	0.394	mg/Kg	0.223	0.019	1 8/24/2023 11:24	SMC	8/26/2023 00:31	TDB
Fluoranthene	11.1	mg/Kg	0.371	0.093	1 8/24/2023 11:24	SMC	8/26/2023 00:31	TDB
Fluorene	0.356i	mg/Kg	0.371	0.093	1 8/24/2023 11:24	SMC	8/26/2023 00:31	TDB
Indeno(1,2,3-cd)pyrene	3.03	mg/Kg	0.223	0.056	1 8/24/2023 11:24	SMC	8/26/2023 00:31	TDB
Naphthalene	0.185	U mg/Kg	0.742	0.185	1 8/24/2023 11:24	SMC	8/26/2023 00:31	TDB
Phenanthrene	5.85	mg/Kg	0.371	0.185	1 8/24/2023 11:24	SMC	8/26/2023 00:31	TDB
Pyrene	6.75	mg/Kg	0.371	0.093	1 8/24/2023 11:24	SMC	8/26/2023 00:31	TDB
Nitrobenzene-d5 (S)	83 %		20-150		1 8/24/2023 11:24	SMC	8/26/2023 00:31	TDB
2-Fluorobiphenyl (S)	92 %		30-150		1 8/24/2023 11:24	SMC	8/26/2023 00:31	TDB
p-Terphenyl-d14 (S)	84 %		15-150		1 8/24/2023 11:24	SMC	8/26/2023 00:31	TDB

Wet Chemistry

Analysis Desc: 2540G Percent Solids (Dryweight)	Analytical Method: SM 2540G
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Percent Solids (Dryweight)	85.6 %	0.1	1	8/23/2023 10:33	CT
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CERTIFICATE OF ANALYSIS

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ANALYTICAL RESULTS

Workorder: 2387272
 Project ID: Shell - North Bay Village

Lab ID: **2387272018** Date Received: 8/21/2023 16:52 Matrix: Soil/Solid
 Sample ID: **SB-8SSE (2-4)** Date Collected: 8/21/2023 10:40

Parameters	Results	Units	PQL	MDL	DF Prepared	By	Analyzed	By	Qual
Semivolatiles by EPA 8270C									
Analysis Desc: PAH List by 8270 SIM (S)					Preparation Method: EPA 3545				
Analytical Method: EPA 8310 List by 8270E SIM (S)									
1-Methylnaphthalene	0.174	U mg/Kg	0.698	0.174	1 8/24/2023 11:24	SMC	8/26/2023 00:53	TDB	
2-Methylnaphthalene	0.174	U mg/Kg	0.698	0.174	1 8/24/2023 11:24	SMC	8/26/2023 00:53	TDB	
Acenaphthene	0.087	U mg/Kg	0.349	0.087	1 8/24/2023 11:24	SMC	8/26/2023 00:53	TDB	
Acenaphthylene	0.087	U mg/Kg	0.349	0.087	1 8/24/2023 11:24	SMC	8/26/2023 00:53	TDB	
Anthracene	0.087	U mg/Kg	0.349	0.087	1 8/24/2023 11:24	SMC	8/26/2023 00:53	TDB	
Benzo(a)anthracene	1.31	mg/Kg	0.209	0.052	1 8/24/2023 11:24	SMC	8/26/2023 00:53	TDB	
Benzo(a)pyrene	1.20	mg/Kg	0.209	0.032	1 8/24/2023 11:24	SMC	8/26/2023 00:53	TDB	
Benzo(b)fluoranthene	2.15	mg/Kg	0.209	0.045	1 8/24/2023 11:24	SMC	8/26/2023 00:53	TDB	
Benzo(g,h,i)perylene	1.24	mg/Kg	0.209	0.052	1 8/24/2023 11:24	SMC	8/26/2023 00:53	TDB	
Benzo(k)fluoranthene	0.774	mg/Kg	0.209	0.052	1 8/24/2023 11:24	SMC	8/26/2023 00:53	TDB	
Chrysene	1.71	mg/Kg	0.209	0.052	1 8/24/2023 11:24	SMC	8/26/2023 00:53	TDB	
Dibenzo(a,h)anthracene	0.139i	mg/Kg	0.209	0.017	1 8/24/2023 11:24	SMC	8/26/2023 00:53	TDB	
Fluoranthene	2.72	mg/Kg	0.349	0.087	1 8/24/2023 11:24	SMC	8/26/2023 00:53	TDB	
Fluorene	0.087	U mg/Kg	0.349	0.087	1 8/24/2023 11:24	SMC	8/26/2023 00:53	TDB	
Indeno(1,2,3-cd)pyrene	1.28	mg/Kg	0.209	0.052	1 8/24/2023 11:24	SMC	8/26/2023 00:53	TDB	
Naphthalene	0.174	U mg/Kg	0.698	0.174	1 8/24/2023 11:24	SMC	8/26/2023 00:53	TDB	
Phenanthrene	0.586	mg/Kg	0.349	0.174	1 8/24/2023 11:24	SMC	8/26/2023 00:53	TDB	
Pyrene	1.92	mg/Kg	0.349	0.087	1 8/24/2023 11:24	SMC	8/26/2023 00:53	TDB	
Nitrobenzene-d5 (S)	84 %		20-150		1 8/24/2023 11:24	SMC	8/26/2023 00:53	TDB	
2-Fluorobiphenyl (S)	96 %		30-150		1 8/24/2023 11:24	SMC	8/26/2023 00:53	TDB	
p-Terphenyl-d14 (S)	95 %		15-150		1 8/24/2023 11:24	SMC	8/26/2023 00:53	TDB	

Wet Chemistry

Analysis Desc: 2540G Percent Solids (Dryweight)					Analytical Method: SM 2540G				
Percent Solids (Dryweight)	90.8 %		0.1		1		8/23/2023 10:33	CT	



ANALYTICAL RESULTS

Workorder: 2387272
 Project ID: Shell - North Bay Village

Lab ID: **2387272019** Date Received: 8/21/2023 16:52 Matrix: Soil/Solid
 Sample ID: **SB 8SSW (2-4)** Date Collected: 8/21/2023 10:46

Parameters	Results	Units	PQL	MDL	DF Prepared	By	Analyzed	By	Qual
Semivolatiles by EPA 8270C									
Analysis Desc: PAH List by 8270 SIM (S)					Preparation Method: EPA 3545				
Analytical Method: EPA 8310 List by 8270E SIM (S)									
1-Methylnaphthalene	0.179	U mg/Kg	0.714	0.179	1 8/24/2023 11:24	SMC	8/26/2023 02:54	TDB	
2-Methylnaphthalene	0.179	U mg/Kg	0.714	0.179	1 8/24/2023 11:24	SMC	8/26/2023 02:54	TDB	
Acenaphthene	0.089	U mg/Kg	0.357	0.089	1 8/24/2023 11:24	SMC	8/26/2023 02:54	TDB	
Acenaphthylene	0.089	U mg/Kg	0.357	0.089	1 8/24/2023 11:24	SMC	8/26/2023 02:54	TDB	
Anthracene	0.089	U mg/Kg	0.357	0.089	1 8/24/2023 11:24	SMC	8/26/2023 02:54	TDB	
Benzo(a)anthracene	0.078i	mg/Kg	0.214	0.054	1 8/24/2023 11:24	SMC	8/26/2023 02:54	TDB	
Benzo(a)pyrene	0.070i	mg/Kg	0.214	0.033	1 8/24/2023 11:24	SMC	8/26/2023 02:54	TDB	
Benzo(b)fluoranthene	0.121i	mg/Kg	0.214	0.046	1 8/24/2023 11:24	SMC	8/26/2023 02:54	TDB	
Benzo(g,h,i)perylene	0.091i	mg/Kg	0.214	0.054	1 8/24/2023 11:24	SMC	8/26/2023 02:54	TDB	
Benzo(k)fluoranthene	0.063i	mg/Kg	0.214	0.054	1 8/24/2023 11:24	SMC	8/26/2023 02:54	TDB	
Chrysene	0.093i	mg/Kg	0.214	0.054	1 8/24/2023 11:24	SMC	8/26/2023 02:54	TDB	
Dibenzo(a,h)anthracene	0.018i	mg/Kg	0.214	0.018	1 8/24/2023 11:24	SMC	8/26/2023 02:54	TDB	
Fluoranthene	0.134i	mg/Kg	0.357	0.089	1 8/24/2023 11:24	SMC	8/26/2023 02:54	TDB	
Fluorene	0.089	U mg/Kg	0.357	0.089	1 8/24/2023 11:24	SMC	8/26/2023 02:54	TDB	
Indeno(1,2,3-cd)pyrene	0.081i	mg/Kg	0.214	0.054	1 8/24/2023 11:24	SMC	8/26/2023 02:54	TDB	
Naphthalene	0.179	U mg/Kg	0.714	0.179	1 8/24/2023 11:24	SMC	8/26/2023 02:54	TDB	
Phenanthrene	0.179	U mg/Kg	0.357	0.179	1 8/24/2023 11:24	SMC	8/26/2023 02:54	TDB	
Pyrene	0.229i	mg/Kg	0.357	0.089	1 8/24/2023 11:24	SMC	8/26/2023 02:54	TDB	
Nitrobenzene-d5 (S)	72 %		20-150		1 8/24/2023 11:24	SMC	8/26/2023 02:54	TDB	
2-Fluorobiphenyl (S)	84 %		30-150		1 8/24/2023 11:24	SMC	8/26/2023 02:54	TDB	
p-Terphenyl-d14 (S)	88 %		15-150		1 8/24/2023 11:24	SMC	8/26/2023 02:54	TDB	

Wet Chemistry

Analysis Desc: 2540G Percent Solids (Dryweight)					Analytical Method: SM 2540G				
Percent Solids (Dryweight)	87.9 %		0.1		1		8/23/2023 10:40	CT	



ANALYTICAL RESULTS

Workorder: 2387272

Project ID: Shell - North Bay Village

Lab ID: **2387272020** Date Received: 8/21/2023 16:52 Matrix: Soil/Solid
Sample ID: **SB-8SSS (2-4)** Date Collected: 8/21/2023 10:36

Parameters	Results	Units	PQL	MDL	DF Prepared	By	Analyzed	By	Qual
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Semivolatiles by EPA 8270C

Analysis Desc: PAH List by 8270 SIM (S)

Preparation Method: EPA 3545

Analytical Method: EPA 8310 List by 8270E SIM (S)

1-Methylnaphthalene	0.175	U mg/Kg	0.699	0.175	1 8/24/2023 11:24	SMC	8/26/2023 03:16	TDB
2-Methylnaphthalene	0.175	U mg/Kg	0.699	0.175	1 8/24/2023 11:24	SMC	8/26/2023 03:16	TDB
Acenaphthene	0.087	U mg/Kg	0.350	0.087	1 8/24/2023 11:24	SMC	8/26/2023 03:16	TDB
Acenaphthylene	0.087	U mg/Kg	0.350	0.087	1 8/24/2023 11:24	SMC	8/26/2023 03:16	TDB
Anthracene	0.087	U mg/Kg	0.350	0.087	1 8/24/2023 11:24	SMC	8/26/2023 03:16	TDB
Benzo(a)anthracene	0.067i	mg/Kg	0.210	0.052	1 8/24/2023 11:24	SMC	8/26/2023 03:16	TDB
Benzo(a)pyrene	0.058i	mg/Kg	0.210	0.032	1 8/24/2023 11:24	SMC	8/26/2023 03:16	TDB
Benzo(b)fluoranthene	0.097i	mg/Kg	0.210	0.045	1 8/24/2023 11:24	SMC	8/26/2023 03:16	TDB
Benzo(g,h,i)perylene	0.074i	mg/Kg	0.210	0.052	1 8/24/2023 11:24	SMC	8/26/2023 03:16	TDB
Benzo(k)fluoranthene	0.059i	mg/Kg	0.210	0.052	1 8/24/2023 11:24	SMC	8/26/2023 03:16	TDB
Chrysene	0.095i	mg/Kg	0.210	0.052	1 8/24/2023 11:24	SMC	8/26/2023 03:16	TDB
Dibenzo(a,h)anthracene	0.017	U mg/Kg	0.210	0.017	1 8/24/2023 11:24	SMC	8/26/2023 03:16	TDB
Fluoranthene	0.149i	mg/Kg	0.350	0.087	1 8/24/2023 11:24	SMC	8/26/2023 03:16	TDB
Fluorene	0.087	U mg/Kg	0.350	0.087	1 8/24/2023 11:24	SMC	8/26/2023 03:16	TDB
Indeno(1,2,3-cd)pyrene	0.076i	mg/Kg	0.210	0.052	1 8/24/2023 11:24	SMC	8/26/2023 03:16	TDB
Naphthalene	0.175	U mg/Kg	0.699	0.175	1 8/24/2023 11:24	SMC	8/26/2023 03:16	TDB
Phenanthrene	0.175	U mg/Kg	0.350	0.175	1 8/24/2023 11:24	SMC	8/26/2023 03:16	TDB
Pyrene	0.175i	mg/Kg	0.350	0.087	1 8/24/2023 11:24	SMC	8/26/2023 03:16	TDB
Nitrobenzene-d5 (S)	78 %		20-150		1 8/24/2023 11:24	SMC	8/26/2023 03:16	TDB
2-Fluorobiphenyl (S)	96 %		30-150		1 8/24/2023 11:24	SMC	8/26/2023 03:16	TDB
p-Terphenyl-d14 (S)	107 %		15-150		1 8/24/2023 11:24	SMC	8/26/2023 03:16	TDB

Wet Chemistry

Analysis Desc: 2540G Percent Solids (Dryweight)

Analytical Method: SM 2540G

Percent Solids (Dryweight)	89.1 %	0.1	1	8/23/2023 10:46	CT
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ANALYTICAL RESULTS

Workorder: 2387272
 Project ID: Shell - North Bay Village

Lab ID: **2387272021** Date Received: 8/21/2023 16:52 Matrix: Soil/Solid
 Sample ID: **SB-4NNN (2-4)** Date Collected: 8/21/2023 12:14

Parameters	Results	Units	PQL	MDL	DF Prepared	By	Analyzed	By	Qual
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Semivolatiles by EPA 8270C

Analysis Desc: PAH List by 8270 SIM (S)	Preparation Method: EPA 3545					
	Analytical Method: EPA 8310 List by 8270E SIM (S)					
1-Methylnaphthalene	0.178	U mg/Kg	0.711	0.178	1 8/24/2023 11:24	SMC 8/26/2023 03:38 TDB
2-Methylnaphthalene	0.178	U mg/Kg	0.711	0.178	1 8/24/2023 11:24	SMC 8/26/2023 03:38 TDB
Acenaphthene	0.089	U mg/Kg	0.356	0.089	1 8/24/2023 11:24	SMC 8/26/2023 03:38 TDB
Acenaphthylene	0.089	U mg/Kg	0.356	0.089	1 8/24/2023 11:24	SMC 8/26/2023 03:38 TDB
Anthracene	0.141i	mg/Kg	0.356	0.089	1 8/24/2023 11:24	SMC 8/26/2023 03:38 TDB
Benzo(a)anthracene	1.06	mg/Kg	0.213	0.053	1 8/24/2023 11:24	SMC 8/26/2023 03:38 TDB
Benzo(a)pyrene	0.697	mg/Kg	0.213	0.033	1 8/24/2023 11:24	SMC 8/26/2023 03:38 TDB
Benzo(b)fluoranthene	1.17	mg/Kg	0.213	0.046	1 8/24/2023 11:24	SMC 8/26/2023 03:38 TDB
Benzo(g,h,i)perylene	0.618	mg/Kg	0.213	0.053	1 8/24/2023 11:24	SMC 8/26/2023 03:38 TDB
Benzo(k)fluoranthene	0.494	mg/Kg	0.213	0.053	1 8/24/2023 11:24	SMC 8/26/2023 03:38 TDB
Chrysene	1.04	mg/Kg	0.213	0.053	1 8/24/2023 11:24	SMC 8/26/2023 03:38 TDB
Dibenzo(a,h)anthracene	0.083i	mg/Kg	0.213	0.018	1 8/24/2023 11:24	SMC 8/26/2023 03:38 TDB
Fluoranthene	2.16	mg/Kg	0.356	0.089	1 8/24/2023 11:24	SMC 8/26/2023 03:38 TDB
Fluorene	0.089	U mg/Kg	0.356	0.089	1 8/24/2023 11:24	SMC 8/26/2023 03:38 TDB
Indeno(1,2,3-cd)pyrene	0.624	mg/Kg	0.213	0.053	1 8/24/2023 11:24	SMC 8/26/2023 03:38 TDB
Naphthalene	0.178	U mg/Kg	0.711	0.178	1 8/24/2023 11:24	SMC 8/26/2023 03:38 TDB
Phenanthrene	1.00	mg/Kg	0.356	0.178	1 8/24/2023 11:24	SMC 8/26/2023 03:38 TDB
Pyrene	1.43	mg/Kg	0.356	0.089	1 8/24/2023 11:24	SMC 8/26/2023 03:38 TDB
Nitrobenzene-d5 (S)	76 %		20-150		1 8/24/2023 11:24	SMC 8/26/2023 03:38 TDB
2-Fluorobiphenyl (S)	88 %		30-150		1 8/24/2023 11:24	SMC 8/26/2023 03:38 TDB
p-Terphenyl-d14 (S)	76 %		15-150		1 8/24/2023 11:24	SMC 8/26/2023 03:38 TDB

Wet Chemistry

Analysis Desc: 2540G Percent Solids (Dryweight)	Analytical Method: SM 2540G			
Percent Solids (Dryweight)	87.9 %	0.1	1	8/23/2023 10:46 CT

CERTIFICATE OF ANALYSIS

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ANALYTICAL RESULTS

Workorder: 2387272

Project ID: Shell - North Bay Village

Lab ID: **2387272022** Date Received: 8/21/2023 16:52 Matrix: Soil/Solid
Sample ID: **SB-4NNW (2-4)** Date Collected: 8/21/2023 12:32

Parameters	Results	Units	PQL	MDL	DF Prepared	By	Analyzed	By	Qual
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Semivolatiles by EPA 8270C

Analysis Desc: PAH List by 8270 SIM (S)

Preparation Method: EPA 3545

Analytical Method: EPA 8310 List by 8270E SIM (S)

1-Methylnaphthalene	0.175	U mg/Kg	0.700	0.175	1	8/24/2023 11:24	SMC	8/26/2023 04:00	TDB
2-Methylnaphthalene	0.175	U mg/Kg	0.700	0.175	1	8/24/2023 11:24	SMC	8/26/2023 04:00	TDB
Acenaphthene	0.087	U mg/Kg	0.350	0.087	1	8/24/2023 11:24	SMC	8/26/2023 04:00	TDB
Acenaphthylene	0.087	U mg/Kg	0.350	0.087	1	8/24/2023 11:24	SMC	8/26/2023 04:00	TDB
Anthracene	0.087	U mg/Kg	0.350	0.087	1	8/24/2023 11:24	SMC	8/26/2023 04:00	TDB
Benzo(a)anthracene	0.279	mg/Kg	0.210	0.052	1	8/24/2023 11:24	SMC	8/26/2023 04:00	TDB
Benzo(a)pyrene	0.206i	mg/Kg	0.210	0.032	1	8/24/2023 11:24	SMC	8/26/2023 04:00	TDB
Benzo(b)fluoranthene	0.358	mg/Kg	0.210	0.045	1	8/24/2023 11:24	SMC	8/26/2023 04:00	TDB
Benzo(g,h,i)perylene	0.230	mg/Kg	0.210	0.052	1	8/24/2023 11:24	SMC	8/26/2023 04:00	TDB
Benzo(k)fluoranthene	0.149i	mg/Kg	0.210	0.052	1	8/24/2023 11:24	SMC	8/26/2023 04:00	TDB
Chrysene	0.294	mg/Kg	0.210	0.052	1	8/24/2023 11:24	SMC	8/26/2023 04:00	TDB
Dibenzo(a,h)anthracene	0.030i	mg/Kg	0.210	0.017	1	8/24/2023 11:24	SMC	8/26/2023 04:00	TDB
Fluoranthene	0.583	mg/Kg	0.350	0.087	1	8/24/2023 11:24	SMC	8/26/2023 04:00	TDB
Fluorene	0.087	U mg/Kg	0.350	0.087	1	8/24/2023 11:24	SMC	8/26/2023 04:00	TDB
Indeno(1,2,3-cd)pyrene	0.217	mg/Kg	0.210	0.052	1	8/24/2023 11:24	SMC	8/26/2023 04:00	TDB
Naphthalene	0.175	U mg/Kg	0.700	0.175	1	8/24/2023 11:24	SMC	8/26/2023 04:00	TDB
Phenanthrene	0.266i	mg/Kg	0.350	0.175	1	8/24/2023 11:24	SMC	8/26/2023 04:00	TDB
Pyrene	0.477	mg/Kg	0.350	0.087	1	8/24/2023 11:24	SMC	8/26/2023 04:00	TDB
Nitrobenzene-d5 (S)	78 %		20-150		1	8/24/2023 11:24	SMC	8/26/2023 04:00	TDB
2-Fluorobiphenyl (S)	91 %		30-150		1	8/24/2023 11:24	SMC	8/26/2023 04:00	TDB
p-Terphenyl-d14 (S)	94 %		15-150		1	8/24/2023 11:24	SMC	8/26/2023 04:00	TDB

Wet Chemistry

Analysis Desc: 2540G Percent Solids (Dryweight)

Analytical Method: SM 2540G

Percent Solids (Dryweight)	91.1 %	0.1	1	8/23/2023 10:47	CT
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ANALYTICAL RESULTS

Workorder: 2387272
 Project ID: Shell - North Bay Village

Lab ID: **2387272023** Date Received: 8/21/2023 16:52 Matrix: Soil/Solid
 Sample ID: **SB-4NNE (2-4)** Date Collected: 8/21/2023 12:42

Parameters	Results	Units	PQL	MDL	DF Prepared	By	Analyzed	By	Qual
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Semivolatiles by EPA 8270C

Analysis Desc: PAH List by 8270 SIM (S) Preparation Method: EPA 3545
 Analytical Method: EPA 8310 List by 8270E SIM (S)

1-Methylnaphthalene	0.179	U mg/Kg	0.714	0.179	1 8/24/2023 11:24	SMC	8/26/2023 04:22	TDB
2-Methylnaphthalene	0.179	U mg/Kg	0.714	0.179	1 8/24/2023 11:24	SMC	8/26/2023 04:22	TDB
Acenaphthene	0.268i	mg/Kg	0.357	0.089	1 8/24/2023 11:24	SMC	8/26/2023 04:22	TDB
Acenaphthylene	0.089	U mg/Kg	0.357	0.089	1 8/24/2023 11:24	SMC	8/26/2023 04:22	TDB
Anthracene	0.669	mg/Kg	0.357	0.089	1 8/24/2023 11:24	SMC	8/26/2023 04:22	TDB
Benzo(a)anthracene	3.47	mg/Kg	0.214	0.054	1 8/24/2023 11:24	SMC	8/26/2023 04:22	TDB
Benzo(a)pyrene	2.68	mg/Kg	0.214	0.033	1 8/24/2023 11:24	SMC	8/26/2023 04:22	TDB
Benzo(b)fluoranthene	4.07	mg/Kg	0.214	0.046	1 8/24/2023 11:24	SMC	8/26/2023 04:22	TDB
Benzo(g,h,i)perylene	2.18	mg/Kg	0.214	0.054	1 8/24/2023 11:24	SMC	8/26/2023 04:22	TDB
Benzo(k)fluoranthene	1.62	mg/Kg	0.214	0.054	1 8/24/2023 11:24	SMC	8/26/2023 04:22	TDB
Chrysene	3.49	mg/Kg	0.214	0.054	1 8/24/2023 11:24	SMC	8/26/2023 04:22	TDB
Dibenzo(a,h)anthracene	0.308	mg/Kg	0.214	0.018	1 8/24/2023 11:24	SMC	8/26/2023 04:22	TDB
Fluoranthene	8.10	mg/Kg	0.357	0.089	1 8/24/2023 11:24	SMC	8/26/2023 04:22	TDB
Fluorene	0.192i	mg/Kg	0.357	0.089	1 8/24/2023 11:24	SMC	8/26/2023 04:22	TDB
Indeno(1,2,3-cd)pyrene	2.25	mg/Kg	0.214	0.054	1 8/24/2023 11:24	SMC	8/26/2023 04:22	TDB
Naphthalene	0.179	U mg/Kg	0.714	0.179	1 8/24/2023 11:24	SMC	8/26/2023 04:22	TDB
Phenanthrene	3.79	mg/Kg	0.357	0.179	1 8/24/2023 11:24	SMC	8/26/2023 04:22	TDB
Pyrene	5.61	mg/Kg	0.357	0.089	1 8/24/2023 11:24	SMC	8/26/2023 04:22	TDB
Nitrobenzene-d5 (S)	78 %		20-150		1 8/24/2023 11:24	SMC	8/26/2023 04:22	TDB
2-Fluorobiphenyl (S)	86 %		30-150		1 8/24/2023 11:24	SMC	8/26/2023 04:22	TDB
p-Terphenyl-d14 (S)	79 %		15-150		1 8/24/2023 11:24	SMC	8/26/2023 04:22	TDB

Wet Chemistry

Analysis Desc: 2540G Percent Solids (Dryweight) Analytical Method: SM 2540G

Percent Solids (Dryweight)	88.0 %		0.1		1		8/23/2023 10:51	CT
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ANALYTICAL RESULTS

Workorder: 2387272

Project ID: Shell - North Bay Village

Lab ID: **2387272024**

Date Received: 8/21/2023 16:52

Matrix: Soil/Solid

Sample ID: **SB-4EEN (2-4)**

Date Collected: 8/21/2023 13:00

Parameters	Results	Units	PQL	MDL	DF Prepared	By	Analyzed	By	Qual
Semivolatiles by EPA 8270C									
Analysis Desc: PAH List by 8270 SIM (S)					Preparation Method: EPA 3545				
Analytical Method: EPA 8310 List by 8270E SIM (S)									
1-Methylnaphthalene	0.186	U mg/Kg	0.744	0.186	1 8/24/2023 11:24	SMC	8/26/2023 04:44	TDB	
2-Methylnaphthalene	0.186	U mg/Kg	0.744	0.186	1 8/24/2023 11:24	SMC	8/26/2023 04:44	TDB	
Acenaphthene	0.093	U mg/Kg	0.372	0.093	1 8/24/2023 11:24	SMC	8/26/2023 04:44	TDB	
Acenaphthylene	0.093	U mg/Kg	0.372	0.093	1 8/24/2023 11:24	SMC	8/26/2023 04:44	TDB	
Anthracene	0.093	U mg/Kg	0.372	0.093	1 8/24/2023 11:24	SMC	8/26/2023 04:44	TDB	
Benzo(a)anthracene	0.617	mg/Kg	0.223	0.056	1 8/24/2023 11:24	SMC	8/26/2023 04:44	TDB	
Benzo(a)pyrene	0.867	mg/Kg	0.223	0.034	1 8/24/2023 11:24	SMC	8/26/2023 04:44	TDB	
Benzo(b)fluoranthene	1.35	mg/Kg	0.223	0.048	1 8/24/2023 11:24	SMC	8/26/2023 04:44	TDB	
Benzo(g,h,i)perylene	1.26	mg/Kg	0.223	0.056	1 8/24/2023 11:24	SMC	8/26/2023 04:44	TDB	
Benzo(k)fluoranthene	0.519	mg/Kg	0.223	0.056	1 8/24/2023 11:24	SMC	8/26/2023 04:44	TDB	
Chrysene	0.713	mg/Kg	0.223	0.056	1 8/24/2023 11:24	SMC	8/26/2023 04:44	TDB	
Dibenzo(a,h)anthracene	0.142i	mg/Kg	0.223	0.019	1 8/24/2023 11:24	SMC	8/26/2023 04:44	TDB	
Fluoranthene	0.597	mg/Kg	0.372	0.093	1 8/24/2023 11:24	SMC	8/26/2023 04:44	TDB	
Fluorene	0.093	U mg/Kg	0.372	0.093	1 8/24/2023 11:24	SMC	8/26/2023 04:44	TDB	
Indeno(1,2,3-cd)pyrene	1.13	mg/Kg	0.223	0.056	1 8/24/2023 11:24	SMC	8/26/2023 04:44	TDB	
Naphthalene	0.186	U mg/Kg	0.744	0.186	1 8/24/2023 11:24	SMC	8/26/2023 04:44	TDB	
Phenanthrene	0.186	U mg/Kg	0.372	0.186	1 8/24/2023 11:24	SMC	8/26/2023 04:44	TDB	
Pyrene	0.652	mg/Kg	0.372	0.093	1 8/24/2023 11:24	SMC	8/26/2023 04:44	TDB	
Nitrobenzene-d5 (S)	76 %		20-150		1 8/24/2023 11:24	SMC	8/26/2023 04:44	TDB	
2-Fluorobiphenyl (S)	87 %		30-150		1 8/24/2023 11:24	SMC	8/26/2023 04:44	TDB	
p-Terphenyl-d14 (S)	84 %		15-150		1 8/24/2023 11:24	SMC	8/26/2023 04:44	TDB	

Wet Chemistry

Analysis Desc: 2540G Percent Solids (Dryweight)

Analytical Method: SM 2540G

Percent Solids (Dryweight)	88.5 %	0.1	1	8/23/2023 10:59	CT
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ANALYTICAL RESULTS

Workorder: 2387272

Project ID: Shell - North Bay Village

Lab ID: **2387272025** Date Received: 8/21/2023 16:52 Matrix: Soil/Solid
Sample ID: **SB-4EEE (2-4)** Date Collected: 8/21/2023 13:12

Parameters	Results	Units	PQL	MDL	DF Prepared	By	Analyzed	By	Qual
Semivolatiles by EPA 8270C									
Analysis Desc: PAH List by 8270 SIM (S)					Preparation Method: EPA 3545				
Analytical Method: EPA 8310 List by 8270E SIM (S)									
1-Methylnaphthalene	0.180	U mg/Kg	0.721	0.180	1 8/24/2023 14:34	SMC	8/26/2023 05:06	TDB	
2-Methylnaphthalene	0.180	U mg/Kg	0.721	0.180	1 8/24/2023 14:34	SMC	8/26/2023 05:06	TDB	
Acenaphthene	0.222i	mg/Kg	0.360	0.090	1 8/24/2023 14:34	SMC	8/26/2023 05:06	TDB	
Acenaphthylene	0.090	U mg/Kg	0.360	0.090	1 8/24/2023 14:34	SMC	8/26/2023 05:06	TDB	
Anthracene	0.438	mg/Kg	0.360	0.090	1 8/24/2023 14:34	SMC	8/26/2023 05:06	TDB	
Benzo(a)anthracene	3.05	mg/Kg	0.216	0.054	1 8/24/2023 14:34	SMC	8/26/2023 05:06	TDB	
Benzo(a)pyrene	2.11	mg/Kg	0.216	0.033	1 8/24/2023 14:34	SMC	8/26/2023 05:06	TDB	
Benzo(b)fluoranthene	3.42	mg/Kg	0.216	0.047	1 8/24/2023 14:34	SMC	8/26/2023 05:06	TDB	
Benzo(g,h,i)perylene	1.73	mg/Kg	0.216	0.054	1 8/24/2023 14:34	SMC	8/26/2023 05:06	TDB	
Benzo(k)fluoranthene	1.31	mg/Kg	0.216	0.054	1 8/24/2023 14:34	SMC	8/26/2023 05:06	TDB	
Chrysene	2.87	mg/Kg	0.216	0.054	1 8/24/2023 14:34	SMC	8/26/2023 05:06	TDB	
Dibenzo(a,h)anthracene	0.235	mg/Kg	0.216	0.018	1 8/24/2023 14:34	SMC	8/26/2023 05:06	TDB	
Fluoranthene	6.93	mg/Kg	0.360	0.090	1 8/24/2023 14:34	SMC	8/26/2023 05:06	TDB	
Fluorene	0.119i	mg/Kg	0.360	0.090	1 8/24/2023 14:34	SMC	8/26/2023 05:06	TDB	
Indeno(1,2,3-cd)pyrene	1.84	mg/Kg	0.216	0.054	1 8/24/2023 14:34	SMC	8/26/2023 05:06	TDB	
Naphthalene	0.180	U mg/Kg	0.721	0.180	1 8/24/2023 14:34	SMC	8/26/2023 05:06	TDB	
Phenanthrene	3.26	mg/Kg	0.360	0.180	1 8/24/2023 14:34	SMC	8/26/2023 05:06	TDB	
Pyrene	4.64	mg/Kg	0.360	0.090	1 8/24/2023 14:34	SMC	8/26/2023 05:06	TDB	
Nitrobenzene-d5 (S)	90 %		20-150		1 8/24/2023 14:34	SMC	8/26/2023 05:06	TDB	
2-Fluorobiphenyl (S)	106 %		30-150		1 8/24/2023 14:34	SMC	8/26/2023 05:06	TDB	
p-Terphenyl-d14 (S)	96 %		15-150		1 8/24/2023 14:34	SMC	8/26/2023 05:06	TDB	

Wet Chemistry

Analysis Desc: 2540G Percent Solids (Dryweight)					Analytical Method: SM 2540G				
Percent Solids (Dryweight)	90.4 %		0.1		1		8/23/2023 11:04	CT	



ANALYTICAL RESULTS

Workorder: 2387272
 Project ID: Shell - North Bay Village

Lab ID: **2387272026** Date Received: 8/21/2023 16:52 Matrix: Soil/Solid
 Sample ID: **SB- EES (2-4)** Date Collected: 8/21/2023 13:22

Parameters	Results	Units	PQL	MDL	DF Prepared	By	Analyzed	By	Qual
Semivolatiles by EPA 8270C									
Analysis Desc: PAH List by 8270 SIM (S)					Preparation Method: EPA 3545				
Analytical Method: EPA 8310 List by 8270E SIM (S)									
1-Methylnaphthalene	0.178	U mg/Kg	0.710	0.178	1 8/24/2023 14:34	SMC	8/26/2023 05:27	TDB	
2-Methylnaphthalene	0.178	U mg/Kg	0.710	0.178	1 8/24/2023 14:34	SMC	8/26/2023 05:27	TDB	
Acenaphthene	0.089	U mg/Kg	0.355	0.089	1 8/24/2023 14:34	SMC	8/26/2023 05:27	TDB	
Acenaphthylene	0.089	U mg/Kg	0.355	0.089	1 8/24/2023 14:34	SMC	8/26/2023 05:27	TDB	
Anthracene	0.089	U mg/Kg	0.355	0.089	1 8/24/2023 14:34	SMC	8/26/2023 05:27	TDB	
Benzo(a)anthracene	0.055i	mg/Kg	0.213	0.053	1 8/24/2023 14:34	SMC	8/26/2023 05:27	TDB	
Benzo(a)pyrene	0.040i	mg/Kg	0.213	0.033	1 8/24/2023 14:34	SMC	8/26/2023 05:27	TDB	
Benzo(b)fluoranthene	0.061i	mg/Kg	0.213	0.046	1 8/24/2023 14:34	SMC	8/26/2023 05:27	TDB	
Benzo(g,h,i)perylene	0.053	U mg/Kg	0.213	0.053	1 8/24/2023 14:34	SMC	8/26/2023 05:27	TDB	
Benzo(k)fluoranthene	0.053	U mg/Kg	0.213	0.053	1 8/24/2023 14:34	SMC	8/26/2023 05:27	TDB	
Chrysene	0.053	U mg/Kg	0.213	0.053	1 8/24/2023 14:34	SMC	8/26/2023 05:27	TDB	
Dibenzo(a,h)anthracene	0.018	U mg/Kg	0.213	0.018	1 8/24/2023 14:34	SMC	8/26/2023 05:27	TDB	
Fluoranthene	0.089i	mg/Kg	0.355	0.089	1 8/24/2023 14:34	SMC	8/26/2023 05:27	TDB	
Fluorene	0.089	U mg/Kg	0.355	0.089	1 8/24/2023 14:34	SMC	8/26/2023 05:27	TDB	
Indeno(1,2,3-cd)pyrene	0.053	U mg/Kg	0.213	0.053	1 8/24/2023 14:34	SMC	8/26/2023 05:27	TDB	
Naphthalene	0.178	U mg/Kg	0.710	0.178	1 8/24/2023 14:34	SMC	8/26/2023 05:27	TDB	
Phenanthrene	0.178	U mg/Kg	0.355	0.178	1 8/24/2023 14:34	SMC	8/26/2023 05:27	TDB	
Pyrene	0.089	U mg/Kg	0.355	0.089	1 8/24/2023 14:34	SMC	8/26/2023 05:27	TDB	
Nitrobenzene-d5 (S)	87 %		20-150		1 8/24/2023 14:34	SMC	8/26/2023 05:27	TDB	
2-Fluorobiphenyl (S)	97 %		30-150		1 8/24/2023 14:34	SMC	8/26/2023 05:27	TDB	
p-Terphenyl-d14 (S)	103 %		15-150		1 8/24/2023 14:34	SMC	8/26/2023 05:27	TDB	

Wet Chemistry

Analysis Desc: 2540G Percent Solids (Dryweight)			Analytical Method: SM 2540G						
Percent Solids (Dryweight)	88.4 %		0.1		1		8/23/2023 11:04	CT	



ANALYTICAL RESULTS

Workorder: 2387272
Project ID: Shell - North Bay Village

Lab ID: **2387272027** Date Received: 8/21/2023 16:52 Matrix: Aqueous Liquid
Sample ID: **MW-9R** Date Collected: 8/21/2023 11:08

Parameters	Results	Units	PQL	MDL	DF Prepared	By	Analyzed	By	Qual
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Analysis Desc: EPA 200.8 Metals (W)			Preparation Method: EPA 200.2 mod.						
			Analytical Method: EPA 200.8 (Total)						
Chromium	0.80	U ug/L	2.0	0.80	4	8/23/2023 13:10	ECW	8/23/2023 15:33	DB

CERTIFICATE OF ANALYSIS

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ANALYTICAL RESULTS QUALIFIERS

Workorder: 2387272

Project ID: Shell - North Bay Village

PARAMETER QUALIFIERS

- J4 MS/MSD recovery exceeded control limits due to matrix interference. LCS/LCSD recovery was within acceptable range.
- J4h MS/MSD recovery exceeded control limits due to high background sample concentration. LCS/LCSD recovery was within acceptable range.
- L1 Reported value is above the calibration range but is within the instrument LDR (Linear Dynamic Range).

PROJECT COMMENTS

- 2387272 A reported value of U indicates that the compound was analyzed for but not detected above the MDL. A value flagged with an "i" flag indicates that the reported value is between the laboratory method detection limit and the practical quantitation limit.

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QUALITY CONTROL DATA

Workorder: 2387272

Project ID: Shell - North Bay Village

QC Batch: VXX/11868 Analysis Method: EPA 8260C
QC Batch Method: EPA 5035
Associated Lab Samples: 2387171005 2387272013

METHOD BLANK: 289260

Parameter	Units	Blank Result	Reporting Limit	Qualifiers
Volatiles by GC/MS				
Dibromofluoromethane (S)	%	93	60-135	
Toluene d8 (S)	%	98	60-135	
4-Bromofluorobenzene (S)	%	103	60-135	
tert-Butyl methyl ether (MTBE)	mg/Kg	U	0.00111	
Benzene	mg/Kg	U	0.000460	
Toluene	mg/Kg	U	0.000850	
Ethylbenzene	mg/Kg	U	0.000400	
m & p-xylene	mg/Kg	U	0.000640	
o-Xylene	mg/Kg	U	0.000400	
Xylenes- Total	mg/Kg	U	0.000990	

LABORATORY CONTROL SAMPLE & LCSD: 289261 289262

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limit	RPD	Max RPD	Qualifiers
Volatiles by GC/MS										
Dibromofluoromethane (S)	%				98	97	60-135	2	30	
Toluene d8 (S)	%				100	95	60-135	5	30	
4-Bromofluorobenzene (S)	%				96	98	60-135	1	30	
tert-Butyl methyl ether (MTBE)	mg/Kg	0.05	0.039	0.045	78	89	60-135	14	30	
Benzene	mg/Kg	0.05	0.052	0.055	104	110	60-135	6	30	
Toluene	mg/Kg	0.05	0.054	0.060	109	120	60-135	11	30	
Ethylbenzene	mg/Kg	0.05	0.062	0.068	123	135	60-135	9	30	
m & p-xylene	mg/Kg	0.1	0.110	0.120	110	120	60-135	9	30	
o-Xylene	mg/Kg	0.05	0.050	0.055	100	111	60-135	10	30	
Xylenes- Total	mg/Kg	0.15	0.159	0.175	106	117	60-135	10	30	

LABORATORY CONTROL SAMPLE & LCSD: 289263 289264

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limit	RPD	Max RPD	Qualifiers
Dibromofluoromethane (S)	%				88	96	60-135	9	30	
Toluene d8 (S)	%				95	97	60-135	2	30	
4-Bromofluorobenzene (S)	%				99	98	60-135	2	30	

Report ID: 2387272
230828 0436

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QUALITY CONTROL DATA

Workorder: 2387272

Project ID: Shell - North Bay Village

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QUALITY CONTROL DATA

Workorder: 2387272
Project ID: Shell - North Bay Village

QC Batch: MXX/15547 Analysis Method: EPA 200.8 (Total)
QC Batch Method: EPA 200.2 mod.
Associated Lab Samples: 2387254014 2387254015 2387254016 2387258001 2387272027 2387277001

METHOD BLANK: 289330

Parameter	Units	Blank Result	Reporting Limit	Qualifiers
Chromium	ug/L	U	0.20	

LABORATORY CONTROL SAMPLE & LCSD: 289331 289332

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limit	RPD	Max RPD	Qualifiers
Chromium	ug/L	50	52	51	103	102	85-115	1.94	20	

MATRIX SPIKE SAMPLE: 289334 Original: 2387254016

Parameter	Units	Original Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Chromium	ug/L	0.16	50	50	99.7	70-130	

SAMPLE DUPLICATE: 289333 Original: 2387254016

Parameter	Units	Original Result	DUP Result	RPD	Max RPD	Qualifiers
Chromium	ug/L	0.16	U	6.45	20	



QUALITY CONTROL DATA

Workorder: 2387272

Project ID: Shell - North Bay Village

QC Batch: MXX/15548 Analysis Method: EPA 6020
QC Batch Method: EPA 3050B (mod)
Associated Lab Samples: 2387272001 2387272013 2387272014

METHOD BLANK: 289343

Parameter	Units	Blank Result	Reporting Limit	Qualifiers
Chromium	mg/Kg	U	0.11	
Arsenic	mg/Kg	U	0.041	
Cadmium	mg/Kg	U	0.046	
Lead	mg/Kg	U	0.039	

LABORATORY CONTROL SAMPLE & LCSD: 289344 289345

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limit	RPD	Max RPD	Qualifiers
Chromium	mg/Kg	10	9.4	9.5	94.1	95	80-120	1.06	20	
Arsenic	mg/Kg	10	9.3	9.2	92.8	92.4	80-120	1.08	20	
Cadmium	mg/Kg	10	9.5	9.4	94.5	93.7	80-120	1.06	20	
Lead	mg/Kg	10	9.7	9.8	97	98.3	80-120	1.03	20	

MATRIX SPIKE SAMPLE: 289347 Original: 2387270017

Parameter	Units	Original Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Chromium	mg/Kg	0.19	20	22	108	75-125	
Arsenic	mg/Kg	0.022	20	21	105	75-125	
Cadmium	mg/Kg	0.00059	20	21	104	75-125	
Lead	mg/Kg	0.08	20	21	106	75-125	

SAMPLE DUPLICATE: 289346 Original: 2387270017

Parameter	Units	Original Result	DUP Result	RPD	Max RPD	Qualifiers
Chromium	mg/Kg	0.19	U	5.41	20	
Arsenic	mg/Kg	0.022	U	4.44	20	
Cadmium	mg/Kg	0.00059	U	81.4	20	
Lead	mg/Kg	0.08	U	3.82	20	



QUALITY CONTROL DATA

Workorder: 2387272

Project ID: Shell - North Bay Village

QC Batch:	XXX/17703	Analysis Method:		EPA 8310 List by 8270E SIM (S)		
QC Batch Method:	EPA 3545					
Associated Lab Samples:	2387272003	2387272004	2387272005	2387272006	2387272007	2387272008
	2387272009	2387272010	2387272011	2387272012	2387272015	2387272016
	2387272017	2387272018	2387272019	2387272020	2387272021	2387272022
	2387272023	2387272024				

METHOD BLANK: 289374

Parameter	Units	Blank Result	Reporting Limit	Qualifiers
Semivolatiles by EPA 8270C				
Nitrobenzene-d5 (S)	%	99	20-150	
2-Fluorobiphenyl (S)	%	106	30-150	
p-Terphenyl-d14 (S)	%	115	15-150	
Naphthalene	mg/Kg	U	0.100	
2-Methylnaphthalene	mg/Kg	U	0.100	
1-Methylnaphthalene	mg/Kg	U	0.100	
Acenaphthylene	mg/Kg	U	0.050	
Acenaphthene	mg/Kg	U	0.050	
Fluorene	mg/Kg	U	0.050	
Phenanthrene	mg/Kg	U	0.100	
Anthracene	mg/Kg	U	0.050	
Fluoranthene	mg/Kg	U	0.050	
Pyrene	mg/Kg	U	0.050	
Benzo(a)anthracene	mg/Kg	U	0.030	
Chrysene	mg/Kg	U	0.030	
Benzo(b)fluoranthene	mg/Kg	U	0.026	
Benzo(k)fluoranthene	mg/Kg	U	0.030	
Benzo(a)pyrene	mg/Kg	U	0.018	
Dibenzo(a,h)anthracene	mg/Kg	U	0.010	
Indeno(1,2,3-cd)pyrene	mg/Kg	U	0.030	
Benzo(g,h,i)perylene	mg/Kg	U	0.030	

LABORATORY CONTROL SAMPLE & LCSD: 289375 289376

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limit	RPD	Max RPD	Qualifiers
Semivolatiles by EPA 8270C										
Nitrobenzene-d5 (S)	%				102	98	20-150	4		
2-Fluorobiphenyl (S)	%				96	97	30-150	1		
p-Terphenyl-d14 (S)	%				96	97	15-150	0.5		
Naphthalene	mg/Kg	2	1.89	1.85	94	93	40-150	2	40	
2-Methylnaphthalene	mg/Kg	2	1.91	1.92	95	96	40-150	0.5	40	
1-Methylnaphthalene	mg/Kg	2.01	1.92	1.92	95	96	40-150	0	40	
Acenaphthylene	mg/Kg	2	1.99	1.98	99	99	40-150	0.5	40	

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QUALITY CONTROL DATA

Workorder: 2387272

Project ID: Shell - North Bay Village

LABORATORY CONTROL SAMPLE & LCSD:		289375	289376							
Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limit	RPD	Max RPD	Qualifiers
Acenaphthene	mg/Kg	2	1.92	1.89	96	95	35-150	2	40	
Fluorene	mg/Kg	2	2.04	1.98	102	99	40-150	3	40	
Phenanthrene	mg/Kg	2.01	1.85	1.90	92	94	40-150	3	40	
Anthracene	mg/Kg	2	1.91	1.80	95	90	40-150	6	40	
Fluoranthene	mg/Kg	2	1.88	1.83	94	91	40-150	3	40	
Pyrene	mg/Kg	2	1.92	1.91	96	95	40-150	0.5	40	
Benzo(a)anthracene	mg/Kg	2.01	1.78	1.80	89	90	40-150	1	40	
Chrysene	mg/Kg	2.01	1.78	1.75	89	87	40-150	2	40	
Benzo(b)fluoranthene	mg/Kg	2.01	1.81	1.67	90	83	40-150	8	40	
Benzo(k)fluoranthene	mg/Kg	2.01	2.07	2.08	103	104	40-150	0.5	40	
Benzo(a)pyrene	mg/Kg	2	1.87	1.80	94	90	40-150	4	40	
Dibenzo(a,h)anthracene	mg/Kg	2.01	1.73	1.76	86	88	40-150	2	40	
Indeno(1,2,3-cd)pyrene	mg/Kg	2.01	1.64	1.55	82	77	40-150	6	40	
Benzo(g,h,i)perylene	mg/Kg	2.01	1.62	1.58	81	79	40-150	3	40	

MATRIX SPIKE SAMPLE: 289377

Original: 2387272007

Parameter	Units	Original Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Semivolatiles by EPA 8270C							
Nitrobenzene-d5 (S)	%				100	20-150	
2-Fluorobiphenyl (S)	%				102	30-150	
p-Terphenyl-d14 (S)	%				97	15-150	
Naphthalene	mg/Kg	0.011	3.2	3.14	98	40-150	
2-Methylnaphthalene	mg/Kg	0.00645	3.2	3.49	109	40-150	
1-Methylnaphthalene	mg/Kg	0.00778	3.22	3.47	108	40-150	
Acenaphthylene	mg/Kg	0.015	3.2	3.5	109	40-150	
Acenaphthene	mg/Kg	0.104	3.2	3.51	106	35-150	
Fluorene	mg/Kg	0.105	3.2	3.71	112	40-150	
Phenanthrene	mg/Kg	2.53	3.22	7.51	155	40-150	J4
Anthracene	mg/Kg	0.421	3.2	3.75	104	40-150	
Fluoranthene	mg/Kg	6.99	3.2	14.3	228	40-150	J4
Pyrene	mg/Kg	5.42	3.2	11.8	201	40-150	J4
Benzo(a)anthracene	mg/Kg	1.98	3.21	7.37	168	40-150	J4
Chrysene	mg/Kg	2.77	3.21	6.5	116	40-150	
Benzo(b)fluoranthene	mg/Kg	3.31	3.22	8	146	40-150	
Benzo(k)fluoranthene	mg/Kg	1.25	3.21	4.55	103	40-150	
Benzo(a)pyrene	mg/Kg	1.8	3.2	5.75	124	40-150	
Dibenzo(a,h)anthracene	mg/Kg	0.201	3.21	3.02	88	40-150	
Indeno(1,2,3-cd)pyrene	mg/Kg	2.03	3.21	7.53	172	40-150	J4
Benzo(g,h,i)perylene	mg/Kg	1.39	3.21	4.57	99	40-150	

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QUALITY CONTROL DATA

Workorder: 2387272

Project ID: Shell - North Bay Village

SAMPLE DUPLICATE: 289378

Original: 2387272012

Parameter	Units	Original Result	DUP Result	RPD	Max RPD	Qualifiers
Semivolatiles by EPA 8270C						
Nitrobenzene-d5 (S)	%	2680		12		
2-Fluorobiphenyl (S)	%	3150		8		
p-Terphenyl-d14 (S)	%	3170		8		
Naphthalene	mg/Kg	0	U	0	40	
2-Methylnaphthalene	mg/Kg	0	U	0	40	
1-Methylnaphthalene	mg/Kg	0	U	0	40	
Acenaphthylene	mg/Kg	0	U	0	40	
Acenaphthene	mg/Kg	0.01	U	35	40	
Fluorene	mg/Kg	0.00397	U	200	40	P1
Phenanthrene	mg/Kg	0.127	U	29	40	
Anthracene	mg/Kg	0.023	U	36	40	
Fluoranthene	mg/Kg	0.287	0.292i	7	40	
Pyrene	mg/Kg	0.23	0.229i	10	40	
Benzo(a)anthracene	mg/Kg	0.16	0.157i	11	40	
Chrysene	mg/Kg	0.153	0.150i	11	40	
Benzo(b)fluoranthene	mg/Kg	0.193	0.195i	8	40	
Benzo(k)fluoranthene	mg/Kg	0.093	0.070i	37	40	
Benzo(a)pyrene	mg/Kg	0.115	0.115i	9	40	
Dibenzo(a,h)anthracene	mg/Kg	0.014	U	0	40	
Indeno(1,2,3-cd)pyrene	mg/Kg	0.105	0.126i	9	40	
Benzo(g,h,i)perylene	mg/Kg	0.103	0.079i	35	40	

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QUALITY CONTROL DATA

Workorder: 2387272

Project ID: Shell - North Bay Village

QC Batch: XXX/17706 Analysis Method: EPA 8310 List by 8270E SIM (S)

QC Batch Method: EPA 3545

Associated Lab Samples:	2387265001	2387265002	2387265003	2387265004	2387265005	2387265006
	2387265007	2387265008	2387265009	2387265010	2387265011	2387265012
	2387265013	2387265014	2387272002	2387272025	2387272026	

METHOD BLANK: 289427

Parameter	Units	Blank Result	Reporting Limit	Qualifiers
Semivolatiles by EPA 8270C				
Nitrobenzene-d5 (S)	%	103	20-150	
2-Fluorobiphenyl (S)	%	106	30-150	
p-Terphenyl-d14 (S)	%	108	15-150	
Naphthalene	mg/Kg	U	0.100	
2-Methylnaphthalene	mg/Kg	U	0.100	
1-Methylnaphthalene	mg/Kg	U	0.100	
Acenaphthylene	mg/Kg	U	0.050	
Acenaphthene	mg/Kg	U	0.050	
Fluorene	mg/Kg	U	0.050	
Phenanthrene	mg/Kg	U	0.100	
Anthracene	mg/Kg	U	0.050	
Fluoranthene	mg/Kg	U	0.050	
Pyrene	mg/Kg	U	0.050	
Benzo(a)anthracene	mg/Kg	U	0.030	
Chrysene	mg/Kg	U	0.030	
Benzo(b)fluoranthene	mg/Kg	U	0.026	
Benzo(k)fluoranthene	mg/Kg	U	0.030	
Benzo(a)pyrene	mg/Kg	U	0.018	
Dibenzo(a,h)anthracene	mg/Kg	U	0.010	
Indeno(1,2,3-cd)pyrene	mg/Kg	U	0.030	
Benzo(g,h,i)perylene	mg/Kg	U	0.030	

LABORATORY CONTROL SAMPLE & LCSD: 289428 289429

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limit	RPD	Max RPD	Qualifiers
Semivolatiles by EPA 8270C										
Nitrobenzene-d5 (S)	%				102	99	20-150	3		
2-Fluorobiphenyl (S)	%				104	103	30-150	2		
p-Terphenyl-d14 (S)	%				100	97	15-150	3		
Naphthalene	mg/Kg	2	2.11	2.05	105	102	40-150	3	40	
2-Methylnaphthalene	mg/Kg	2	2.08	2.02	104	101	40-150	3	40	
1-Methylnaphthalene	mg/Kg	2.01	2.06	2.03	102	101	40-150	1	40	
Acenaphthylene	mg/Kg	2	2.25	2.15	112	107	40-150	5	40	
Acenaphthene	mg/Kg	2	2.14	2.10	107	105	35-150	2	40	

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QUALITY CONTROL DATA

Workorder: 2387272

Project ID: Shell - North Bay Village

LABORATORY CONTROL SAMPLE & LCSD:		289428	289429							
Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limit	RPD	Max RPD	Qualifiers
Fluorene	mg/Kg	2	2.27	2.19	113	109	40-150	4	40	
Phenanthrene	mg/Kg	2.01	2.01	1.95	100	97	40-150	3	40	
Anthracene	mg/Kg	2	2.22	2.13	111	107	40-150	4	40	
Fluoranthene	mg/Kg	2	2.15	2.06	107	103	40-150	4	40	
Pyrene	mg/Kg	2	1.69	1.65	84	83	40-150	2	40	
Benzo(a)anthracene	mg/Kg	2.01	2.26	2.14	113	106	40-150	5	40	
Chrysene	mg/Kg	2.01	1.97	1.91	98	95	40-150	3	40	
Benzo(b)fluoranthene	mg/Kg	2.01	1.80	1.79	90	89	40-150	0.6	40	
Benzo(k)fluoranthene	mg/Kg	2.01	1.58	1.53	79	76	40-150	3	40	
Benzo(a)pyrene	mg/Kg	2	1.89	1.80	95	90	40-150	5	40	
Dibenzo(a,h)anthracene	mg/Kg	2.01	1.80	1.75	90	87	40-150	3	40	
Indeno(1,2,3-cd)pyrene	mg/Kg	2.01	2.03	1.94	101	97	40-150	5	40	
Benzo(g,h,i)perylene	mg/Kg	2.01	1.74	1.71	87	85	40-150	2	40	

MATRIX SPIKE SAMPLE: 289431 Original: 2387272002

Parameter	Units	Original Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Semivolatiles by EPA 8270C							
Nitrobenzene-d5 (S)	%				81	20-150	
2-Fluorobiphenyl (S)	%				77	30-150	
p-Terphenyl-d14 (S)	%				57	15-150	
Naphthalene	mg/Kg	0.04	3.28	2.88	86	40-150	
2-Methylnaphthalene	mg/Kg	0.022	3.28	2.73	82	40-150	
1-Methylnaphthalene	mg/Kg	0.023	3.3	2.77	83	40-150	
Acenaphthylene	mg/Kg	0	3.28	2.63	80	40-150	
Acenaphthene	mg/Kg	0.196	3.28	3.14	90	35-150	
Fluorene	mg/Kg	0.106	3.28	2.84	83	40-150	
Phenanthrene	mg/Kg	2.65	3.3	7.67	152	40-150	J4h
Anthracene	mg/Kg	0.335	3.28	3.11	85	40-150	
Fluoranthene	mg/Kg	5.07	3.28	11.2	188	40-150	J4h
Pyrene	mg/Kg	3.39	3.28	7.12	114	40-150	
Benzo(a)anthracene	mg/Kg	2.11	3.29	5.99	118	40-150	
Chrysene	mg/Kg	2.3	3.29	5.55	99	40-150	
Benzo(b)fluoranthene	mg/Kg	2.52	3.3	6.05	107	40-150	
Benzo(k)fluoranthene	mg/Kg	1.05	3.29	3.2	65	40-150	
Benzo(a)pyrene	mg/Kg	1.57	3.28	4.21	81	40-150	
Dibenzo(a,h)anthracene	mg/Kg	0.227	3.29	1.87	50	40-150	
Indeno(1,2,3-cd)pyrene	mg/Kg	1.6	3.29	4.36	84	40-150	
Benzo(g,h,i)perylene	mg/Kg	1.76	3.29	3.76	61	40-150	



QUALITY CONTROL DATA

Workorder: 2387272

Project ID: Shell - North Bay Village

SAMPLE DUPLICATE: 289430

Original: 2387272026

Parameter	Units	Original Result	DUP Result	RPD	Max RPD	Qualifiers
Semivolatiles by EPA 8270C						
Nitrobenzene-d5 (S)	%	2720		5		
2-Fluorobiphenyl (S)	%	3050		4		
p-Terphenyl-d14 (S)	%	3230		1		
Naphthalene	mg/Kg	0	U	0	40	
2-Methylnaphthalene	mg/Kg	0	U	0	40	
1-Methylnaphthalene	mg/Kg	0	U	0	40	
Acenaphthylene	mg/Kg	0	U	0	40	
Acenaphthene	mg/Kg	0	U	200	40	
Fluorene	mg/Kg	0	U	200	40	
Phenanthrene	mg/Kg	0.037	U	18	40	
Anthracene	mg/Kg	0.00768	U	3	40	
Fluoranthene	mg/Kg	0.079	U	14	40	
Pyrene	mg/Kg	0.073	U	20	40	
Benzo(a)anthracene	mg/Kg	0.049	U	13	40	
Chrysene	mg/Kg	0.046	U	14	40	
Benzo(b)fluoranthene	mg/Kg	0.054	0.050i	20	40	
Benzo(k)fluoranthene	mg/Kg	0.039	U	0	40	
Benzo(a)pyrene	mg/Kg	0.036	U	22	40	
Dibenzo(a,h)anthracene	mg/Kg	0	U	0	40	
Indeno(1,2,3-cd)pyrene	mg/Kg	0.032	U	13	40	
Benzo(g,h,i)perylene	mg/Kg	0.031	U	14	40	

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QUALITY CONTROL DATA

Workorder: 2387272

Project ID: Shell - North Bay Village

QC Batch: MXX/15552 Analysis Method: EPA 1311/200.8
 QC Batch Method: EPA 200.2 mod.
 Associated Lab Samples: 2387264016 2387264017 2387264018 2387264019 2387264020 2387272013

METHOD BLANK: 289455

Parameter	Units	Blank Result	Reporting Limit	Qualifiers
Lead	mg/L	U	0.000029	

LABORATORY CONTROL SAMPLE & LCSD: 289456 289457

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limit	RPD	Max RPD	Qualifiers
Lead	mg/L	0.05	0.050	0.050	100	99.4	85-115	0	20	

MATRIX SPIKE SAMPLE: 289459 Original: 2387264020

Parameter	Units	Original Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Lead	mg/L	0.00014	0.05	0.046	92.3	70-130	

SAMPLE DUPLICATE: 289458 Original: 2387264020

Parameter	Units	Original Result	DUP Result	RPD	Max RPD	Qualifiers
Lead	mg/L	0.00014	0.00014i	0	20	



QUALITY CONTROL DATA

Workorder: 2387272

Project ID: Shell - North Bay Village

QC Batch: VXX/11875 Analysis Method: EPA 8260C (TCLP)

QC Batch Method: EPA 5030B

Associated Lab Samples: 2387272013

METHOD BLANK: 289526

Parameter	Units	Blank Result	Reporting Limit	Qualifiers
Volatiles by GC/MS				
Dibromofluoromethane (S)	%	95	70-130	
Toluene d8 (S)	%	97	70-130	
4-Bromofluorobenzene (S)	%	93	70-130	
Benzene	ug/L	U	0.400	

Parameter	Units	Blank Result	Reporting Limit	Qualifiers
Volatiles by GC/MS				
Dibromofluoromethane (S)	%	94	70-130	
Toluene d8 (S)	%	94	70-130	
4-Bromofluorobenzene (S)	%	95	70-130	
Benzene	ug/L	U	4.00	

LABORATORY CONTROL SAMPLE & LCSD: 289527 289528

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limit	RPD	Max RPD	Qualifiers
Volatiles by GC/MS										
Dibromofluoromethane (S)	%				99	97	70-130	2	75	
Toluene d8 (S)	%				97	96	70-130	1	75	
4-Bromofluorobenzene (S)	%				89	92	70-130	3	75	
Benzene	ug/L	50	45.6	46.1	91	92	70-135	1	75	

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QUALITY CONTROL DATA QUALIFIERS

Workorder: 2387272

Project ID: Shell - North Bay Village

QUALITY CONTROL PARAMETER QUALIFIERS

- J4 MS/MSD recovery exceeded control limits due to matrix interference. LCS/LCSD recovery was within acceptable range.
- J4h MS/MSD recovery exceeded control limits due to high background sample concentration. LCS/LCSD recovery was within acceptable range.
- P1 RPD value not applicable for sample concentrations less than 5 times the PQL.

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QUALITY CONTROL DATA CROSS

Workord 2387272 Shell - North Bay
Village

Lab ID	Sample	Batch Method	QC	Method	Analytical Batch
2387272013	IDW (0-2)	EPA 5035	VXX/11868	EPA 8260C	VMS/11692
2387272001	SB-8C (0-2)	SM 2540G	WGR/5981	SM 2540G	WGR/5981
2387272003	SB-8NNE (0-2)	SM 2540G	WGR/5981	SM 2540G	WGR/5981
2387272004	SB-8NNW (0-2)	SM 2540G	WGR/5981	SM 2540G	WGR/5981
2387272005	SB-8SSE (0-2)	SM 2540G	WGR/5981	SM 2540G	WGR/5981
2387272006	SB-8SSW (0-2)	SM 2540G	WGR/5981	SM 2540G	WGR/5981
2387272007	SB-8SSS (0-2)	SM 2540G	WGR/5981	SM 2540G	WGR/5981
2387272008	SB-4NNW (0-2)	SM 2540G	WGR/5981	SM 2540G	WGR/5981
2387272009	SB-4NNE (0-2)	SM 2540G	WGR/5981	SM 2540G	WGR/5981
2387272010	SB-4EEN (0-2)	SM 2540G	WGR/5981	SM 2540G	WGR/5981
2387272011	SB-4EEE (0-2)	SM 2540G	WGR/5981	SM 2540G	WGR/5981
2387272012	SB-4EES (0-2)	SM 2540G	WGR/5981	SM 2540G	WGR/5981
2387272013	IDW (0-2)	SM 2540G	WGR/5981	SM 2540G	WGR/5981
2387272014	SB-8C (2-4)	SM 2540G	WGR/5981	SM 2540G	WGR/5981
2387272015	SB-8NNN (2-4)	SM 2540G	WGR/5981	SM 2540G	WGR/5981
2387272016	SB-8NNE (2-4)	SM 2540G	WGR/5981	SM 2540G	WGR/5981
2387272017	SB-8NNW (2-4)	SM 2540G	WGR/5981	SM 2540G	WGR/5981
2387272018	SB-8SSE (2-4)	SM 2540G	WGR/5981	SM 2540G	WGR/5981
2387272019	SB 8SSW (2-4)	SM 2540G	WGR/5981	SM 2540G	WGR/5981
2387272020	SB-8SSS (2-4)	SM 2540G	WGR/5981	SM 2540G	WGR/5981
2387272021	SB-4NNN (2-4)	SM 2540G	WGR/5981	SM 2540G	WGR/5981
2387272022	SB-4NNW (2-4)	SM 2540G	WGR/5981	SM 2540G	WGR/5981
2387272023	SB-4NNE (2-4)	SM 2540G	WGR/5981	SM 2540G	WGR/5981
2387272024	SB-4EEN (2-4)	SM 2540G	WGR/5981	SM 2540G	WGR/5981
2387272025	SB-4EEE (2-4)	SM 2540G	WGR/5981	SM 2540G	WGR/5981
2387272026	SB- EES (2-4)	SM 2540G	WGR/5981	SM 2540G	WGR/5981
2387272027	MW-9R	EPA 200.2 mod.	MXX/15547	EPA 200.8 (Total)	MMS/13820
2387272001	SB-8C (0-2)	EPA 3050B (mod)	MXX/15548	EPA 6020	MMS/13821
2387272013	IDW (0-2)	EPA 3050B (mod)	MXX/15548	EPA 6020	MMS/13821
2387272014	SB-8C (2-4)	EPA 3050B (mod)	MXX/15548	EPA 6020	MMS/13821
2387272002	SB-8NNN (0-2)	SM 2540G	WGR/5983	SM 2540G	WGR/5983
2387272003	SB-8NNE (0-2)	EPA 3545	XXX/17703	EPA 8310 List by 8270E SIM (S)	XMS/8940



QUALITY CONTROL DATA CROSS

Workord 2387272 Shell - North Bay
Village

Lab ID	Sample	Batch Method	QC	Method	Analytical Batch
2387272004	SB-8NNW (0-2)	EPA 3545	XXX/17703	EPA 8310 List by 8270E SIM (S)	XMS/8940
2387272005	SB-8SSE (0-2)	EPA 3545	XXX/17703	EPA 8310 List by 8270E SIM (S)	XMS/8940
2387272006	SB-8SSW (0-2)	EPA 3545	XXX/17703	EPA 8310 List by 8270E SIM (S)	XMS/8940
2387272007	SB-8SSS (0-2)	EPA 3545	XXX/17703	EPA 8310 List by 8270E SIM (S)	XMS/8940
2387272008	SB-4NNW (0-2)	EPA 3545	XXX/17703	EPA 8310 List by 8270E SIM (S)	XMS/8940
2387272009	SB-4NNE (0-2)	EPA 3545	XXX/17703	EPA 8310 List by 8270E SIM (S)	XMS/8940
2387272010	SB-4EEN (0-2)	EPA 3545	XXX/17703	EPA 8310 List by 8270E SIM (S)	XMS/8940
2387272011	SB-4EEE (0-2)	EPA 3545	XXX/17703	EPA 8310 List by 8270E SIM (S)	XMS/8941
2387272012	SB-4EES (0-2)	EPA 3545	XXX/17703	EPA 8310 List by 8270E SIM (S)	XMS/8941
2387272015	SB-8NNN (2-4)	EPA 3545	XXX/17703	EPA 8310 List by 8270E SIM (S)	XMS/8941
2387272016	SB-8NNE (2-4)	EPA 3545	XXX/17703	EPA 8310 List by 8270E SIM (S)	XMS/8941
2387272017	SB-8NNW (2-4)	EPA 3545	XXX/17703	EPA 8310 List by 8270E SIM (S)	XMS/8941
2387272018	SB-8SSE (2-4)	EPA 3545	XXX/17703	EPA 8310 List by 8270E SIM (S)	XMS/8941
2387272019	SB 8SSW (2-4)	EPA 3545	XXX/17703	EPA 8310 List by 8270E SIM (S)	XMS/8941
2387272020	SB-8SSS (2-4)	EPA 3545	XXX/17703	EPA 8310 List by 8270E SIM (S)	XMS/8941
2387272021	SB-4NNN (2-4)	EPA 3545	XXX/17703	EPA 8310 List by 8270E SIM (S)	XMS/8941
2387272022	SB-4NNW (2-4)	EPA 3545	XXX/17703	EPA 8310 List by 8270E SIM (S)	XMS/8941
2387272023	SB-4NNE (2-4)	EPA 3545	XXX/17703	EPA 8310 List by 8270E SIM (S)	XMS/8941
2387272024	SB-4EEN (2-4)	EPA 3545	XXX/17703	EPA 8310 List by 8270E SIM (S)	XMS/8941
2387272002	SB-8NNN (0-2)	EPA 3545	XXX/17706	EPA 8310 List by 8270E SIM (S)	XMS/8941
2387272025	SB-4EEE (2-4)	EPA 3545	XXX/17706	EPA 8310 List by 8270E SIM (S)	XMS/8941
2387272026	SB- EES (2-4)	EPA 3545	XXX/17706	EPA 8310 List by 8270E SIM (S)	XMS/8941
2387272013	IDW (0-2)	EPA 200.2 mod.	MXX/15552	EPA 1311/200.8	MMS/13824
2387272013	IDW (0-2)	EPA 5030B	VXX/11875	EPA 8260C (TCLP)	VMS/11699

CERTIFICATE OF ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Jupiter Environmental Laboratories, Inc..



Company Name						LAB ANALYSIS										Requested Turnaround Time		
MAS Environmental																Time		
Address						Pres Codes	I	I	I	I	I	I	I	I	I	I	Note: Rush requests subject to acceptance by the laboratory	
6555 Powerline rd #411						Parameters											Standard	
City Fort Lauderdale State FL Zip 33309							Lead										<input checked="" type="checkbox"/> Expedited	
Sampling Site Address							TCLP Lead Extractable only										Due ___/___/___	
Attn: Lena Mollica Email Lmollica@mas-en.com							SPLP Lead Extractability											
Project Name Shell-Northway Village / Project # M50885							PAHs (8270)											
Sampler Name/Signature Chris Kelly / Chris Kelly						BTEX / MTBE												
Matrix Codes*						RCRA (4)												
#	Sample Label (Client ID)	Collected Date	Collected Time	Matrix Code*	# of Cont												Field Filtered (Y/N)	
1	SB-8C (0-2)	8/21/23	10:18	S	1	X	X ^H	X ^H									Comments	
2	SB-8NN(0-2)		10:22						X								ATC Rates	
3	SB-8NWE(0-2)		10:26						X								Adapt #	
4	SB-8NNW(0-2)		10:30						X								8838300	
5	SB-8SSE(0-2)		10:38						X								2 Encores	
6	SB-8SSW(0-2)		10:42						X								① 40J 8/23/22	
7	SB-8SSS(0-2)		10:34						X								sample received 8/23/23 10:34 see attached.	
8	SB-4NNW(0-2)		12:30						X									
9	SB-4NWE(0-2)		12:40						X									
0	SB-4EEN(0-2)		12:58						X									

RUSH

Matrix Codes*		Pres Codes		Relinquished by		Date	Time	Received by		Date	Time
S Soil/Solid Sediment	SW Surface Water	A- none	I- Ice	Chris Kelly		8/21/23	16:52			8/21/23	16:52
GW Ground Water	SL Sludge	B- HNO ₃	O- Other								
WW Waste Water	O Other (Please Specify)	C- H ₂ SO ₄	M- MeOH								
DW Drinking Water		D- NaOH	N- Na ₂ S ₂ O ₃								
		E- HCl	Z- ZnAc								

QA/QC level with report
 None 1 2 3 See price guide for applicable fees

FDEP Dry Cleaning FDEP UST Pre-Approval
 SFWMD ADaPT DOT

Temp Control: 40 °C

Company Name						LAB ANALYSIS										Requested Turnaround Time			
Address						Pres Codes	I	E	T	I	I	I	I	I	I	I	Field Filtered (Y/N)	Comments	
City																			Parameters
Sampling Site Address						Attn:	Project Name	Project #	Sampler Name/Signature	#	Sample Label (Client ID)	Collected Date	Collected Time	Matrix Code*	# of Cont				
MAS Environmental																			
6555 Powerline rd #411																			
Fort Lauderdale State FL Zip 33309																			
Lena Mullica Email L.mullica@mas-environmental.com																			
Shell-North Bay Village Project # M50885																			
Chris Kelly Chris Kelly																			
Matrix Codes*						Pres Codes						Relinquished by		Date	Time	Received by		Date	Time
S Soil/Solid Sediment SW Surface Water A- none I- Ice B- HNO ₃ O- Other C- H ₂ SO ₄ M- MeOH D- NaOH N- Na ₂ S ₂ O ₃ E- HCl Z- ZnAc						GW Ground Water SL Sludge WW Waste Water O Other (Please Specify) DW Drinking Water						Chris Kelly		8/21/23	16:52	[Signature]		8/21/23	16:52
QA/QC level with report						Temp Control:													
None 1 2 3 See price guide for applicable fees						4.0 °C													
FDEP Dry Cleaning <input type="checkbox"/> FDEP UST Pre-Approval <input type="checkbox"/> SFWMD <input type="checkbox"/> ADaPT <input type="checkbox"/> DOT <input type="checkbox"/>																			
1	SB-4 EEE (0-2)	8/21/23	13:10	S	1					X							N	ATC Rates	
2	SB-4 EES (0-2)		13:20		1					X							N		
3	IDW (0-2)		13:25		5						X	X	X	X	X		N	ADAPT#	
* 4	IDW (2-4)		13:30		5						X	X	X	X	X		N	8838306	
5	SB-8 C (2-4)		10:20		1		X	X	X								N		
6	SB-8 NNN (2-4)		10:24		1					X							N		
7	SB-8 NNE (2-4)		10:28		1					X							N		
8	SB-8 NNN (2-4)		10:32		1					X							N		
9	SB-8 SSE (2-4)		10:40		1					X							N		
10	SB 8 SSW (2-4)		10:46		1					X							N		

RUSH

* Times on jars MCL 8/21/23

Company Name						LAB ANALYSIS										Requested Turnaround Time				
MAS Environmental						Pres Codes	I	I	I	I	I	I	I	I	I	I	I	I	Note: Rush requests subject to acceptance by the laboratory	
Address						Parameters	Lead	TCLP Lead Extraction	SAP Lead Extraction	PAHs (B270)	BTEX/MTBE	RCRA (4)	TCLP Benzene	TCLP Lead	Chromium	Field Filtered (Y/N)	<input checked="" type="checkbox"/> Standard <input type="checkbox"/> Expedited			
City																	Due ___/___/___			
State																	Comments			
Zip																				
Sampling Site Address																				
Attn: Lena Mollica						Email: L.Mollica@masenv.com														
Project Name						Project # M50895														
Sampler Name/Signature						Chris Keeney														
#	Sample Label (Client ID)	Collected Date	Collected Time	Matrix Code*	# of Cont															
21	SB-8 SSS (2-4)	8/21/23	10:36	S	1				X						N			ATC Rate		
22	SB-4 NNW (2-4)		12:14		1				X						N			ADAPT#		
23	SB-4 NNW (2-4)		12:32		1				X						N			8838306		
24	SB-4 NNE (2-4)		12:42		1				X						N					
25	SB-4 EEN (2-4)		13:00		1				X						N					
26	SB-4 EEE (2-4)		13:12		1				X						N					
27	SB- EES (2-4)		13:22		1				X						N					
28	MW-9R	8/21/23	11:08	GW	1									X						
9																				
0																				

RUSH

Matrix Codes*			Pres Codes		Relinquished by	Date	Time	Received by	Date	Time
S Soil/Solid Sediment	SW Surface Water	A- none	I- Ice		Chris Keeney	8/21/23	1652	[Signature]	8/21/23	1652
GW Ground Water	SL Sludge	B- HNO ₃	O- Other							
WW Waste Water	O Other (Please Specify)	C- H ₂ SO ₄	M- MeOH							
DW Drinking Water		D- NaOH	N- Na ₂ S ₂ O ₃							
		E- HCl	Z- ZnAc							

QA/QC level with report
 None ___ 1 ___ 2 ___ 3 ___ See price guide for applicable fees

FDEP Dry Cleaning FDEP UST Pre-Approval
 SFWMD ADaPT DOT

Temp Control: 4.0 °C

Company Name						LAB ANALYSIS										Requested Turnaround Time				
Address						Pres Codes														
City						Parameters	PHITS											Field Filtered (Y/N)	Note: Rush requests subject to acceptance by the laboratory	
State																			Standard	
Zip																			Expedited	
Sampling Site Address																			Due ___/___/___	
Attn: _____ Email _____																				
Project Name																				
Sampler Name/Signature																				
#	Sample Label (Client ID)	Collected Date	Collected Time	Matrix Code*	# of Cont															Comments
1	SB-8NNN	8/21/23	10:22	S	1	X														
2																				Collected
3																				8/21/23
4																				see 8/21/23
5																				IOC for rates
6																				ATC + ADaPT
7																				*ATC RATES
8																				*ADaPT#8638306
9																				DAOT 8/23/23 added to
0																				WO 2387272

RUSH

Matrix Codes*		Pres Codes	Relinquished by	Date	Time	Received by	Date	Time
S Soil/Solid Sediment	SW Surface Water	A- none	Chris Keeney	8/21/23	16:30	Justin D	8/23/23	16:34
GW Ground Water	SL Sludge	I- Ice						
WW Waste Water	O Other (Please Specify)	B- HNO ₃						
DW Drinking Water		C- H ₂ SO ₄						
		D- NaOH						
		E- HCl						

QA/QC level with report
 None 1 2 3 See price guide for applicable fees

FDEP Dry Cleaning FDEP UST Pre-Approval
 SFWMD ADaPT DOT

Temp Control: _____ °C

Nicole Laing

From: Christopher Keenoy <CKeenoy@mas-env.com> on behalf of Christopher Keenoy
Sent: Tuesday, August 22, 2023 2:28 PM
To: Sample Receiving; Lena Mollica
Cc: Client Services; Mike Minard
Subject: RE: Shell North Bay Village - Please confirm sample IDs and times

-SB-8NNN (0-2) collected at 10:22' @ 10: 22 is
-SB-4 NNN (0-2') collected at 12:12 was collected by mistake and can be discarded.

The correct times for the following samples: #16- 'SB-8NNN(2-4)', #17 - 'SB-8NNE (2-4)', and #18 - 'SB-8NNW (2-4): are listed below:

#16 - 'SB-8NNN(2-4)', @ 10:24 AM
#17 - 'SB-8NNE (2-4)' @ 10:28 AM
#18 - 'SB-8NNW (2-4)' @ 10:32 AM

After reviewing Page 2 of 3 of the chain of custody I see I copied my field book down (it was Monday) mark it off as human error.

The correct parameter on Page 2 of 3 Line should be: 2 TCLP Extraction Only

To answer your question: I am unsure that is PM question.

are you able to run a confirmation for TCLP Benzene, TCLP Lead, TCLP Lead extraction only, and SPLP Lead extraction with any of the extra soil material Mas has provided.

Again I am unsure on what Jupiter Labs needs before proceeding to run these samples, but I am willing to learn to make the job go smoother next time.

From: Sample Receiving <samplerceiving@jupiterlabs.com>
Sent: Tuesday, August 22, 2023 10:04 AM
To: Lena Mollica <LMollica@mas-env.com>
Cc: Client Services <clientservices@jupiterlabs.com>; Christopher Keenoy <CKeenoy@mas-env.com>; Mike Minard <mminard@mas-env.com>
Subject: Shell North Bay Village - Please confirm sample IDs and times

CAUTION: This email originated from outside your organization. Exercise caution when opening attachments or clicking links, especially from unknown senders.

Good morning,

We have received your samples for the following project 'Shell North Bay Village'. We did notice some discrepancies with regards to the labeling of the samples. We did not received a sample that is labeled as Sample #2 listed on the COC 'SB-8NNN (0-2) collected at 10:22', we instead have one labeled as 'SB-4NNN (0-2) collected at 12:12', please confirm if this is sample #2 listed on the COC.

Also samples #16 - 'SB-8NNN(2-4)', #17 - 'SB-8NNE (2-4)', and #18 - 'SB-8NNW (2-4)' all have different times written on the containers than what is written on the COC. Please let us know if we should go off the times from the COC or from the containers. I have attached the COC for reference as well as a picture of these samples for reference.

Could you please also confirm on page 2 of the COC the 7th line of the list of parameters TCLP is listed by itself please specify which TCLP is needed, does this refer to the line above it for 4-RCRA?

We would also like a confirmation for TCLP Benzene, TCLP Lead, TCLP Lead extraction only, and SPLP Lead extraction only before proceeding to run these samples as it is not usual for these tests to be run.

Thank you!

Best Regards,

Sample Custodian | Sample Receiving | www.jupiterlabs.com | 561-575-0030 (ext. 3015)

REPLY TO: [Redacted]

We can also be reached at [Redacted]

<https://www.jupiterlabs.com>

Jupiter

This e-mail and any files transmitted with it are confidential. If you are not the named addressee, you should not disseminate, distribute or copy this e-mail. Please notify the sender immediately by e-mail if you have received this e-mail by mistake. If you are unsure if you are intended to receive this e-mail, you should contact the sender. If you are the intended recipient, you should not disclose this e-mail to others. If you are not the intended recipient, you should not disseminate, distribute or copy this e-mail. Please notify the sender immediately by e-mail if you have received this e-mail by mistake. If you are unsure if you are intended to receive this e-mail, you should contact the sender. If you are the intended recipient, you should not disclose this e-mail to others.

SAMPLE RECEIPT CONFIRMATION SHEET

Client Information

SDG: 2387272	Profile: 4409
Client: MAS	Project: L. Mollica
Level: 1	Date Rec'd: 8/21/2023 4:52:00 PM
Rec'd via: Client	

Cooler Check

ID	Temp (C)	# of samples	Arrived on Ice	Security Tape		Comments	Temp Gun ID
				Present	Intact		
	4.0	26	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		Temp Gun 2

Checked By: AOJ

Sample Verification

Loose Caps?	No	All Samples on COC accounted For?	Yes
Broken Containers?	No	All Samples on COC?	Yes
pH Verified?	Yes	Written on Internal COC?	No
pH Strip Lot #	HC312501	Sample Vol. Suff. For Analysis?	Yes
Acid Preserved Samples Lot #	25371	Samples Rec'd W/ Hold Time?	Yes
Base Preserved Samples Lot #		Are All Samples to be Analyzed?	Yes
Samples Received From	Client	Correct Sample Containers?	Yes
Soil Origin (Domestic/Foreign)		COC Comments written on COC?	Yes
Site Location/Project on COC?	Yes	Samplers Initials on COC?	Yes
Client Project # on COC?	Yes	Sample Date/Time Indicated?	Yes
Project Mgr. Indicated on COC	Yes	TAT Requested:	RUSH
COC relinquished/Dated by Client?	Yes	Client Requests Verbal Results?	No
COC Received/Dated by JEL	Yes	Client Notified of discrepancies?	No
JEL to Conduct ALL Analyses?	Yes	Do VOC vials have headspace or a bubble >6mm (1/4")?	N/A
Number of Encores	2	Number of Lab Filtered Metals	0

Samples Labeled by AOJ o 8/22/2023 Labels Confirmed by JL o 8/22/2023

Subcontract Analysis

Parameter	Via	Lab Name	Comments
-----------	-----	----------	----------

North Bay Village City Hall

Address: 7903 East Dr, North Bay Village, FL 33141

Facility ID: 9501753; Discharge ID: 12023

Document Not Available

**The document was requested and not received
from Local Program
on 9/16/13.**

**Facility ID# 139501753
Discharge Reporting Form
Dated 1/12/95
Received 1/12/95**

**Reviewed by
York Risk Services Group, Inc.**

RECEIVED

MAY 31 1995

POLLUTION CONTROL
DIVISION



Hammerhead Water Systems, Inc. 9280 S.W. 106 St. Miami, Florida 33176

Geotechnical/Environmental.....Contractor/Consultant

26 May 1995

Mr. David Shapiro, PG
Petroleum Remediation Section
Dade County DERM
33 SW 2nd Avenue
Miami, Florida 33130

RE: Transmittal of analytical results for City of North Bay Village facility at
7903 East Bay Harbor Island, North Bay Village, Dade County, Florida.

Dear Mr. Shapiro:

Please find attached the laboratory analytical results for the above referenced facility submitted in response to the Notice of Required Testing for this facility issued 14 April 1995. The groundwater sample taken 18 May 1995 and analyzed for EPA Method 602's reported Below Method Detection Limit for all parameters of concern. A representative from DERM split sampled. We request the results from this split for our files.

Please call me if you have any questions.

Sincerely,

A handwritten signature in cursive script that reads "Debby Arnold".

Debby Arnold, P.G.

cc: Mr. Bob Pushkin--NBV Public Works
Mr. Philip Cooke, PE--Hazen & Sawyer, P.C

CHAIN OF CUSTODY

Hammerhead Inc.
9280 S.W. 106 St.
Miami, Florida 33176

phone/fax (305) 596-0044

Geotechnical / Environmental
Contractor / Consultant

Date 18, MAY, 1995

Number of Pages 1 of 1

TO: fax #

FROM:

D.E. Arnold
HAMMERHEAD

PROJECT/SAMPLE LOCATION: NORTH BAY VILLAGE Public Works @
18 May 1995 NBV Fire Station/City Hall

ANALYSIS REQUESTED: 602's ? NBV-5-18-95-MW-1

TYPE OF SAMPLE: GROUNDWATER

SAMPLED BY: D.E. ARNOLD

NO. OF SAMPLES:
NBV-5-18-MW-1 : 602's.

TOTAL SAMPLE CONTAINERS: 3 40 ml bottles

COMMENTS: SPLIT w/ D.C. DERM

RELINQUISHED BY HAMMERHEAD:
ACCEPTED BY RIO PALENQUE:

Michael J. Arnold 5-19-95
Donna Rich 1000 5/19/95

RIO PALENQUE RESEARCH CORPORATION

12246 S.W. 131st AVENUE • MIAMI, FLORIDA 33186 • TEL. (305) 233-5789



CLIENT: Hammerhead Water Systems

SAMPLED BY:

Client

SOURCE: N Bay Village

SAMPLE RECEIVED IN LAB:

5/19/95

SAMPLE DATE: 5/18/95

DATE EXTRACTED/ANALYZED:

5/22/95

METHOD: EPA 602

ANALYST: DR

HRS Certification #E86147

FDER CompQAP #870352G

	LOG#	F437
PURGEABLE AROMATICS	SAMPLE#	MW1
	MDL*	
Benzene	0.5	BDL
Toluene	0.5	BDL
Total Xylenes	1.9	BDL
Chlorobenzene	0.5	BDL
Ethylbenzene	0.5	BDL
1,3-dichlorobenzene	0.5	BDL
1,4-dichlorobenzene	0.5	BDL
1,2-dichlorobenzene	0.5	BDL
Methyl t-butyl Ether	0.5	BDL

*Method Detection Limi - $\mu\text{g/l}$

BDL - below detection level


PROJECT MANAGER



Lawton Chiles
Governor

Department of Environmental Protection

Twin Towers Office Building
2600 Blair Stone Road
Tallahassee, Florida 32399-2400

JF

UT-4672/12106

Virginia B. Wetherell
Secretary

July 26, 1995

Mr. James DiPietro
City of North Bay Village
7903 East Drive
North Bay Village, Florida 33141

RE: City of North Bay Village - DEP Facility #139501753
7903 East Drive, North Bay Village, FL

Dear Mr. DiPietro:

The Department has completed its review of documentation submitted for this site. The Department has determined that the contamination related to the storage of petroleum products as defined in Section 376.301(16), Florida Statutes (F.S.), at this site is eligible for state-funded remediation assistance, under the Abandoned Tank Restoration Program.

Pursuant to 95-2, Laws of Florida (LOF), and effective March 29, 1995, no further site rehabilitation work on sites eligible for state assisted cleanup from the Inland Protection Trust Fund shall be eligible for reimbursement. For any site rehabilitation work conducted prior to March 29, 1995, reimbursement may be requested regardless of whether the program task is completed. In accordance with 95-2, LOF, future state assisted rehabilitation will be dictated by the site's priority ranking score, and shall be conducted on a pre-approval of scope of work and costs basis.

"The person responsible for conducting site rehabilitation, or his agent, shall keep and preserve suitable records of hydrological and other site investigations and assessments, site rehabilitation plans, contracts and contract negotiations, and accounts, invoices, sales tickets, or other payments records from purchases, sales, leases or other involving costs actually incurred related to site rehabilitation. Such records shall be made available upon request to agents and employees of the Department during regular business hours, and at other times upon written request of the Department. In addition, the Department may from time to time request submission of such site-specific information as it may require. All records of costs actually incurred for cleanup shall be certified by affidavit to the Department as being true and correct."

Mr. James DiPietro
July 26, 1995
Page Two

Persons whose substantial interests are affected by this Order of Determination of Eligibility may petition for an administrative proceeding (hearing) in accordance with Section 120.57, F.S. The petition must contain the information set forth below and must be filed (received) in the Office of General Counsel of the Department at 2600 Blair Stone Road, Tallahassee, Florida 32399-2400, within twenty-one (21) days of receipt of this notice. Petitioner, if different from the reimbursement applicant, shall mail a copy of the petition to the reimbursement applicant at the time of filing. Failure to file a petition within this time period shall constitute a waiver of any right such person may have to request an administrative determination (hearing) under Section 120.57, F.S.

The Petition shall contain the following information;

- (a) The name, address, and telephone number of each petitioner, the reimbursement applicant's name and address, if different from petitioner, the Department file number (DEP facility number), and the name and address of the facility;
- (b) A statement of how and when each petitioner received notice of the Department's action or proposed action;
- (c) A statement of how each petitioner's substantial interests are affected by the Department's action or proposed action;
- (d) A statement of the material facts disputed by petitioner, if any;
- (e) A statement of facts which petitioner contends warrant reversal or modification of the department's action or proposed action;
- (f) A statement of which rules or statutes petitioner contends require reversal or modification of the department's action or proposed action; and
- (g) A statement of the relief sought by petitioner, stating precisely the action petitioner wants the department to take with respect to the department's action or proposed action.

All requests for extension of time or petitions for an administrative determination must be filed directly with the Department's Office of General Counsel at the address given below within twenty-one (21) days of receipt of this notice (do not send them to the Bureau of Waste Cleanup).

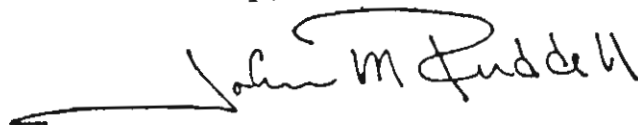
Mr. James DiPietro
July 26, 1995
Page Three

This Order of Determination of Eligibility is final and effective on the date of receipt of this Order unless a petition is filed in accordance with the preceding paragraph. Upon the timely filing of a petition, this Order will not be effective until further order of the Department.

When the Order is final, any party to the Order has the right to seek judicial review of the Order pursuant to Section 120.68, F.S., by filing of a Notice of Appeal pursuant to Rule 9.110, Florida Rules of Appellate Procedure, with the clerk of the Department in the Office of General Counsel, 2600 Blair Stone Road, Tallahassee, Florida 32399-2400; and by filing a copy of the Notice of Appeal, accompanied by the applicable filing fees, with the appropriate District Court of Appeal. The Notice of Appeal must be filed within 30 days from the date the Final Order is filed with the clerk of the Department.

Any questions you may have on the technical aspects of this Order of Determination of Eligibility should be directed to the Petroleum Cleanup Reimbursement Section staff at (904)487-3299. Contact with the above named person does not constitute a petition for administrative determination.

Sincerely,



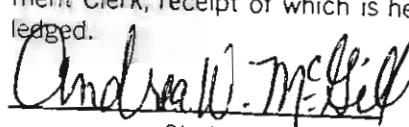
John M. Ruddell, Director
Division of Waste Management

JMR/awm

Enclosure:

cc: Teresa Rahrig - Southeast Florida District Office
Xiomara Lopez - Local Program Coordinator

FILING AND ACKNOWLEDGEMENT
FILED, on this date, pursuant to S120.52
Florida Statutes, with the designated Department Clerk, receipt of which is hereby acknowledged.

 7/25/95
Clerk Date

SITE MANAGER SUMMARY REPORT

Facility ID# 139501753
Facility Name: North Bay Village City-City Hall
Facility Address: 7903 East Dr
North Bay Village

Discharge 1

Lead Agency: LP
Score: 11
Technical Status NREQ

Oculus indicates that a discharge was reported 1/95 in response to the discovery of an abandoned UST. Groundwater sampling was conducted 5/95. DERM issued a letter 6/6/95 indicating that there was no longer an obligation to conduct further site investigation at the site. Discharge was granted Cleanup Not Required status 1/12/09.

LCAR Needed No
Discharge Date: 1/12/95
Program: ATRP
Eligibility Status: Eligible
Determination Date: 7/26/95
Discharge Combined: No
Funding Cap: No Cap
Deductible Amount: \$500
Deductible Paid: No

Work was completed voluntarily by the owner/RP. Therefore, there is no requirement for payment of the deductible.

AMOUNT SPENT

State Cleanup	\$0
Utility Invoices	\$0
NPDES Permits	\$0
Reimbursement	\$0
Preapproval	\$0

CAP AMOUNT REMAINING No Cap

SEE ATTACHED STCM REPORT SCREEN

Final file review

REVIEWED BY York Risk Services Group, Inc.
REVIEWER Ron Bork
DATE 9/14/13

Task Report Information

Del. #	W.O. #	Co	Facility *	Discharge Date *	Task Name *	Report Type *	Due Date	Received	Status & Date	Comment
		13	9601753	01/12/1995	SA	LETTER	05/31/1995	05/31/1995	A 06/06/1995	

Tab to 'Comment', then press [Ctrl+E] to enter Comments.



York Risk Services Group, Inc.

1310 Cross Creek Circle, Suite B
Tallahassee, FL 32301-3728
Tel 850. 224.2599
Fax 850.224.3388
www.yorkrsg.com

THE STRENGTH OF YORK
Experience, Leadership and Integrity

To: **Jeff Priddle**
From: **Ron Bork** *[Signature]*
Date: **9/23/13**
Re: **Facility ID # 139501853**

As of 9/23/13 the following documents could not be located by the local program county. We are unable to determine where a copy of these documents may reside.

Discharge Reporting Form for the discharge dated 1/12/95

Document Request Form

Person Requesting: Ron Bork
Date Requested: 9/16/13 UT- 4672
Facility ID#: 139501753 12106
Facility Name: North Bay Village—City Hall
Requested From: Chris Caporale caporc@miamidade.gov

Document Requested

REPORTS:

Groundwater Sampling Report dated 5/18/95 (received 5/31/95) found!

LETTERS:

Discharge Reporting Form for the discharge dated 1/12/95 Not found
ATRP Eligibility Decision Letter dated 7/26/95 found!

Received from DEEM
9/23/13

Send to:

Kristin Miller
York Risk Services, Inc.
1310-B Cross Creek Cir
Tallahassee FL 32301

Bork, Ron

From: Miller, Kristin
Sent: Monday, September 23, 2013 1:55 PM
To: Bork, Ron
Subject: FW: Document Request For 139501753
Attachments: Ut-4672.pdf; reports- groundwater sampling 5-18-95.pdf; Letters- ATRP 7-26-95.pdf

Kristin Miller
Environmental Specialist II

850.671.6351 **office**
850.224.3388 **fax**

York Risk Services Group
1310 Cross Creek Circle
Suite B
Tallahassee, FL 32301



From: Caporale, Chris (RER) [<mailto:CaporC@miamidade.gov>]
Sent: Monday, September 23, 2013 12:42 PM
To: Miller, Kristin
Subject: Document Request For 139501753

Kristin,
Attached please find the documents requested for 139501753.

Christopher Caporale, Manager
Records Management Section
Miami-Dade Department of Regulatory and Economic Resources
Division of Environmental Resources Management (DERM)
Overtown Transit Village
701 NW 1st Court, 3rd Floor, Miami, Florida 33136
(305) 372-6715
www.miamidade.gov/economy
"Delivering Excellence Every Day"

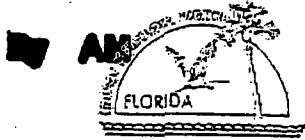
Clear Channel Comm WIOD-AM

Address: 1415 NE 79th St North Bay Village, FL 33141

Facility ID: 9200817; Discharge ID: 25977;

DERM ID: 1999090507091809

SEP 14 '04



Florida Department of Environmental Protection
Twin Towers Office Bldg. • 2600 Blair Stone Road • Tallahassee, Florida 32399-2400

Storage Tank Facility Registration Form

DEP Form # 62-761.900(2)
Form Title: Storage Tank Registration Form
Effective Date: July 11, 1999
DEP Application No. _____
(Filled in by DEP)

Submit a completed form for the facility when registration of storage tanks or compression vessels is required by Chapter 378.303, Florida Statutes

Please review Registration Instructions before completing the form.

#9200817

Please check all that apply	<input type="checkbox"/> New Registration	<input checked="" type="checkbox"/> New Owner	<input checked="" type="checkbox"/> New Tanks
	<input checked="" type="checkbox"/> Facility Info Update/Correction	<input checked="" type="checkbox"/> Owner Info Update/Correction	<input type="checkbox"/> Tank Info Update/Correction

A. FACILITY INFORMATION

County: MIAMI-DADE DEP Facility ID: 9200817

Facility Name: CLEAR CHANNEL PROPERTY (WIOD/WFLC)
 Facility Address: 1401 79 ST. CSWY. City: NORTH BAY VILL. Zip: 33141
 Facility Contact: ADAM WANNAUGH Business Phone: (954) 862-3203
 Facility Type(s): C NAICS Code: _____ Financial Responsibility: _____

24 Hour Emergency Contact: _____ Emergency Phone: _____

B. RESPONSIBLE PERSON INFORMATION - Identify Individual(s) or Business(es) responsible for storage tank management, fueling operations, and/or cleanup activities at the facility location named above. Provide additional information in an attachment if necessary.

Name: <u>CLEAR CHANNEL COMMUNICATIONS, INC.</u>	Facility - Responsible Person Relation Type:	Effective Date
Mail address: <u>409 PINE GLEN LANE</u>	<input checked="" type="checkbox"/> Facility Account Owner (pays fees)	
City, ST, Zip: <u>GREEN ACRES, FL 33463</u>	Facility Account Owner information must be provided when the facility contains active (in-use) storage tanks on site.	
Contact: <u>ADAM WANNAUGH</u>		
Telephone: <u>954-862-3203/305-796-2512</u>	STCM Account Number (if known):	
Identify other appropriate facility relationships for this party:	<input checked="" type="checkbox"/> Facility Owner/Operator	<input type="checkbox"/> Property Owner <input checked="" type="checkbox"/> Storage Tank Owner <u>56823</u>

Name:	Other owner, relationship type(s)	Effective Date
Mail address:	<input type="checkbox"/> Facility Owner/Operator	
City, ST, Zip:	<input type="checkbox"/> Property Owner	
Contact:	<input type="checkbox"/> Storage Tank Owner	
Telephone:	<input type="checkbox"/> Other:	

C. TANK/VESSEL INFORMATION - Complete one row for each storage tank or compression vessel system located at this facility.

Tank ID	T/V	A/U	Capacity	Installed	Content	Status/Effective Date	Construction	Piping	Monitoring
<u>2</u>	<u>T</u>	<u>A</u>	<u>1000</u>	<u>01-01-99</u>	<u>G</u>	<u>U 01-01-99</u>	<u>CIMO</u>	<u>ABE</u>	<u>Q</u>

Certified Contractor (performing tank installation or removal): _____ OBPR License No. _____

Registration Certification: To the best of my knowledge and belief, all information submitted on this form is true, accurate, and complete.
ROBERT J HER, Insp. I Robert J Her 8-31-04
 Printed Name & Title Signature Date

- DEP 62-761.900(2)
- Northwest District: 180 Governmental Center Blvd., Pensacola, FL 32501, 850-395-8360
 - Northeast District: 7825 Baymeadows Way, Suite 3200, Jacksonville, FL 32256, 904-448-4300
 - Central District: 1319 Maguire Blvd., Suite 232, Orlando, FL 32803, 407-394-7553
 - Southwest District: 3804 Coconut Palm Drive, Tampa, FL 33619, 813-744-6100
 - Southeast District: 400 North Congress Ave., Ft. Palm Beach, FL 33416, 561-681-6600
 - South District: 2295 Victoria Ave., Suite 264, Fort Myers, FL 33901, 941-332-6975
 - Marathon Branch Office: 2796 Overseas Hwy., Suite 221, Marathon, FL 33050, 305-299-2310



Florida Department of Environmental Protection
Twin Towers Office Bldg. 2600 Blair Stone Road. Tallahassee, Florida 32399-2400
Division of Waste Management
Bureau of Petroleum Storage Systems
Storage Tank Facility Annual Site Inspection Report

Facility Information

Facility ID: 9200817 County: MIAMI-DADE Inspection Date: 07/28/2006
Facility Name: CLEAR CHANNEL COMM WIOD-AM Facility Type: C - Fuel user/Non-retail
Latitude: 25° 50' 59.3156" # Of Inspected ASTs: 1
Longitude: 80° 9' 19.1836" USTs: 0
L/L Method: DPHO Mineral Acid Tanks: 0

Inspection Result

Result : In Compliance
Description: Facility is in compliance
No re-inspection needed for this Facility.

Financial Responsibility

Financial Responsibility: Insurance
Insurance Carrier: Commerce & Industry
Effective Date: 12/15/2005 Expiration Date: 12/15/2006

Signatures

TKDERM - MIAMI - DADE DEPT OF ENVIRONMENTAL
RESOURCE MGMT
Storage Tank Program Office

ROBERT SHER

Inspector Name

Inspector Signature

(305) 372-6700

Storage Tank Program Office Phone Number

Peter Vernaglia

Facility Representative Name

No signature available

Facility Representative Signature

Inspection Comments

07/28/2006 State Placard, Cfr, Monthly Visual Logs, All Current; Ast And Aboveground Piping Were In Good Condition (No Corrosion Or Damage); Level Gauge, Leak Gauge, Overfill Conainment, Isolation Valves, Were All In Place And Properly Maintained; Facility Diagram Is Available In Derm'S Edms.

Inspection Attachments

AST (piping is running along garage wall).





DEPARTMENT OF THE ARMY
 JACKSONVILLE DISTRICT CORPS OF ENGINEERS
 P. O. BOX 4970
 JACKSONVILLE, FLORIDA 32232-0019



REPLY TO
 ATTENTION OF

November 5, 1998

Programs and Project Management Division
 Support for Others Branch

Ms. Anne Sinclair
 Florida Department of Environmental Protection
 Storage Tank Registration Section
 2600 Blairstone Road
 Twin Towers Office Building
 Tallahassee, Florida 32399-2400

Dear Ms. Sinclair:

The U.S. Army Corps of Engineers intends to remove three (3) Underground Storage Tanks (UST) for the Federal Emergency Management Agency (FEMA) throughout Florida. These tanks contained fuel used to power auxiliary generators which provided power to radio transmitter equipment. The project sites are located in Miami, Gainesville, and Cantonment, Florida.

In accordance with U.S. Environmental Protection Agency Regulations contained in 40 CFR Parts 280 and 281 and Florida Administrative Code Chapter 62-761.450, we are serving notice at least 30 days prior to removing these USTs, which are described below.

a. Remote transmitter site for radio station WCOA, Cantonment, Florida: One 2,000 gallon UST is scheduled for permanent closure and removal.

b. Transmitter site for radio station WRUF, Gainesville, Florida: One 2,000 gallon UST is scheduled for permanent closure and removal.

c. Transmitter site for radio station WIOD, Miami, Florida: One 3,000 gallon UST is scheduled for permanent closure and removal.

One set of the plans and specifications is provided for your information. The location of each tank is shown on the enclosed plans. The tanks are being removed as the radio stations are no longer a part of FEMA's emergency broadcast system.

25509

9200595

9200599

9200817

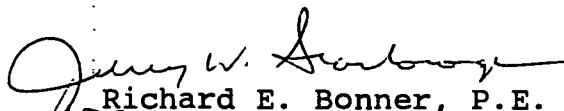
98 NOV 10 12:19
 RECEIVED
 REGULATORY

We plan to initiate closure and removal of these three USTs following the mandatory 30-day period established by regulations. At the present time, we are awaiting a cost proposal from the contractor. Once the contract has been executed and a work schedule established, we will notify you of the specific days work is planned.

By separate correspondence, officials of the county where each of the stations is located are being notified and provided with two set of the plans and specifications.

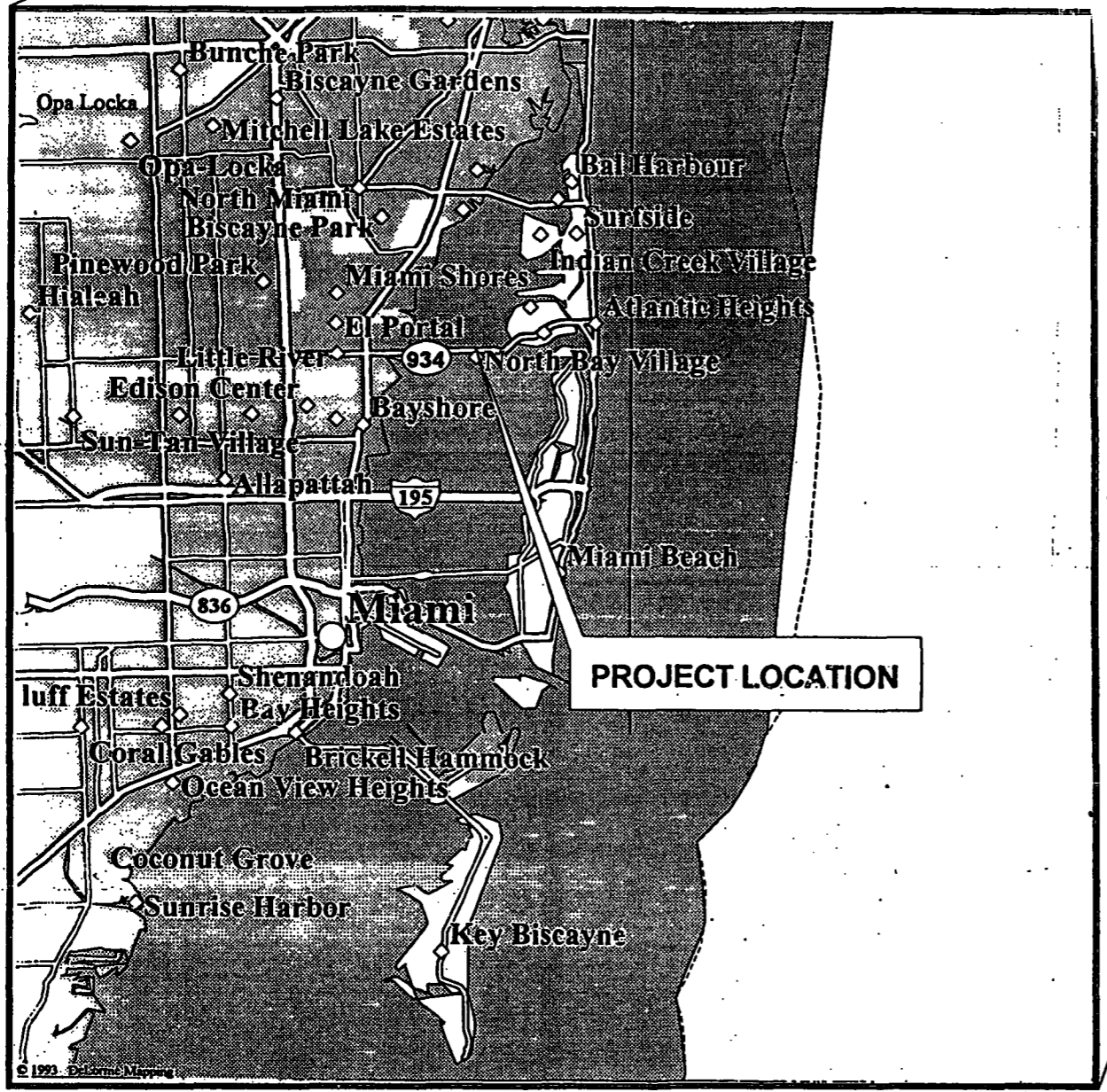
If you require any further information or assistance regarding this project, please contact Mr. Stan A. Kinmonth, Project Manager, at 904-232-1113.

Sincerely,

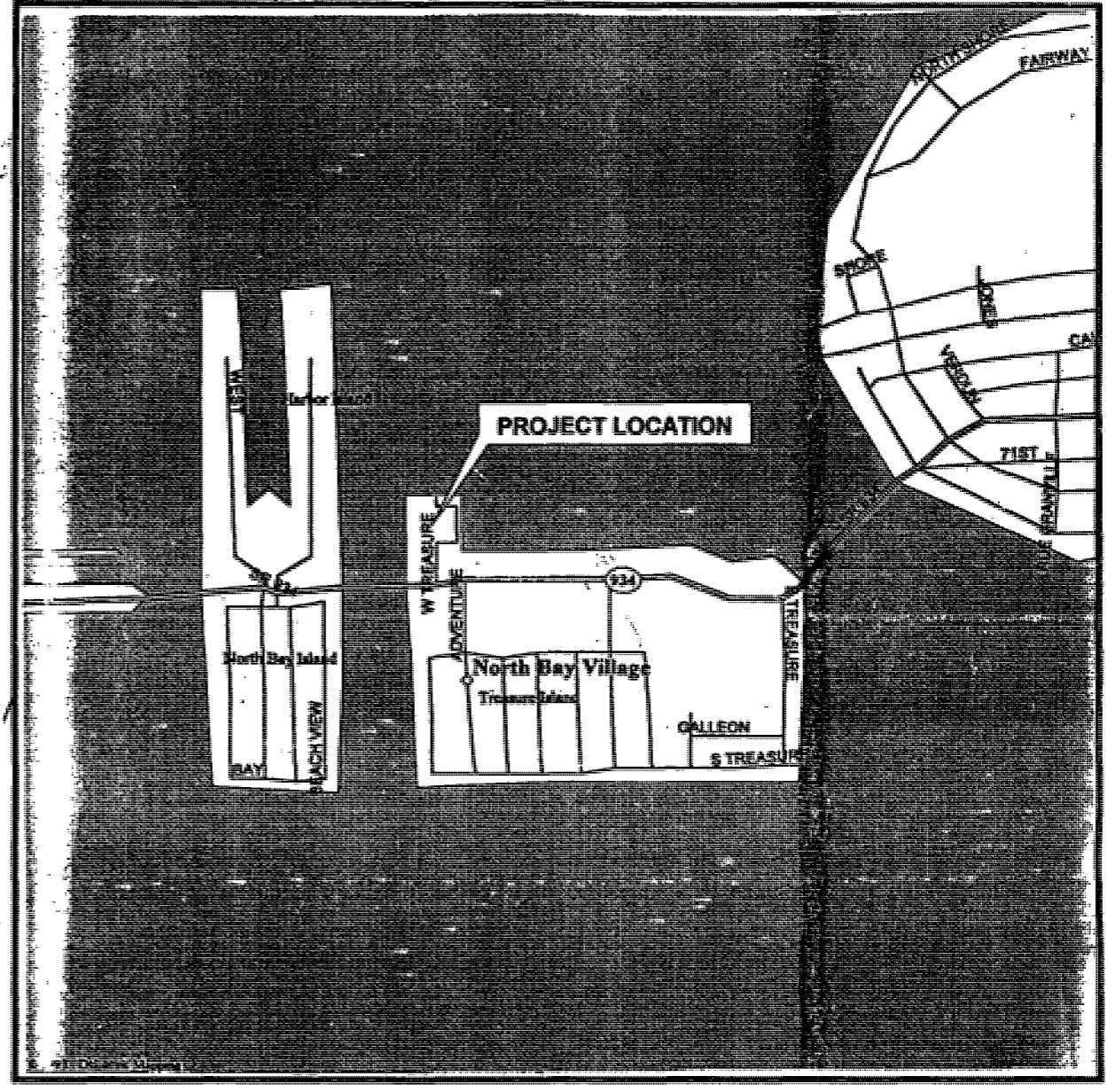

Richard E. Bonner, P.E.
Deputy District Engineer
for Project Management

Enclosures

REVISIONS			
NO.	DATE	DESCRIPTION	APPROVED



RADIO STATION WIOD VICINITY MAP



RADIO STATION WIOD LOCATION MAP

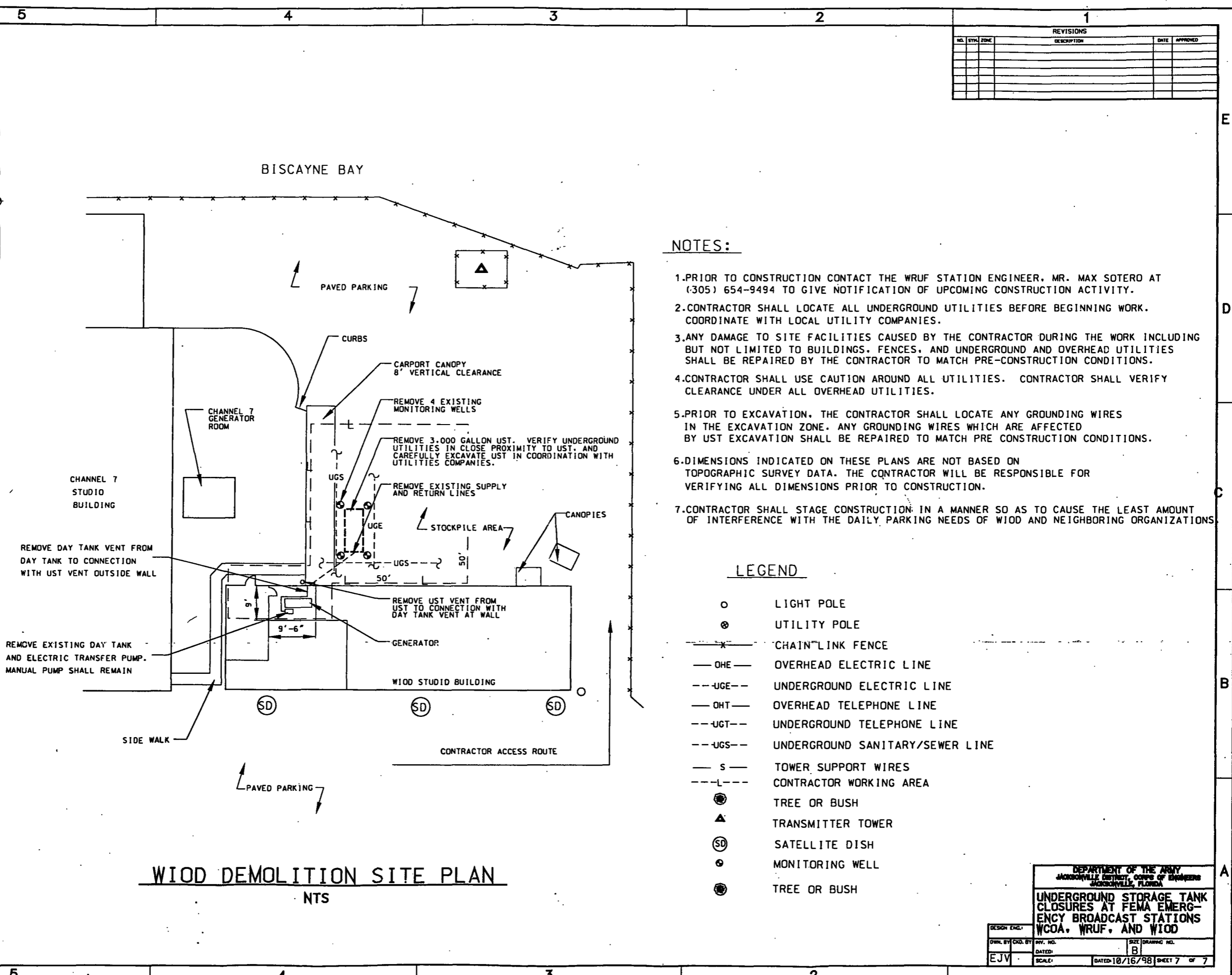
STATION WIOD, MIAMI, FLORIDA

DEPARTMENT OF THE ARMY
 JACKSONVILLE DISTRICT, CORPS OF ENGINEERS
 JACKSONVILLE, FLORIDA

UNDERGROUND STORAGE TANK
 CLOSURES AT FEMA EMERGENCY
 BROADCAST STATIONS
 WCOA, WRUF, AND WIOD

DESIGN ENG.	REV. NO.	SIZE	DRAWING NO.
EJV		B	
DATE	DATE	DATED 10/16/98 SHEET 4 OF 7	
SCALE			

REVISIONS				
NO.	SYMBOL	DESCRIPTION	DATE	APPROVED



NOTES:

1. PRIOR TO CONSTRUCTION CONTACT THE WRUF STATION ENGINEER, MR. MAX SOTERO AT (305) 654-9494 TO GIVE NOTIFICATION OF UPCOMING CONSTRUCTION ACTIVITY.
2. CONTRACTOR SHALL LOCATE ALL UNDERGROUND UTILITIES BEFORE BEGINNING WORK. COORDINATE WITH LOCAL UTILITY COMPANIES.
3. ANY DAMAGE TO SITE FACILITIES CAUSED BY THE CONTRACTOR DURING THE WORK INCLUDING BUT NOT LIMITED TO BUILDINGS, FENCES, AND UNDERGROUND AND OVERHEAD UTILITIES SHALL BE REPAIRED BY THE CONTRACTOR TO MATCH PRE-CONSTRUCTION CONDITIONS.
4. CONTRACTOR SHALL USE CAUTION AROUND ALL UTILITIES. CONTRACTOR SHALL VERIFY CLEARANCE UNDER ALL OVERHEAD UTILITIES.
5. PRIOR TO EXCAVATION, THE CONTRACTOR SHALL LOCATE ANY GROUNDING WIRES IN THE EXCAVATION ZONE. ANY GROUNDING WIRES WHICH ARE AFFECTED BY UST EXCAVATION SHALL BE REPAIRED TO MATCH PRE CONSTRUCTION CONDITIONS.
6. DIMENSIONS INDICATED ON THESE PLANS ARE NOT BASED ON TOPOGRAPHIC SURVEY DATA. THE CONTRACTOR WILL BE RESPONSIBLE FOR VERIFYING ALL DIMENSIONS PRIOR TO CONSTRUCTION.
7. CONTRACTOR SHALL STAGE CONSTRUCTION IN A MANNER SO AS TO CAUSE THE LEAST AMOUNT OF INTERFERENCE WITH THE DAILY PARKING NEEDS OF WIOD AND NEIGHBORING ORGANIZATIONS.

LEGEND

- LIGHT POLE
- ⊗ UTILITY POLE
- x— CHAIN LINK FENCE
- OHE— OVERHEAD ELECTRIC LINE
- UGE--- UNDERGROUND ELECTRIC LINE
- OHT--- OVERHEAD TELEPHONE LINE
- UGT--- UNDERGROUND TELEPHONE LINE
- UGS--- UNDERGROUND SANITARY/SEWER LINE
- s — TOWER SUPPORT WIRES
- L--- CONTRACTOR WORKING AREA
- TREE OR BUSH
- ▲ TRANSMITTER TOWER
- ⊙ SD SATELLITE DISH
- ⊙ MONITORING WELL
- TREE OR BUSH

WIOD DEMOLITION SITE PLAN
NTS

DEPARTMENT OF THE ARMY
JACKSONVILLE DISTRICT, CORPS OF ENGINEERS
JACKSONVILLE, FLORIDA

UNDERGROUND STORAGE TANK CLOSURES AT FEMA EMERGENCY BROADCAST STATIONS WCOA, WRUF, AND WIOD

DESIGN ENCL:	REV. NO.	SIZE	DRAWING NO.
DRAWN BY: EJV	DATE: 10/16/98	B	
SCALE:	SHEET 7 OF 7		

SUBSYSTEMS



FIDEP ID 139200817

Order No. AE48B5

Version Number: 1
Internal Version: false
Issued on Mon, 25 Jan, 2016
Created on Mon, 25 Jan, 2016 by Ariba System

TASK 1 - 3/25/16
TASK 2 - 7/25/16
TASK 3 - 10/3/16
END Pgs - 11/30/16

Supplier:
American Environmental Engineering of Florida, Inc.
100 S. Pine Island Road, Suite 108
Plantation, FL 33324
United States
Phone: 1954-236-4290
Fax: 1954-236-4440
Contact: Alireza Malek

Ship To:
DEP-PETROLEUM RESTORATION PROGRAM
BMC RM 420 MS 4575
2600 BLAIR STONE RD
TALLAHASSEE, FL 32399
United States

Deliver To:
Zachary Bamman (Contracts)

Bill To:
DEP-PETROLEUM RESTORATION PROGRAM
BMC RM 420 MS 4575
2600 BLAIR STONE RD
TALLAHASSEE, FL 32399
United States

Entity Description: Department of Environmental Protection
Organization Code: 37450404555
Object Code: 000000-139900
Expansion Option: JG
Exemption Status: No
Exemption Reason?:

Item	Description	Part Number	Unit	Qty	Need By	Unit Price	Extended Amount
1	Contractor has been selected to perform a Low...		Dollar	10,842.3	None	\$1.00000 USD	\$10,842.30000 USD

Contractor has been selected to perform a Low Score Assessment (LSA) at Clear Channel COMM WIOD-AM, 1415 NE 79th St, North Bay Village, Miami-Dade County, Florida, FAC ID 139200817. Attachment A, Scope of Work, attached to the purchase order (PO) describes the work to be completed by the Contractor. All work shall be performed in accordance with the terms of the Agency Term Contract (ATC). The PRP reference number for this project is 837-025A.

Attache d hereto and made a part of this PO is Attachment B - Schedule of Pay Items and Other Related Documents. Pay Items are at or below the negotiated maximum rates included in the ATC. Contractor must submit the appropriate completed documents from Attachment B to the Site Manager with each deliverable, as instructed. Upon completion and approval of all work under this PO, Contractor shall submit a signed Release of Claims document, along with the final invoice. Contractor must include Subcontractor Utilization Report form, included as a tab on Attachment B, with each invoice.

The Department will retain 10% of the total amount of each payment made. Contractor may submit a request for release of retainage upon completion, and DEP approval of, all work performed under this PO.

The Department will evaluate the Contractor as specified in the Agency Term Contract.

The Contractor agrees to perform the services described in the PO in accordance with the terms of its ATC (as those terms may have been amended) which are in effect on date of issuance of the PO. The applicable ATC terms are available at the following URL:

<https://facts.fl dfs.com/Search/Contr actDetail.aspx?Agenc yId=370000&ContractI d=GC837>

Distributors?: N
Requester: Zachary Bamman (Contracts)
Ship To Code: DEP305S
State Contract ID:
Contract ID:
Requester Phone:
PR No.: PR9220937
MyGreenFlorida Content: N
Method of Procurement: J - Agency ITN [s 287.057(1) (c), F.S.]
Shipping Method: Best Way
FOB Code: INC-Dest
FOB Code Description: Destination freight paid by vendor and included in price. Title passes upon receipt. Vendor files any claims.
Encumber Funds: Yes
PO Start Date: Mon, 25 Jan, 2016

PO End Date: Wed, 30 Nov, 2016
Fiscal Year Indicator: 2016
PU#: 3701
Site Code: 370000-12
Terms and Conditions: http://dms.myflorida.com/mfmp_PO_TC
P Card Order?: No

Total	\$10,842.30000
	USD

Comments

- Shoun Riley (Contracts), 01/15/2016:
The following attachments are attached hereto and made a part of this Purchase Order.

Attachment A – Scope of Work
Attachment B – Schedule of Pay Items and Other Related Documents (Shoun Riley (Contracts), Fri, 15 Jan, 2016)
- Lauren Mackey (Contracts), 01/22/2016:
PRP ref # 837-025A (Lauren Mackey (Contracts), Fri, 22 Jan, 2016)
- Gwenn Godfrey (Contracts), 01/25/2016:
Note: Attachment B language appearing in upper right-hand corner titled "Less Surcharge" is used by the program to identify the total cost less the 6% handling and MFMP fee on reimbursable items. This information is only used as a check point for PRP staff. The total PO amount for the project is the amount appearing in the "Total Extended Cost" section in the upper right-hand side of the spreadsheet. (Gwenn Godfrey (Contracts), Mon, 25 Jan, 2016)

Attachments

- ATTACHMENT by Shoun Riley (Contracts) on Friday, January 15, 2016 at 2:32 PM
Site Access Agreement - 139200817.pdf (170367 bytes)
- ATTACHMENT by Shoun Riley (Contracts) on Friday, January 22, 2016 at 7:16 AM
Attachment A - LSA - Scope of Work - 139200817.pdf (174939 bytes)
- ATTACHMENT by Shoun Riley (Contracts) on Friday, January 22, 2016 at 7:17 AM
Attachment B - Schedule of Pay Items & Other Related Documents - 139200817.xlsm (1371789 bytes)

**Attachment A
Petroleum Restoration Program
Scope of Work**

FDEP Facility ID Number: 139200817

STCM Facility Name: CLEAR CHANNEL COMM WIOD-AM

SubPhase(s): LSA

Specifications

All work must be performed in accordance with this Scope of Work (SOW) and any attachments, Chapters 62-160, 62-532, 62-777 and 62-780, F.A.C., all applicable FDEP and Water Management District guidance memoranda, standard industry procedures and as described in the Agency Term Contract (ATC).

Copies of all referenced guidelines are available at:

<http://www.dep.state.fl.us/waste/categories/pcp/default.htm>

Reports must be submitted using the appropriate FDEP forms found at:

http://www.dep.state.fl.us/waste/categories/pcp/pages/pg_documents.htm

Task 1 Description:	Conduct a File Review and Prepare a Health and Safety Plan.
Task 1 Deliverable:	Health & Safety Plan and Historical Summary Worksheet
Task 1 Deliverable Due Days:	60
Task 2 Description:	Install MWs and collect groundwater samples per the attached SB and Well Installation Table, Soil and Air Sampling Table, Water Sampling Table and Figure 1 (Site Map). Collect OVAs during installation. Be advised that SB-2 (0-2') shall be installed via hand auger.
Task 2 Deliverable:	Interim Assessment Report to include Field Notes, Plume Maps, Tables, Lab Reports, and recommendation for further assessment, as warranted.
Task 2 Deliverable Due Days:	180
Task 3 Description:	Prepare a General Site Assessment Report in accordance with Ch.62-780, FAC. In the template site assessment format, including the Site Screening Information tab of the Site Screening Workbook (located at http://www.dep.state.fl.us/waste/categories/pcp/pages/screening.htm).
Task 3 Deliverable:	General Site Assessment Report
Task 3 Deliverable Due Days:	250
PO End Days: 310	

Schedule of Pay Items (SPI)

All unit rates and extended prices for all line item costs associated with this project are provided in the SPI [Attachment B to this Purchase Order (PO)] and shall not exceed the rates established in the ATC.

Requests for Change (RFC)

All requests for changes to the SOW must be submitted in writing and be approved in writing by the FDEP/LP using the RFC form in accordance with paragraphs 2.A and 26 of the ATC and can be found at:

<http://www.dep.state.fl.us/waste/categories/pcp/pages/templates.htm>

Any change which results in an extension of the PO end date, or a change in quantities or costs, requires that a PO Change Order be formally issued prior to performance of the revised SOW. Any change to deliverable due dates only, that does not result in the extension of the PO end date, submitted on an RFC and accepted by the FDEP/LP Site Manager will not require the issuance of a PO Change Order. A copy of the signed RFC must be submitted with any invoice for payment.

Attachment A
Petroleum Restoration Program
Scope of Work

FDEP Facility ID Number: 139200817

STCM Facility Name: CLEAR CHANNEL COMM WIOD-AM

Performance Measures

The FDEP/LP Site Manager will review the submitted documentation to confirm that all work was performed in accordance with the Specifications referenced above. The FDEP/LP Site Manager will notify the Contractor of acceptance or any deficiencies in the work and/or deliverables. The Contractor will be given an opportunity to remedy deficiencies at no additional cost to the FDEP.

The FDEP/LP Site Manager will review the work and/or deliverables within the timeframes established in FDEP guidance documents. The Contractor will respond to any comments to complete the work and/or deliverables within the timeframe established in the comment letter or email correspondence.

Invoicing, Payments and Financial Consequences

The Contractor may submit an invoice for a Task upon written notification of acceptance of the work/deliverables by the FDEP/LP Site Manager. Upon receipt of FDEP/LP written approval of the required documentation for completed portions of each task, the Contractor must submit an invoice. Invoices for completed work may be submitted no more frequently than every thirty (30) days, or upon completion of the individual tasks as specified. Each invoice request must contain all documentation of performance as specified in the ATC, this Purchase Order (PO), and its attachments.

Failure to provide all deliverables, failure to provide deliverables which are satisfactory or failure to meet the specified deliverable timetables, shall result in non-payment, loss of retainage, or other financial consequences, and/or termination of the PO, as specified in the ATC. If the deliverable due day occurs on a weekend, state holiday, or federal holiday the deliverable will be due the following business day.

Retainage shall be withheld in the amount of 10%, unless otherwise noted in the SPI, from each payment by the FDEP/LP until completion and approval of all Tasks. The Contractor shall submit a Release of Claims and request for retainage payment with the final invoice. Payment of retainage will be reduced by the amount of any assessed financial consequences.

Notice of Field Activities

The Contractor must provide written notification (emails are acceptable) of field activities at least seven (7) calendar days prior to the commencement of work to all applicable parties including the PRP site manager, PRP Inspector (PRP_Inspector@dep.state.fl.us), site operator, site owner, RP and affected off-site property owners.

Florida Department of Environmental Protection - Petroleum Restoration Program

FDEP Facility ID#: 139200817

STCM Facility Name: CLEAR CHANNEL COMM WIOD-AM

Any blank fields are not applicable to the scope of work.

WATER SAMPLING TABLE																		
Task #	Well #(s) or Water Sample Location	Frequency (if applicable)	Water Level/FP Gauging Only	(9-27.) BTEX + MTBE	(9-30.) PAHs	(9-36.) TRPH (FL PRO)												
2	MW-1			1	1	1												
2	MW-2			1	1	1												
2	SPLP for Soil			1	1													
Task 2 Subtotal			0	3	3	2	0	0	0	0	0	0	0	0	0	0	0	0
GRAND TOTALS			0	3	3	2	0	0	0	0	0	0	0	0	0	0	0	0

Florida Department of Environmental Protection - Petroleum Restoration Program

FDEP Facility ID#: 139200817

STCM Facility Name: CLEAR CHANNEL COMM WIOD-AM

Any blank fields are not applicable to the scope of work.

SOIL and AIR SAMPLING TABLE																		
Task #	Soil /Air Sample Locations	Frequency (if applicable)	Depth Interval (if applicable)	(9-2.) BTEX + MTBE	(9-5.) PAHs	(9-8.) TRPH (FL PRO)	(9-8.a.) TRPH Fractionation	(9-16.) SPLP-Extraction Only										(8-14.) Encore Sampler
2	SB-1		Above WT	1	1	1												
2	SB-2		(0-2')	1	1	1												
2	Estimated SPLP + Fractionation						1	2										1
2	Preburn			1	1	1												
Task 2 Subtotal				3	3	3	1	2	0	0	0	0	0	0	0	0	0	1
GRAND TOTALS				3	3	3	1	2	0	0	0	0	0	0	0	0	0	1

Florida Department of Environmental Protection - Petroleum Restoration Program

FDEP Facility ID#: 139200817

STCM Facility Name: CLEAR CHANNEL COMM WIOD-AM

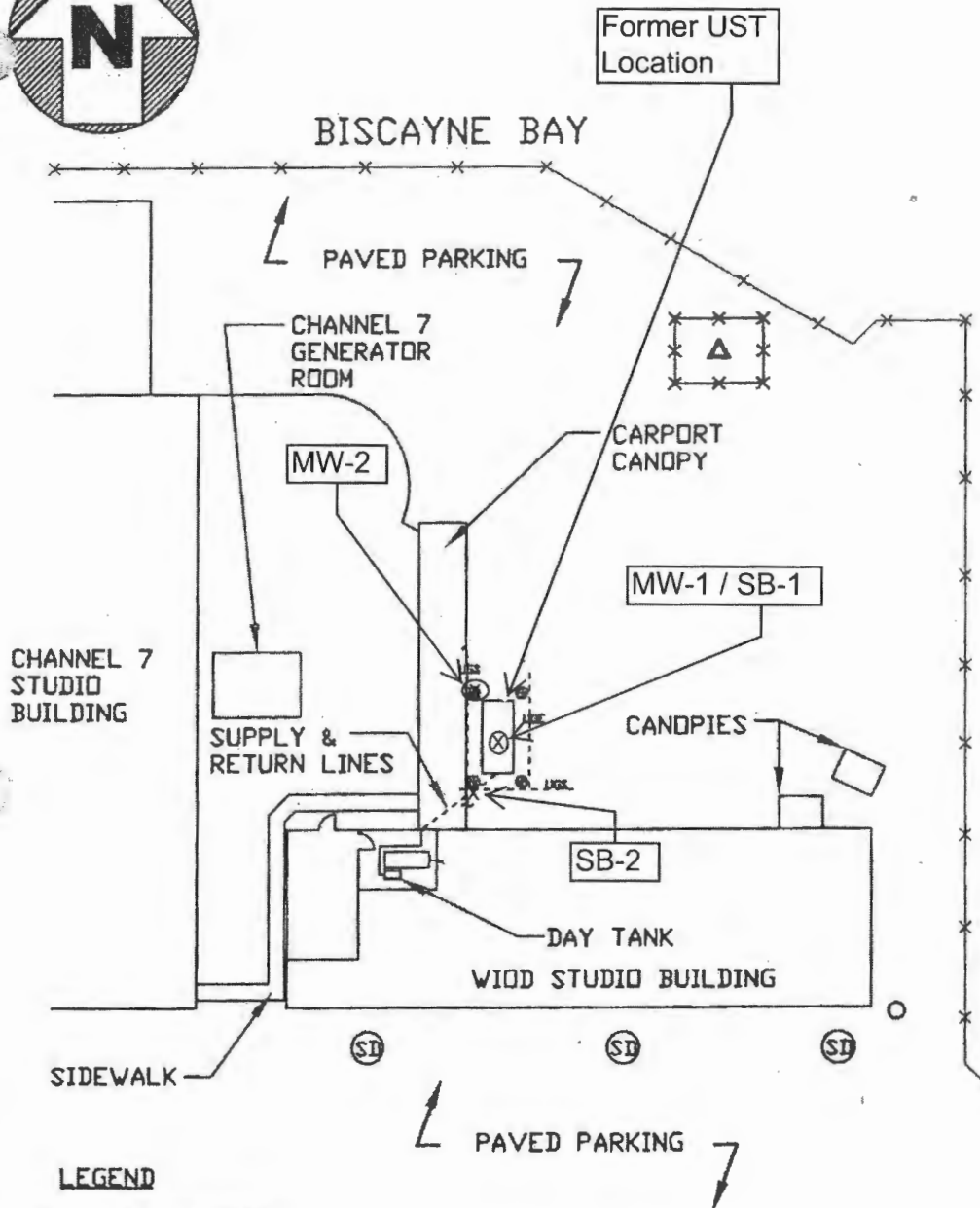
Any blank fields are not applicable to the scope of work.

SOIL BORING (SB) and WELL INSTALLATION TABLE																		
SOIL BORING DETAILS					Screening/Split Spoon Intervals			WELL INSTALLATION DETAILS										
TASK #	Installation Method	Quantity	Depth (ft bls)	Total Boring Footage (ft)	Screening Depth Interval 1 & Spacing	Screening Depth Interval 2 & Spacing	Screening Depth Interval 3 & Spacing	Quantity	Well Type	Well Diameter (in)	Depth (ft bls)	Screen Interval (ft bls)	Total Well Footage (ft)	Surface Casing Diameter (in)	Surface Casing Depth (ft)	Total Casing Footage (ft)	Well Completion Type	
2	HSA/MR	1	8	8	0-8' @ 2'			1	MW	2	14	4'-14'	14			0	8" MH	
2	Hand Auger	1	2	2	0-2' @ 2'								0			0		
2				0				1	MW	2	14	4'-14'	14			0	8" MH	
TOTALS				10										28			0	

Petroleum Contamination Site Response Action Services
SCHEDULE OF PAY ITEMS WORKSHEET

Facility Name: CLEAR CHANNEL COMM WIOD-AM
 7-Digit Facility ID #: 9200817
 County: 13
 Region: South
 Site Manager Name: ZACHARY BAMMAN
 Site Manager Phone: (305)372-6795
 Site Manager Email: Zachary.Bamman@miamidade.gov

PAY ITEM	DESCRIPTION	UNIT OF MEASURE	CONTRACTED ITEM PRICE	NEGOTIATED ITEM PRICE	TOTAL QUANTITIES	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
						TASK 1 QUANT.	TASK 2 QUANT.	TASK 3 QUANT.	TASK 4 QUANT.	TASK 5 QUANT.	TASK 6 QUANT.	TASK 7 QUANT.	TASK 8 QUANT.	TASK 9 QUANT.	TASK 10 QUANT.
1-1.	File Review	Per Review	\$ 450.00	\$ 450.00	1	1									
1-2.	Site Health & Safety Plan	Per Site	\$ 350.00	\$ 350.00	1	1									
1-4.	Permit Fees (actual fee only, cost to obtain permit is included in applicable pay items)	Reimbursable*	\$ 1.00	\$ 1.00	105		105								
1-7.	6% Handling Fee for Cost Reimbursable Items	% Surcharge	\$ 0.06	\$ 0.06	105	0	105	0	0	0	0	0	0	0	0
3-1.	Mobilization, Light Duty Vehicle (car or 1/2 ton truck) - ≤ 100 miles each way	Per Round Trip	\$ 300.00	\$ 300.00	2		2								
3-9.a.	Drill Rig and Support Vehicles Mobilization (hollow stem auger, mud rotary or sonic) - ≤ 100 miles each way	Per Round Trip	\$ 1,000.00	\$ 1,000.00	1		1								
5-1.a.1.	Split Spoon Sampling – 2 foot (during boring) < 50 feet	Per Spoon	\$ 35.50	\$ 35.50	4		4								
5-2.	Hand Auger Boring ≤ 10 foot total depth	Per Boring	\$ 110.00	\$ 110.00	1		1								
5-9.	HSA or MR Boring, > 6 to 10 inch diameter, < 50 foot total depth	Per Foot	\$ 22.00	\$ 22.00	28		28								
6-2.a.	Well Installation - 2 inch diameter (vertical)	Per Foot	\$ 35.00	\$ 35.00	28		28								
8-1.	Monitoring Well Sampling with Water Level, ≤ 100 foot depth	Per Well	\$ 250.00	\$ 250.00	2		2								
8-6.	Soil/Sediment Sample Collection	Per Sample	\$ 35.00	\$ 35.00	3		3								
8-11.	Electronic Data Deliverables (EDD)	Per Sampling Event	\$ 50.00	\$ 50.00	2		2								
8-14.	Encore (25 gram) for SPLP Soil Sample Collection: [Per Encore]. The cost will include the 25 gram Encore samples submitted to the laboratory for SPLP testing and the 25 gram Encore samples collected in the field but not submitted to the laboratory for testing (discarded).	Per Sample	\$ 20.00	\$ 20.00	1		1								
9-2.	Soil, BTEX + MTBE (EPA 8021 or EPA 8260)	Per Sample	\$ 40.00	\$ 40.00	3		3								
9-5.	Soil, Polycyclic Aromatic Hydrocarbons (EPA 8270 or EPA 8310)	Per Sample	\$ 80.00	\$ 80.00	3		3								
9-8.	Soil, Total Recoverable Petroleum Hydrocarbons (FL-PRO)	Per Sample	\$ 60.00	\$ 60.00	3		3								
9-8.a.	Soil, TRPH Fractionation (MADEP-EPH/MPH Method or TPHCWG Direct Method)	Per Sample	\$ 205.00	\$ 205.00	1		1								
9-16.	Soil, Synthetic Precipitation Leaching Procedure-Extraction Only (EPA1312)	Per Sample	\$ 48.00	\$ 48.00	2		2								
9-27.	Water, BTEX + MTBE (EPA 602, EPA 624, EPA 8021 or EPA 8260)	Per Sample	\$ 39.00	\$ 39.00	3		3								
9-30.	Water, Polycyclic Aromatic Hydrocarbons, including 1-methylnaphthalene + 2-methylnaphthalene (EPA 810 [HPLC], EPA 625, EPA 8270 or EPA 8310)	Per Sample	\$ 80.00	\$ 80.00	3		3								
9-36.	Water, Total Recoverable Petroleum Hydrocarbons (FL-PRO)	Per Sample	\$ 60.00	\$ 60.00	2		2								
12-6.	Transport and Disposal of Petroleum Impacted Soil (includes drum)	Per Drum	\$ 190.00	\$ 190.00	1		1								
12-13.	Transport and Disposal of Petroleum Contact Water (includes drum)	Per Drum	\$ 200.00	\$ 200.00	2		2								
19-3.	General Site Assessment Report	Per Report	\$ 2,500.00	\$ 2,500.00	1			1							
19-27.	Interim Assessment Report	Per Report	\$ 850.00	\$ 850.00	1		1								
21-15.	P.G. or Qualified P.E. Review, Evaluation and Certification of a General Site Assessment Report	Per Report	\$ 500.00	\$ 500.00	1			1							



LEGEND

- LIGHT POLE
- ⊗ MONITORING WELL
- x— CHAIN LINK FENCE
- UGE— UNDERGROUND ELECTRIC LINE
- UGS— UNDERGROUND SANITARY/SEWER LINE
- ▲ TRANSMITTER TOWER
- Ⓢ SATELITE DISH

1401 79th ST CSWY
NORTH BAY VILLAGE, MIAMI-DADE, FL

FIGURE 1
SITE MAP

FDEP ID # 139200817
CLEAR CHANNEL COMM WIOD-AM

DWG. NO.: 1	SCALE: NTS
DRAWN BY:	DATE: 01-18-99

Bamman, Zachary (RER)

From: Ariba Administrator <fl_notification@myfloridamarketplace.com>
Sent: Monday, January 25, 2016 3:40 PM
To: Bamman, Zachary (RER)
Subject: Notification: PR9220937 - DEP-PETRO-FY15/16-139200817-837-025A-CLEAR CHANNEL COMM WIOD AM-LSA-SSR (Fully Approved)

PR9220937 - DEP-PETRO-FY15/16-139200817-837-025A-CLEAR CHANNEL COMM WIOD AM-LSA-SSR was fully approved

Requester: Zachary Bamman (Contracts) **Created:** 2:21 PM Friday, January 15, 2016

Actions: [Open](#)

Line Items

#	Supplier	Description
1	American Environmental Engineering of Florida, Inc.	Contractor has been selected to perform a Low Score Assessment (LSA) at Clear C COMM WIOD-AM, 1415 NE 79th St, North Bay Village, Miami-Dade County, Florida ID 139200817. Attachment A, Scope of Work, attached to the purchase order (PO) describes the work to be completed by the Contractor. All work shall be performed accordance with the terms of the Agency Term Contract (ATC). The PRP reference for this project is 837-025A. Attached hereto and made a part of this PO is Attachr - Schedule of Pay Items and Other Related Documents. Pay Items are at or below negotiated maximum rates included in the ATC. Contractor must submit the appro completed documents from Attachment B to the Site Manager with each deliverabl instructed. Upon completion and approval of all work under this PO, Contractor sh: submit a signed Release of Claims document, along with the final invoice. Contract must include Subcontractor Utilization Report form, included as a tab on Attachme with each invoice. The Department will retain 10% of the total amount of each pay made. Contractor may submit a request for release of retainage upon completion, DEP approval of, all work performed under this PO. The Department will evaluate Contractor as specified in the Agency Term Contract. The Contractor agrees to per the services described in the PO in accordance with the terms of its ATC (as those may have been amended) which are in effect on date of issuance of the PO. The applicable ATC terms are available at the following URL: https://facts.fldfs.com/Search/ContractDetail.aspx?AgencyId=370000&ContractId

Total Cost: 10,842.30 USD

Comments

2:33 PM Friday, January 15, 2016: Shoun Riley (Contracts) - The following attachments are attached hereto and made a part of this Purchase Order. Attachment A – Scope of Work Attachment B – Schedule of Pay Items and Other Related Documents

2:35 PM Friday, January 15, 2016: Zachary Bamman (Contracts) - Approved.

4:53 PM Tuesday, January 19, 2016: Carol Carnley (Contracts) - This approval indicates only that the correct contract manager has been inserted into the workflow.

9:20 AM Friday, January 22, 2016: Carol Carnley (Contracts) - I, Carol Carnley, certify by evidence of the attached Contract Summary Form, that I am the Contract Manager and the information on this form is true and correct.

10:54 AM Friday, January 22, 2016: Lauren Mackey (Contracts) - PRP ref # 837-025A

3:38 PM Monday, January 25, 2016: Gwenn Godfrey (Contracts) - Note: Attachment B language appearing in upper right-hand corner titled "Less Surcharge" is used by the program to identify the total cost less the 6% handling and MFMP fee on reimbursable


items. This information is only used as a check point for PRP staff. The total PO amount for the project is the amount appearing in the "Total Extended Cost" section in the upper right-hand side of the spreadsheet.

3:38 PM Monday, January 25, 2016: Gwenn Godfrey (Contracts) - Modified the start and end dates to align with the PO issue date.

Approval flow

As of 3:39 PM Monday, January 25, 2016 :

Status	Required Reason	Approver	Date	Time
Approved Yes	The Requester Must Approve	Zachary Bamman (Contracts)	January 15, 2016	2:35 PM
Approved Yes	3701: Quality Assurance Approver must approve AdHoc and eQuote Requisitions.	Carol Carnley (Contracts) (on behalf of 3701: Quality Assurance Approver)	January 19, 2016	4:53 PM
Approved Yes	System Supervisor approval is required for requisition	Susan Fields (Contracts)	January 19, 2016	5:08 PM
Approved Yes		Carol Carnley (Contracts)	January 22, 2016	9:20 AM
Approved Yes	3701: Budget Approver must approve.	Lauren Mackey (Contracts) (on behalf of 3701: Budget Approver)	January 22, 2016	10:54 AM
Approved Yes	3701: Contracts Gatekeeper must approve.	Gwenn Godfrey (Contracts) (on behalf of 3701: Contracts Gatekeeper)	January 25, 2016	3:39 PM
Ready No		Zachary Bamman (Contracts)		
Approved Yes	FLAIR Integration	FLAIRIntegration	January 25, 2016	3:39 PM

Actions: 



Carlos A. Gimenez, Mayor

Department of Regulatory and Economic Resources

Environmental Resources Management

701 NW 1st Court, 4th Floor

Miami, Florida 33136-3912

T 305-372-6700 F 305-372-6982

miamidade.gov

October 14, 2016

Ali Malek, P.G.
American Environmental Engineering, Inc.
100 S. Pine Island Road, Suite 108
Plantation, Florida 33324

Subject: Deliverable Review – Task 3 (General Site Assessment Report) and SPI
CLEAR CHANNEL COMM WIOD-AM
1401 79th Street CSWY
North Bay Village, Miami-Dade County
FDEP Facility ID# 139200817
~~DERM UT-1504/File-7908~~
Discharge Date: February 4, 1988 (EDI/10)

Dear Mr. Malek:

The Miami-Dade Department of Regulatory and Economic Resources - Division of Environmental Resources Management (DERM), on behalf of the Florida Department of Environmental Protection (FDEP), has reviewed the Task 3 General Site Assessment Report received via e-mail on September 16, 2016, submitted for the subject facility by American Environmental Engineering, Inc. This deliverable is acceptable and demonstrates that the work outlined in Purchase Order (PO) #AE48B5 for Task 3 was satisfactorily performed. The approved cost for completion of Task 3 is \$3,000.00 as detailed in the attached Schedule of Pay Items Invoice Rate Sheet for the subject site.

Please proceed with submitting your final invoice for PO #AE48B5.

If you should have any questions, please contact the FDEP/LP Site Manager, Zachary Bamman, at zachary.bamman@miamidade.gov or at 305-372-6700.

Sincerely,

Kevin Slapp, P.G., Manager
Environmental Assessment Section

KS/zb

ec: Zach Bamman, DERM
Kevin Slapp, PG., DERM
FDEP File

Delivering Excellence Every Day


P.G. CERTIFICATION


Site Assessment Report dated September 16, 2016 (received September 16, 2016), for the CLEAR CHANNEL COMM WIOD-AM facility located at 1401 79th Street CSWY, North Bay Village, Miami-Dade County, FDEP Facility ID# 139200817, RER UT-1504/File-7908.

I hereby certify that in my professional judgment, the components of this Site Assessment Report prepared for the February 4, 1988 petroleum product discharge discovered at the above-referenced facility satisfy the applicable requirements set forth in Chapter 62-780, Florida Administrative Code (F.A.C.).

I personally completed this review.

This review was conducted by Zachary Bamman working under my direct supervision.


Kevin Slapp, P.G.
Professional Geologist #1418
10/14/16
Date



Petroleum Contamination Site Response Action Services
SCHEDULE OF PAY ITEMS INVOICE RATE SHEET

Facility Name: CLEAR CHANNEL COMM WIOD-AM
 7-Digit Facility ID #: 9200817
 County: 13
 Region: South
 Site Manager Name: ZACHARY BAMMAN
 Site Manager Phone: (305)372-6795
 Site Manager Email: Zachary.Bamman@miamidade.gov

Contractor: American Environmental Engineering of Florida, Inc.
 CID #: 00010 Retainage %: 10% Purchase Order: AE48B5
 Contract #: GC837 FDEP Cost Share %: 100.00% Download Date: 1/5/16 15:37
 SPI ID #: 4587 Total Extended Cost: \$ 19,512.00 Assignment Type: CSF
 Without Handling Fee: \$ 19,503.00
 Transition Agreement: Yes No

PAY ITEM	DESCRIPTION	UNIT OF MEASURE	PO Rate Sheet			Previously Invoiced	This Invoice		Balance
			UNITS	NEGOTIATED ITEM PRICE	TOTAL EXTENDED PRICE	UNITS	UNITS	EXTENDED PRICE	UNITS
Task 1									
1-1.	File Review	Per Review	1	\$ 450.00	\$ 450.00	1	0	\$ -	0
1-2.	Site Health & Safety Plan	Per Site	1	\$ 350.00	\$ 350.00	1	0	\$ -	0
		RETAINAGE			\$ 80.00	\$ 80.00		\$ -	\$ -
		SUBTOTAL			\$ 800.00	\$ 800.00		\$ -	\$ -
Task 2									
1-4.	Permit Fees (actual fee only, cost to obtain permit is included in applicable pay items)	Reimbursable*	150	\$ 1.00	\$ 150.00	150	0	\$ -	0
1-7.	6% Handling Fee for Cost Reimbursable Items	% Surcharge	150	\$ 0.06	\$ 9.00	150	0	\$ -	0
3-1.	Mobilization, Light Duty Vehicle (car or 1/2 ton truck) - ≤ 100 miles each way	Per Round Trip	5	\$ 300.00	\$ 1,500.00	5	0	\$ -	0
3-7.a.	DPT Rig and Support Vehicles Mobilization - ≤ 100 miles each way	Per Round Trip	1	\$ 800.00	\$ 800.00	1	0	\$ -	0
3-9.a.	Drill Rig and Support Vehicles Mobilization (hollow stem auger, mud rotary or sonic) - ≤ 100 miles each way	Per Round Trip	2	\$ 1,000.00	\$ 2,000.00	2	0	\$ -	0
5-1.a.1.	Split Spoon Sampling - 2 foot (during boring) < 50 feet	Per Spoon	8	\$ 35.50	\$ 284.00	8	0	\$ -	0
5-2.	Hand Auger Boring ≤ 10 foot total depth	Per Boring	1	\$ 110.00	\$ 110.00	1	0	\$ -	0
5-3.a.	Direct Push Technology (DPT) Rig and Equipment	Full Day	1	\$ 2,750.00	\$ 2,750.00	1	0	\$ -	0
5-9.	HSA or MR Boring, > 6 to 10 inch diameter, < 50 foot total depth	Per Foot	28	\$ 22.00	\$ 616.00	28	0	\$ -	0
6-2.a.	Well Installation - 2 inch diameter (vertical)	Per Foot	41	\$ 35.00	\$ 1,435.00	41	0	\$ -	0
8-1.	Monitoring Well Sampling with Water Level, ≤ 100 foot depth	Per Well	3	\$ 250.00	\$ 750.00	3	0	\$ -	0
8-6.	Soil/Sediment Sample Collection	Per Sample	14	\$ 35.00	\$ 490.00	14	0	\$ -	0
8-11.	Electronic Data Deliverables (EDD)	Per Sampling Event	5	\$ 50.00	\$ 250.00	5	0	\$ -	0
8-14.	Encore (25 gram) for SPLP Soil Sample Collection: [Per Encore]. The cost will include the 25 gram Encore samples submitted to the laboratory for SPLP testing and the 25 gram Encore samples collected in the field but not submitted to the laboratory for testing (discarded).	Per Sample	1	\$ 20.00	\$ 20.00	1	0	\$ -	0
9-2.	Soil, BTEX + MTBE (EPA 8021 or EPA 8260)	Per Sample	3	\$ 40.00	\$ 120.00	2	0	\$ -	1
9-5.	Soil, Polycyclic Aromatic Hydrocarbons (EPA 8270 or EPA 8310)	Per Sample	14	\$ 80.00	\$ 1,120.00	12	0	\$ -	2
9-8.	Soil, Total Recoverable Petroleum Hydrocarbons (FL-PRO)	Per Sample	3	\$ 60.00	\$ 180.00	2	0	\$ -	1
9-8.a.	Soil, TRPH Fractionation (MADEP-EPH/VP Method or TPHCWG Direct Method)	Per Sample	1	\$ 205.00	\$ 205.00	0	0	\$ -	1
9-16.	Soil, Synthetic Precipitation Leaching Procedure-Extraction Only (EPA1312)	Per Sample	2	\$ 48.00	\$ 96.00	0	0	\$ -	2
9-27.	Water, BTEX + MTBE (EPA 602, EPA 624, EPA 8021 or EPA 8260)	Per Sample	3	\$ 39.00	\$ 117.00	3	0	\$ -	0
9-30.	Water, Polycyclic Aromatic Hydrocarbons, including 1-methylnaphthalene + 2-methylnaphthalene (EPA 610 [HPLC], EPA 625, EPA 8270 or EPA 8310)	Per Sample	3	\$ 80.00	\$ 240.00	3	0	\$ -	0
9-36.	Water, Total Recoverable Petroleum Hydrocarbons (FL-PRO)	Per Sample	3	\$ 60.00	\$ 180.00	3	0	\$ -	0
12-6.	Transport and Disposal of Petroleum Impacted Soil (includes drum)	Per Drum	1	\$ 190.00	\$ 190.00	1	0	\$ -	0
12-13.	Transport and Disposal of Petroleum Contact Water (includes drum)	Per Drum	2	\$ 200.00	\$ 400.00	1	0	\$ -	1
19-27.	Interim Assessment Report	Per Report	2	\$ 850.00	\$ 1,700.00	2	0	\$ -	0
		RETAINAGE			\$ 1,571.20	\$ 1,495.10		\$ -	\$ 76.10
		SUBTOTAL			\$ 15,712.00	\$ 14,951.00		\$ -	\$ 761.00
Task 3									

Petroleum Contamination Site Response Action Services
SCHEDULE OF PAY ITEMS INVOICE RATE SHEET

PAY ITEM	DESCRIPTION	UNIT OF MEASURE	PO Rate Sheet			Previously Invoiced	This Invoice		Balance
			UNITS	NEGOTIATED ITEM PRICE	TOTAL EXTENDED PRICE	UNITS	UNITS	EXTENDED PRICE	UNITS
19-3.	General Site Assessment Report	Per Report	1	\$ 2,500.00	\$ 2,500.00	0	1	\$ 2,500.00	0
21-15.	P.G. or Qualified P.E. Review, Evaluation and Certification of a General Site Assessment Report	Per Report	1	\$ 500.00	\$ 500.00	0	1	\$ 500.00	0
		RETAINAGE			\$ 300.00	\$ -		\$ 300.00	\$ -
		SUBTOTAL			\$ 3,000.00	\$ -		\$ 3,000.00	\$ -
		TOTAL COST			\$ 19,512.00	\$ 15,751.00		\$ 3,000.00	\$ 761.00
		Owner Cost Share:			\$ -	\$ -		\$ -	\$ -
		FDEP Cost Share:			\$ 19,512.00	\$ 15,751.00		\$ 3,000.00	\$ 761.00
		Retainage:			\$ 1,951.20	\$ 1,575.10		\$ 300.00	\$ 76.10
		FDEP Less Retainage:			\$ 17,560.80	\$ 14,175.90		\$ 2,700.00	\$ 684.90

Version: 8.1

Site Manager Approval: Zachary Brumman
Print Name


Signature

10/14/2016
Date of Review Letter

From: Ali Malek [<mailto:aeemalek@bellsouth.net>]
Sent: Thursday, February 04, 2016 10:13 AM
To: Bamman, Zachary (RER)
Cc: scott@greenwaldgroup.com
Subject: CLEAR CHANNEL COMM WIOD-AM, 13/9200817

Good Morning Zachary,
Please see attached the deliverables for Task 1 for your review and approval. Please contact me if any questions.

Regards,

Ali Malek, P.G.
AMERICAN ENVIRONMENTAL ENGINEERING
100 S. Pine Island Road, Suite 108
Plantation, Florida 33324
Tel: (954) 236-4290
Fax: (844) 274-0463
Cell: (305) 321-5333

Historical Summary

Discharge History

FDEP FAC ID #: 13/9200817 Site Name: Clear Channel COMM WIOD-AM
 Site Score: 10.00 Facility Type: C - Fuel user/Non-retail
 List Active Tanks (ASTs/USTs & contents): see attached file for list of active ASTs. (1)

First Discharge

Discharge Date: 2/4/1988
 Discharged Product: General Diesel
 Eligibility Program: EDI
 CAP Remaining: _____

Discharge Summary *location/quantity etc.*

Location and quantity is all unknown

Second Discharge

Discharge Date: NA
 Discharged Product: NA
 Eligibility Program: NA
 CAP Remaining: NA

Discharge Summary *location/quantity etc.*

Third Discharge

Discharge Date: NA
 Discharged Product: NA
 Eligibility Program: NA
 CAP Remaining: _____

Discharge Summary *location/quantity etc.*

Assessment History

SA Approval Date: NA
 Average DTW: Unk
 1st Lithology (uscs): Unk
 2nd Lithology (uscs): Unk
 Land Use (plume area): Unk
 Zoning (plume area): Unk
 Groundwater Flow: Unk
 Private Wells: Unkown
 Last Sampled: Unknown
 Petroleum Contamination: Unknown
 Public Supply Wells: 0
 Last Sampled: NA
 Petroleum Contamination: NA

Groundwater Contaminants

BTEX	Unk
PAHs	Unk
TRPHs	Unk
MTBE	Unk
Pb	Unk
Other	Unk

Soil Contaminants

BTEX	Unk
PAHs	Unk
TRPHs	Unk
MTBE	Unk
Pb	Unk
Other	Unk

Assessment Summary *complex lithology, free product etc.*

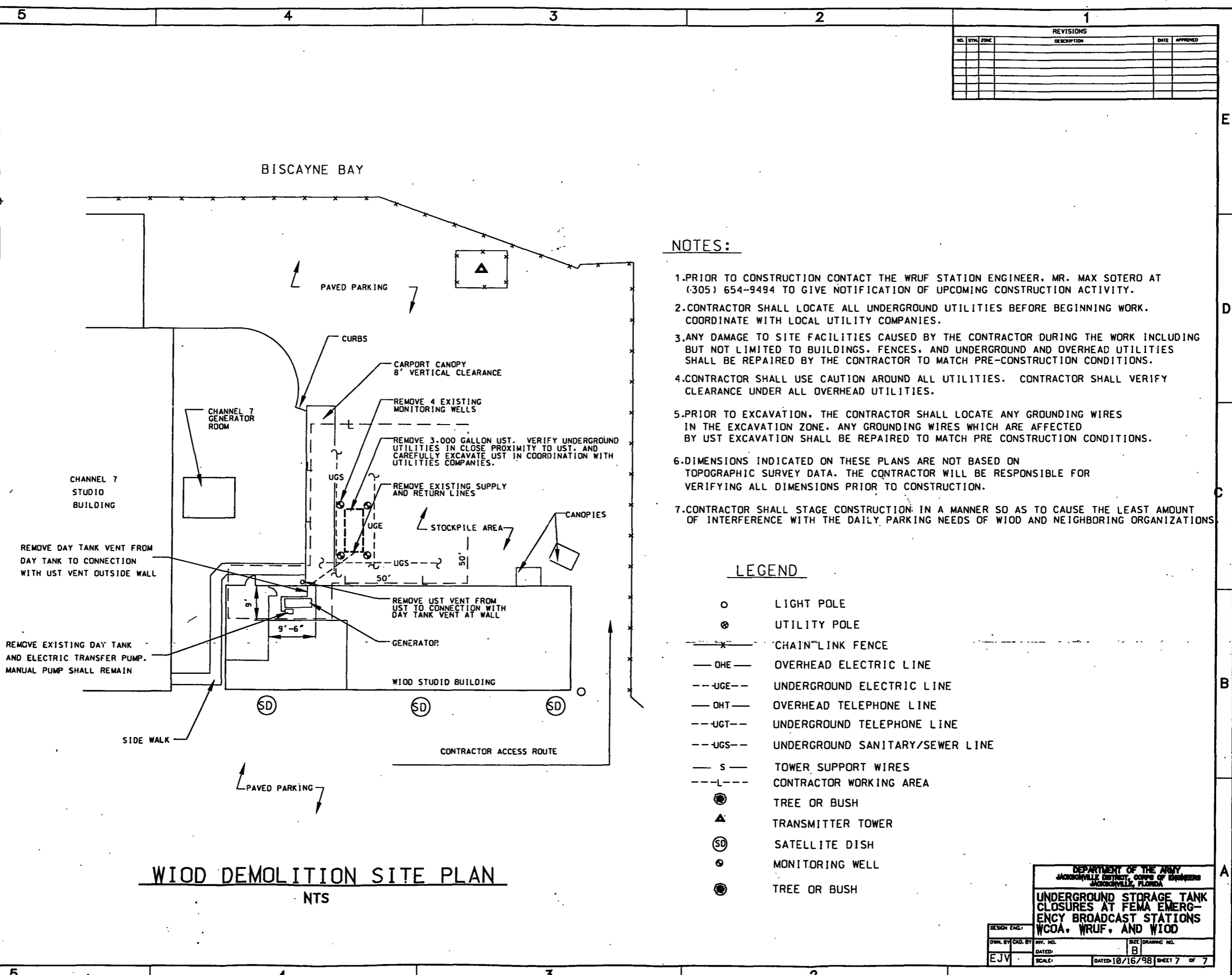
Remedial Action History

RAP Order Date: NA
 RA Technology: NA
 2nd RA Technology: NA
 RA Start Date: NA
 RA End Date: NA

Remedial Action Summary

**ATTACHMENT A
SITE MAP**

REVISIONS					
NO.	SYN.	ZONE	DESCRIPTION	DATE	APPROVED



NOTES:

1. PRIOR TO CONSTRUCTION CONTACT THE WRUF STATION ENGINEER, MR. MAX SOTERO AT (305) 654-9494 TO GIVE NOTIFICATION OF UPCOMING CONSTRUCTION ACTIVITY.
2. CONTRACTOR SHALL LOCATE ALL UNDERGROUND UTILITIES BEFORE BEGINNING WORK. COORDINATE WITH LOCAL UTILITY COMPANIES.
3. ANY DAMAGE TO SITE FACILITIES CAUSED BY THE CONTRACTOR DURING THE WORK INCLUDING BUT NOT LIMITED TO BUILDINGS, FENCES, AND UNDERGROUND AND OVERHEAD UTILITIES SHALL BE REPAIRED BY THE CONTRACTOR TO MATCH PRE-CONSTRUCTION CONDITIONS.
4. CONTRACTOR SHALL USE CAUTION AROUND ALL UTILITIES. CONTRACTOR SHALL VERIFY CLEARANCE UNDER ALL OVERHEAD UTILITIES.
5. PRIOR TO EXCAVATION, THE CONTRACTOR SHALL LOCATE ANY GROUNDING WIRES IN THE EXCAVATION ZONE. ANY GROUNDING WIRES WHICH ARE AFFECTED BY UST EXCAVATION SHALL BE REPAIRED TO MATCH PRE CONSTRUCTION CONDITIONS.
6. DIMENSIONS INDICATED ON THESE PLANS ARE NOT BASED ON TOPOGRAPHIC SURVEY DATA. THE CONTRACTOR WILL BE RESPONSIBLE FOR VERIFYING ALL DIMENSIONS PRIOR TO CONSTRUCTION.
7. CONTRACTOR SHALL STAGE CONSTRUCTION IN A MANNER SO AS TO CAUSE THE LEAST AMOUNT OF INTERFERENCE WITH THE DAILY PARKING NEEDS OF WIOD AND NEIGHBORING ORGANIZATIONS.

LEGEND

- LIGHT POLE
- ⊗ UTILITY POLE
- x— CHAIN LINK FENCE
- OHE— OVERHEAD ELECTRIC LINE
- UGE--- UNDERGROUND ELECTRIC LINE
- OHT--- OVERHEAD TELEPHONE LINE
- UGT--- UNDERGROUND TELEPHONE LINE
- UGS--- UNDERGROUND SANITARY/SEWER LINE
- S — TOWER SUPPORT WIRES
- L--- CONTRACTOR WORKING AREA
- TREE OR BUSH
- ▲ TRANSMITTER TOWER
- ⊙ SD SATELLITE DISH
- ⊙ MONITORING WELL
- TREE OR BUSH

WIOD DEMOLITION SITE PLAN

NTS

DEPARTMENT OF THE ARMY
JACKSONVILLE DISTRICT, CORPS OF ENGINEERS
JACKSONVILLE, FLORIDA

UNDERGROUND STORAGE TANK CLOSURES AT FEMA EMERGENCY BROADCAST STATIONS WCOA, WRUF, AND WIOD

DESIGN ENCL:	REV. NO.	SIZE	DRAWING NO.
DWN. BY CHD. BY	DATE:	B	
EJV	SCALE:	DATED: 10/16/98 SHEET 7 OF 7	

SUBSYSTEMS

**ATTACHMENT B
DAILY SIGNING SHEET**

Date: _____

Project: _____ **Clear Channel COMM WIOD-AM** _____

_____ **1415 NE 79th Street, North Bay Village, Florida**

Name	Affiliation	Title	Signature



March 14, 2016

Submitted via e-mail to: Zachary.Bamman@miamidade.gov
scott@greenwaldgroup.com

Zachary Bamman
Miami Dade County
Environmental Resources Management
701 NW 1st Ct., 4th Floor
Miami, Florida 33136-3912

RECEIVED

March 14, 2016

DERM

Re: **Task 2 Interim Assessment Report #1**
Clear Channel COMM WIOD-AM
1401 NE 79th Street, North Bay Village, Miami, Florida
FDEP Facility ID #: 13/9200817
Discharge Date: February 4, 1988
Discharge Score: 10
AEE Project # 1134-01

Dear Mr. Bamman,

American Environmental Engineering of Florida, Inc. (AEE) is pleased to submit this Interim Assessment Report #1 to the Department of Environmental Resources Management (DERM) for the above referenced facility. The report summarizes the scope of services (SOW) and the results obtained through Task 2 of Purchase Order (PO) number **AE48B5**. A site sketch showing pertinent site features is included as **Figure 1**.

SUMMARY OF ACTIVITIES AND RESULTS (TASK-2)

Soil Assessment

On February 22, 2016, AEE personnel supervised installation of two soil boring (SB-1 and SB-2) within the vicinity of the former UST farm. OVA soil screening was performed. OVA results are included in **Table 1**. In addition, soil boring SB-1 was extended to total depth of monitoring well MW-101 to determine site lithology. Soil Boring Logs are included as **Attachment A**.

Two soil samples were collected for laboratory analyses. One soil sample was collected from SB-1 at 3' BLS (vadose zone) and one from SB-2 at 2' BLS (vadose zone). The soil samples were submitted to SGS Accutest laboratory for analytical testing. Soil samples were analyzed using EPA Test Methods 8260 (for BTEX/MTBE), EPA Test Methods 8270 (for PAHs) and FL-PRO (for TRPHs).

Soil Laboratory Analytical Results

Soil samples collected from SB-1 at 3' BLS and SB-2 at 2' BLS exhibited COC concentrations exceeding the CTLs for Benzo(a)pyrene and B(a)P Equivalents. Soil boring locations and soil concentrations are graphically shown in **Figures 2** and **3**. Soil laboratory analytical report is included as **Attachment B**. Benzo(a)pyrene conversion tables are included as **Attachment C**. Soil OVA screening and analytical results are summarized in **Tables 1, 2A** and **2B**.

Groundwater Assessment

On February 22, 2016, AEE personnel supervised installation of two shallow monitoring wells in the vicinity of the former UST area. Monitoring Well Construction and Development Logs are included as **Attachment D**. Monitoring well locations are illustrated in **Figure 4**.

On February 25, 2016, AEE personnel collected groundwater samples for laboratory analyses from monitoring wells MW-101 and MW-102. Groundwater sampling was conducted in accordance with the FDEP's SOP. Groundwater samples were analyzed using EPA Test Methods 8260 (for BTEX/MTBE), EPA Test Methods 8270 (for PAHs) and FL-PRO (for TRPHs).

Groundwater Laboratory Analytical Results

Concentrations of the COCs were lower than the FDEP Cleanup Target Levels (CTLs) in groundwater samples collected from MW-101 and MW-102.

The groundwater laboratory analytical report and the groundwater sampling logs are included as **Attachments E** and **F**, respectively. Groundwater analytical results are summarized in **Tables 3A** and **3B**. Groundwater concentrations are graphically shown in **Figures 4** and **5**.

IDW Storage & Disposal

The Investigate Derived Waste (IDW) was stored in 55-gallon drums on site for proper disposal. During the soil boring and monitoring well installation activities two (2) drums of IDW (1 drum of PCW and 1 drums of soil cuttings) was generated.

SUMMARY OF CURRENT ASSESSMENT ACTIVITIES

The assessment activities performed between February 22 and 25, 2016 revealed the following:

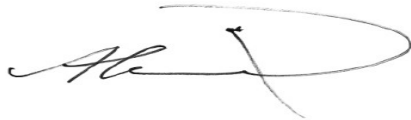
- Soil sample collected from SB-1 at 3' BLS and SB-2 at 2' BLS exhibited concentration of COCs greater than CTLs.
- Groundwater concentrations did not exceed the GCTLs in monitoring wells MW-101 and MW-102

RECOMMENDATIONS

Additional assessment is required within the vadose zone. Additional monitoring wells may have to be installed to delineate determine if the discharge of February 4, 1988 has impacted the site.

Please contact the undersigned at (954) 236-4290 or via e-mail at aemalek@bellsouth.net if you have any questions or concerns regarding this transmittal.

Sincerely,
AMERICAN ENVIRONMENTAL ENGINEERING OF FLORIDA, INC.

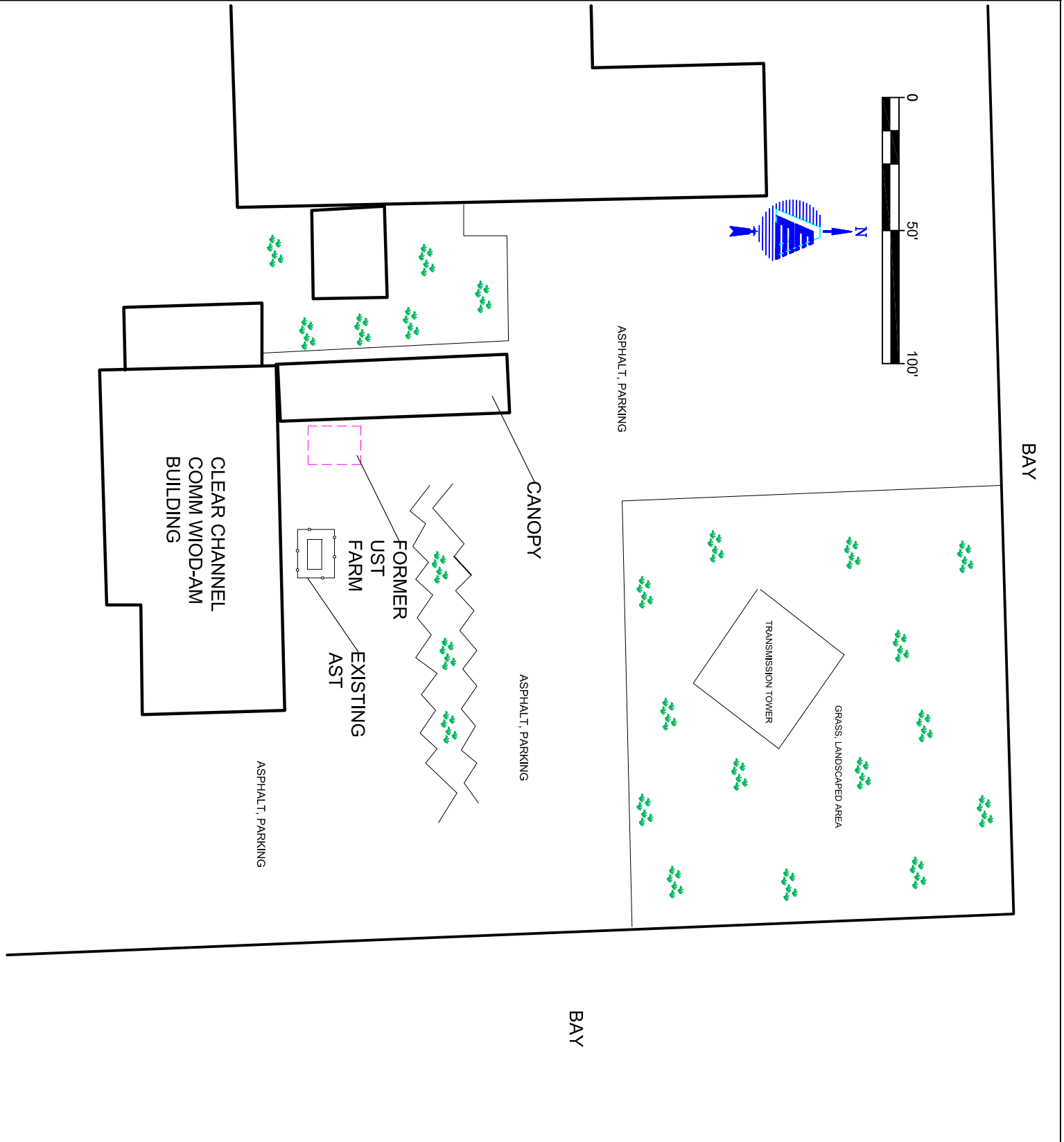


Alireza Malek, P.G.
Project Manager

Attachments: Figure (1 through 5)
Tables 1, 2A, 2B, 3A, 3B, and 4
Soil Boring Logs, Well Construction and Development Logs
Soil Analytical Report, Groundwater Analytical Report,
Benzo(a)pyrene Conversion Tables
Groundwater Sampling Logs

cc: Mr. Scott Greenwald, (site manager), Via E-mail
AEE Project File (1134-01)

FIGURES



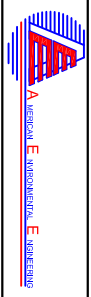
LEGEND

-  CATCH BASIN
-  GRASS, LANDSCAPED AREA
-  FORMER UST
-  WATER METER
-  WATER MANHOLE
-  UTILITY POLE
-  WATER HYDRANT
-  SEWER MANHOLE

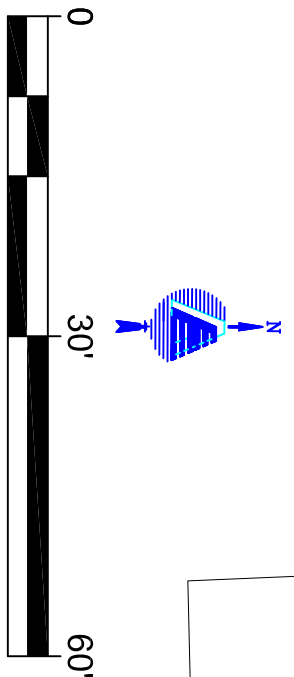
FIGURE 1

SITE SKETCH

CLARA GRANER COMM WIOD (PAC ID 19/0900817)
 1400 101 790A Street, North Bay Village, FL

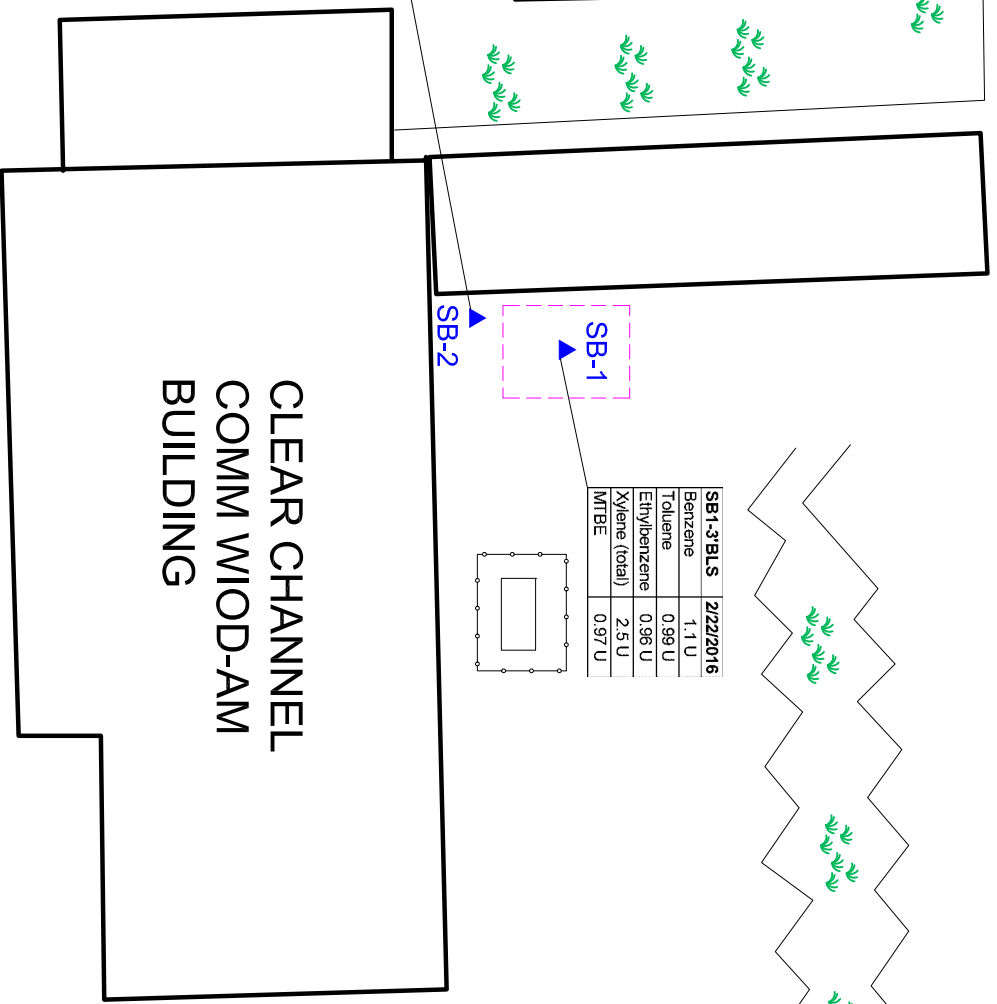


SITE MANAGER:	AM	DRAWING DATE:	3/10/16
DRAWN BY:	SN	REVISION DATE:	3/10/16
CHECKED BY:	AM	REVISION DATE:	
SCALE:	1" = 50' (APPROX.)		
CAD DWG. NO.:	FIG 1	PROJ. NO.:	1116-01



SB2-2'BLS		2/22/2016
Benzene	1.3 U	
Toluene	1.2 U	
Ethylbenzene	1.1 U	
Xylene (total)	3.0 U	
MTBE	1.2 U	

SB1-3'BLS		2/22/2016
Benzene	1.1 U	
Toluene	0.99 U	
Ethylbenzene	0.96 U	
Xylene (total)	2.5 U	
MTBE	0.97 U	



**CLEAR CHANNEL
COMM WIOD-AM
BUILDING**

ASPHALT, PARKING

ASPHALT, PARKING

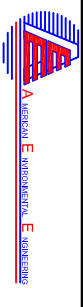
LEGEND

- SOIL BORING
- CATCH BASIN
- GRASS, LANDSCAPED AREA
- FORMER UST FARM
- WATER METER
- WATER MANHOLE
- UTILITY POLE
- WATER HYDRANT
- SEWER MANHOLE

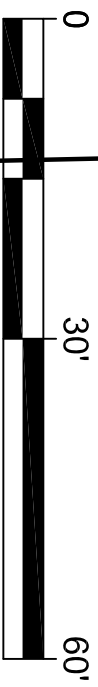
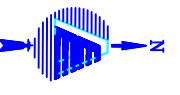
MTBE = Methyl Tert Butyl Ether
CONCENTRATIONS REPORTED
IN ug/kg

**FIGURE 2
SOIL CONCENTRATIONS
(BTEX/MTBE)**

**CLEAR CHANNEL COMM WIOD (PAC ID: 13/0200817)
1415 NE 79th Street, North Bay Village, FL**

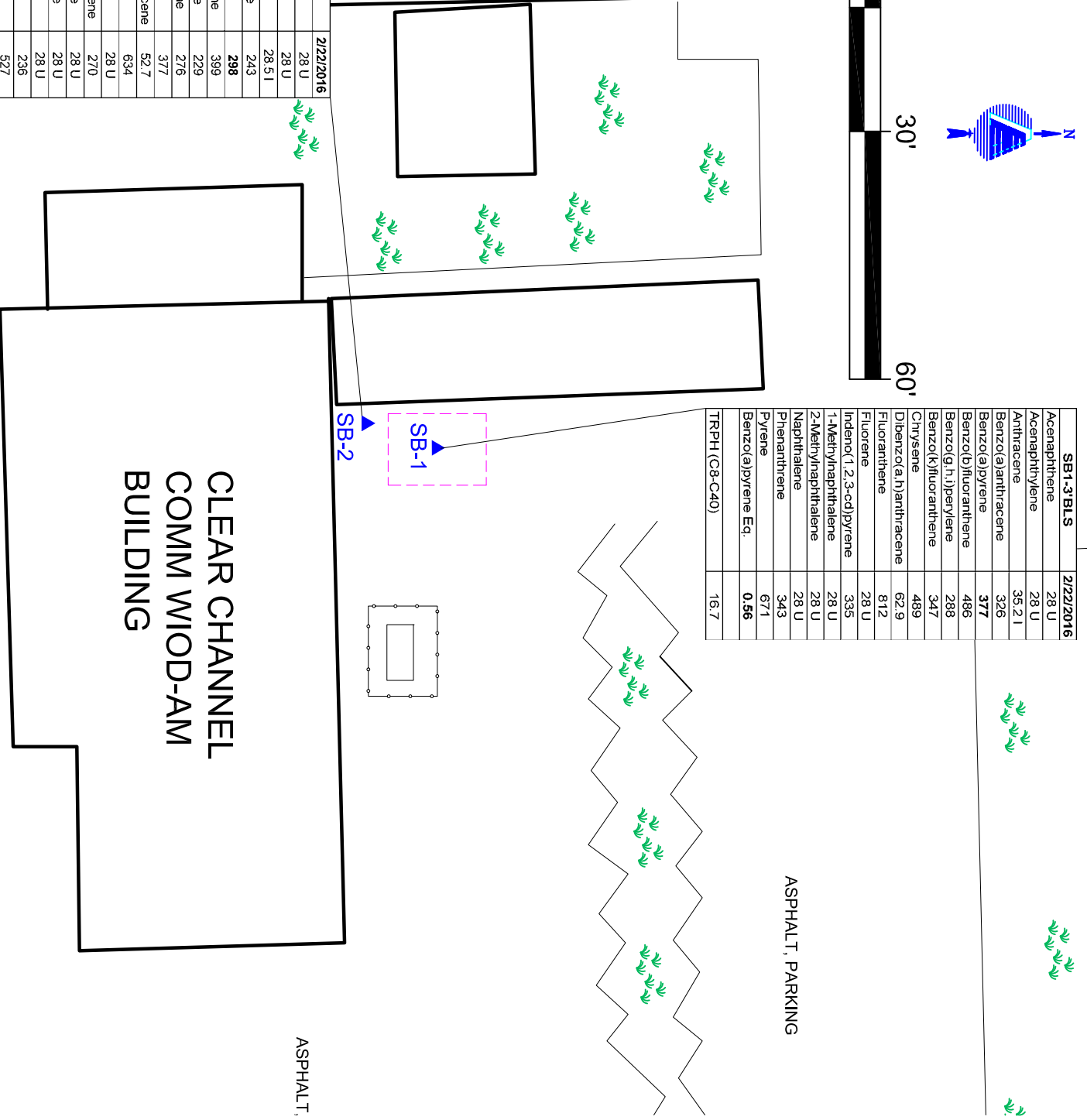


SITE MANAGER:	AM	DRAWING DATE:	3/10/16
DRAWN BY:	SN	REVISION DATE:	3/10/16
CHECKED BY:	AM	PERISON DATE:	
SCALE:	1" = 30' (APPROX)		
CAD DWG. NO.:	FIG 4	PROJ. NO.:	1134-01



SB1-3 BLS	2/22/2016
Acenaphthene	28 U
Acenaphthylene	28 U
Anthracene	35.2 I
Benzo(a)anthracene	326
Benzo(a)pyrene	377
Benzo(b)fluoranthene	486
Benzo(g,h,i)perylene	288
Benzo(k)fluoranthene	347
Chrysene	489
Dibenz(a,h)anthracene	62.9
Fluoranthene	812
Indeno(1,2,3-cd)pyrene	28 U
1-Methylnaphthalene	335
2-Methylnaphthalene	28 U
Naphthalene	28 U
Phenanthrene	343
Pyrene	671
Benzo(a)pyrene Eq.	0.56
TRPH (C8-C40)	16.7

SB2-2 BLS	2/22/2016
Acenaphthene	28 U
Acenaphthylene	28 U
Anthracene	28.5 I
Benzo(a)anthracene	243
Benzo(a)pyrene	298
Benzo(b)fluoranthene	399
Benzo(g,h,i)perylene	229
Benzo(k)fluoranthene	276
Chrysene	377
Dibenz(a,h)anthracene	52.7
Fluoranthene	634
Indeno(1,2,3-cd)pyrene	28 U
1-Methylnaphthalene	270
2-Methylnaphthalene	28 U
Naphthalene	28 U
Phenanthrene	236
Pyrene	627
Benzo(a)pyrene Eq.	0.45
TRPH (C8-C40)	21.1

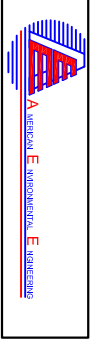


- ### LEGEND
- SB-1 SOIL BORING
 - CATCH BASIN
 - GRASS, LANDSCAPED AREA
 - FORMER UST FARM
 - WATER METER
 - WATER MANHOLE
 - UTILITY POLE
 - WATER HYDRANT
 - SEWER MANHOLE

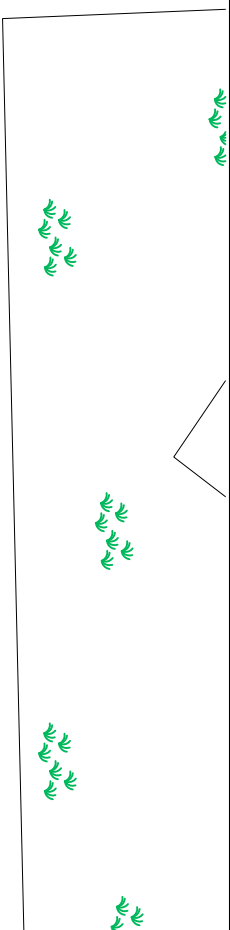
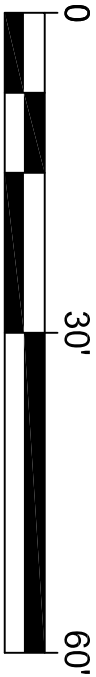
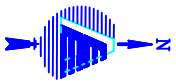
CONCENTRATIONS REPORTED
IN ug/kg

FIGURE 3
SOIL CONCENTRATIONS
(PAH & TRPH)

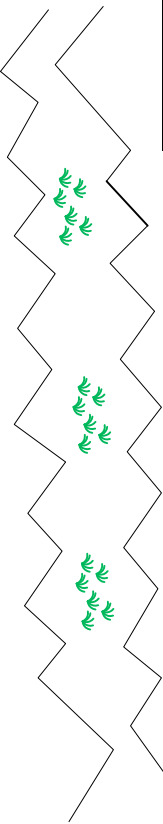
CLEAR CHANNEL COMM WIOD (PAH & TRPH)
1401 N.W. 79th Street, North Bay Village, FL



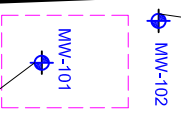
SITE MANAGER: AM	DRAWING DATE: 3/10/16
DRAWN BY: SN	REVISION DATE: 3/10/16
CHECKED BY: AM	REVISION DATE:
SCALE: 1" = 30' (APPROX.)	
CAD DWG. NO.: FIG 5	PROJ. NO.: 1134-01



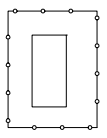
MW-102	2/25/2016
Benzene	0.20 U
Toluene	0.20 U
Ethylbenzene	0.25 U
Xylene (total)	0.56 U
MTBE	0.20 U



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MW-101	2/25/2016
Benzene	0.20 U
Toluene	0.20 U
Ethylbenzene	0.25 U
Xylene (total)	0.56 U
MTBE	0.20 U



CLEAR CHANNEL
COMM WIOD-AM
BUILDING

ASPHALT, PARKING

LEGEND

- MONITORING WELL
- MW-102
- CATCH BASIN
- GRASS, LANDSCAPED AREA
- FORMER UST FARM
- WATER METER
- WATER MANHOLE
- UTILITY POLE
- WATER HYDRANT
- SEWER MANHOLE

(MTBE) Methyl Tert Butyl Ether

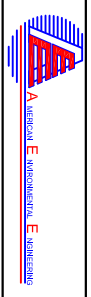


FIGURE 4
GROUNDWATER ANALYTICALS
BTEXM

CLEAR CHANNEL COMM WIOD (PAC ID 19/9200817)
1401 NIS 79th Street, North Bay Village, FL

SITE MANAGER:	AM	DRAWING DATE:	3/10/16
DRAWN BY:	SN	REVISION DATE:	3/10/16
CHECKED BY:	AM	REVISION DATE:	
SCALE:	1" = 30' (APPROX.)		
CDI DMC NO.:	FIG 6	PROJ. NO.:	1134-01

LEGEND

MONITORING WELL
MM-102

CATCH BASIN

GRASS, LANDSCAPED AREA

FORMER UST FARM

WATER METER

WATER MANHOLE

UTILITY POLE

WATER HYDRANT

SEWER MANHOLE

(MTBE) Tert Butyl Ether

TRIPHENYLENE

TRIPHENYLENE

TRIPHENYLENE

TRIPHENYLENE

TRIPHENYLENE

TRIPHENYLENE

TRIPHENYLENE

TRIPHENYLENE

TRIPHENYLENE

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TRIPHENYLENE

TRIPHENYLENE

TRIPHENYLENE

TRIPHENYLENE

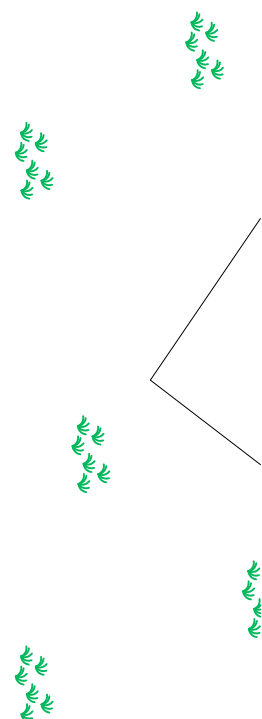
TRIPHENYLENE

TRIPHENYLENE

TRIPHENYLENE

TRIPHENYLENE

TRIPHENYLENE



MM-102	2/25/2016
Acenaphthene	0.33 I
Acenaphthylene	0.31 U
Anthracene	0.21 I
Benzo(a)anthracene	0.031 U
Benzo(a)pyrene	0.031 U
Benzo(b)fluoranthene	0.031 U
Benzo(g,h,i)perylene	0.031 U
Benzo(k)fluoranthene	0.031 U
Chrysene	0.031 U
Dibenzo(a,h)anthracene	0.031 U
Fluoranthene	0.20 I
Fluorene	0.91
Indeno(1,2,3-cd)pyrene	0.031 U
1-Methyl/naphthalene	0.31 U
2-Methyl/naphthalene	0.31 U
Naphthalene	0.31 U
Phenanthrene	0.20 I
Pyrene	0.19 U
TRPH (C8-C40)	0.89

MM-101	2/25/2016
Acenaphthene	0.37 I
Acenaphthylene	0.31 U
Anthracene	0.19 U
Benzo(a)anthracene	0.031 U
Benzo(a)pyrene	0.031 U
Benzo(b)fluoranthene	0.031 U
Benzo(g,h,i)perylene	0.031 U
Benzo(k)fluoranthene	0.031 U
Chrysene	0.031 U
Dibenzo(a,h)anthracene	0.031 U
Fluoranthene	0.42 I
Fluorene	0.60 I
Indeno(1,2,3-cd)pyrene	0.031 U
1-Methyl/naphthalene	0.31 U
2-Methyl/naphthalene	0.31 U
Naphthalene	0.31 U
Phenanthrene	0.53 I
Pyrene	0.31 I
TRPH (C8-C40)	0.249

CLEAR CHANNEL
COMM WIOD-AM
BUILDING

ASPHALT, PARKING

ASPHALT, PARKING

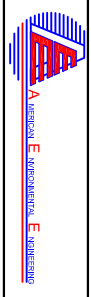


FIGURE 5
GROUNDWATER CONCENTRATIONS
(PAHS & TRPH)

CLEAR CHANNEL COMM WIOD (PAC ID: 13/0200017)
1401 1st Street, North Bay Village, FL

SITE MANAGER:	AM	DRAWING DATE:	3/10/16
DRAWN BY:	SN	REVISION DATE:	3/10/16
CHECKED BY:	AM	REVISION DATE:	
SCALE:	1" = 30' (APPROX)		
CAD DWG. NO.:	FIG 7	PROJ. NO.:	1134-01

TABLES

TABLE 1 - SOIL SCREENING SUMMARY

Facility Name: Clear Channel COMM

Facility ID#: 13/9200817

AEE Project #: 1134-01

SAMPLE			OVA SCREENING RESULTS			
BORING NO.	DATE COLLECTED	SAMPLE INTERVAL (Ft., BLS)	TOTAL READING (ppm)	CARBON FILTERED (ppm)	NET READING (ppm)	COMMENTS
SB-1/MW101	02/22/16	1	0.0	NA	0.0	
		2	0.0	NA	0.0	
		3	0.0	NA	0.0	
		4	0.0	NA	0.0	
		5.0	0.0	NA	0.0	
SB-2	02/22/16	1	0.0	NA	0.0	
		2	0.0	NA	0.0	

**TABLE 2A: SOIL ANALYTICAL SUMMARY
(BTEX / MTBE)**

Facility Name: Clear Channel COMM

Facility ID#: 13/9200817

AEE Project #: 1134-01

Sample				OVA	Laboratory Analyses				
Boring/ Well No.	Date Sampled:	Depth to Water	Sample Interval	Net OVA Reading	Benzene	Toluene	Ethylbenzene	Xylene (total)	Methyl Tert Butyl Ether
		(ft)	(fbls)	(ppm)	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg
SB-1	2/22/2016	4.2	3	0.0	1.1 U	0.99 U	0.96 U	2.5 U	0.97 U
SB-2	2/22/2016	4.2	2	0.0	1.3 U	1.2 U	1.1 U	3.0 U	1.2 U
Leachability Based on Groundwater Criteria (mg/kg)					7	500	600	200	90
Direct Exposure Residential (mg/kg)					1200	7500000	1500000	130000	4400000

Notes:

NS = Not Sampled

NA = Not Analyzed

U = Not Detected (at reported detection limit) or Below Detection Limit

I = A value with an 'i' flag indicates that the reported value is between the laboratory method detection limit and practical quantitation limit.

**TABLE 2B: SOIL ANALYTICAL SUMMARY
PAH & TRPH**

Facility Name: Clear Channel COMM

Facility ID#: 13/9200817

AEE Project #: 1134-01

See notes at end of table.

Sample ID:	Date Sampled:	Depth to Water	Sample Interval	Net OVA Reading	Acenaphthene	Acenaphthylene	Anthracene	Benzo(a)anthracene	Benzo(a)pyrene	Benzo(b)fluoranthene	Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Chrysene	Dibenzo(a,h)anthracene	Fluoranthene	Fluorene	Indeno(1,2,3-cd)pyrene	1-Methylnaphthalene	2-Methylnaphthalene	Naphthalene	Phenanthrene	Pyrene	Benzo(a)pyrene Equivalents	TRPH (C8-C40)
		(ft)	(fbls)	(ppm)	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	mg/kg	mg/kg
SB-1	2/22/2016	4.2	3	0.0	28 U	28 U	35.2 I	326	377	486	288	347	489	62.9	812	28 U	335	28 U	28 U	28 U	343	671	0.56	16.7
SB-2	2/22/2016	4.2	2	0.0	28 U	28 U	28.5 I	243	298	399	229	276	377	52.7	634	28 U	270	28 U	28 U	28 U	236	527	0.45	21.1
FL Direct Exposure - Residential					2400000	1800000	21000000	#	100	#	2500000	#	#	#	3200000	2600000	#	200000	210000	55000	2200000	2400000	0.1	340
FL Leachability Based on GW Criteria					2100	27000	2500000	800	8000	2400	32000000	24000	77000	700	1200000	1600000	6600	3100	8500	1200	250000	880000		460

Notes:

NS = Not Sampled

NA = Not Analyzed

U = Not Detected (at reported detection limit) or Below Detection Limit

I = A value with an 'I' flag indicates that the reported value is between the laboratory method detection limit and practical quantitation limit.

**TABLE 3A: GROUNDWATER MONITORING WELL ANALYTICAL SUMMARY
(BTEX / MTBE)**

Facility Name: Clear Channel COMM

Facility ID#: 13/9200817

AEE Project #: 1134-01

Sample ID	Date Sampled	Benzene	Toluene	Ethylbenzene	Xylene (total)	Methyl Tert Butyl Ether (MTBE)
		ug/l	ug/l	ug/l	ug/l	ug/l
MW-101	2/25/2016	0.20 U	0.20 U	0.25 U	0.56 U	0.20 U
MW-102	2/25/2016	0.20 U	0.20 U	0.25 U	0.56 U	0.20 U
FL Groundwater Criteria		1	40	30	20	20
NADCs		100	400	300	200	200

Notes: NA = Not Available.
NS = Not Sampled.

GCTLs = Groundwater Cleanup Target Levels specified in Table I of Chapter 62-777, F.A.C.

NADCs = Natural Attenuation Default Source Concentrations specified in Table V of Chapter 62-777, F.A.C.

U = Not Detected (at reported detection limit) or Below Detection Limit

I = A value with an 'i' flag indicates that the reported value is between the laboratory MDL and PQL.

BDL = Below Detectable Limits

**TABLE 3B: GROUNDWATER MONITORING WELL ANALYTICAL SUMMARY
(PAHs & TRPH)**

Facility Name: Clear Channel COMM

Facility ID#: 13/9200817

AEE Project #: 1134-01

Monitoring Well Location	Date Sampled	Acenaphthene	Acenaphthylene	Anthracene	Benzo(a)anthracene	Benzo(a)pyrene	Benzo(b)fluoranthene	Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Chrysene	Dibenzo(a,b)anthracene	Fluoranthene	Fluorene	Indeno(1,2,3-cd)pyrene	1-Methylnaphthalene	2-Methylnaphthalene	Naphthalene	Phenanthrene	Pyrene	TRPH (C8-C40)	
		ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	mg/l
MW-101	2/25/2016	0.37 I	0.31 U	0.19 U	0.031 U	0.031 U	0.031 U	0.031 U	0.031 U	0.031 U	0.031 U	0.42 I	0.60 I	0.031 U	0.31 U	0.31 U	0.31 U	0.31 U	0.53 I	0.31 I	0.249
MW-102	2/25/2016	0.33 I	0.31 U	0.21 I	0.031 U	0.031 U	0.031 U	0.031 U	0.031 U	0.031 U	0.031 U	0.20 I	0.91	0.031 U	0.31 U	0.31 U	0.31 U	0.20 I	0.19 U	0.89	
FL Groundwater Criteria		20	210	2100	0.05	0.2	0.05	210	0.5	4.8	0.005	280	280	0.05	28	28	14	210	210	5	

Notes:

NS = Not Sampled

NA = Not Analyzed

U = Not Detected (at reported detection limit) or Below Detection Limit

I = A value with an 'I' flag indicates that the reported value is between the laboratory method detection limit and practical quantitation limit.

TABLE 4
GROUNDWATER ELEVATION SUMMARY

Facility Name: Clear Channel COMM

Facility ID#: 13/9200817

AEE Project #: 1134-01

WELL NO.	MW-101			MW-102		
DIAMETER	2			2		
WELL DEPTH	13.00			13.00		
SCREEN INTERVAL	3-13			3-13		
TOC ELEVATION	20.00			19.75		
DATE	ELEV	DTW	FP	ELEV	DTW	FP
3/7/2016	14.96	5.04	0.00	14.97	4.78	0.00

Notes:

All Measurements = Feet

Blank = No Data

NM = Not Measured

NI = Not Installed

ATTACHMENT A
SOIL BORING LOGS

BORING LOG

Boring/Well Number: SB-1 / MW101		Permit Number:		FDEP Facility Identification Number: 13/9200817	
Site Name: Clear Channel COMM WIOD-AM		Borehole Start Date: 2/22/16	Borehole Start Time: 10:30 <input checked="" type="checkbox"/> AM <input type="checkbox"/> PM	End Date: 2/22/16	End Time: 11:25 <input checked="" type="checkbox"/> AM <input type="checkbox"/> PM
Environmental Contractor: American Environmental Eng.		Geologist's Name: Alireza Malek		Environmental Technician's Name: Selvin Newman	
Drilling Company: Enviro-Drill Inc.		Pavement Thickness (inches): 2	Borehole Diameter (inches): 8 1/2	Borehole Depth (feet): 13	
Drilling Method(s): HA / DP / SS		Apparent Borehole DTW (in feet from soil moisture content): 4.5	Measured Well DTW (in feet after water recharges in well): 4.8	OVA (list model and check type): Min Ra <input type="checkbox"/> FID <input checked="" type="checkbox"/> PID	
Disposition of Drill Cuttings [check method(s)]: <input checked="" type="checkbox"/> Drum <input type="checkbox"/> Spread <input type="checkbox"/> Backfill <input type="checkbox"/> Stockpile <input type="checkbox"/> Other (describe if other or multiple items are checked):					
Borehole Completion (check one): <input checked="" type="checkbox"/> Well <input type="checkbox"/> Grout <input type="checkbox"/> Bentonite <input type="checkbox"/> Backfill <input type="checkbox"/> Other (describe)					

Sample Type	Sample Depth Interval (feet)	Sample Recovery (inches)	SPT Blows (per six inches)	Unfiltered OVA	Filtered OVA	Net OVA	Depth (feet)	Sample Description (include grain size based on USCS, odors, staining, and other remarks)	USCS Symbol	Moisture Content	Lab Soil and Groundwater Samples (list sample number and depth or temporary screen interval)	
HA			NA			Ø	1	0-2" Asphalt		D		
			NA			Ø	2	Compacted lime rock off white, fill observed a thick layer of asphalt @ 2' BLS	LS	M	collected one soil sample for lab @ 3' BLS 1134-SB1-(@ 3' BLS 11:30 Note: assured that no asphalt pieces got into the sampling jar (Lab samples)	
			NA			Ø	3			W		
			5/5/4/6			Ø	4		W.T. @ 4.2' (From MW)	S		
						Ø	5	fine sand, calcareous off white in color				
						Ø	6					
							7	SS/BH, completed at this depth continued w/ HSA				
							8					
							9					
							10					
							11					
							12					
							13					
							14					
							15					
							16					

Sample Type Codes: PH = Post Hole; HA = Hand Auger; SS = Split Spoon; ST = Shelby Tube; DP = Direct Push; SC = Sonic Core; DC = Drill Cuttings
 Moisture Content Codes: D = Dry; M = Moist; W = Wet; S = Saturated

BORING LOG

Boring/Well Number: SB-2		Permit Number:		FDEP Facility Identification Number: 13/9200817	
Site Name: Clear Channel COMM WIOD-AM		Borehole Start Date: 2/22/16	Borehole Start Time: 13:30	<input type="checkbox"/> AM <input checked="" type="checkbox"/> PM	
		End Date: 2/22/16	End Time: 13:47	<input type="checkbox"/> AM <input checked="" type="checkbox"/> PM	
Environmental Contractor: American Environmental Eng.		Geologist's Name: Alreza Malek		Environmental Technician's Name: Selvin Newman	
Drilling Company: Enviro-Drill Inc.		Pavement Thickness (inches): 2"	Borehole Diameter (inches): 4	Borehole Depth (feet): 2	
Drilling Method(s): HA DP	Apparent Borehole DTW (in feet from soil moisture content): NA	Measured Well DTW (in feet after water recharges in well): NA	OVA (list model and check type): Min Rot <input type="checkbox"/> FID <input checked="" type="checkbox"/> PID		
Disposition of Drill Cuttings [check method(s)]: <input checked="" type="checkbox"/> Drum <input type="checkbox"/> Spread <input type="checkbox"/> Backfill <input type="checkbox"/> Stockpile <input type="checkbox"/> Other (describe if other or multiple items are checked):					
Borehole Completion (check one): <input type="checkbox"/> Well <input type="checkbox"/> Grout <input type="checkbox"/> Bentonite <input checked="" type="checkbox"/> Backfill <input type="checkbox"/> Other (describe)					

Sample Type	Sample Depth Interval (feet)	Sample Recovery (inches)	SPT Blows (per six inches)	Unfiltered OVA	Filtered OVA	Net OVA	Depth (feet)	Sample Description (include grain size based on USCS, odors, staining, and other remarks)	USCS Symbol	Moisture Content	Lab Soil and Groundwater Samples (list sample number and depth or temporary screen interval)
HA ↓						Ø	1	Ø-2" Asphalt Compacted lime rock off. white, fill Thin Small layer of asphalt @ 2' BLS		D	collected one sample * for Lab From 1-2' BLS 1134-SB2-2' BLS
						Ø	2		SB Terminated @ 2' BLS		
							3				<div style="border: 1px solid black; border-radius: 50%; padding: 10px; width: fit-content; margin: 10px auto;"> Note: Assured no asphalt pieces get into the Lab sample </div>
							4				
							5				
							6				
							7				
							8				
							9				
							10				
							11				
							12				
							13				
							14				
							15				
							16				

Sample Type Codes: PH = Post Hole; HA = Hand Auger; SS = Split Spoon; ST = Shelby Tube; DP = Direct Push; SC = Sonic Core; DC = Drill Cuttings
 Moisture Content Codes: D = Dry; M = Moist; W = Wet; S = Saturated

ATTACHMENT B
SOIL LABORATORY ANALYTICAL REPORT

Technical Report for

American Environmental Engineering

Clear Channel COMM-WIOD-AM; 1415 NE 79 St, N Bay Village, FL

1134-01/9200817

SGS Accutest Job Number: FA31592

Sampling Date: 02/22/16

Report to:

American Environmental Engineering
100 S Pine Island Rd
Plantation, FL 33324
aeemalek@bellsouth.net

ATTN: Ali Malek

Total number of pages in report: **17**



Test results contained within this data package meet the requirements of the National Environmental Laboratory Accreditation Program and/or state specific certification programs as applicable.

Norm Farmer
Technical Director

Client Service contact: Muna Mohammed 407-425-6700

Certifications: FL (E83510), LA (03051), KS (E-10327), IA (366), IL (200063), NC (573), NJ (FL002), SC (96038001)
DoD ELAP (L-A-B L2229), CA (2937), TX (T104704404), PA (68-03573), VA (460177),
AK, AR, GA, KY, MA, NV, OK, UT, WA

This report shall not be reproduced, except in its entirety, without the written approval of SGS Accutest.
Test results relate only to samples analyzed.

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1

2

3

4



Sample Summary

American Environmental Engineering

Job No: FA31592

Clear Channel COMM-WIOD-AM; 1415 NE 79 St, N Bay Village, FL
 Project No: 1134-01/9200817

Sample Number	Collected		Received	Matrix		Client Sample ID
	Date	Time By		Code	Type	
FA31592-1	02/22/16	11:30	SNAM02/23/16	SO	Soil	1134-SB1-3' BLS
FA31592-2	02/22/16	13:40	SNAM02/23/16	SO	Soil	1134-SB2-2' BLS

Soil samples reported on a dry weight basis unless otherwise indicated on result page.

Summary of Hits

Job Number: FA31592
Account: American Environmental Engineering
Project: Clear Channel COMM-WIOD-AM; 1415 NE 79 St, N Bay Village, FL
Collected: 02/22/16

Lab Sample ID	Client Sample ID	Result/ Qual	PQL	MDL	Units	Method
---------------	------------------	-----------------	-----	-----	-------	--------

FA31592-1 1134-SB1-3'BLS

Benzo(a)pyrene Equivalents ^a	0.56				mg/kg	SW846 8270D BY SIM
Anthracene	35.2 I	70	18		ug/kg	SW846 8270D BY SIM
Benzo(a)anthracene	326	14	3.5		ug/kg	SW846 8270D BY SIM
Benzo(a)pyrene	377	14	3.5		ug/kg	SW846 8270D BY SIM
Benzo(b)fluoranthene	486	14	3.5		ug/kg	SW846 8270D BY SIM
Benzo(g,h,i)perylene	288	14	3.5		ug/kg	SW846 8270D BY SIM
Benzo(k)fluoranthene	347	14	3.5		ug/kg	SW846 8270D BY SIM
Chrysene	489	14	3.5		ug/kg	SW846 8270D BY SIM
Dibenzo(a,h)anthracene	62.9	14	3.5		ug/kg	SW846 8270D BY SIM
Fluoranthene	812	70	18		ug/kg	SW846 8270D BY SIM
Indeno(1,2,3-cd)pyrene	335	14	3.5		ug/kg	SW846 8270D BY SIM
Phenanthrene	343	70	18		ug/kg	SW846 8270D BY SIM
Pyrene	671	70	18		ug/kg	SW846 8270D BY SIM
TPH (C8-C40)	16.7	9.0	5.4		mg/kg	FLORIDA-PRO

FA31592-2 1134-SB2-2'BLS

Benzo(a)pyrene Equivalents ^a	0.45				mg/kg	SW846 8270D BY SIM
Anthracene	28.5 I	70	17		ug/kg	SW846 8270D BY SIM
Benzo(a)anthracene	243	14	3.5		ug/kg	SW846 8270D BY SIM
Benzo(a)pyrene	298	14	3.5		ug/kg	SW846 8270D BY SIM
Benzo(b)fluoranthene	399	14	3.5		ug/kg	SW846 8270D BY SIM
Benzo(g,h,i)perylene	229	14	3.5		ug/kg	SW846 8270D BY SIM
Benzo(k)fluoranthene	276	14	3.5		ug/kg	SW846 8270D BY SIM
Chrysene	377	14	3.5		ug/kg	SW846 8270D BY SIM
Dibenzo(a,h)anthracene	52.7	14	3.5		ug/kg	SW846 8270D BY SIM
Fluoranthene	634	70	17		ug/kg	SW846 8270D BY SIM
Indeno(1,2,3-cd)pyrene	270	14	3.5		ug/kg	SW846 8270D BY SIM
Phenanthrene	236	70	17		ug/kg	SW846 8270D BY SIM
Pyrene	527	70	17		ug/kg	SW846 8270D BY SIM
TPH (C8-C40)	21.1	8.7	5.2		mg/kg	FLORIDA-PRO

(a) Total Benzo(a)pyrene Equivalents calculated as per FDEP Conversion Table [Revised 11-26-07]

Sample Results

Report of Analysis

Report of Analysis

3.1
3

Client Sample ID:	1134-SB1-3' BLS	Date Sampled:	02/22/16
Lab Sample ID:	FA31592-1	Date Received:	02/23/16
Matrix:	SO - Soil	Percent Solids:	92.6
Method:	SW846 8260B		
Project:	Clear Channel COMM-WIOD-AM; 1415 NE 79 St, N Bay Village, FL		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	Y26954.D	1	02/23/16	AD	n/a	n/a	VY1091
Run #2							

Run #	Initial Weight	Final Volume
Run #1	6.15 g	5.0 ml
Run #2		

Purgeable Aromatics, MTBE

CAS No.	Compound	Result	PQL	MDL	Units	Q
71-43-2	Benzene	1.1 U	4.4	1.1	ug/kg	
108-88-3	Toluene	0.99 U	4.4	0.99	ug/kg	
100-41-4	Ethylbenzene	0.96 U	4.4	0.96	ug/kg	
1330-20-7	Xylene (total)	2.5 U	13	2.5	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	0.97 U	4.4	0.97	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	110%		75-124%
17060-07-0	1,2-Dichloroethane-D4	113%		72-135%
2037-26-5	Toluene-D8	100%		75-126%
460-00-4	4-Bromofluorobenzene	100%		71-133%

U = Not detected MDL = Method Detection Limit I = Result > = MDL but < PQL J = Estimated value
 PQL = Practical Quantitation Limit V = Indicates analyte found in associated method blank
 L = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: 1134-SB1-3' BLS	
Lab Sample ID: FA31592-1	Date Sampled: 02/22/16
Matrix: SO - Soil	Date Received: 02/23/16
Method: SW846 8270D BY SIM SW846 3550C	Percent Solids: 92.6
Project: Clear Channel COMM-WIOD-AM; 1415 NE 79 St, N Bay Village, FL	

Run #1	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	W092319.D	1	02/29/16	MG	02/24/16	OP59460	SW4171
Run #2							

Run #1	Initial Weight	Final Volume
Run #1	15.4 g	1.0 ml
Run #2		

BN PAH List

CAS No.	Compound	Result	PQL	MDL	Units	Q
83-32-9	Acenaphthene	28 U	70	28	ug/kg	
208-96-8	Acenaphthylene	28 U	70	28	ug/kg	
120-12-7	Anthracene	35.2	70	18	ug/kg	I
56-55-3	Benzo(a)anthracene	326	14	3.5	ug/kg	
50-32-8	Benzo(a)pyrene	377	14	3.5	ug/kg	
205-99-2	Benzo(b)fluoranthene	486	14	3.5	ug/kg	
191-24-2	Benzo(g,h,i)perylene	288	14	3.5	ug/kg	
207-08-9	Benzo(k)fluoranthene	347	14	3.5	ug/kg	
218-01-9	Chrysene	489	14	3.5	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	62.9	14	3.5	ug/kg	
206-44-0	Fluoranthene	812	70	18	ug/kg	
86-73-7	Fluorene	28 U	70	28	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	335	14	3.5	ug/kg	
90-12-0	1-Methylnaphthalene	28 U	70	28	ug/kg	
91-57-6	2-Methylnaphthalene	28 U	70	28	ug/kg	
91-20-3	Naphthalene	28 U	70	28	ug/kg	
85-01-8	Phenanthrene	343	70	18	ug/kg	
129-00-0	Pyrene	671	70	18	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	84%		40-105%
321-60-8	2-Fluorobiphenyl	84%		43-107%
1718-51-0	Terphenyl-d14	93%		45-119%

U = Not detected MDL = Method Detection Limit I = Result >= MDL but < PQL J = Estimated value
 PQL = Practical Quantitation Limit V = Indicates analyte found in associated method blank
 L = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

3.1
3

Client Sample ID: 1134-SB1-3' BLS	
Lab Sample ID: FA31592-1	Date Sampled: 02/22/16
Matrix: SO - Soil	Date Received: 02/23/16
Method: SW846 8270D BY SIM	Percent Solids: 92.6
Project: Clear Channel COMM-WIOD-AM; 1415 NE 79 St, N Bay Village, FL	

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1		1	02/29/16	MG	n/a	n/a	R39874
Run #2							

CAS No.	Compound	Result	PQL	Units	Q
	Benzo(a)pyrene Equivalents ^a	0.56		mg/kg	

(a) Total Benzo(a)pyrene Equivalents calculated as per FDEP Conversion Table [Revised 11-26-07]

U = Not detected
 PQL = Practical Quantitation Limit
 L = Indicates value exceeds calibration range

I = Result > = MDL but < PQL J = Estimated value
 V = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

3.1
3

Client Sample ID: 1134-SB1-3' BLS	Date Sampled: 02/22/16
Lab Sample ID: FA31592-1	Date Received: 02/23/16
Matrix: SO - Soil	Percent Solids: 92.6
Method: FLORIDA-PRO SW846 3550C	
Project: Clear Channel COMM-WIOD-AM; 1415 NE 79 St, N Bay Village, FL	

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	LL67205.D	1	02/26/16	FEA	02/25/16	OP59470	GLL2320
Run #2							

Run #	Initial Weight	Final Volume
Run #1	30.0 g	1.0 ml
Run #2		

CAS No.	Compound	Result	PQL	MDL	Units	Q
	TPH (C8-C40)	16.7	9.0	5.4	mg/kg	
CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits		
84-15-1	o-Terphenyl	76%		52-133%		

U = Not detected MDL = Method Detection Limit I = Result > = MDL but < PQL J = Estimated value
 PQL = Practical Quantitation Limit V = Indicates analyte found in associated method blank
 L = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	1134-SB2-2' BLS		
Lab Sample ID:	FA31592-2	Date Sampled:	02/22/16
Matrix:	SO - Soil	Date Received:	02/23/16
Method:	SW846 8260B	Percent Solids:	94.3
Project:	Clear Channel COMM-WIOD-AM; 1415 NE 79 St, N Bay Village, FL		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	Y26957.D	1	02/23/16	AD	n/a	n/a	VY1091
Run #2							

Run #	Initial Weight	Final Volume
Run #1	5.09 g	5.0 ml
Run #2		

Purgeable Aromatics, MTBE

CAS No.	Compound	Result	PQL	MDL	Units	Q
71-43-2	Benzene	1.3 U	5.2	1.3	ug/kg	
108-88-3	Toluene	1.2 U	5.2	1.2	ug/kg	
100-41-4	Ethylbenzene	1.1 U	5.2	1.1	ug/kg	
1330-20-7	Xylene (total)	3.0 U	16	3.0	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	1.2 U	5.2	1.2	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	104%		75-124%
17060-07-0	1,2-Dichloroethane-D4	114%		72-135%
2037-26-5	Toluene-D8	98%		75-126%
460-00-4	4-Bromofluorobenzene	91%		71-133%

U = Not detected MDL = Method Detection Limit
PQL = Practical Quantitation Limit
L = Indicates value exceeds calibration range

I = Result > = MDL but < PQL J = Estimated value
V = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: 1134-SB2-2' BLS	
Lab Sample ID: FA31592-2	Date Sampled: 02/22/16
Matrix: SO - Soil	Date Received: 02/23/16
Method: SW846 8270D BY SIM SW846 3550C	Percent Solids: 94.3
Project: Clear Channel COMM-WIOD-AM; 1415 NE 79 St, N Bay Village, FL	

Run #1	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	W092320.D	1	02/29/16	MG	02/24/16	OP59460	SW4171
Run #2							

Run #1	Initial Weight	Final Volume
Run #1	15.2 g	1.0 ml
Run #2		

BN PAH List

CAS No.	Compound	Result	PQL	MDL	Units	Q
83-32-9	Acenaphthene	28 U	70	28	ug/kg	
208-96-8	Acenaphthylene	28 U	70	28	ug/kg	
120-12-7	Anthracene	28.5	70	17	ug/kg	I
56-55-3	Benzo(a)anthracene	243	14	3.5	ug/kg	
50-32-8	Benzo(a)pyrene	298	14	3.5	ug/kg	
205-99-2	Benzo(b)fluoranthene	399	14	3.5	ug/kg	
191-24-2	Benzo(g,h,i)perylene	229	14	3.5	ug/kg	
207-08-9	Benzo(k)fluoranthene	276	14	3.5	ug/kg	
218-01-9	Chrysene	377	14	3.5	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	52.7	14	3.5	ug/kg	
206-44-0	Fluoranthene	634	70	17	ug/kg	
86-73-7	Fluorene	28 U	70	28	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	270	14	3.5	ug/kg	
90-12-0	1-Methylnaphthalene	28 U	70	28	ug/kg	
91-57-6	2-Methylnaphthalene	28 U	70	28	ug/kg	
91-20-3	Naphthalene	28 U	70	28	ug/kg	
85-01-8	Phenanthrene	236	70	17	ug/kg	
129-00-0	Pyrene	527	70	17	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	85%		40-105%
321-60-8	2-Fluorobiphenyl	84%		43-107%
1718-51-0	Terphenyl-d14	94%		45-119%

U = Not detected MDL = Method Detection Limit I = Result >= MDL but < PQL J = Estimated value
 PQL = Practical Quantitation Limit V = Indicates analyte found in associated method blank
 L = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

32
3

Client Sample ID:	1134-SB2-2' BLS	Date Sampled:	02/22/16
Lab Sample ID:	FA31592-2	Date Received:	02/23/16
Matrix:	SO - Soil	Percent Solids:	94.3
Method:	SW846 8270D BY SIM		
Project:	Clear Channel COMM-WIOD-AM; 1415 NE 79 St, N Bay Village, FL		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1		1	02/29/16	MG	n/a	n/a	R39873
Run #2							

CAS No.	Compound	Result	PQL	Units	Q
	Benzo(a)pyrene Equivalents ^a	0.45		mg/kg	

(a) Total Benzo(a)pyrene Equivalents calculated as per FDEP Conversion Table [Revised 11-26-07]

U = Not detected
 PQL = Practical Quantitation Limit
 L = Indicates value exceeds calibration range

I = Result > = MDL but < PQL J = Estimated value
 V = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

32
3

Client Sample ID: 1134-SB2-2' BLS		Date Sampled: 02/22/16
Lab Sample ID: FA31592-2		Date Received: 02/23/16
Matrix: SO - Soil		Percent Solids: 94.3
Method: FLORIDA-PRO SW846 3550C		
Project: Clear Channel COMM-WIOD-AM; 1415 NE 79 St, N Bay Village, FL		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	LL67202.D	1	02/26/16	FEA	02/25/16	OP59470	GLL2320
Run #2							

Run #	Initial Weight	Final Volume
Run #1	30.3 g	1.0 ml
Run #2		

CAS No.	Compound	Result	PQL	MDL	Units	Q
	TPH (C8-C40)	21.1	8.7	5.2	mg/kg	
CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits		
84-15-1	o-Terphenyl	74%		52-133%		

U = Not detected MDL = Method Detection Limit I = Result > = MDL but < PQL J = Estimated value
 PQL = Practical Quantitation Limit V = Indicates analyte found in associated method blank
 L = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Misc. Forms

Custody Documents and Other Forms

Includes the following where applicable:

- Chain of Custody



Accutest Laboratories Southeast

Chain of Custody

4405 Vineland Road, Suite C-15 Orlando, FL 32811
 TEL: 407-425-6700 • FAX: 407-425-0707
 www.accutest.com

FA31592

Accutest JOB #

PAGE 1 OF 1

Accutest Quote # SKIFF#

Client / Reporting Information		Project Information		Analytical Information								Matrix Codes	
Company Name <i>American Env. Engineering</i>		Project Name <i>Clear Channel COMM-WIDD-AM</i>										DW - Drinking Water	
Address <i>100 S. Pine Island Rd</i>		Street <i>1415 NE 79 Street</i>										GW - Ground Water	
City <i>Plantation</i> State <i>FL</i> Zip <i>33324</i>		City <i>N. Bay Village</i> State <i>FL</i>										WW - Water	
Project Contact <i>Ali Makk</i> E-mail		Project # <i>1134-01</i> / <i>9200817</i>										SW - Surface Water	
Phone# <i>(954) 296-4290</i>		Fax #										SO - Soil	
Sampler(s) Name(s) (Printed) <i>Ali Makk / Selvin Newman</i>		Client Purchase Order # <i>1134-01</i>										SL - Sludge	
												OI - Oil	
												LIQ - Other Liquid	
												AIR - Air	
												SOL - Other Solid	
												WP - Wipe	

Accutest Sample #	Field ID / Point of Collection	COLLECTION		CONTAINER INFORMATION													LAB USE ONLY								
		DATE	TIME	SAMPLED BY	MATRIX	TOTAL # OF BOTTLES	OTHER BOTTLES	POC	NUPH	PMS	WASHING	UNWATER	MICH	BTEX/MTBE (\$20)	PAHs (8270)	TRPH (FL-PRO)		SPLP *	TRPH (MADEP) <i>FL-PC</i>	<i>Pre-burn</i>					
①	1134-SB1-3/BLS	7/27/16	11:30	AM	SO	4	1	2							2	2	✓	✓	✓						
②	1134-SB2-2/BLS	7/27/16	13:40	AM	SO	7	1	2							2	2	✓	✓	✓						
	1134-Preburn																								

TURNAROUND TIME (Business Days)		Data Deliverable Information			Comments / Remarks		
<input type="checkbox"/> 10 Days Standard <input type="checkbox"/> 7 Day RUSH <input type="checkbox"/> 5 Day RUSH <input type="checkbox"/> 3 Day EMERGENCY <input type="checkbox"/> 2 Day EMERGENCY <input type="checkbox"/> 1 Day EMERGENCY <input type="checkbox"/> OTHER	Approved By: / Rush Code _____	<input type="checkbox"/> COMMERCIAL "A" (RESULTS ONLY) <input type="checkbox"/> COMMERCIAL "B" (RESULTS PLUS QC) <input type="checkbox"/> REDT1 (EPA LEVEL 3) <input type="checkbox"/> FULT1 (EPA LEVEL 4) <input type="checkbox"/> EDD'S	* Hold until other analysis results are reported				
Emergency or Rush T/A Data Available VIA Email or Lablink		** Encore Samples provided					

Sample Custody must be documented below each time samples change possession, including courier delivery.

Relinquished by Sampler: 1 <i>Selvin Newman</i>	Date / Time: <i>7/27/16 16:55</i>	Received By: <i>FX</i>	Relinquished by: <i>FX</i>	Date / Time: _____	Received By: _____
Relinquished by: 5	Date / Time: <i>16:55</i>	Received By: _____	Relinquished by: _____	Date / Time: _____	Received By: _____
Relinquished by: _____	Date / Time: _____	Received By: _____	Relinquished by: _____	Date / Time: _____	Received By: _____

Lab Use Only: Custody Seal in Place: Y N Temp Blank Provided: Y N Preserved where Applicable: Y N Total # of Coolers: ① Cooler Temperature (s) Celsius: 3.4

FA31592: Chain of Custody

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ACCUTEST LABORATORIES SAMPLE RECEIPT CONFIRMATION

ACCUTEST'S JOB NUMBER: FA31592 CLIENT: AEE PROJECT: 1139-01/9200819
 DATE/TIME RECEIVED: 2/23/16 9:45 (MM/DD/YY 24:00) NUMBER OF COOLERS RECEIVED: 1
 METHOD OF DELIVERY: FEDEX UPS ACCUTEST COURIER DELIVERY OTHER: _____
 AIRBILL NUMBERS: 8088 8917 4265

COOLER INFORMATION

- CUSTODY SEAL NOT PRESENT OR NOT INTACT
- CHAIN OF CUSTODY NOT RECEIVED (COC)
- ANALYSIS REQUESTED IS UNCLEAR OR MISSING
- SAMPLE DATES OR TIMES UNCLEAR OR MISSING
- TEMPERATURE CRITERIA NOT MET

TRIP BLANK INFORMATION

- TRIP BLANK PROVIDED
- TRIP BLANK NOT PROVIDED
- TRIP BLANK NOT ON COC
- TRIP BLANK INTACT
- TRIP BLANK NOT INTACT
- RECEIVED WATER TRIP BLANK
- RECEIVED SOIL TRIP BLANK

MISC. INFORMATION

NUMBER OF ENCORES ? 25-GRAM 2 5-GRAM _____
 NUMBER OF 5035 FIELD KITS ? 2
 NUMBER OF LAB FILTERED METALS ? _____

TEST STRIP LOT#s pH 0-3 204413A pH 10-12 219813A OTHER (specify) _____

SUMMARY OF COMMENTS: _____

TEMPERATURE INFORMATION

- IR THERM ID 1 CORR. FACTOR +0.2
- OBSERVED TEMPS: 3.2
- CORRECTED TEMPS: 3.4 (USED FOR LIMS)

SAMPLE INFORMATION

- INCORRECT NUMBER OF CONTAINERS USED
- SAMPLE RECEIVED IMPROPERLY PRESERVED
- INSUFFICIENT VOLUME FOR ANALYSIS
- DATES/TIMES ON COC DO NOT MATCH SAMPLE LABEL
- ID'S ON COC DO NOT MATCH LABEL
- VOC VIALS HAVE HEADSPACE (MACRO BUBBLES)
- BOTTLES RECEIVED BUT ANALYSIS NOT REQUESTED
- NO BOTTLES RECEIVED FOR ANALYSIS REQUESTED
- UNCLEAR FILTERING OR COMPOSITING INSTRUCTIONS
- SAMPLE CONTAINER(S) RECEIVED BROKEN
- 5035 FIELD KITS NOT RECEIVED WITHIN 48 HOURS
- BULK VOA SOIL JARS NOT RECEIVED WITHIN 48 HOURS
- % SOLIDS JAR NOT RECEIVED
- RESIDUAL CHLORINE PRESENT LOT# _____

(APPLICABLE TO EPA 600 SERIES OR NORTH CAROLINA ORGANICS)

TECHNICIAN SIGNATURE/DATE [Signature] 2/23/16 REVIEWER SIGNATURE/DATE [Signature] 2/23/16

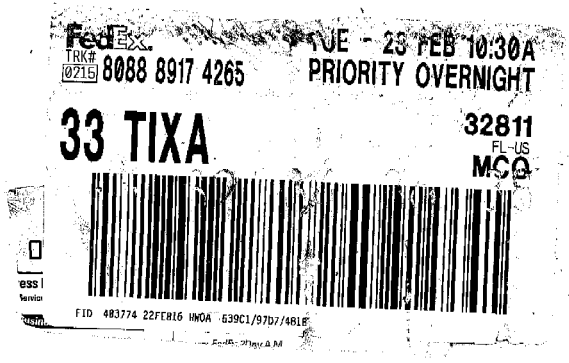
NF 11/15

receipt confirmation 111015.xls

FA31592: Chain of Custody

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FA31592: Chain of Custody
Page 3 of 3

ATTACHMENT C
BENZO(a)PYRENE CONVERSION TABLES

Benzo(a)pyrene Conversion Table

For Direct Exposure Soil Cleanup Target Levels

Site Name: Clear Channel Comm. WIOD-AM
 Location: 1401 NE 79th Street, North Bay Village, Miami Fl.
 Facility ID No.: 13/9200817

Soil Sample No. 1134-SB1-3'BLS
 Sample Date 2/22/2016
 Location: SB-1
 Depth (ft): 3' BLS

INSTRUCTIONS: Calculate Total Benzo(a)pyrene Equivalents if at least one of the carcinogenic PAHs is detected in the sample at a concentration equal to or higher than the Method Detection Limit (MDL), whether quantified with certainty (the concentration reported has no qualifier) or estimated (the concentration reported has a "J", "T" or "I" qualifier). Enter the contaminant concentrations (in mg/kg) for all seven carcinogenic PAHs in the yellow boxes using the following criteria (and see table below):

1. If quantified with certainty, or estimated and has the "J" qualifier, enter the reported value;
2. If not detected at the MDL (the concentration reported is the MDL followed by the "U" qualifier) enter 1/2 of the reported value;
3. If detected at a concentration lower than the MDL and the concentration is estimated (has the "T" qualifier) enter the estimated value;
4. If detected at a concentration equal to or higher than the MDL but lower than the Practical Quantitation Limit (PQL) and the concentration is estimated (has the "I" qualifier) enter the estimated value;
5. If detected at a concentration equal to or higher than the MDL but lower than the PQL and it is not estimated (the concentration reported is the PQL followed by the "M" qualifier) enter 1/2 of the reported value.

Contaminant	Concentration (mg/kg)	Toxic Equivalency Factor	Benzo(a)pyrene Equivalents
Benzo(a)pyrene	377.000	1.0	377.000
Benzo(a)anthracene	326.000	0.1	32.600
Benzo(b)fluoranthene	486.000	0.1	48.600
Benzo(k)fluoranthene	347.000	0.01	3.470
Chrysene	486.000	0.001	0.486
Dibenz(a,h)anthracene	62.900	1.0	62.900
Indeno(1,2,3-cd)pyrene	335.000	0.1	33.500

DE Residential = 0.1 mg/kg; DE Industrial = 0.7 mg/kg

Total Benzo(a)pyrene Equivalents = **558.6**

The concentration shown EXCEEDS the Residential Direct Exposure SCTL of 0.1 mg/kg.

The concentration shown EXCEEDS the Industrial Direct Exposure SCTL of 0.7 mg/kg.

Summary Criteria for Table Entries			
Detection	Concentration Reported	Data Qualifier	Enter
Various	Quantified with certainty	None	reported value
Various	Estimated	J	reported (estimated) value
ND at MDL	MDL	U	1/2 reported value
< MDL	Estimated	T	reported (estimated) value
≥ MDL but < PQL	Estimated	I	reported (estimated) value
≥ MDL but < PQL	PQL	M	1/2 reported value

Benzo(a)pyrene Conversion Table

For Direct Exposure Soil Cleanup Target Levels

Site Name: Clear Channel Comm. WIOD-AM
 Location: 1401 NE 79th Street, North Bay Village, Miami Fl.
 Facility ID No.: 13/9200817

Soil Sample No. 1134-SB2-2'BLS
 Sample Date 2/22/2016
 Location: SB-2
 Depth (ft): 2' BLS

INSTRUCTIONS: Calculate Total Benzo(a)pyrene Equivalents if at least one of the carcinogenic PAHs is detected in the sample at a concentration equal to or higher than the Method Detection Limit (MDL), whether quantified with certainty (the concentration reported has no qualifier) or estimated (the concentration reported has a "J", "T" or "I" qualifier). Enter the contaminant concentrations (in mg/kg) for all seven carcinogenic PAHs in the yellow boxes using the following criteria (and see table below):

1. If quantified with certainty, or estimated and has the "J" qualifier, enter the reported value;
2. If not detected at the MDL (the concentration reported is the MDL followed by the "U" qualifier) enter 1/2 of the reported value;
3. If detected at a concentration lower than the MDL and the concentration is estimated (has the "T" qualifier) enter the estimated value;
4. If detected at a concentration equal to or higher than the MDL but lower than the Practical Quantitation Limit (PQL) and the concentration is estimated (has the "I" qualifier) enter the estimated value;
5. If detected at a concentration equal to or higher than the MDL but lower than the PQL and it is not estimated (the concentration reported is the PQL followed by the "M" qualifier) enter 1/2 of the reported value.

Contaminant	Concentration (mg/kg)	Toxic Equivalency Factor	Benzo(a)pyrene Equivalents
Benzo(a)pyrene	298.000	1.0	298.000
Benzo(a)anthracene	243.000	0.1	24.300
Benzo(b)fluoranthene	399.000	0.1	39.900
Benzo(k)fluoranthene	276.000	0.01	2.760
Chrysene	377.000	0.001	0.377
Dibenz(a,h)anthracene	52.700	1.0	52.700
Indeno(1,2,3-cd)pyrene	270.000	0.1	27.000

DE Residential = 0.1 mg/kg; DE Industrial = 0.7 mg/kg

Total Benzo(a)pyrene Equivalents = **445.0**

The concentration shown EXCEEDS the Residential Direct Exposure SCTL of 0.1 mg/kg.

The concentration shown EXCEEDS the Industrial Direct Exposure SCTL of 0.7 mg/kg.

Summary Criteria for Table Entries			
Detection	Concentration Reported	Data Qualifier	Enter
Various	Quantified with certainty	None	reported value
Various	Estimated	J	reported (estimated) value
ND at MDL	MDL	U	1/2 reported value
< MDL	Estimated	T	reported (estimated) value
≥ MDL but < PQL	Estimated	I	reported (estimated) value
≥ MDL but < PQL	PQL	M	1/2 reported value

ATTACHMENT D

WELL CONSTRUCTION AND DEVELOPMENT LOGS

WELL CONSTRUCTION AND DEVELOPMENT LOG

WELL CONSTRUCTION DATA					
Well Number: MW-101	Site Name: Clear Channel COMM WIOD-AM	FDEP Facility I.D. Number: 13/9200817	Well Install Date(s): 2/22/16		
Well Location and Type (check appropriate boxes): <input checked="" type="checkbox"/> On-Site <input type="checkbox"/> Right-of-Way <input type="checkbox"/> Off-Site Private Property <input type="checkbox"/> Above Grade (AG) <input checked="" type="checkbox"/> Flush-to-Grade		Well Purpose: <input type="checkbox"/> Perched Monitoring <input checked="" type="checkbox"/> Shallow (Water-Table) Monitoring <input type="checkbox"/> Intermediate or Deep Monitoring <input type="checkbox"/> Remediation or Other (describe)		Well Install Method: HSA	
If AG, list feet of riser above land surface:				Surface Casing Install Method: NA	
Borehole Depth (feet): 13	Well Depth (feet): 13	Borehole Diameter (inches): 8.5	Manhole Diameter (inches): 8	Well Pad Size: 2 feet by 2 feet	
Riser Diameter and Material: 2", Sch. 40 PVC	Riser/Screen Connections: <input checked="" type="checkbox"/> Flush-Threaded <input type="checkbox"/> Other (describe)			Riser Length: 3 feet from 3 feet to 0 feet	
Screen Diameter and Material: 2", Sch. 40 PVC		Screen Slot Size: 0.001		Screen Length: 10 feet from 13 feet to 3 feet	
1st Surface Casing Material: also check: <input type="checkbox"/> Permanent <input type="checkbox"/> Temporary		1st Surface Casing I.D. (inches):		1st Surface Casing Length: _____ feet from _____ feet to _____ feet	
2nd Surface Casing Material: also check: <input type="checkbox"/> Permanent <input checked="" type="checkbox"/> Temporary		2nd Surface Casing I.D. (inches):		2nd Surface Casing Length: _____ feet from _____ feet to _____ feet	
3rd Surface Casing Material: also check: <input type="checkbox"/> Permanent <input type="checkbox"/> Temporary		3rd Surface Casing I.D. (inches):		3rd Surface Casing Length: _____ feet from _____ feet to _____ feet	
Filter Pack Material and Size: Sand	Prepacked Filter Around Screen (check one): <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		Filter Pack Length: 11 feet from 13 feet to 2 feet		
Filter Pack Seal Material and Size:	Fine Sand		Filter Pack Seal Length: 1 feet from 2 feet to 1 feet		
Surface Seal Material:	Grout		Surface Seal Length: 1 feet from 1 feet to 0 feet		

WELL DEVELOPMENT DATA			
Well Development Date: 2/22/16	Well Development Method (check one): <input type="checkbox"/> Surge/Pump <input checked="" type="checkbox"/> Pump <input type="checkbox"/> Compressed Air <input type="checkbox"/> Other (describe)		
Development Pump Type (check): <input checked="" type="checkbox"/> Submersible <input type="checkbox"/> Centrifugal <input type="checkbox"/> Peristaltic <input type="checkbox"/> Other (describe)	Depth to Groundwater (before developing in feet): 4.58		
Pumping Rate (gallons per minute): 1	Maximum Drawdown of Groundwater During Development (feet): ~0.3	Well Purged Dry (check one): <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Pumping Condition (check one): <input checked="" type="checkbox"/> Continuous <input type="checkbox"/> Intermittent	Total Development Water Removed (gallons): 25	Development Duration (minutes): 25	Development Water Drummed (check one): <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Water Appearance (color and odor) At Start of Development: Cloudy / slight HC odor		Water Appearance (color and odor) At End of Development: clear / no silt slight HC odor	

WELL CONSTRUCTION OR DEVELOPMENT REMARKS

WELL CONSTRUCTION AND DEVELOPMENT LOG

WELL CONSTRUCTION DATA					
Well Number: MW-102	Site Name: Clear Channel COMM WIOD-AM	FDEP Facility I.D. Number: 13/9200817	Well Install Date(s): 2/22/16		
Well Location and Type (check appropriate boxes): <input checked="" type="checkbox"/> On-Site <input type="checkbox"/> Right-of-Way <input type="checkbox"/> Off-Site Private Property <input type="checkbox"/> Above Grade (AG) <input checked="" type="checkbox"/> Flush-to-Grade		Well Purpose: <input type="checkbox"/> Perched Monitoring <input checked="" type="checkbox"/> Shallow (Water-Table) Monitoring <input type="checkbox"/> Intermediate or Deep Monitoring <input type="checkbox"/> Remediation or Other (describe)		Well Install Method: HSA	
If AG, list feet of riser above land surface:				Surface Casing Install Method: NA	
Borehole Depth (feet): 13	Well Depth (feet): 13	Borehole Diameter (inches): 8.5	Manhole Diameter (inches): 8	Well Pad Size: 2 feet by 2 feet	
Riser Diameter and Material: 2", Sch. 40 PVC		Riser/Screen Connections: <input type="checkbox"/> Flush-Threaded <input type="checkbox"/> Other (describe)	Riser Length: 3 feet from 3 feet to 0 feet		
Screen Diameter and Material: 2", Sch. 40 PVC		Screen Slot Size: 0.001	Screen Length: 10 feet from 13 feet to 3 feet		
1st Surface Casing Material: also check: <input type="checkbox"/> Permanent <input type="checkbox"/> Temporary		1st Surface Casing I.D. (inches):		1st Surface Casing Length: ___ feet from ___ feet to ___ feet	
2nd Surface Casing Material: also check: <input type="checkbox"/> Permanent <input checked="" type="checkbox"/> Temporary		2nd Surface Casing I.D. (inches):		2nd Surface Casing Length: ___ feet from ___ feet to ___ feet	
3rd Surface Casing Material: also check: <input type="checkbox"/> Permanent <input type="checkbox"/> Temporary		3rd Surface Casing I.D. (inches):		3rd Surface Casing Length: ___ feet from ___ feet to ___ feet	
Filter Pack Material and Size: Sand		Prepacked Filter Around Screen (check one): <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		Filter Pack Length: 11 feet from 13 feet to 2 feet	
Filter Pack Seal Material and Size:		Fine Sand		Filter Pack Seal Length: 1 feet from 2 feet to 1 feet	
Surface Seal Material:		Grout		Surface Seal Length: 1 feet from 1 feet to 0 feet	

WELL DEVELOPMENT DATA			
Well Development Date: 2/22/16	Well Development Method (check one): <input type="checkbox"/> Surge/Pump <input checked="" type="checkbox"/> Pump <input type="checkbox"/> Compressed Air <input type="checkbox"/> Other (describe)		
Development Pump Type (check): <input checked="" type="checkbox"/> Submersible <input type="checkbox"/> Centrifugal <input type="checkbox"/> Peristaltic <input type="checkbox"/> Other (describe)		Depth to Groundwater (before developing in feet): 4.54	
Pumping Rate (gallons per minute): 1	Maximum Drawdown of Groundwater During Development (feet): ~0.4	Well Purged Dry (check one): <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Pumping Condition (check one): <input type="checkbox"/> Continuous <input type="checkbox"/> Intermittent	Total Development Water Removed (gallons): 25	Development Duration (minutes): 25	Development Water Drummed (check one): <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Water Appearance (color and odor) At Start of Development: Silty cloudy / HC odor		Water Appearance (color and odor) At End of Development: Clear, slight HC odor	

WELL CONSTRUCTION OR DEVELOPMENT REMARKS

ATTACHMENT E

GROUNDWATER LABORATORY ANALYTICAL REPORT

Technical Report for

American Environmental Engineering

Clear Channel COMM-WIOD-AM; 1415 NE 79 St, N Bay Village, FL

1134-01/9200817

SGS Accutest Job Number: FA31769

Sampling Date: 02/25/16

Report to:

aenewman@bellsouth.net

ATTN: Distribution5

Total number of pages in report: 14



Test results contained within this data package meet the requirements of the National Environmental Laboratory Accreditation Program and/or state specific certification programs as applicable.

Norm Farmer
Technical Director

Client Service contact: Muna Mohammed 407-425-6700

Certifications: FL (E83510), LA (03051), KS (E-10327), IA (366), IL (200063), NC (573), NJ (FL002), SC (96038001)
DoD ELAP (L-A-B L2229), CA (2937), TX (T104704404), PA (68-03573), VA (460177),
AK, AR, GA, KY, MA, NV, OK, UT, WA

This report shall not be reproduced, except in its entirety, without the written approval of SGS Accutest.
Test results relate only to samples analyzed.

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Sample Summary

American Environmental Engineering

Job No: FA31769

Clear Channel COMM-WIOD-AM; 1415 NE 79 St, N Bay Village, FL
Project No: 1134-01/9200817

Sample Number	Collected		Received	Matrix		Client Sample ID
	Date	Time By		Code	Type	
FA31769-1	02/25/16	11:13 SN	02/27/16	AQ	Ground Water	1134-MW101-022516
FA31769-2	02/25/16	10:45 SN	02/27/16	AQ	Ground Water	1134-MW102-022516

Summary of Hits

Job Number: FA31769
Account: American Environmental Engineering
Project: Clear Channel COMM-WIOD-AM; 1415 NE 79 St, N Bay Village, FL
Collected: 02/25/16

Lab Sample ID	Client Sample ID	Result/ Qual	PQL	MDL	Units	Method
FA31769-1	1134-MW101-022516					
Acenaphthene		0.37 I	0.77	0.31	ug/l	SW846 8270D BY SIM
Fluoranthene		0.42 I	0.77	0.19	ug/l	SW846 8270D BY SIM
Fluorene		0.60 I	0.77	0.19	ug/l	SW846 8270D BY SIM
Phenanthrene		0.53 I	0.77	0.19	ug/l	SW846 8270D BY SIM
Pyrene		0.31 I	0.77	0.19	ug/l	SW846 8270D BY SIM
TPH (C8-C40)		0.249	0.24	0.14	mg/l	FLORIDA-PRO
FA31769-2	1134-MW102-022516					
Acenaphthene		0.33 I	0.77	0.31	ug/l	SW846 8270D BY SIM
Anthracene		0.21 I	0.77	0.19	ug/l	SW846 8270D BY SIM
Fluoranthene		0.20 I	0.77	0.19	ug/l	SW846 8270D BY SIM
Fluorene		0.91	0.77	0.19	ug/l	SW846 8270D BY SIM
Phenanthrene		0.20 I	0.77	0.19	ug/l	SW846 8270D BY SIM
TPH (C8-C40)		0.890	0.24	0.14	mg/l	FLORIDA-PRO

Sample Results

Report of Analysis

Report of Analysis

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Client Sample ID: 1134-MW101-022516		Date Sampled: 02/25/16
Lab Sample ID: FA31769-1		Date Received: 02/27/16
Matrix: AQ - Ground Water		Percent Solids: n/a
Method: SW846 8260B		
Project: Clear Channel COMM-WIOD-AM; 1415 NE 79 St, N Bay Village, FL		

Run #1	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	C0114034.D	1	03/02/16	EP	n/a	n/a	VC4541
Run #2							

Run #1	Run #2	Purge Volume
Run #1	Run #2	5.0 ml

Purgeable Aromatics, MTBE

CAS No.	Compound	Result	PQL	MDL	Units	Q
71-43-2	Benzene	0.20 U	1.0	0.20	ug/l	
108-88-3	Toluene	0.20 U	1.0	0.20	ug/l	
100-41-4	Ethylbenzene	0.25 U	1.0	0.25	ug/l	
1330-20-7	Xylene (total)	0.56 U	3.0	0.56	ug/l	
1634-04-4	Methyl Tert Butyl Ether	0.20 U	1.0	0.20	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	110%		83-118%
17060-07-0	1,2-Dichloroethane-D4	105%		79-125%
2037-26-5	Toluene-D8	101%		85-112%
460-00-4	4-Bromofluorobenzene	94%		83-118%

U = Not detected MDL = Method Detection Limit I = Result >= MDL but < PQL J = Estimated value
 PQL = Practical Quantitation Limit V = Indicates analyte found in associated method blank
 L = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: 1134-MW101-022516	
Lab Sample ID: FA31769-1	Date Sampled: 02/25/16
Matrix: AQ - Ground Water	Date Received: 02/27/16
Method: SW846 8270D BY SIM SW846 3510C	Percent Solids: n/a
Project: Clear Channel COMM-WIOD-AM; 1415 NE 79 St, N Bay Village, FL	

Run #1	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	R455564.D	1	03/03/16	EM	03/01/16	OP59541	SR2501
Run #2							

Run #1	Initial Volume	Final Volume
Run #1	260 ml	1.0 ml
Run #2		

BN PAH List

CAS No.	Compound	Result	PQL	MDL	Units	Q
83-32-9	Acenaphthene	0.37	0.77	0.31	ug/l	I
208-96-8	Acenaphthylene	0.31 U	0.77	0.31	ug/l	
120-12-7	Anthracene	0.19 U	0.77	0.19	ug/l	
56-55-3	Benzo(a)anthracene	0.031 U	0.15	0.031	ug/l	
50-32-8	Benzo(a)pyrene	0.031 U	0.15	0.031	ug/l	
205-99-2	Benzo(b)fluoranthene	0.031 U	0.15	0.031	ug/l	
191-24-2	Benzo(g,h,i)perylene	0.031 U	0.15	0.031	ug/l	
207-08-9	Benzo(k)fluoranthene	0.031 U	0.15	0.031	ug/l	
218-01-9	Chrysene	0.031 U	0.15	0.031	ug/l	
53-70-3	Dibenzo(a,h)anthracene	0.031 U	0.15	0.031	ug/l	
206-44-0	Fluoranthene	0.42	0.77	0.19	ug/l	I
86-73-7	Fluorene	0.60	0.77	0.19	ug/l	I
193-39-5	Indeno(1,2,3-cd)pyrene	0.031 U	0.15	0.031	ug/l	
90-12-0	1-Methylnaphthalene	0.31 U	0.77	0.31	ug/l	
91-57-6	2-Methylnaphthalene	0.31 U	0.77	0.31	ug/l	
91-20-3	Naphthalene	0.31 U	0.77	0.31	ug/l	
85-01-8	Phenanthrene	0.53	0.77	0.19	ug/l	I
129-00-0	Pyrene	0.31	0.77	0.19	ug/l	I

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	73%		41-129%
321-60-8	2-Fluorobiphenyl	73%		41-118%
1718-51-0	Terphenyl-d14	93%		45-145%

U = Not detected MDL = Method Detection Limit

PQL = Practical Quantitation Limit

L = Indicates value exceeds calibration range

I = Result >= MDL but < PQL J = Estimated value

V = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

3.1
3

Client Sample ID: 1134-MW101-022516		Date Sampled: 02/25/16
Lab Sample ID: FA31769-1		Date Received: 02/27/16
Matrix: AQ - Ground Water		Percent Solids: n/a
Method: FLORIDA-PRO SW846 3510C		
Project: Clear Channel COMM-WIOD-AM; 1415 NE 79 St, N Bay Village, FL		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	LL67327.D	1	03/02/16	FEA	03/01/16	OP59527	GLL2322
Run #2							

	Initial Volume	Final Volume
Run #1	1060 ml	1.0 ml
Run #2		

CAS No.	Compound	Result	PQL	MDL	Units	Q
	TPH (C8-C40)	0.249	0.24	0.14	mg/l	
CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits		
84-15-1	o-Terphenyl	100%		41-146%		

U = Not detected MDL = Method Detection Limit I = Result > = MDL but < PQL J = Estimated value
 PQL = Practical Quantitation Limit V = Indicates analyte found in associated method blank
 L = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

32
3

Client Sample ID: 1134-MW102-022516	
Lab Sample ID: FA31769-2	Date Sampled: 02/25/16
Matrix: AQ - Ground Water	Date Received: 02/27/16
Method: SW846 8260B	Percent Solids: n/a
Project: Clear Channel COMM-WIOD-AM; 1415 NE 79 St, N Bay Village, FL	

Run #1	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	C0114035.D	1	03/02/16	EP	n/a	n/a	VC4541
Run #2							

Run #1	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, MTBE

CAS No.	Compound	Result	PQL	MDL	Units	Q
71-43-2	Benzene	0.20 U	1.0	0.20	ug/l	
108-88-3	Toluene	0.20 U	1.0	0.20	ug/l	
100-41-4	Ethylbenzene	0.25 U	1.0	0.25	ug/l	
1330-20-7	Xylene (total)	0.56 U	3.0	0.56	ug/l	
1634-04-4	Methyl Tert Butyl Ether	0.20 U	1.0	0.20	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	109%		83-118%
17060-07-0	1,2-Dichloroethane-D4	103%		79-125%
2037-26-5	Toluene-D8	93%		85-112%
460-00-4	4-Bromofluorobenzene	104%		83-118%

U = Not detected MDL = Method Detection Limit I = Result >= MDL but < PQL J = Estimated value
 PQL = Practical Quantitation Limit V = Indicates analyte found in associated method blank
 L = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

32
3

Client Sample ID: 1134-MW102-022516		Date Sampled: 02/25/16
Lab Sample ID: FA31769-2		Date Received: 02/27/16
Matrix: AQ - Ground Water		Percent Solids: n/a
Method: SW846 8270D BY SIM SW846 3510C		
Project: Clear Channel COMM-WIOD-AM; 1415 NE 79 St, N Bay Village, FL		

Run #1	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	R455565.D	1	03/03/16	EM	03/01/16	OP59541	SR2501
Run #2							

Run #1	Initial Volume	Final Volume
Run #1	260 ml	1.0 ml
Run #2		

BN PAH List

CAS No.	Compound	Result	PQL	MDL	Units	Q
83-32-9	Acenaphthene	0.33	0.77	0.31	ug/l	I
208-96-8	Acenaphthylene	0.31 U	0.77	0.31	ug/l	
120-12-7	Anthracene	0.21	0.77	0.19	ug/l	I
56-55-3	Benzo(a)anthracene	0.031 U	0.15	0.031	ug/l	
50-32-8	Benzo(a)pyrene	0.031 U	0.15	0.031	ug/l	
205-99-2	Benzo(b)fluoranthene	0.031 U	0.15	0.031	ug/l	
191-24-2	Benzo(g,h,i)perylene	0.031 U	0.15	0.031	ug/l	
207-08-9	Benzo(k)fluoranthene	0.031 U	0.15	0.031	ug/l	
218-01-9	Chrysene	0.031 U	0.15	0.031	ug/l	
53-70-3	Dibenzo(a,h)anthracene	0.031 U	0.15	0.031	ug/l	
206-44-0	Fluoranthene	0.20	0.77	0.19	ug/l	I
86-73-7	Fluorene	0.91	0.77	0.19	ug/l	
193-39-5	Indeno(1,2,3-cd)pyrene	0.031 U	0.15	0.031	ug/l	
90-12-0	1-Methylnaphthalene	0.31 U	0.77	0.31	ug/l	
91-57-6	2-Methylnaphthalene	0.31 U	0.77	0.31	ug/l	
91-20-3	Naphthalene	0.31 U	0.77	0.31	ug/l	
85-01-8	Phenanthrene	0.20	0.77	0.19	ug/l	I
129-00-0	Pyrene	0.19 U	0.77	0.19	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	81%		41-129%
321-60-8	2-Fluorobiphenyl	80%		41-118%
1718-51-0	Terphenyl-d14	97%		45-145%

U = Not detected MDL = Method Detection Limit I = Result >= MDL but < PQL J = Estimated value
 PQL = Practical Quantitation Limit V = Indicates analyte found in associated method blank
 L = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

32
3

Client Sample ID: 1134-MW102-022516	
Lab Sample ID: FA31769-2	Date Sampled: 02/25/16
Matrix: AQ - Ground Water	Date Received: 02/27/16
Method: FLORIDA-PRO SW846 3510C	Percent Solids: n/a
Project: Clear Channel COMM-WIOD-AM; 1415 NE 79 St, N Bay Village, FL	

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	LL67328.D	1	03/02/16	FEA	03/01/16	OP59527	GLL2322
Run #2							

Run #	Initial Volume	Final Volume
Run #1	1060 ml	1.0 ml
Run #2		

CAS No.	Compound	Result	PQL	MDL	Units	Q
	TPH (C8-C40)	0.890	0.24	0.14	mg/l	
CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits		
84-15-1	o-Terphenyl	112%		41-146%		

U = Not detected MDL = Method Detection Limit I = Result > = MDL but < PQL J = Estimated value
 PQL = Practical Quantitation Limit V = Indicates analyte found in associated method blank
 L = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Misc. Forms

Custody Documents and Other Forms

Includes the following where applicable:

- Chain of Custody

Client / Reporting Information			Project Information										Analytical Information								Matrix Codes							
Company Name: <i>American Env. Engineering</i>			Project Name: <i>Clear Channel Comm W100-AM</i>																		DW - Drinking Water GW - Ground Water WW - Water SW - Surface Water SO - Soil SL - Sludge OL - Oil LIQ - Other Liquid AIR - Air SOL - Other Solid WP - Wipe							
Address: <i>100 S. Pine Island Rd</i>			Street: <i>1401 NE 79th Street</i>																									
City: <i>Plantation</i> State: <i>FL</i> Zip: <i>33324</i>			City: <i>North Bay Village</i> State: <i>Florida</i>																									
Project Contact: <i>Ally Kalek</i> E-mail:			Project # <i>1134-01 / 09/19200817</i>																		LAB USE ONLY							
Phone # <i>954-236-4290</i>			Fax #																									
Sampler(s) Name(s) (Printed): <i>Selvin Newman</i>			Client Purchase Order # <i>1134-01 / 13/19200817</i>																									
Accutest Sample #	Field ID / Point of Collection	DATE	TIME	COLLECTION		CONTAINER INFORMATION												OTHER										
				SAMPLED BY	MATRIX	TOTAL # OF BOTTLES	OTHER	PURPOSE	GC	MS	MUT	HCOS	MSCA	VOLV-ZINC	CUT WATER	MESH												
1	1134-MW101-022516	2/25/16	11:13	SN	GW	7																						
2	1134-MW102-022516	2/25/16	10:49	SN	GW	7																						

TURNAROUND TIME (Business Days)			Data Deliverable Information					Comments / Remarks									
<input type="checkbox"/> 10 Days Standard <input type="checkbox"/> 7 Day RUSH <input type="checkbox"/> 5 Day RUSH <input type="checkbox"/> 3 Day EMERGENCY <input type="checkbox"/> 2 Day EMERGENCY <input type="checkbox"/> 1 Day EMERGENCY <input type="checkbox"/> OTHER _____			Approved By: / Rush Code _____					<input type="checkbox"/> COMMERCIAL "A" (RESULTS ONLY) <input type="checkbox"/> COMMERCIAL "B" (RESULTS PLUS QC) <input type="checkbox"/> REDT1 (EPA LEVEL 3) <input type="checkbox"/> FULT1 (EPA LEVEL 4) <input type="checkbox"/> EDD'S					* Please send ADOT				
Emergency or Rush T/A Data Available VIA Email or Lablink																	

Sample Custody must be documented below each time samples change possession, including courier delivery.									
Relinquished by Sampler:	Date Time:	Received By:	Date Time:	Relinquished by:	Date Time:	Received By:	Date Time:	Relinquished by:	Date Time:
1 Selvin Newman	2/20/16 1615	2 James Llovera	2-26-16	3 James Llovera	2-26-16 2120	4 [Signature]	2/27/16	5 [Signature]	
Relinquished by:	Date Time:	Received By:	Date Time:	Relinquished by:	Date Time:	Received By:	Date Time:	Relinquished by:	Date Time:
5		6		7		8			

Lab Use Only: Custody Seal in Place: Y N Temp Blank Provided: Y N Preserved where Applicable: Y N Total # of Coolers: (1) Cooler Temperature (s) Celsius: 3.4

ACCUTEST LABORATORIES SAMPLE RECEIPT CONFIRMATION

ACCUTEST'S JOB NUMBER: FA31769 CLIENT: AEE PROJECT: Clear Channel
 DATE/TIME RECEIVED: 2/27/16 8:52 (MM/DD/YY 24:00) NUMBER OF COOLERS RECEIVED: 1
 METHOD OF DELIVERY: FEDEX UPS ACCUTEST COURIER DELIVERY OTHER: _____
 AIRBILL NUMBERS: _____

COOLER INFORMATION

- CUSTODY SEAL NOT PRESENT OR NOT INTACT
- CHAIN OF CUSTODY NOT RECEIVED (COC)
- ANALYSIS REQUESTED IS UNCLEAR OR MISSING
- SAMPLE DATES OR TIMES UNCLEAR OR MISSING
- TEMPERATURE CRITERIA NOT MET

TRIP BLANK INFORMATION

- TRIP BLANK PROVIDED
- TRIP BLANK NOT PROVIDED
- TRIP BLANK NOT ON COC
- TRIP BLANK INTACT
- TRIP BLANK NOT INTACT
- RECEIVED WATER TRIP BLANK
- RECEIVED SOIL TRIP BLANK

MISC. INFORMATION

NUMBER OF ENCORES? 25-GRAM _____ 5-GRAM _____
 NUMBER OF 5035 FIELD KITS? _____
 NUMBER OF LAB FILTERED METALS? _____

TEST STRIP LOT#s: pH-0-3 204413A pH 10-12 219813A OTHER (specify) _____

SUMMARY OF COMMENTS: 8270 received in (2) 250mL ambers

TEMPERATURE INFORMATION

- IR THERM ID 1 CORR. FACTOR 10.2
- OBSERVED TEMPS: 3.2
- CORRECTED TEMPS: 3.4 (USED FOR LIMS)

SAMPLE INFORMATION

- INCORRECT NUMBER OF CONTAINERS USED
- SAMPLE RECEIVED IMPROPERLY PRESERVED
- INSUFFICIENT VOLUME FOR ANALYSIS
- DATES/TIMES ON COC DO NOT MATCH SAMPLE LABEL
- ID'S ON COC DO NOT MATCH LABEL
- VOC VIALS HAVE HEADSPACE (MACRO BUBBLES)
- BOTTLES RECEIVED BUT ANALYSIS NOT REQUESTED
- NO BOTTLES RECEIVED FOR ANALYSIS REQUESTED
- UNCLEAR FILTERING OR COMPOSITING INSTRUCTIONS
- SAMPLE CONTAINER(S) RECEIVED BROKEN
- 5035 FIELD KITS NOT RECEIVED WITHIN 48 HOURS
- BULK VOA SOIL JARS NOT RECEIVED WITHIN 48 HOURS
- % SOLIDS JAR NOT RECEIVED
- RESIDUAL CHLORINE PRESENT LOT# _____

(APPLICABLE TO EPA 600 SERIES OR NORTH CAROLINA ORGANICS)

TECHNICIAN SIGNATURE/DATE: [Signature] 2/27/16 REVIEWER SIGNATURE/DATE: [Signature] 2/27/16
 NF 11/15 receipt confirmation 111015.xls

ATTACHMENT F
GROUNDWATER SAMPLING LOGS


DEP-SOP-001/01
 FS 2200 Groundwater Sampling
 Form FD 9000-24 (interim revision)
GROUNDWATER SAMPLING LOG

SITE NAME: Clear Channel COMM WIOD-AM	SITE LOCATION: 1401 NE 79th Street, North Bay Village, Miami, Florida
WELL NO: MW-101	SAMPLE ID: 1134-MW101-022516
DATE: 02/25/16	

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 3/8	WELL SCREEN INTERVAL DEPTH: 3 feet to 13 feet	STATIC DEPTH TO WATER (feet): 5.04	PURGE PUMP TYPE OR BAILER: ESP							
WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH - STATIC DEPTH TO WATER) X WELL CAPACITY (only fill out if applicable) $= (13 \text{ feet} - 5.04 \text{ feet}) \times 0.16 \text{ gallons/foot} = 1.27 \text{ gallons}$											
EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME (only fill out if applicable) $= \text{gallons} + (\text{gallons/foot} \times \text{feet}) + \text{gallons} = \text{gallons}$											
INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 7.0	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 7.0	PURGING INITIATED AT: 10:55	PURGING ENDED AT: 11:08	TOTAL VOLUME PURGED (gallons): 2.0							
TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) μmhos/cm or μS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
10:00	1.2 @ 1.2	1.2 @ 0.2	0.2 @ 5.12	5.12	stabilized						
11:02	0.2	1.4	0.2	5.12	7.83	25.8	2172	0.29	3.6	15.5	Clear
11:04	0.2	1.6	0.2	5.12	7.83	25.8	2177	0.28	3.5	13.2	11
11:06	0.2	1.8	0.2	5.12	7.83	25.8	2180	0.26	3.3	10.6	11
11:08	0.2	2.0	0.2	5.12	7.83	25.8	2191	0.26	3.0	8.3	11
WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88 TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016											
PURGING EQUIPMENT CODES: B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)											

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: SELVIN NEWMAN (AEE)				SAMPLER(S) SIGNATURE(S): 				SAMPLING INITIATED AT: 11:09		SAMPLING ENDED AT: 11:13	
PUMP OR TUBING DEPTH IN WELL (feet): 7.0				TUBING MATERIAL CODE: HDPE				FIELD-FILTERED: Y <input checked="" type="checkbox"/> N <input type="checkbox"/>		FILTER SIZE: 5 μm	
FIELD DECONTAMINATION: PUMP <input checked="" type="checkbox"/> Y N <input type="checkbox"/> TUBING Y <input checked="" type="checkbox"/> N <input type="checkbox"/>				DUPLICATE: Y <input checked="" type="checkbox"/> N <input type="checkbox"/>							
SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION				INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)	
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH					
	3	CG	40ml	HCL			8260	ESP	<100		
	2	AG	250 ml	None			8270	ESP	300		
	2	AG	1 Liter	H2SO4			FL-PRO	ESP	300		
REMARKS: ORP = -199.0 mV / Purge water spilled on asphalt											
MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)											
SAMPLING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; RFP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)											

- NOTES: 1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.
 2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)
 pH: ± 0.2 units Temperature: ± 0.2 °C Specific Conductance: ± 5% Dissolved Oxygen: all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) Turbidity: all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

DEP-SOP-001/01
FS 2200 Groundwater Sampling

Form FD 9000-24 (interim revision)
GROUNDWATER SAMPLING LOG

SITE NAME: Clear Channel COMM WIOD-AM	SITE LOCATION: 1401 NE 79th Street, North Bay Village, Miami, Florida
WELL NO: MW-102	SAMPLE ID: 1134-MW102-022516
DATE: 02/25/16	

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 3/8	WELL SCREEN INTERVAL DEPTH: 3 feet to 13 feet	STATIC DEPTH TO WATER (feet): 4.78	PURGE PUMP TYPE OR BAILER: ESP
WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH - STATIC DEPTH TO WATER) X WELL CAPACITY (only fill out if applicable) = (13 feet - 4.78 feet) X 0.16 gallons/foot = 1.3 ~ 1.4 gallons				
EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME (only fill out if applicable) = _____ gallons + (_____ gallons/foot X _____ feet) + _____ gallons = _____ gallons				
INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 6.0	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 6.5	PURGING INITIATED AT: 10:25	PURGING ENDED AT: 10:40	TOTAL VOLUME PURGED (gallons): 2.2

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) μmhos/cm or μS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
10:32	1.4 @	1.4 @	0.2 @	4.82	Stabilized						
10:34	0.2	1.6	0.2	4.82	7.83	26.3	2685	0.78/10.0	20.0	Clear	HC
10:36	0.2	1.8	0.2	↓	7.83	26.3	2758	0.72/9.2	16.8	"	"
10:38	0.2	2.0	0.2	↓	7.85	26.2	2761	0.69/8.8	13.3	"	"
10:40	0.2	2.2	0.2	4.82	7.85	26.2	2764	0.66/8.3	9.5	"	"

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

PURGING EQUIPMENT CODES: B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: SELVIN NEWMAN (AEE)				SAMPLER(S) SIGNATURE(S): 				SAMPLING INITIATED AT: 10:41		SAMPLING ENDED AT: 10:45	
PUMP OR TUBING DEPTH IN WELL (feet): 6.5				TUBING MATERIAL CODE: HDPE				FIELD-FILTERED: Y <input checked="" type="radio"/> N <input type="radio"/>		FILTER SIZE: _____ μm	
FIELD DECONTAMINATION: PUMP <input checked="" type="radio"/> N <input type="radio"/>				TUBING Y <input checked="" type="radio"/> N <input type="radio"/>				DUPLICATE: Y <input checked="" type="radio"/> N <input type="radio"/>			

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH			
	3	CG	40ml	HCL			8260	ESP	<100
	2	AG	250 ml	None			8270	ESP	300
	2	AG	1 Liter	H2SO4			FL-PRO	ESP	300

REMARKS: **ORP = -227.0 mV / Purge water spilled on asphalt.**

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; RFP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)

NOTES: 1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.
2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)
pH: ± 0.2 units Temperature: ± 0.2 °C Specific Conductance: ± 5% Dissolved Oxygen: all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) Turbidity: all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

FIELD INSTRUMENT CALIBRATION RECORDS

PROJECT # 1134-01

SAMPLING DATE: 022516SAMPLER INITIALS: SN**pH CALIBRATION LOG**

INSTRUMENT(maker/model):

HANNA MULTIPARAMETER pH # Hi98194

DATE	TIME	STANDARD	INSTRUMENT RESPONSE	% DEV	CALIBRATED (Y,N)	TYPE	NOTES
2/24/2016	9:09	4.0	4.1	-2.44	YES	CONT	
2/24/2016	9:13	7.0	7.0	-0.43	YES	CONT	
2/24/2016	9:17	10.0	10.1	-0.99	YES	CONT	
2/24/2016	9:21	4.0	4.0	-0.74	YES	CONT	
2/24/2016	9:25	7.0	7.02	-0.28	YES	CONT	
2/24/2016	9:29	10.0	10.1	-0.99	YES	CONT	

TURBIDITY CALIBRATION LOG

INSTRUMENT(maker/model):

Hach 2100P #001000026613

DATE	TIME	STANDARD	INSTRUMENT RESPONSE	% DEV	CALIBRATED (Y,N)	TYPE	NOTES
2/24/2016	10:08	<0.1	0.13		YES	CONT	
2/24/2016	10:10	20	20.2	-0.99	YES	CONT	
2/24/2016	10:12	100	99.8	0.20	YES	CONT	
2/24/2016	10:14	800	801	-0.12	YES	CONT	
2/24/2016	10:16	<0.1	0.14		YES	CONT	
2/24/2016	10:18	20	20.1	-0.50	YES	CONT	
2/24/2016	10:20	100	101	-0.99	YES	CONT	
2/24/2016	10:22	800	803	-0.37	YES	CONT	

DISSOLVED OXYGEN CALIBRATION LOG

INSTRUMENT(maker/model):

HANNA MULTIPARAMETER DO # Hi98194

DATE	TIME	STANDARD	INSTRUMENT RESPONSE	% DEV	CALIBRATED (Y, N)	TYPE	NOTES
2/24/2016	9:49	100% SATURATION	99.8	0.20	YES	CONT	
2/24/2016	9:54	0% SOLUTION	0	0.00	YES	CONT	
2/24/2016	9:51	0% SOLUTION	0	0.00	YES	CONT	
2/24/2016	10:01	100% SATURATION	100	0.00	YES	CONT	

CONDUCTIVITY CALIBRATION LOG

INSTRUMENT(maker/model):

HANNA MULTIPARAMETER CON # Hi98194

DATE	TIME	STANDARD (µS)	INSTRUMENT RESPONSE	% DEV	CALIBRATED (Y, N)	TYPE	NOTES
2/24/2016	9:33	1413	1417	-0.28	YES	CONT	
2/24/2016	9:37	447.1	448.2	-0.25	YES	CONT	
2/24/2016	9:41	1413	1414	-0.07	YES	CONT	
2/24/2016	9:45	447.1	447.7	-0.13	YES	CONT	

Speedway #6893

Address: 1508 79th St Causeway North Bay Village, Fl 33141

Facility ID: 8506324; Discharge ID: 13088



May 1, 2014

Mr. Wilbur Mayorga, P.E.
Miami-Dade County Department of Regulatory and Economic Resources (RER)
Environmental Resources Management
701 NW 1st Court, 4th Floor
Miami, FL. 33136-3912

RE: Voluntary Groundwater Monitoring Report
Shell SS# 136612
1508 79th Street Causeway
Miami, Florida



Dear Mr. Mayorga,

Groundwater & Environmental Services, Inc. (GES), on behalf of Motiva Enterprises, LLC, (Motiva), respectfully submits this Voluntary Groundwater Monitoring Report for the above referenced facility. The activities discussed herein were conducted only for the purpose of obtaining current baseline groundwater analytical data for the site; therefore, no recommendations or conclusions are provided. GES and Motiva respectfully requests that this data be placed on-file for future reference.

The site currently operates as a Hess-branded retail petroleum facility and convenience store. A site map illustrating the current layout of the facility is provided as **Figure 1**. On February 25, 2014, GES personnel collected groundwater samples from monitoring wells MW-1, MW-2, MW-3, MW-4, NW-1, and NW-2 in general accordance with the Florida Department of Environmental Protection (FDEP) Standard Operating Procedures (SOP) for groundwater sample collection. The samples were submitted to Pace Analytical Laboratories (Pace) for analyses of benzene, toluene, ethylbenzene, total xylenes and methyl tert-butyl ether (BTEX/MTBE) and ethanol via EPA Method 8260B. Copies of the groundwater sampling logs are provided in **Appendix A**.

The groundwater analytical data are summarized in **Table 1** and copies of the laboratory analytical report and chain of custody are provided in **Appendix B**. If you have any questions regarding this report or require additional information, please contact GES at (866) 565-7650.

Sincerely,

GROUNDWATER & ENVIRONMENTAL SERVICES, INC.

Margaret Schwaderer
Associate Environmental Scientist

Michael Berzinsky
Project Manager

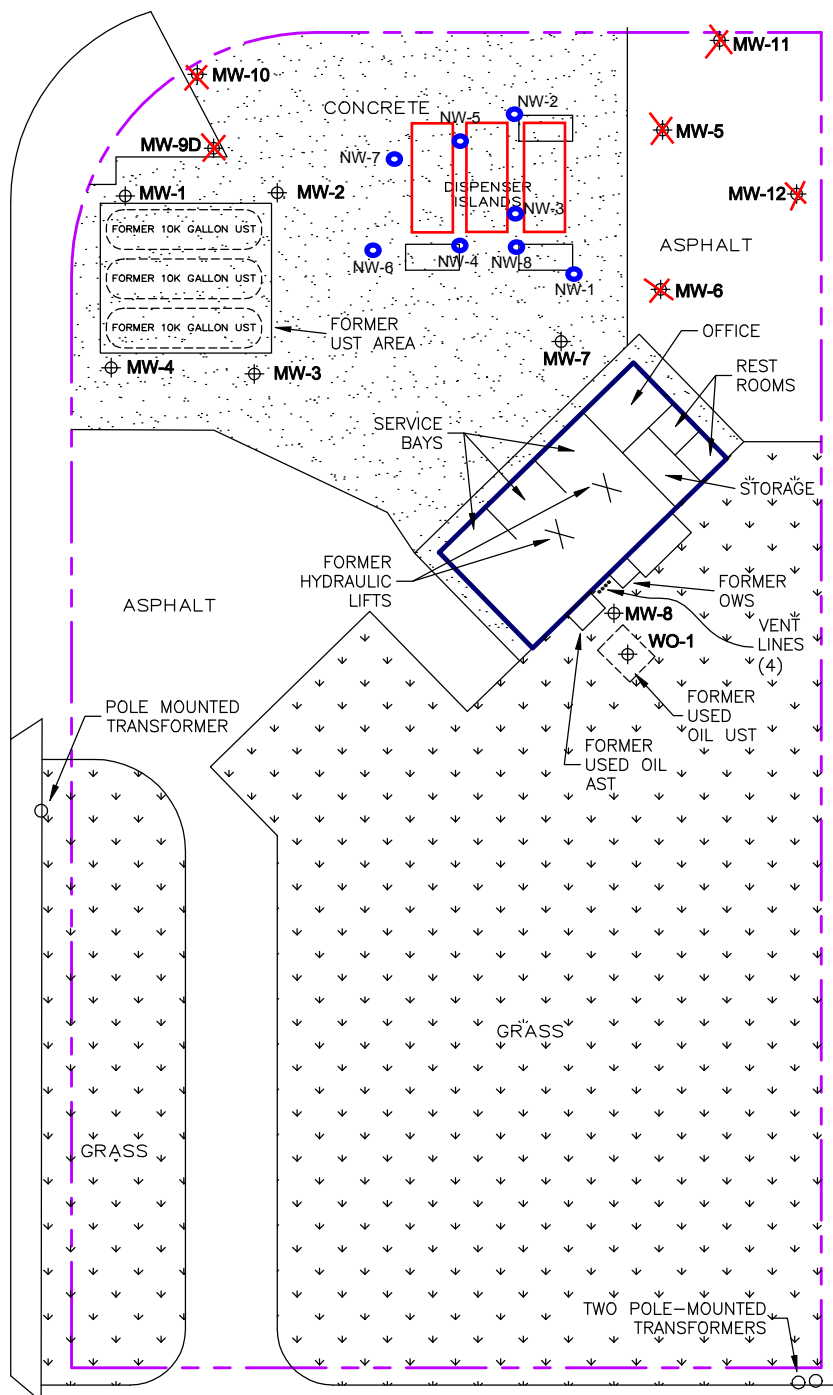
FIGURE

NE 79th Street Causeway

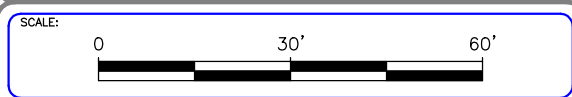
LEGEND:

- ⊕ MONITORING WELL
- ▨ CONCRETE PAVING
- ▩ GRASS
- ▭ ASPHALT

Adventure Avenue



Pirates Alley



H₂O ENVIRONMENTAL, INC.
SCIENTISTS & ENGINEERS

PREPARED FOR:
Equiva Services LLC

SITE ADDRESS:
**Former Shell Service Station
1508 79th Street Causeway
North Bay Village, Florida**

PROJECT NO:
SHE-1508

DRAWN BY:
J.Driscoll

DATE DRAWN:
1/4/2001

FIGURE TITLE:
SITE LAYOUT

FIGURE NUMBER:
2

TABLE

Table 1

GROUNDWATER ANALYTICAL DATA

1508 79th St Cause
Miami, Florida

Monitoring Well	Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	Ethanol (µg/L)
		FDEP GCTLs	1	40	30	20	10,000
		FDEP NADCs	100	400	300	200	100,000
MW-1	02/25/2014	0.34 U	0.70 U	0.50 U	1.6 U	0.74 U	52 U
MW-2	02/25/2014	0.34 U	0.70 U	0.50 U	1.6 U	0.74 U	52 U
MW-3	02/25/2014	0.34 U	0.70 U	1.3	3.5 I	0.74 U	52 U
MW-4	02/25/2014	0.34 U	0.70 U	0.50 U	1.6 U	0.74 U	52 U
NW-1	02/25/2014	0.34 U	0.70 U	1.3	3.6 I	1.9	52 U
NW-2	02/25/2014	0.34 U	0.70 U	0.50 U	1.6 U	0.74 U	52 U

Notes:

µg/L = Micrograms/liter

MTBE = Methyl tertiary butyl ether

NA = Not Available or not analyzed for that specific compound

ND = Not detected (# is method detection limit)

APPENDIX A

FDEP Groundwater Sampling Logs

**Form FD 9000-24
GROUNDWATER SAMPLING LOG**

SITE NAME	SHE-1508	SITE LOCATION:	1508 79th Street Causeway, Miami
WELL NO:	MW-1	SAMPLE ID	MW-1
		DATE:	2-25-14

PURGING DATA

WELL Diameter (Inches):	TUBING DIAMETER (Inches): 0.5	WELL SCREEN INTERVAL DEPTH: feet to 10.08 feet	STATIC DEPTH TO WATER (feet): 3.65	PURGE PUMP TYPE OR BAILER: PP							
WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH - STATIC DEPTH TO WATER) X WELL CAPACITY (only fill out if applicable) = (10.08 feet - 3.65 feet) X .65 gallons/foot = 4.17 gallons											
EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP Vol. + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL Vol. (only fill out if applicable) = gallons + (gallons/foot X feet) + gallons = gallons											
INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 41	FINAL PUMP OR TUBING DEPTH IN WELL: 4'5"	PURGING INITIATED AT: 1317	PURGING ENDED AT: 1344	TOTAL VOL. PURGED: 5.31 gallons							
TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (µmhos/cm)	DO (mg/L)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
1338	4.17	4.17	.19	4.05	6.75	27.3	2025	.88	1.3	clear	none
1341	.57	4.74	.19	4.05	6.75	27.3	2026	.87	.87	clear	none
1344	.57	5.31	.19	4.05	6.75	27.3	2028	.86	.39	clear	none
<small>WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88 TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016 PURGING EQUIPMENT CODES: B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)</small>											

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: J. Romeo / GES, Inc.				SAMPLER(S) SIGNATURES: <i>[Signature]</i>			SAMPLING INITIATED AT: 1345		SAMPLING ENDED AT: 1348	
PUMP OR TUBING DEPTH IN WELL (feet): 4'5"				TUBING MATERIAL CODE: PE		FIELD-FILTERED: Y N (N)		FILTER SIZE: _____ um		
FIELD DECONTAMINATION: PUMP Y N (N)				TUBING Y N (replaced)		DUPLICATE: Y N (N)				
SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD		SAMPLING EQUIPMENT CODE	SAMPLE PUMP RATE (mL per minute)
SAMPLE ID CODE	# Containers	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH				
MW-1	3	CG	40mL	HCL	NA	<2	(8260) 14 day		RFPP	100
MW-1										
MW-1										
MW-1										
MW-1										
MW-1										
REMARKS:										
<small>MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify) SAMPLING/PURGING APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump EQUIPMENT CODES: RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); VT = Vacuum Trap; O = Other (Specify)</small>										

- NOTES:**
- The above do not constitute all of the information required by Chapter 62-160, F.A.C.
 - STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, Section 3)
pH: ± 0.2 units Temperature: ± 0.2 °C Specific Conductance: ± 5% Dissolved Oxygen: all readings ≤ 20% saturation (see Table FS 2200-2); optionally, + 0.2 mg/L or + 10% (whichever is greater) Turbidity: all readings < 20 NTU; optionally + 5 NTU or + 10% (whichever is greater)

**Form FD 9000-24
GROUNDWATER SAMPLING LOG**

SITE NAME	SHE-1508	SITE LOCATION:	1508 79th Street Causeway, Miami
WELL NO:	MW-2	SAMPLE ID	MW-2
		DATE:	2-25-14

PURGING DATA

WELL Diameter (Inches):	TUBING DIAMETER (Inches): 0.5	WELL SCREEN INTERVAL DEPTH: feet to <u>8.83</u> feet	STATIC DEPTH TO WATER (feet): <u>3.32</u>	PURGE PUMP TYPE OR BAILER: PP
WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH - STATIC DEPTH TO WATER) X WELL CAPACITY (only fill out if applicable) = (<u>8.83</u> feet - <u>3.32</u> feet) X <u>.65</u> gallons/foot = <u>3.58</u> gallons				
EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP Vol. + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL Vol. (only fill out if applicable) = _____ gallons + (_____ gallons/foot X _____ feet) + _____ gallons = _____ gallons				
INITIAL PUMP OR TUBING DEPTH IN WELL (feet): <u>4'</u>		FINAL PUMP OR TUBING DEPTH IN WELL: <u>4'</u>		PURGING INITIATED AT: <u>1234</u>
				PURGING ENDED AT: <u>1304</u>
				TOTAL VOL. PURGED: <u>4.42</u> gallons

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (µmhos/cm)	DO (mg/L)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
<u>1258</u>	<u>3.58</u>	<u>3.58</u>	<u>.24</u>	<u>3.68</u>	<u>6.60</u>	<u>26.1</u>	<u>1478</u>	<u>.14</u>	<u>.17</u>	<u>clear</u>	<u>odor</u>
<u>1304</u>	<u>.42</u>	<u>4.00</u>	<u>.14</u>	<u>3.68</u>	<u>6.60</u>	<u>26.1</u>	<u>1480</u>	<u>.11</u>	<u>.15</u>	<u>clear</u>	<u>odor</u>
<u>1304</u>	<u>.42</u>	<u>4.42</u>	<u>.14</u>	<u>3.68</u>	<u>6.60</u>	<u>26.2</u>	<u>1484</u>	<u>.10</u>	<u>.11</u>	<u>clear</u>	<u>odor</u>

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016
PURGING EQUIPMENT CODES: B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: <u>J. Romero</u> / GES, Inc.			SAMPLER(S) SIGNATURES: <u>[Signature]</u>			SAMPLING INITIATED AT: <u>1305</u>		SAMPLING ENDED AT: <u>1308</u>	
PUMP OR TUBING DEPTH IN WELL (feet): <u>4'</u>			TUBING MATERIAL CODE: <u>PE</u>		FIELD-FILTERED: <u>Y</u> <input checked="" type="checkbox"/> <u>N</u> FILTER SIZE: _____ um		Filtration Equipment Type: _____		
FIELD DECONTAMINATION: PUMP <u>Y</u> <input checked="" type="checkbox"/> <u>N</u>			TUBING <u>Y</u> <input checked="" type="checkbox"/> <u>N</u> (replaced)		DUPLICATE: <u>Y</u> <input checked="" type="checkbox"/> <u>N</u>				

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
SAMPLE ID CODE	# Containers	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH			
MW-2	3	CG	40mL	HCL	NA	<2	(8260) 14 day	RFPP	<u>100</u>
MW-2									
MW-2									
MW-2									
MW-2									
MW-2									

REMARKS:

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)
SAMPLING/PURGING APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump
EQUIPMENT CODES: RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); VT = Vacuum Trap; O = Other (Specify)

- NOTES:**
- The above do not constitute all of the information required by Chapter 62-160, F.A.C.
 - STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, Section 3)
pH: ± 0.2 units Temperature: ± 0.2 °C Specific Conductance: ± 5% Dissolved Oxygen: all readings ≤ 20% saturation (see Table FS 2200-2); optionally, + 0.2 mg/L or + 10% (whichever is greater) Turbidity: all readings < 20 NTU; optionally + 5 NTU or + 10% (whichever is greater)

**Form FD 9000-24
GROUNDWATER SAMPLING LOG**

SITE NAME	SHE-1508	SITE LOCATION:	1508 79th Street Causeway, Miami
WELL NO:	MW-3	SAMPLE ID	MW-3
		DATE:	2-25-14

PURGING DATA

WELL Diameter (Inches):	TUBING DIAMETER (Inches): 0.5	WELL SCREEN INTERVAL DEPTH: feet to 10.63 feet	STATIC DEPTH TO WATER (feet): 3.41	PURGE PUMP TYPE OR BAILER: PP
WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH - STATIC DEPTH TO WATER) X WELL CAPACITY				
(only fill out if applicable) = (10.63 feet - 3.41 feet) X .65 gallons/foot = 4.69 gallons				
EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP Vol. + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL Vol.				
(only fill out if applicable) = _____ gallons + (_____ gallons/foot X _____ feet) + _____ gallons = _____ gallons				
INITIAL PUMP OR TUBING DEPTH IN WELL (feet):	41	FINAL PUMP OR TUBING DEPTH IN WELL:	41	PURGING INITIATED AT: 1118
				PURGING ENDED AT: 1148
				TOTAL VOL. PURGED: 5.83 gallons

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (µmhos/cm)	DO (mg/L)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
1142	4.69	4.69	.19	3.58	6.59	27.6	1633	.09	.25	clear	odor
1143	.57	5.26	.19	3.58	6.59	27.7	1635	.09	.17	clear	odor
1148	.57	5.83	.19	3.58	6.58	27.7	1636	.08	.11	clear	odor

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016
PURGING EQUIPMENT CODES: B = Bailor; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: J. Romero / GES, Inc.		SAMPLER(S) SIGNATURES: <i>[Signature]</i>		SAMPLING INITIATED AT: 1149	SAMPLING ENDED AT: 1152
PUMP OR TUBING DEPTH IN WELL (feet): 41		TUBING MATERIAL CODE: PE	FIELD-FILTERED: Y (N)	FILTER SIZE: _____ um	
FIELD DECONTAMINATION: PUMP Y (N)		TUBING Y (N) (replaced)	DUPLICATE: Y (N)		

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPME NT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
SAMPLE ID CODE	# Containers	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH			
MW-3	3	CG	40mL	HCL	NA	<2	(8260) 14 day	RFPP	100
MW-3									
MW-3									
MW-3									
MW-3									
MW-3									
MW-3									

REMARKS:
no plug in the well.

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)
SAMPLING/PURGING APP = After Peristaltic Pump; B = Bailor; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump
EQUIPMENT CODES: RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); VT = Vacuum Trap; O = Other (Specify)

- NOTES:**
- The above do not constitute all of the information required by Chapter 62-160, F.A.C.
 - STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, Section 3)
pH: ± 0.2 units Temperature: ± 0.2 °C Specific Conductance: ± 5% Dissolved Oxygen: all readings ≤ 20% saturation (see Table FS 2200-2); optionally, + 0.2 mg/L or + 10% (whichever is greater) Turbidity: all readings < 20 NTU; optionally + 5 NTU or + 10% (whichever is greater)

**Form FD 9000-24
GROUNDWATER SAMPLING LOG**

SITE NAME	SHE-1508	SITE LOCATION:	1508 79th Street Causeway, Miami
WELL NO:	MW-4	SAMPLE ID	MW-4
		DATE:	2-25-14

PURGING DATA

WELL Diameter (Inches):	TUBING DIAMETER (Inches): 0.5	WELL SCREEN INTERVAL DEPTH: feet to 8.75 feet	STATIC DEPTH TO WATER (feet): 3.26	PURGE PUMP TYPE OR BAILER: PP
WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH - STATIC DEPTH TO WATER) X WELL CAPACITY (only fill out if applicable) = (8.75' feet - 3.26 feet) X .65 gallons/foot = 3.56 gallons				
EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP Vol. + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL Vol. (only fill out if applicable) = _____ gallons + (_____ gallons/foot X _____ feet) + _____ gallons = _____ gallons				
INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 41		FINAL PUMP OR TUBING DEPTH IN WELL: 4'		PURGING INITIATED AT: 1358
				PURGING ENDED AT: 1423
				TOTAL VOL. PURGED: 4.64 gallons

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (µmhos/cm)	DO (mg/L)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
1417	3.56	3.56	.18	3.60	6.71	28.7	1654	.30	1.8	clear	none
1420	.54	4.10	.18	3.60	6.71	28.5	1656	.29	1.1	clear	none
1423	.54	4.64	.18	3.60	6.70	28.5	1658	.27	.80	clear	none

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.68
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016
PURGING EQUIPMENT CODES: B = Bailor; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: J. Romero / GES, Inc.			SAMPLER(S) SIGNATURES: <i>[Signature]</i>			SAMPLING INITIATED AT: 1424		SAMPLING ENDED AT: 1427	
PUMP OR TUBING DEPTH IN WELL (feet): 41			TUBING MATERIAL CODE: PE		FIELD-FILTERED: Y <input checked="" type="checkbox"/> N <input type="checkbox"/>		FILTER SIZE: _____ um		
FIELD DECONTAMINATION: PUMP Y <input checked="" type="checkbox"/>			TUBING <input checked="" type="checkbox"/> N (replaced)		DUPLICATE: Y <input checked="" type="checkbox"/> N <input type="checkbox"/>				

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
SAMPLE ID CODE	# Containers	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH			
MW-4	3	CG	40mL	HCL	NA	<2	(8260) 14 day	RFPP	100
MW-4									
MW-4									
MW-4									
MW-4									
MW-4									

REMARKS:

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)
SAMPLING/PURGING APP = After Peristaltic Pump; B = Bailor; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump
EQUIPMENT CODES: RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); VT = Vacuum Trap; O = Other (Specify)

- NOTES:**
- The above do not constitute all of the information required by Chapter 62-160, F.A.C.
 - STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, Section 3)
pH: ± 0.2 units Temperature: ± 0.2 °C Specific Conductance: ± 5% Dissolved Oxygen: all readings ≤ 20% saturation (see Table FS 2200-2); optionally, + 0.2 mg/L or + 10% (whichever is greater) Turbidity: all readings < 20 NTU; optionally + 5 NTU or + 10% (whichever is greater)

**Form FD 9000-24
GROUNDWATER SAMPLING LOG**

SITE NAME	SHE-1508	SITE LOCATION:	1508 79th Street Causeway, Miami
WELL NO:	NW-1	SAMPLE ID	NW-1
		DATE:	2-25-14

PURGING DATA

WELL Diameter (Inches):	TUBING DIAMETER (Inches): 0.5	WELL SCREEN INTERVAL DEPTH: feet to <u>8.25</u> feet	STATIC DEPTH TO WATER (feet): <u>3.16</u>	PURGE PUMP TYPE OR BAILER: PP
WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH - STATIC DEPTH TO WATER) X WELL CAPACITY (only fill out if applicable) = (<u>8.25</u> feet - <u>3.16</u> feet) X <u>.16</u> gallons/foot = <u>.81</u> gallons				
EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP Vol. + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL Vol. (only fill out if applicable) = _____ gallons + (_____ gallons/foot X _____ feet) + _____ gallons = _____ gallons				
INITIAL PUMP OR TUBING DEPTH IN WELL (feet): <u>4'</u>		FINAL PUMP OR TUBING DEPTH IN WELL: <u>7'</u>		PURGING INITIATED AT: <u>1510</u>
				PURGING ENDED AT: <u>1530</u>
				TOTAL VOL. PURGED: <u>3.21</u> gallons

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (µmhos/cm)	DO (mg/L)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
1515	.81	.81	.16	6.30	6.93	30.2	3780	.44	65	cloudy	odor
1518	.48	1.29	.16	6.30	6.91	30.2	4018	.46	550	cloudy	odor
1521	.48	1.77	.16	6.30	6.90	30.2	4038	.46	13.8	clear	odor
1524	.48	2.25	.16	6.30	6.89	30.3	4093	.46	7.38	clear	odor
1527	.48	2.73	.16	6.30	6.89	30.3	4087	.45	3.8	clear	odor
1530	.48	3.21	.16	6.30	6.89	30.3	4090	.49	8.1	clear	odor

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.68
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016
PURGING EQUIPMENT CODES: B = Bailor; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: <u>T. Romero</u> / GES, Inc.		SAMPLER(S) SIGNATURES: <u>[Signature]</u>		SAMPLING INITIATED AT: <u>1531</u>	SAMPLING ENDED AT: <u>1534</u>
PUMP OR TUBING DEPTH IN WELL (feet): <u>7'</u>		TUBING MATERIAL CODE: <u>PE</u>	FIELD-FILTERED: Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	FILTER SIZE: _____ um	
FIELD DECONTAMINATION: PUMP Y <input checked="" type="checkbox"/> N <input type="checkbox"/>		TUBING <input checked="" type="checkbox"/> N (replaced)	DUPLICATE: Y <input checked="" type="checkbox"/> N <input type="checkbox"/>		

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
SAMPLE ID CODE	# Containers	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH			
NW-1	3	CG	40mL	HCL	NA	<2	(8260) 14 day	RFPP	<u>102</u>
NW-1									
NW-1									
NW-1									
NW-1									
NW-1									

REMARKS: screen on the water (product)

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)
SAMPLING/PURGING APP = After Peristaltic Pump; B = Bailor; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump
EQUIPMENT CODES: RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); VT = Vacuum Trap; O = Other (Specify)

- NOTES:**
- The above do not constitute all of the information required by Chapter 62-160, F.A.C.
 - STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, Section 3)
pH: ± 0.2 units Temperature: ± 0.2 °C Specific Conductance: ± 5% Dissolved Oxygen: all readings ≤ 20% saturation (see Table FS 2200-2); optionally, + 0.2 mg/L or + 10% (whichever is greater) Turbidity: all readings < 20 NTU; optionally + 5 NTU or + 10% (whichever is greater)

**Form FD 9000-24
GROUNDWATER SAMPLING LOG**

SITE NAME	SHE-1508	SITE LOCATION:	1508 79th Street Causeway, Miami
WELL NO:	NW-2	SAMPLE ID	NW-2
		DATE:	2-25-14

PURGING DATA

WELL Diameter (Inches):	TUBING DIAMETER (Inches): 0.5	WELL SCREEN INTERVAL DEPTH: feet to 9.51 feet	STATIC DEPTH TO WATER (feet): 3.53	PURGE PUMP TYPE OR BAILER: PP
WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH - STATIC DEPTH TO WATER) X WELL CAPACITY (only fill out if applicable) = (9.51 feet - 3.53 feet) X .16 gallons/foot = .95 gallons				
EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP Vol. + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL Vol. (only fill out if applicable) = gallons + (gallons/foot X feet) + gallons = gallons				
INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 41.5"		FINAL PUMP OR TUBING DEPTH IN WELL: 41		PURGING INITIATED AT: 1437
				PURGING ENDED AT: 1447
				TOTAL VOL. PURGED: 2.33 gallons

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (µmhos/cm)	DO (mg/L)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
1441	.95	.95	2.3	5.25	6.69	27.2	862	.41	4.2	clear	odor
1444	.69	1.64	2.3	5.27	6.69	27.2	862	.29	9.1	clear	odor
1447	.69	2.33	2.3	5.27	6.69	27.2	861	.27	9.8	clear	odor

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016
PURGING EQUIPMENT CODES: B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: J. Romero / GES, Inc.			SAMPLER(S) SIGNATURES: <i>[Signature]</i>			SAMPLING INITIATED AT: 1448		SAMPLING ENDED AT: 1451	
PUMP OR TUBING DEPTH IN WELL (feet): 41			TUBING MATERIAL CODE: LPE		FIELD-FILTERED: Y <input checked="" type="checkbox"/> N <input type="checkbox"/>		FILTER SIZE: _____ um		
FIELD DECONTAMINATION: PUMP Y <input checked="" type="checkbox"/> B <input type="checkbox"/>			TUBING <input checked="" type="checkbox"/> N (replaced)		DUPLICATE: Y <input checked="" type="checkbox"/> N <input type="checkbox"/>				

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
SAMPLE ID CODE	# Containers	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH			
NW-2	3	CG	40mL	HCL	NA	<2	(8260) 14 day	RFPP	100
NW-2									
NW-2									
NW-2									
NW-2									
NW-2									

REMARKS:
plug was not on the well

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)
SAMPLING/PURGING APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump
EQUIPMENT CODES: RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); VT = Vacuum Trap; O = Other (Specify)

- NOTES:**
- The above do not constitute all of the information required by Chapter 62-160, F.A.C.
 - STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, Section 3)
pH: ± 0.2 units Temperature: ± 0.2 °C Specific Conductance: ± 5% Dissolved Oxygen: all readings ≤ 20% saturation (see Table FS 2200-2); optionally, + 0.2 mg/L or + 10% (whichever is greater) Turbidity: all readings < 20 NTU; optionally + 5 NTU or + 10% (whichever is greater)

APPENDIX B

Groundwater Laboratory Analytical Report and Chain of Custody Documentation

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.

TestAmerica Pensacola

3355 McLemore Drive

Pensacola, FL 32514

Tel: (850)474-1001

TestAmerica Job ID: 400-87132-1

TestAmerica Sample Delivery Group: Incident 98996663

Client Project/Site: SHE-1508

For:

Groundwater & Environmental Services Inc

6500 NW 12th Avenue

Suite 109

Fort Lauderdale, Florida 33309

Attn: Michael Berzinsky



Authorized for release by:

3/13/2014 3:26:55 PM

Marty Edwards, Manager of Project Management

(850)474-1001

marty.edwards@testamericainc.com

Designee for

Mark Swafford, Project Manager I

(850)474-1001

mark.swafford@testamericainc.com

The test results in this report meet all 2003 NELAC and 2009 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.



LINKS

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Visit us at:

www.testamericainc.com

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Definitions/Glossary

Client: Groundwater & Environmental Services Inc
Project/Site: SHE-1508

TestAmerica Job ID: 400-87132-1
SDG: Incident 98996663

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
U	Indicates that the compound was analyzed for but not detected.
I	The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
□	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CNF	Contains no Free Liquid
DER	Duplicate error ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
MDA	Minimum detectable activity
EDL	Estimated Detection Limit
MDC	Minimum detectable concentration
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative error ratio
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Case Narrative

Client: Groundwater & Environmental Services Inc
Project/Site: SHE-1508

TestAmerica Job ID: 400-87132-1
SDG: Incident 98996663

Job ID: 400-87132-1

Laboratory: TestAmerica Pensacola

Narrative

Job Narrative
400-87132-1

Comments

No additional comments.

Receipt

The samples were received on 2/27/2014 9:21 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 1.7° C.

GC/MS VOA

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

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Detection Summary

Client: Groundwater & Environmental Services Inc
Project/Site: SHE-1508

TestAmerica Job ID: 400-87132-1
SDG: Incident 98996663

Client Sample ID: MW-1

Lab Sample ID: 400-87132-1

No Detections.

Client Sample ID: MW-2

Lab Sample ID: 400-87132-2

No Detections.

Client Sample ID: MW-3

Lab Sample ID: 400-87132-3

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Ethylbenzene	1.3		1.0	0.50	ug/L	1		8260B	Total/NA
Xylenes, Total	3.5	I	10	1.6	ug/L	1		8260B	Total/NA

Client Sample ID: MW-4

Lab Sample ID: 400-87132-4

No Detections.

Client Sample ID: NW-1

Lab Sample ID: 400-87132-5

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Ethylbenzene	1.3		1.0	0.50	ug/L	1		8260B	Total/NA
Xylenes, Total	3.6	I	10	1.6	ug/L	1		8260B	Total/NA
Methyl tert-butyl ether	1.9		1.0	0.74	ug/L	1		8260B	Total/NA

Client Sample ID: NW-2

Lab Sample ID: 400-87132-6

No Detections.

This Detection Summary does not include radiochemical test results.

TestAmerica Pensacola

Sample Summary

Client: Groundwater & Environmental Services Inc
Project/Site: SHE-1508

TestAmerica Job ID: 400-87132-1
SDG: Incident 98996663

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
400-87132-1	MW-1	Water	02/25/14 13:48	02/27/14 09:21
400-87132-2	MW-2	Water	02/25/14 13:08	02/27/14 09:21
400-87132-3	MW-3	Water	02/25/14 11:52	02/27/14 09:21
400-87132-4	MW-4	Water	02/25/14 14:27	02/27/14 09:21
400-87132-5	NW-1	Water	02/25/14 15:34	02/27/14 09:21
400-87132-6	NW-2	Water	02/25/14 14:51	02/27/14 09:21

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Client Sample Results

Client: Groundwater & Environmental Services Inc
 Project/Site: SHE-1508

TestAmerica Job ID: 400-87132-1
 SDG: Incident 98996663

Client Sample ID: MW-1
Date Collected: 02/25/14 13:48
Date Received: 02/27/14 09:21

Lab Sample ID: 400-87132-1
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.34	U	1.0	0.34	ug/L			03/04/14 15:50	1
Toluene	0.70	U	1.0	0.70	ug/L			03/04/14 15:50	1
Ethylbenzene	0.50	U	1.0	0.50	ug/L			03/04/14 15:50	1
Xylenes, Total	1.6	U	10	1.6	ug/L			03/04/14 15:50	1
Methyl tert-butyl ether	0.74	U	1.0	0.74	ug/L			03/04/14 15:50	1
Ethanol	52	U	100	52	ug/L			03/04/14 15:50	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	110		78 - 118		03/04/14 15:50	1
Dibromofluoromethane	110		81 - 121		03/04/14 15:50	1
Toluene-d8 (Surr)	102		80 - 120		03/04/14 15:50	1

Client Sample Results

Client: Groundwater & Environmental Services Inc
 Project/Site: SHE-1508

TestAmerica Job ID: 400-87132-1
 SDG: Incident 98996663

Client Sample ID: MW-2
Date Collected: 02/25/14 13:08
Date Received: 02/27/14 09:21

Lab Sample ID: 400-87132-2
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.34	U	1.0	0.34	ug/L			03/04/14 16:18	1
Toluene	0.70	U	1.0	0.70	ug/L			03/04/14 16:18	1
Ethylbenzene	0.50	U	1.0	0.50	ug/L			03/04/14 16:18	1
Xylenes, Total	1.6	U	10	1.6	ug/L			03/04/14 16:18	1
Methyl tert-butyl ether	0.74	U	1.0	0.74	ug/L			03/04/14 16:18	1
Ethanol	52	U	100	52	ug/L			03/04/14 16:18	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	112		78 - 118		03/04/14 16:18	1
Dibromofluoromethane	112		81 - 121		03/04/14 16:18	1
Toluene-d8 (Surr)	98		80 - 120		03/04/14 16:18	1

Client Sample Results

Client: Groundwater & Environmental Services Inc
 Project/Site: SHE-1508

TestAmerica Job ID: 400-87132-1
 SDG: Incident 98996663

Client Sample ID: MW-3
Date Collected: 02/25/14 11:52
Date Received: 02/27/14 09:21

Lab Sample ID: 400-87132-3
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.34	U	1.0	0.34	ug/L			03/04/14 16:47	1
Toluene	0.70	U	1.0	0.70	ug/L			03/04/14 16:47	1
Ethylbenzene	1.3		1.0	0.50	ug/L			03/04/14 16:47	1
Xylenes, Total	3.5	I	10	1.6	ug/L			03/04/14 16:47	1
Methyl tert-butyl ether	0.74	U	1.0	0.74	ug/L			03/04/14 16:47	1
Ethanol	52	U	100	52	ug/L			03/04/14 16:47	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	112		78 - 118		03/04/14 16:47	1
Dibromofluoromethane	112		81 - 121		03/04/14 16:47	1
Toluene-d8 (Surr)	101		80 - 120		03/04/14 16:47	1

Client Sample Results

Client: Groundwater & Environmental Services Inc
 Project/Site: SHE-1508

TestAmerica Job ID: 400-87132-1
 SDG: Incident 98996663

Client Sample ID: MW-4
Date Collected: 02/25/14 14:27
Date Received: 02/27/14 09:21

Lab Sample ID: 400-87132-4
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.34	U	1.0	0.34	ug/L			03/04/14 17:15	1
Toluene	0.70	U	1.0	0.70	ug/L			03/04/14 17:15	1
Ethylbenzene	0.50	U	1.0	0.50	ug/L			03/04/14 17:15	1
Xylenes, Total	1.6	U	10	1.6	ug/L			03/04/14 17:15	1
Methyl tert-butyl ether	0.74	U	1.0	0.74	ug/L			03/04/14 17:15	1
Ethanol	52	U	100	52	ug/L			03/04/14 17:15	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	118		78 - 118		03/04/14 17:15	1
Dibromofluoromethane	113		81 - 121		03/04/14 17:15	1
Toluene-d8 (Surr)	110		80 - 120		03/04/14 17:15	1

Client Sample Results

Client: Groundwater & Environmental Services Inc
 Project/Site: SHE-1508

TestAmerica Job ID: 400-87132-1
 SDG: Incident 98996663

Client Sample ID: NW-1
Date Collected: 02/25/14 15:34
Date Received: 02/27/14 09:21

Lab Sample ID: 400-87132-5
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.34	U	1.0	0.34	ug/L			03/04/14 17:43	1
Toluene	0.70	U	1.0	0.70	ug/L			03/04/14 17:43	1
Ethylbenzene	1.3		1.0	0.50	ug/L			03/04/14 17:43	1
Xylenes, Total	3.6	I	10	1.6	ug/L			03/04/14 17:43	1
Methyl tert-butyl ether	1.9		1.0	0.74	ug/L			03/04/14 17:43	1
Ethanol	52	U	100	52	ug/L			03/04/14 17:43	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	115		78 - 118		03/04/14 17:43	1
Dibromofluoromethane	111		81 - 121		03/04/14 17:43	1
Toluene-d8 (Surr)	99		80 - 120		03/04/14 17:43	1

Client Sample Results

Client: Groundwater & Environmental Services Inc
 Project/Site: SHE-1508

TestAmerica Job ID: 400-87132-1
 SDG: Incident 98996663

Client Sample ID: NW-2
Date Collected: 02/25/14 14:51
Date Received: 02/27/14 09:21

Lab Sample ID: 400-87132-6
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.34	U	1.0	0.34	ug/L			03/05/14 08:43	1
Toluene	0.70	U	1.0	0.70	ug/L			03/05/14 08:43	1
Ethylbenzene	0.50	U	1.0	0.50	ug/L			03/05/14 08:43	1
Xylenes, Total	1.6	U	10	1.6	ug/L			03/05/14 08:43	1
Methyl tert-butyl ether	0.74	U	1.0	0.74	ug/L			03/05/14 08:43	1
Ethanol	52	U	100	52	ug/L			03/05/14 08:43	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	96		78 - 118		03/05/14 08:43	1
Dibromofluoromethane	105		81 - 121		03/05/14 08:43	1
Toluene-d8 (Surr)	95		80 - 120		03/05/14 08:43	1

QC Sample Results

Client: Groundwater & Environmental Services Inc
Project/Site: SHE-1508

TestAmerica Job ID: 400-87132-1
SDG: Incident 98996663

Method: 8260B - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 400-209596/6

Matrix: Water

Analysis Batch: 209596

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.34	U	1.0	0.34	ug/L			03/04/14 12:32	1
Toluene	0.70	U	1.0	0.70	ug/L			03/04/14 12:32	1
Ethylbenzene	0.50	U	1.0	0.50	ug/L			03/04/14 12:32	1
Xylenes, Total	1.6	U	10	1.6	ug/L			03/04/14 12:32	1
Methyl tert-butyl ether	0.74	U	1.0	0.74	ug/L			03/04/14 12:32	1
Ethanol	52	U	100	52	ug/L			03/04/14 12:32	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	109		78 - 118		03/04/14 12:32	1
Dibromofluoromethane	103		81 - 121		03/04/14 12:32	1
Toluene-d8 (Surr)	89		80 - 120		03/04/14 12:32	1

Lab Sample ID: LCS 400-209596/4

Matrix: Water

Analysis Batch: 209596

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	50.0	46.6		ug/L		93	79 - 120
Toluene	50.0	48.5		ug/L		97	80 - 120
Ethylbenzene	50.0	49.0		ug/L		98	80 - 120
Xylenes, Total	100	97.3		ug/L		97	70 - 130
Methyl tert-butyl ether	50.0	54.9		ug/L		110	70 - 124
Ethanol	1000	1070		ug/L		107	10 - 150

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene	110		78 - 118
Dibromofluoromethane	113		81 - 121
Toluene-d8 (Surr)	101		80 - 120

Lab Sample ID: 400-87132-1 MS

Matrix: Water

Analysis Batch: 209596

Client Sample ID: MW-1

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	0.34	U	50.0	52.3		ug/L		105	10 - 150
Toluene	0.70	U	50.0	51.7		ug/L		103	10 - 150
Ethylbenzene	0.50	U	50.0	51.6		ug/L		103	10 - 150
Xylenes, Total	1.6	U	100	94.9		ug/L		95	10 - 150
Methyl tert-butyl ether	0.74	U	50.0	45.1		ug/L		90	10 - 150
Ethanol	52	U	1000	895		ug/L		90	10 - 150

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene	103		78 - 118
Dibromofluoromethane	111		81 - 121
Toluene-d8 (Surr)	102		80 - 120

QC Sample Results

Client: Groundwater & Environmental Services Inc
 Project/Site: SHE-1508

TestAmerica Job ID: 400-87132-1
 SDG: Incident 98996663

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 400-87132-1 MSD

Matrix: Water

Analysis Batch: 209596

Client Sample ID: MW-1

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	0.34	U	50.0	49.7		ug/L		99	10 - 150	5	19
Toluene	0.70	U	50.0	49.0		ug/L		98	10 - 150	6	26
Ethylbenzene	0.50	U	50.0	49.5		ug/L		99	10 - 150	4	40
Xylenes, Total	1.6	U	100	96.2		ug/L		96	10 - 150	1	41
Methyl tert-butyl ether	0.74	U	50.0	49.1		ug/L		98	10 - 150	9	18
Ethanol	52	U	1000	837		ug/L		84	10 - 150	7	52

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene	108		78 - 118
Dibromofluoromethane	120		81 - 121
Toluene-d8 (Surr)	101		80 - 120

Lab Sample ID: MB 400-209667/4

Matrix: Water

Analysis Batch: 209667

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.34	U	1.0	0.34	ug/L			03/05/14 08:17	1
Toluene	0.70	U	1.0	0.70	ug/L			03/05/14 08:17	1
Ethylbenzene	0.50	U	1.0	0.50	ug/L			03/05/14 08:17	1
Xylenes, Total	1.6	U	10	1.6	ug/L			03/05/14 08:17	1
Methyl tert-butyl ether	0.74	U	1.0	0.74	ug/L			03/05/14 08:17	1
Ethanol	52	U	100	52	ug/L			03/05/14 08:17	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	105		78 - 118		03/05/14 08:17	1
Dibromofluoromethane	106		81 - 121		03/05/14 08:17	1
Toluene-d8 (Surr)	96		80 - 120		03/05/14 08:17	1

Lab Sample ID: LCS 400-209667/1002

Matrix: Water

Analysis Batch: 209667

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	50.0	48.9		ug/L		98	79 - 120
Toluene	50.0	46.6		ug/L		93	80 - 120
Ethylbenzene	50.0	45.4		ug/L		91	80 - 120
Xylenes, Total	100	87.2		ug/L		87	70 - 130
Methyl tert-butyl ether	50.0	49.9		ug/L		100	70 - 124
Ethanol	1000	664		ug/L		66	10 - 150

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene	107		78 - 118
Dibromofluoromethane	106		81 - 121
Toluene-d8 (Surr)	105		80 - 120

QC Sample Results

Client: Groundwater & Environmental Services Inc
 Project/Site: SHE-1508

TestAmerica Job ID: 400-87132-1
 SDG: Incident 98996663

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 400-87132-6 MS

Matrix: Water

Analysis Batch: 209667

Client Sample ID: NW-2

Prep Type: Total/NA

Analyte	Sample	Sample	Spike	MS		Unit	D	%Rec	%Rec.
	Result	Qualifier		Result	Qualifier				
Benzene	0.34	U	50.0	51.2		ug/L		102	10 - 150
Toluene	0.70	U	50.0	48.5		ug/L		97	10 - 150
Ethylbenzene	0.50	U	50.0	45.0		ug/L		90	10 - 150
Xylenes, Total	1.6	U	100	86.6		ug/L		87	10 - 150
Methyl tert-butyl ether	0.74	U	50.0	55.9		ug/L		112	10 - 150
Ethanol	52	U	1000	932		ug/L		93	10 - 150

Surrogate	MS		Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene	109		78 - 118
Dibromofluoromethane	99		81 - 121
Toluene-d8 (Surr)	98		80 - 120

Lab Sample ID: 400-87132-6 MSD

Matrix: Water

Analysis Batch: 209667

Client Sample ID: NW-2

Prep Type: Total/NA

Analyte	Sample	Sample	Spike	MSD		Unit	D	%Rec	%Rec.	RPD	Limit
	Result	Qualifier		Result	Qualifier						
Benzene	0.34	U	50.0	55.2		ug/L		110	10 - 150	8	19
Toluene	0.70	U	50.0	52.3		ug/L		105	10 - 150	8	26
Ethylbenzene	0.50	U	50.0	49.1		ug/L		98	10 - 150	9	40
Xylenes, Total	1.6	U	100	96.6		ug/L		97	10 - 150	11	41
Methyl tert-butyl ether	0.74	U	50.0	64.0		ug/L		128	10 - 150	14	18
Ethanol	52	U	1000	940		ug/L		94	10 - 150	1	52

Surrogate	MSD		Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene	109		78 - 118
Dibromofluoromethane	103		81 - 121
Toluene-d8 (Surr)	102		80 - 120

QC Association Summary

Client: Groundwater & Environmental Services Inc
Project/Site: SHE-1508

TestAmerica Job ID: 400-87132-1
SDG: Incident 98996663

GC/MS VOA

Analysis Batch: 209596

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-87132-1	MW-1	Total/NA	Water	8260B	
400-87132-1 MS	MW-1	Total/NA	Water	8260B	
400-87132-1 MSD	MW-1	Total/NA	Water	8260B	
400-87132-2	MW-2	Total/NA	Water	8260B	
400-87132-3	MW-3	Total/NA	Water	8260B	
400-87132-4	MW-4	Total/NA	Water	8260B	
400-87132-5	NW-1	Total/NA	Water	8260B	
LCS 400-209596/4	Lab Control Sample	Total/NA	Water	8260B	
MB 400-209596/6	Method Blank	Total/NA	Water	8260B	

Analysis Batch: 209667

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-87132-6	NW-2	Total/NA	Water	8260B	
400-87132-6 MS	NW-2	Total/NA	Water	8260B	
400-87132-6 MSD	NW-2	Total/NA	Water	8260B	
LCS 400-209667/1002	Lab Control Sample	Total/NA	Water	8260B	
MB 400-209667/4	Method Blank	Total/NA	Water	8260B	

Lab Chronicle

Client: Groundwater & Environmental Services Inc
Project/Site: SHE-1508

TestAmerica Job ID: 400-87132-1
SDG: Incident 98996663

Client Sample ID: MW-1

Date Collected: 02/25/14 13:48

Date Received: 02/27/14 09:21

Lab Sample ID: 400-87132-1

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	209596	03/04/14 15:50	ARM	TAL PEN

Client Sample ID: MW-2

Date Collected: 02/25/14 13:08

Date Received: 02/27/14 09:21

Lab Sample ID: 400-87132-2

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	209596	03/04/14 16:18	ARM	TAL PEN

Client Sample ID: MW-3

Date Collected: 02/25/14 11:52

Date Received: 02/27/14 09:21

Lab Sample ID: 400-87132-3

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	209596	03/04/14 16:47	ARM	TAL PEN

Client Sample ID: MW-4

Date Collected: 02/25/14 14:27

Date Received: 02/27/14 09:21

Lab Sample ID: 400-87132-4

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	209596	03/04/14 17:15	ARM	TAL PEN

Client Sample ID: NW-1

Date Collected: 02/25/14 15:34

Date Received: 02/27/14 09:21

Lab Sample ID: 400-87132-5

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	209596	03/04/14 17:43	ARM	TAL PEN

Client Sample ID: NW-2

Date Collected: 02/25/14 14:51

Date Received: 02/27/14 09:21

Lab Sample ID: 400-87132-6

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	209667	03/05/14 08:43	ARM	TAL PEN

Laboratory References:

TAL PEN = TestAmerica Pensacola, 3355 McLemore Drive, Pensacola, FL 32514, TEL (850)474-1001

Certification Summary

Client: Groundwater & Environmental Services Inc
 Project/Site: SHE-1508

TestAmerica Job ID: 400-87132-1
 SDG: Incident 98996663

Laboratory: TestAmerica Pensacola

All certifications held by this laboratory are listed. Not all certifications are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
Alabama	State Program	4	40150	06-30-14
Arkansas DEQ	State Program	6	88-0689	09-01-14
Florida	NELAP	4	E81010	06-30-14
Georgia	State Program	4	N/A	06-30-14
Illinois	NELAP	5	200041	10-09-14
Iowa	State Program	7	367	08-01-14
Kansas	NELAP	7	E-10253	10-31-14
Kentucky (UST)	State Program	4	53	06-30-14
Louisiana	NELAP	6	30976	06-30-14
Maryland	State Program	3	233	09-30-14
Massachusetts	State Program	1	M-FL094	06-30-14
Michigan	State Program	5	9912	05-04-14
New Jersey	NELAP	2	FL006	06-30-14
North Carolina DENR	State Program	4	314	12-31-14
Oklahoma	State Program	6	9810	08-31-14
Pennsylvania	NELAP	3	68-00467	01-31-15
Rhode Island	State Program	1	LAO00307	12-30-14
South Carolina	State Program	4	96026	06-30-14
Tennessee	State Program	4	TN02907	06-30-14
Texas	NELAP	6	T104704286-12-5	09-30-14
USDA	Federal		P330-13-00193	07-01-16
Virginia	NELAP	3	460166	06-14-14
West Virginia DEP	State Program	3	136	06-30-14



Method Summary

Client: Groundwater & Environmental Services Inc
Project/Site: SHE-1508

TestAmerica Job ID: 400-87132-1
SDG: Incident 98996663

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	TAL PEN

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL PEN = TestAmerica Pensacola, 3355 McLemore Drive, Pensacola, FL 32514, TEL (850)474-1001



GES - SHELL CHAIN OF CUSTODY RECORD

400-87132

TestAmerica
ANALYTICAL TESTING CORPORATION

FOR USE WITH GES-SHELL
CONTRACT RATES ONLY

Pensacola Tallahassee Nashville Other:

CONSULTANT COMPANY:

Groundwater & Environmental Services, Inc.

ADDRESS: **6500 NW 12th Avenue, Suite 109**

CITY: **Fort Lauderdale, Florida 33309**

TELEPHONE: (866) 565-7650 FAX: (866) 334-9883 E-MAIL: MBerzinsky@gesonline.com
lab_reports_fl@gesonline.com

TURNAROUND TIME (CALENDAR DAYS):
 STANDARD (14 DAY) 5 DAYS 3 DAYS 2 DAYS 24 HOURS RESULTS NEEDED ON WEEKEND

DELIVERABLES: LEVEL 1 LEVEL 2 LEVEL 3 LEVEL 4 OTHER (SPECIFY) _____

TEMPERATURE ON RECEIPT °C: _____ Cooler #1: _____ Cooler #2: _____ Cooler #3: _____

SPECIAL INSTRUCTIONS OR NOTES: Ethanol can be added to 8260

Please specify EDD name: SHE-1508-lab number: 9624-EQEDD.zip Please email EQEDD package to: ges@equisonline.com

LAB USE ONLY	FIELD SAMPLE IDENTIFICATION	SAMPLING		PRESERVATIVE					No. of Cont.
		DATE	TIME	MATRIX	H2S04	HNO3	HCL	OTHER	
	MW-1	2-25	1348	5W	K				3
	MW-2	2-25	1308	5W	X				3
	MW-3	2-25	1152	5W	X				3
	MW-4	2-25	1427	5W	X				3
	NW-1	2-25	1534	5W	X				3
	NW-2	2-25	1451	5W	X				3

Print Bill To Contact Name:

INCIDENT # 98996663

PO # SAP #

SITE ADDRESS (Street, City, State): 1508 79Th St Cause, Miami FL

CONSULTANT PROJECT CONTACT (Report to): Berzinsky, Michael

CONSULTANT PROJECT NO.: 2604226

SAMPLER NAME(S) (Please Print): J. Roman

Shell Contract Lab Rates (select from drop down menus)

Other Analyses

LAB-94	Rate (per quote)	\$0.00	\$0.00	\$0.00	\$0.00



400-87132 COC

Ethanol - Method 8260

BTEX/MTRB - Method 8260

Container PID Readings or Laboratory Notes

LAB USE ONLY

Relinquished by: (Signature) J. Roman Date: 2-25-14 1705 Received by: (Signature) [Signature] Date: 2-26-14 1800

Relinquished by: (Signature) [Signature] Date: 2-27-14 924 Received by: (Signature) [Signature] Date: [Blank]

Relinquished by: (Signature) [Signature] Date: [Blank] Received by: (Signature) [Signature] Date: [Blank]



Login Sample Receipt Checklist

Client: Groundwater & Environmental Services Inc

Job Number: 400-87132-1

SDG Number: Incident 98996663

Login Number: 87132

List Number: 1

Creator: Crawford, Lauren E

List Source: TestAmerica Pensacola

Question	Answer	Comment
Radioactivity wasn't checked or is <=/ background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	1.7°C IR-2
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	



Stationary Tank Registration/Notification Form

Form 17-1.218(2)

TREASURE BAY SHELL
1508 79TH ST CAUSWAY
NO BAY VILLAGE FL 33141

(Make corrections to name and addresses here)

1. Facility/Addressee name: _____

 Facility address: _____

 Mailing address: _____

FACILITY LOCATION

ADDRESS: 1508 79TH ST CAUSWAY 33141
CITY: NO. BAY VILLAGE FL 33141

Use this form to comply with the following requirements of the Stationary Tank Rule Chapter 17-61, Florida Administrative Code.

- Each owner or operator shall register the following with the department:
 - All existing facilities by December 31, 1984. (Questions 1-19)
 - All new storage systems or facilities at least 10 days prior to the start of installation of tanks except in the cases of emergency replacement. (Questions 1-19)
 - A non-pollutant containing installation which is to be converted to a facility, at least 10 days prior to the placement of pollutants in such a facility. (Questions 1-19)
- Each owner or operator shall notify the department of the following:
 - All storage systems within 10 days of abandonment. (Questions 1, 12, 16, 20)
 - Facility sale within 10 days of sale. Notice shall be made by the seller. (Answer questions 1, 7, and 11. Question 7 about the new owner.)
 - Retrofitting within 10 days of completion. (Questions 1-19)
- You may notify the department of a change of operator. (Questions 1-6)

01860 Agency Use Only
AGR130650000 DOR080130650

PLEASE PRINT OR TYPE

2 Facility number (DER will provide this number) 138506324 3 Date 12/03/84

4 Federal Employment Identification (number used to file IRS forms) _____

5 County Code (see enclosed letter) 13

6 Operator of facility SAM GREENFELD
 Effective date (only for change of operator): _____ Telephone number (305) 866-8645

7 Company/Person owning tanks and piping _____
 Address _____
 Contact person _____ Telephone number: _____
 Effective date (only for change of owner): _____

8 How many tanks at this location have an individual storage capacity of greater than 550 gallons and store vehicular fuel made from petroleum?
5 Underground _____ Aboveground _____

9 Facility location. Latitude _____ Longitude _____ Section _____ Township _____ Range _____
 This information is listed on property deeds, and in the offices of the property appraiser and tax assessor.

10. Sketch the facility on a separate page showing the APPROXIMATE location of buildings, tanks, and dispensers.
 A. Draw a line from tank to dispenser to show which are connected by piping.
 B. Label each tank as Tank 1, Tank 2, etc.
 C. Write the date and your facility number, if known, or name and address exactly as it appears above.
 D. Keep a copy of your sketch.

REFER TO TANKS BY THESE LABELS IN ANY COMMUNICATION WITH THE DEPARTMENT. DESCRIBE PIPING BY THE NUMBER OF THE TANK IT IS ATTACHED TO.

11. TO THE BEST OF MY KNOWLEDGE AND BELIEF ALL INFORMATION SUBMITTED ON THIS FORM IS TRUE, ACCURATE, AND COMPLETE

SHELL OIL COMPANY
Name of owner, operator, or authorized representative

B.A. ... M.J. Margot
Signature of owner, operator, or authorized representative

KEEP A COPY OF THIS FORM FOR YOUR RECORDS

MAIL TO: DER Stationary Tank Registration
2600 Blair Stone Road
Room 603
Tallahassee, Florida 32301

SHELL OIL COMPANY
100 S. PINE ISLAND RD.
SUITE 130
PLANTATION, FLORIDA 33324
(305)-472-8622

DEC 31 1984

SOLID WASTE
SUBSECTION

INSTRUCTIONS: Use one row across for each tank counted in question 8. The tank number must agree with the number on the sketch of your facility. A new tank installed where a registered tank was removed should be given the number of the removed tank with an R and a number added. Example. Tank 3R1 is first replacement for tank 3. It is in the same place where tank 3 was. Tank 3R2 is the second replacement for tank 3. Attach extra pages if necessary. Write your facility number, if known, or name and address, exactly as it appears on the front of the form, on all extra pages.

(12) Tank Number	(13) Tank Size in Gallons	(14) Tank Contents (see List 14 below)	(15) Tank Installation Date, Month/Year (put X if unknown)	(16) Underground or Aboveground Tank (write U or A)	(17) Tank Construction Specifics (see List 17U or 17A below)	(18) Integral Piping System Construction Specifics (see List 18 below)	(19) Monitoring System Type (see List 19)	(20) Tank Disposal Method (see List 20)
1	4A 000	A	10/59	U	C	B	B, A	
2	4A 000	A	10/59	U	C	B	B, A	
3	4A 000	B	10/59	U	C	B	B, A	
4	4A 000	B	10/59	U	C	B	B, A	
5	4A 000	B	12/70	U	C	B	B, A	

ENTER THE LETTERS WHICH APPLY TO EACH TANK IN THE BOXES ABOVE. WRITE ALL THAT APPLY.

List 14	List 17U UNDERGROUND TANKS	List 17A ABOVEGROUND TANKS	List 18 Integral Piping System has:	List 19 Monitoring system is:	List 20 Tank disposal method.
Tank contents are: A. leaded gasoline. B. unleaded gasoline. C. Alcohol enriched gasoline. D. diesel fuel. E. aviation fuel. Z. other.	Underground tank: A. has overfill protection. B. is interior lined. C. is painted/asphalted steel. D. is of unknown type. E. is fiberglass type. F. is fiberglass-clad steel. G. is sacrificial anode type. H. is impressed current type. I. is double walled. J. is concrete. K. is in secondary containment. N. is or has none of the above.	ABOVEGROUND TANKS Aboveground tank: O. has overfill protection. P. is surrounded by impervious dike. Q. is surrounded by earth dike. R. rests on an impervious base. S. rests on a earth/gravel base. T. has interior lined bottom. U. is cathodically protected. V. is built of/coated with corrosion resistant materials. W. is supported above the soil. Z. is or has none of the above.	Integral Piping System has: A. no parts in contact with the soil. Parts contacting the soil which are: B. unprotected metal. C. built of corrosion resistant materials. D. corrosion resistant coated. E. cathodically protected. F. double-walled. G. within a secondary containment. H. interior lined. M. none of the above.	Monitoring system is: A. automatically sampled well(s). B. manually sampled well(s). C. groundwater monitoring plan. D. SPCC plan. E. well/detector in secondary containment. F. in-ground detector. G. within walls of double-walled tank. H. continuous in piping. I. not required. N. none of the above.	Tank disposal method. A. Filling. B. Removal. C. Retrofitting. F. Other.

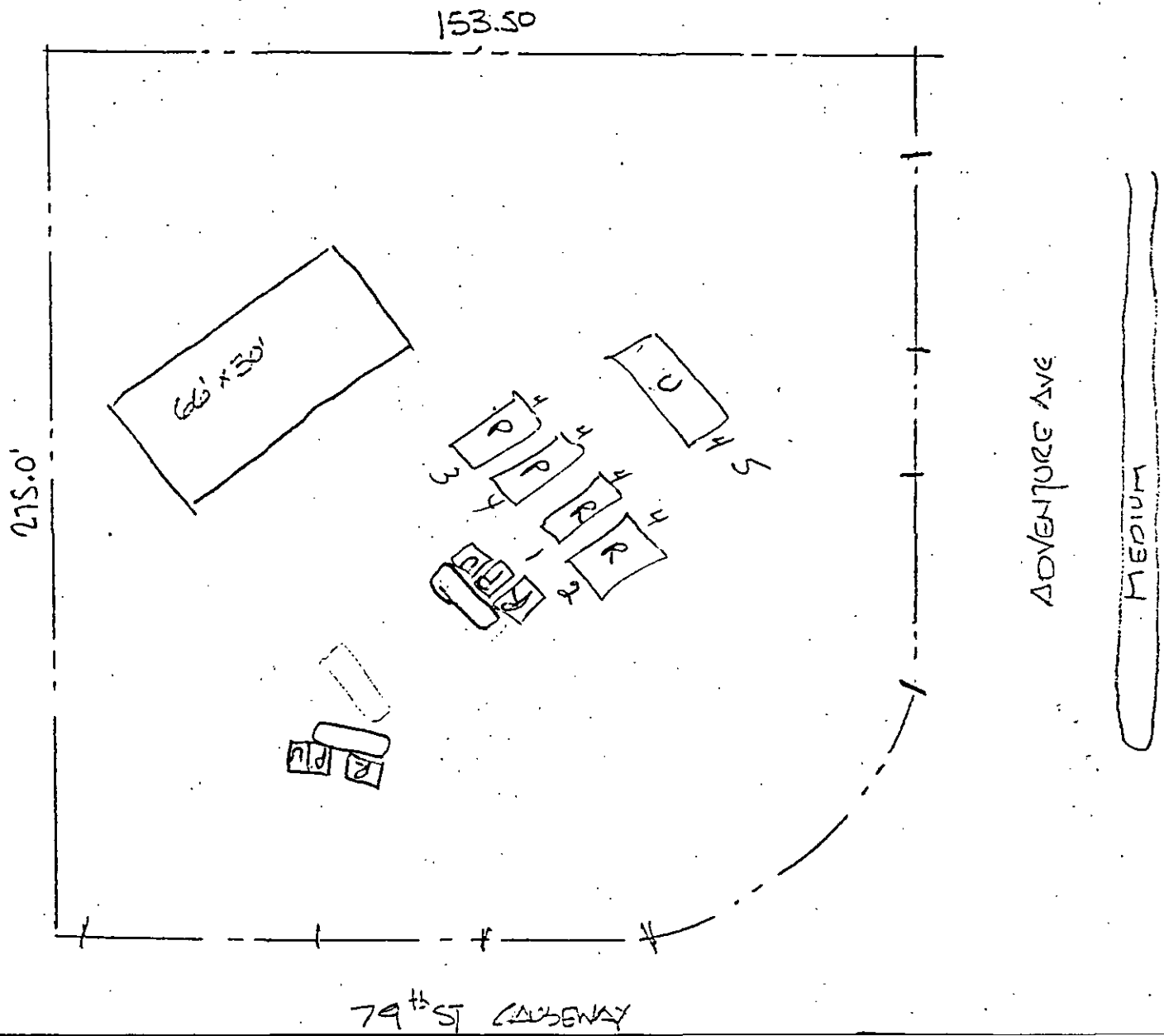
Shell Oil Company submits this underground storage tank registration form solely because Shell is the technical owner of the tanks. Shell is not the operator of these tanks. The operator is an independent businessman. By submission of this form, Shell does not assume any of the operation or control of this facility or tank as specified under STR Chapter 17-16.

SHELL OIL COMPANY
100 S. PINE ISLAND RD.
SUITE 130
PLANTATION, FLORIDA 33324

December 3, 1984

SHELL SERVICE STATION
1508 - 79 ST. CSWY.
MIAMI, FL 33141

12/84 - Unable to show product
line locations for several
reasons. They are two inch
size, continually monitored for
leaks and properly maintained.





Department of Environmental Protection

2600 Blair Stone Road ♦ Tallahassee, Florida 32399-2400

DEP Form 62-761.900(6)
Form Title: Incident Notification Form
Effective Date: January 2017
Incorporated in Rule 62-761.405, F.A.C.

Incident Notification Form

Complete all applicable blanks

Facility ID Number (if registered): 8506324

Date of Form Completion: 3/7/2022

Facility Name: Speedway Store # 6893

Date of Discovery of Incident: 2/23/2022

Telephone Number: 305-868-3747

County: Dade

Facility Owner or Operator: Speedway LLC

Mailing Address: 500 Speedway Drive Enon, OH 45323

Location of Incident (facility street address): 1508 79TH STREET CSWYMIAMI, FL

Monitoring method or activity that indicates an incident: (Check all that apply)

- Visual Observation
- Primary integrity test
- Interstitial integrity test
- Containment integrity test
- Electronic sensors, probes or cables
- Interstitial monitoring
- Closure integrity evaluation
- Tracer or helium testing
- Closure
- Line leak detectors
- Automatic tank gauging
- Other (specify): _____

Type of regulated substance stored in the storage system: (Check all that apply)

- Gasoline
- Diesel
- Heating oil
- Kerosene
- Aviation gas
- Hazardous substance (USTs) – write name or Chemical Abstract Service (CAS) #: _____
- Jet fuel
- Used/waste oil
- New motor/lube oil
- Pesticide
- Grades 5 & 6 residual oils
- Mineral acid (ASTs)
- Ammonia compound Chlorine compound
- Biofuel blends
- Unknown
- Other (specify): _____

Incident involves or originated from: (Check all that apply)

A positive response of release detection device:

- 1. Visual observation
- 2. Alarm
- 3. Vacuum or pressure change
- 4. MLLD restricting flow
- 5. ELLD/other device shutting power off to pump
- 6. Liquid > 1 inch in out-of-service tank (UST only)

A failed integrity test:

- 1. Double-walled tank
- 2. Double-walled piping
- 3. Containment sump
- 4. Spill containment system
- 5. Double bottom AST

Or:

- 1. Odors in the vicinity
- 2. Loss > 100 gallons on impervious surface
- 3. Loss > 500 gallons in AST dike field
- 4. Unusual operating conditions
- Other (specify): _____

Cause of the incident, if known: (Check all that apply)

- Improper installation
- Material failure (crack, split, etc.)
- Material incompatibility
- Faulty probe or sensor
- Spill/Overfill > 100 gallons on impervious surface
- Spill/Overfill > 500 gallons in AST dike field
- Corrosion
- Weather
- Human error
- Vandalism or theft
- Unknown
- Other (specify): _____

Actions taken in response to the incident:

CROMPCO reported 1 STP vapor secondary to primary boot is torn, visual failure. Reg 2 STP lid has collapsed inside below grade, test result unknown. Cannot remove it from below grade to enter sump. Prem 3 STP vapor secondary to primary boot is torn, electrical conduit is broken at boot location, vapor boot, conduit boot and conduit will need to be replaced, visual failure.

Comments:

SPATCO has been contracted to make the necessary repairs. A copy of the repair and test records will be provided.

Agencies notified (as applicable):

- Fire Department
- County Program DEP
- District Office _____
- State Watch Office 800-320-0519
- National Response Center 800-424-8802

To the best of my knowledge and belief all information submitted on this form is true, accurate, and complete.

Milei Aviles - Environmental Compliance Specialist
Printed name of Owner, Operator or Authorized Representative

Milei Aviles
Signature of Owner, Operator and Authorized Representative

SITE MANAGER SUMMARY REPORT

Facility ID# 138506324
Facility Name: SPEEDWAY #6893
Facility Address: 1508 79TH ST CSWY, NORTH BAY VILLAGE, FL
Site Owner: N/A
Site Company: HESS REALTY LLC
Site Contact Info: 539 S MAIN STREET, FINDLAY, OH 45840
Site Access Status: EXECUTED 8/12/2015
Site Parcel No: 23-3209-010-0140

Discharge 1:

Discharge Date: 03/17/1991
Program: PLRIP
Eligibility Status: ELIGIBLE
Determination Date: 10/25/1995
Score: 11
Lead Agency: PRP
Cleanup Status: RA
Cleanup Status Date: 5/05/2022
Discharge Combined: N/A
Funding Cap: \$1,200,000.00
Deductible Amount: \$500.00
Deductible Paid: \$500.00
Cost Share: N/A
LCAR Needed: N/A

Amount Spent:

State Cleanup: \$0.00
Utility Invoices: \$0.00
NPDES Permits: \$0.00
Reimbursement: \$135,495.94
WO/TA: \$88,816.57
Total Payments: \$224,312.51

CAP Amount Remaining: \$975,687.49

Discharge 2:

Discharge Date:	08/11/1998
Program:	PLRIP
Eligibility Status:	ELIGIBLE
Determination Date:	11/04/1999
Score:	11
Lead Agency:	PRP
Cleanup Status:	SA
Cleanup Status Date:	1/14/2016
Discharge Combined:	N/A
Funding Cap:	\$300,000.00 (\$290,000.00 after deductible)
Deductible Amount:	\$10,000.00
Deductible Paid:	\$10,000.00 (from funding cap)
Cost Share:	N/A
LCAR Needed:	N/A

Amount Spent:

State Cleanup:	\$0.00
Utility Invoices:	\$0.00
NPDES Permits:	\$0.00
Reimbursement:	\$
WO/TA:	\$27,821.50

CAP Amount Remaining: \$262,178.50

Description of Past Activity:

A Discharge Reporting Form was submitted on March 18, 1991 for an unknown discharge discovered from a manual test of monitoring wells on March 17, 1991. On June 12, 1992 the department reviewed and approved the Contamination Assessment Report and Addendum that was submitted in May 1992. On October 25, 1995 the department determined the 03/17/1991 discharge eligible for state funded remediation assistance under the Florida Petroleum Liability and Restoration Insurance Program. A second DRF was submitted on June 28, 1993 for 5 gallons of used/waste oil discovered from a liquid detector. The cause of the leak was unknown, however the DRF stated that the monitoring well could have been mistaken for the fill port. The DRF also listed financial responsibility as "Self-Insurance". This DRF is not within the PRP Program and was not listed in the STCM database. On February 15, 1996 the department reviewed and approved the Remedial Action Plan submitted on November 12, 1992 and the RAP Addendums I, II, and III submitted July 1993, May 1995 and October 1995. A third DRF was submitted on August 11, 1998 for a discovery from a nearby monitoring well. An unknown amount of an unknown substance was discharged as a result of human error. Free product recovery began and a tightness test was not conducted because the tank was in the process to be removed from the site. On November 4, 1999 the department determined the 8/11/1998 discharge eligible for state funded

remediation assistance under the Florida Petroleum Liability and Restoration Insurance Program. No work was performed on the site for several years. Site Access was executed on August 12, 2015. In October 2015 the PRP offered a SOW to CB&I Environmental & Infrastructure, Inc. and they accepted. On November 17, 2015 Purchase Order #ADE0AE was issued to perform a Low Score Assessment. On June 20, 2017 the PRP reviewed the TSAR and Response to Comments submitted on April 20, 2017 for the 3/17/1991 discharge and found the report acceptable and all work was satisfactorily performed. In August 2020 Purchase Order #B7CB83 was issued to TERRA-COM Environmental Consulting, Inc. to perform a Site Assessment. On December 22, 2021 the PRP reviewed the Template Site Assessment Report submitted on August 17, 2021, Response to Comments received on October 28, 2021, November 19, 2021, and December 8, 2021 for the 3/17/1991 discharge. The TSAR was determined acceptable and all work was satisfactorily performed. The PRP agreed with the recommendation that remedial action activities needed to be conducted at the site based on the reported analytical results for groundwater. An Incident Notification Form was submitted in March 2022 of a visual observation and containment integrity test of gasoline. On April 27, 2022 Purchase Order #BAF1AC was issued to TERRA-COM Environmental Consulting, Inc. to perform a Natural Attenuation Monitoring. Monitoring continues on this site.

Storage Tank/Contamination Tracking - Discharge Information

Co / Facility*		Facility Name and Address		Manager	MALDONADO_R	Role	CSM
13	8506324	SPEEDWAY #6893		Facility Cleanup Status	ONGO		
Facility Status		1508 79TH ST CSWY		Highest Discharge Score	11		
OPEN		NORTH BAY VILLAGE		Discharge Record	1	of	2
Cleanup Info	Info Source	D	DISCHARGE NOTIFICATI	Discharge Score	11		
	Lead Agency	PRP	PETROLEUM RESTORAT	Score Effective Date	07/12/2007		
	Cleanup Required*	R	CLEANUP REQUIRED	Rank	8533	of	14917
	CAP Exhausted	<input type="checkbox"/>					
Discharge Info	Discharge Date*	03/17/1991		Inspection Date	04/01/1991		
	Combined With			Cleanup Status/Date	RA	05/05/2022	
Eligibility and Application Info	Application Received	09/05/1991		Cleanup Program	P	Lead	R
				Status	E	Determination Letter Sent	10/25/1995
					Redetermined?	N	

PCT DISCHARGE

Storage Tank/Contamination Tracking - Discharge Information

Co / Facility*		Facility Name and Address		Manager	MALDONADO_R	Role	CSM
13	8506324	SPEEDWAY #6893		Facility Cleanup Status	ONGO		
Facility Status		1508 79TH ST CSWY		Highest Discharge Score	11		
OPEN		NORTH BAY VILLAGE		Discharge Record	2	of	2
Cleanup Info	Info Source	D	DISCHARGE NOTIFICATI	Discharge Score	11		
	Lead Agency	PRP	PETROLEUM RESTORAT	Score Effective Date	07/12/2007		
	Cleanup Required*	R	CLEANUP REQUIRED	Rank	8533	of	14917
	CAP Exhausted	<input type="checkbox"/>					
Discharge Info	Discharge Date*	08/11/1998		Inspection Date	08/31/1998		
	Combined With			Cleanup Status/Date	SA	01/14/2016	
Eligibility and Application Info	Application Received	10/13/1999		Cleanup Program	P	Cleanup Lead	P
				Status	E	Determination Letter Sent	11/04/1999
					Redetermined?	N	

PCT DISCHARGE

Task Report Information

Del. #	W.O #	Co	Facility *	Discharge Date *	Task Name *	Report Type *	Due Date	Received	Status	Date	Comment
		13	8506324	03/17/1991	SA	SA		12/23/1991	I	02/13/1992	
		13	8506324	03/17/1991	SA	SA		05/22/1992	A	06/12/1992	
		13	8506324	03/17/1991	RAP	GWT		11/16/1992	D	02/22/1993	
		13	8506324	03/17/1991	RAP	GWT		07/20/1993	D	07/27/1993	
		13	8506324	03/17/1991	RAP	GWT		05/11/1995	D	09/07/1995	
		13	8506324	03/17/1991	RAP	GWT		10/05/1995	A	01/31/1996	
7	GC880-035B	13	8506324	03/17/1991	RA	FREEROD	07/29/2022	07/29/2022	P		TASK 2 FREE PR
1	GC880-035B	13	8506324	03/17/1991	RA	HASP	05/23/2022	05/05/2022	A	05/06/2022	HASP APPROVE
10	GC880-035A	13	8506324	03/17/1991	SA	RESPONSE	12/15/2021	12/08/2021	A	12/22/2021	RTC#3 TK3 T SA
9	GC880-035A	13	8506324	03/17/1991	SA	RESPONSE	11/22/2021	11/19/2021	A	11/30/2021	RTC#2 TK3 T SA
8	GC880-035A	13	8506324	03/17/1991	SA	RESPONSE	10/28/2021	10/28/2021	A	11/05/2021	RTC TASK 3 CO
7	GC880-035A	13	8506324	03/17/1991	SA	TSAR	09/17/2021	09/17/2021	A	10/13/2021	TASK 3 COMME
4	GC880-035A	13	8506324	03/17/1991	SA	RESPONSE	07/14/2021	07/14/2021	A	07/28/2021	TASK 2 APPROV
2	GC880-035A	13	8506324	03/17/1991	SA	INTERIM	06/04/2021	06/04/2021	A	06/14/2021	COMMENT EMA

Tab to "Comment", then press [Ctrl+E] to enter Comments.

Task Report Information

Del. #	W.O #	Co	Facility *	Discharge Date *	Task Name *	Report Type *	Due Date	Received	Status	Date	Comment
10	GC880-035A	13	8506324	03/17/1991	SA	RESPONSE	12/15/2021	12/08/2021	A	12/22/2021	RTC#3 TK3 T SA
9	GC880-035A	13	8506324	03/17/1991	SA	RESPONSE	11/22/2021	11/19/2021	A	11/30/2021	RTC#2 TK3 T SA
8	GC880-035A	13	8506324	03/17/1991	SA	RESPONSE	10/28/2021	10/28/2021	A	11/05/2021	RTC TASK 3 CO
7	GC880-035A	13	8506324	03/17/1991	SA	TSAR	09/17/2021	09/17/2021	A	10/13/2021	TASK 3 COMME
4	GC880-035A	13	8506324	03/17/1991	SA	RESPONSE	07/14/2021	07/14/2021	A	07/28/2021	TASK 2 APPROV
2	GC880-035A	13	8506324	03/17/1991	SA	INTERIM	06/04/2021	06/04/2021	A	06/14/2021	COMMENT EMA
3	GC880-035A	13	8506324	03/17/1991	SA	INTERIM	04/20/2021	04/20/2021	A	04/23/2021	FOR INVOICING
1	GC880-035A	13	8506324	03/17/1991	SA	HASP	12/04/2020	12/03/2020	A	12/07/2020	TASK 1 APPROV
5	GC877-019A	13	8506324	03/17/1991	SA	RESPONSE	06/02/2017	06/01/2017	C	06/20/2017	REVISED TSAR;
7	GC877-019A	13	8506324	03/17/1991	SA	SCS	04/21/2017	04/20/2017	A	05/18/2017	COMMENT EMA
4	GC877-019A	13	8506324	08/11/1998	SA	RESPONSE	03/18/2017	03/16/2017	C	03/22/2017	DRL SENT 3/22/1
2	GC877-019A	13	8506324	03/17/1991	SA	LETTER	02/22/2017	02/17/2017	C	03/03/2017	COMMENT EMA
3	GC877-019A	13	8506324	08/11/1998	SA	RESPONSE	02/02/2016	01/21/2016	C	01/21/2016	
1	GC877-019A	13	8506324	08/11/1998	SA	HASP	01/16/2016	01/14/2016	C	01/16/2016	

Tab to "Comment", then press [Ctrl+E] to enter Comments.

Tank / Vessel / Drum Search

County/ Facility	Tank ID	Tank Vess Drum	A / U	Installed Date	Added To Database	Substance Gallons	Status Code	Effective Date	I S P		
13	8506324	1	TA	UN	10/01/1959		A	4000	B		Y
13	8506324	10	TA	UN			B	10000	B	01/01/2001	Y
13	8506324	11	TA	UN	08/01/2002	04/15/2003	B	10000	U	08/01/2002	Y
13	8506324	12	TA	UN	08/01/2002	04/15/2003	B	10000	U	08/01/2002	Y
13	8506324	13	TA	UN	08/01/2002	04/15/2003	B	10000	U	08/01/2002	Y
13	8506324	14	TA	UN	08/01/2002	04/15/2003	D	10000	U	08/01/2002	Y
13	8506324	2	TA	UN	10/01/1959		A	4000	B		Y
13	8506324	3	TA	UN	10/01/1959		B	4000	B		Y
13	8506324	4	TA	UN	10/01/1959		B	4000	B		Y
13	8506324	5	TA	UN	12/01/1970		B	4000	B		Y
13	8506324	6	TA	UN	07/01/1987		L	550	B	09/01/1998	Y
13	8506324	7	TA	AB	06/01/1998	11/05/1998	L	500	B	01/01/2001	N
13	8506324	8	TA	UN			B	10000	B	01/01/2001	Y

Tank / Vessel / Drum Search

County/	Facility	Tank ID	Tank Vess / Drum	A / U	Installed Date	Added To Database	Substance	Gallons	Status Code	Effective Date	I / S / P
13	8506324	10	TA	UN			B	10000	B	01/01/2001	Y
13	8506324	11	TA	UN	08/01/2002	04/15/2003	B	10000	U	08/01/2002	Y
13	8506324	12	TA	UN	08/01/2002	04/15/2003	B	10000	U	08/01/2002	Y
13	8506324	13	TA	UN	08/01/2002	04/15/2003	B	10000	U	08/01/2002	Y
13	8506324	14	TA	UN	08/01/2002	04/15/2003	D	10000	U	08/01/2002	Y
13	8506324	2	TA	UN	10/01/1959		A	4000	B		Y
13	8506324	3	TA	UN	10/01/1959		B	4000	B		Y
13	8506324	4	TA	UN	10/01/1959		B	4000	B		Y
13	8506324	5	TA	UN	12/01/1970		B	4000	B		Y
13	8506324	6	TA	UN	07/01/1987		L	550	B	09/01/1998	Y
13	8506324	7	TA	AB	06/01/1998	11/05/1998	L	500	B	01/01/2001	N
13	8506324	8	TA	UN			B	10000	B	01/01/2001	Y
13	8506324	9	TA	UN			B	10000	B	01/01/2001	Y

Facility Details Payment Information

Discharge Cleanup Account * Cap, Deductible & Paid Figures

Co	Facility *	Facility Name	Discharge Date *	Prg	Adm	Cap Amount (Statutory)	Deductible Amount	Deductible Paid	Adjustments	Adjustment Reason ID	Deductible Balance	Eligible Funding Amount **	CAP Exhausted
13	8506324	SPEEDWAY #6893	03/17/1991	P		\$1,200,000.00	\$500.00	\$500.00			\$.00	\$1,200,000.00	<input type="checkbox"/>
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HIGHLIGHTED: ENTIRE LINE = Cleanup has been completed.
 HIGHLIGHTED: DEDUCT PAID = Deductible has been overpaid.
 Adm (*) = Deductible needs review by administrator.
 Adm (A) = Deductible has been updated by administrator.

If amount available in Deductible Paid column, press [PAGE DOWN] to view Payment Information.

** Eligible Funding Amount is the Statutory Cap Amount less the Deductible Balance (not to exceed Statutory Cap Amount).

Facility Details Payment Information

Discharge Cleanup Account * Cap, Deductible & Paid Figures

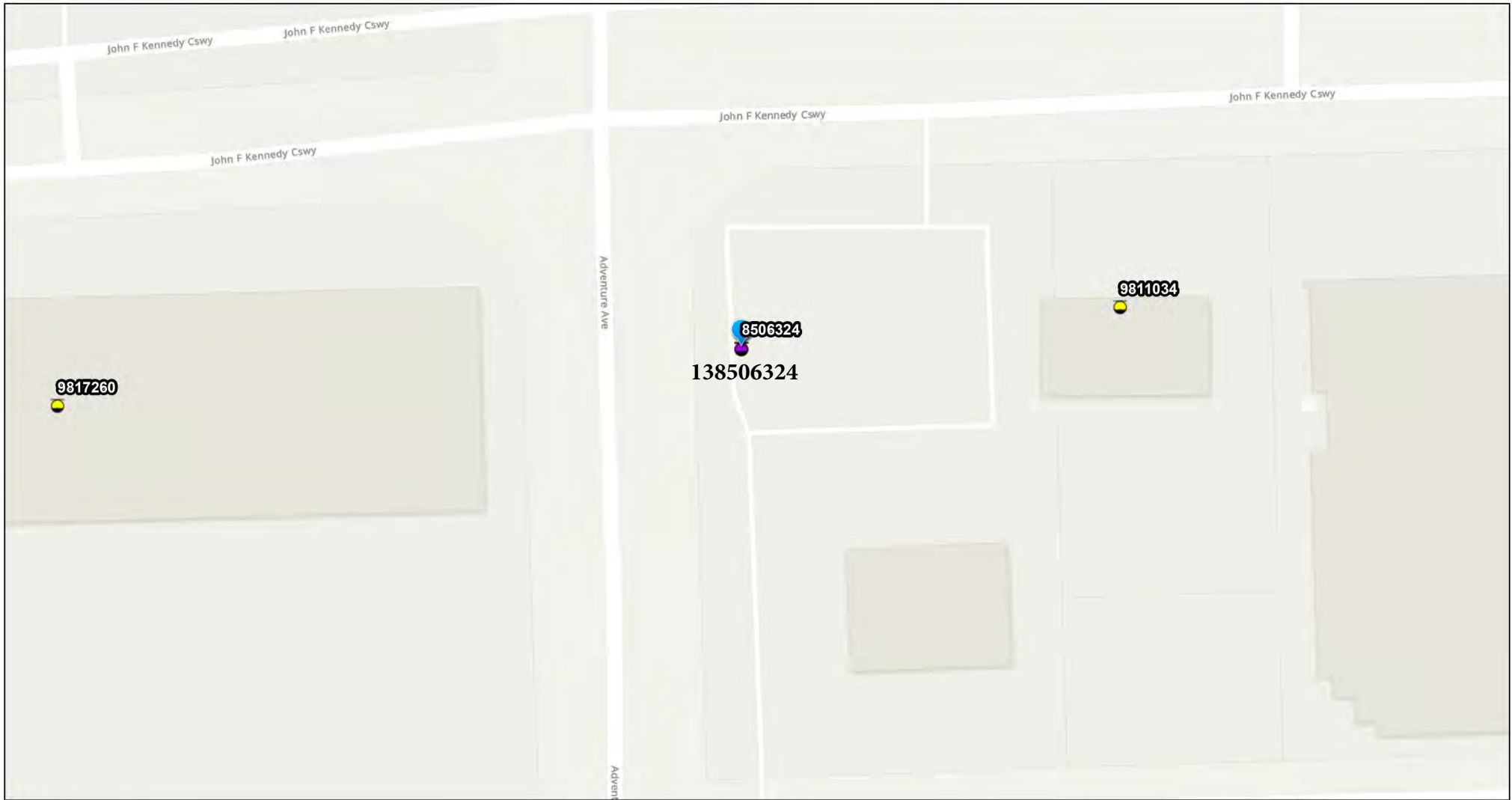
Co	Facility *	Facility Name	Discharge Date *	Prg	Adm	Cap Amount (Statutory)	Deductible Amount	Deductible Paid	Adjustments	Adjustment Reason ID	Deductible Balance	Eligible Funding Amount **	CAP Exhausted
13	8506324	SPEEDWAY #6893	08/11/1998	P		\$300,000.00	\$10,000.00				\$10,000.00	\$290,000.00	<input type="checkbox"/>
													<input type="checkbox"/>
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HIGHLIGHTED: ENTIRE LINE = Cleanup has been completed.
 HIGHLIGHTED: DEDUCT PAID = Deductible has been overpaid.
 Adm (*) = Deductible needs review by administrator.
 Adm (A) = Deductible has been updated by administrator.




If amount available in Deductible Paid column, press [PAGE DOWN] to view Payment Information.

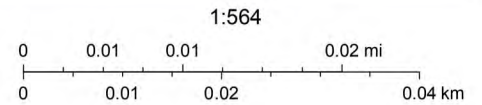
** Eligible Funding Amount is the Statutory Cap Amount less the Deductible Balance (not to exceed Statutory Cap Amount).

138506324 - DEP Sites



August 8, 2022

-  Registered Tanks from STCM
-  Petroleum Contamination Monitoring (PCTS) Discharges from STCM
-  ELIGIBLE DISCHARGES OPEN



FDEP, DWM, FDEPDWM, Sources: Esri, Airbus DS, USGS, NGA, NASA, CGIAR, N Robinson, NCEAS, NLS, OS, NMA, Geodatastyrelsen, Rijkswaterstaat, GSA, Geoland, FEMA, Intermap and the GIS user community, FDEP/DWM/BWC, Sources: Esri, HERE, Garmin, FAO, NOAA, USGS, © OpenStreetMap contributors,

138506324 - Petroleum Sites

FACILITY_ID	COUNTY	FACILITY_NAME	DISCHARGE_DATE	DISCHARGE_SCORE	ELIGIBILITY	ELIGIBILITY_PROGRAM	GENERAL_CLEANUP_STATUS	STAFF_ASSIGNED	ADDRESS	CITY	ZIP5	FACILITY_TYPE	DOCUMENT_LINK
8506324	MIAMI-DADE	SPEEDWAY #6893	3/17/1991	11	ELIGIBLE	PLIRP	WORK UNDERWAY	MALDONADO_RE	1508 79TH ST CSWY	NORTH BAY VILLAGE	33141	Retail Station	https://prodenv.dep.state.fl.us/DepNexus/public/electronic-documents/8506324/facility!search
8506324	MIAMI-DADE	SPEEDWAY #6893	8/11/1998	11	ELIGIBLE	PLIRP	WORK UNDERWAY	MALDONADO_RE	1508 79TH ST CSWY	NORTH BAY VILLAGE	33141	Retail Station	https://prodenv.dep.state.fl.us/DepNexus/public/electronic-documents/8506324/facility!search

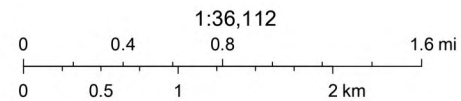
138506324 - Registered Tanks Nearby

FACILITY_ID	REGULATED	FACILITY_NAME	ADDRESS1	CITY	ZIP5	FACILITY_STATUS	FACILITY_TYPE	FACILITY_CLEANUP_STATUS_CODE	FACILITY_CLEANUP_STATUS	CLEANUP_STATUS_EFFECTIVE_DATE	DOCUMENTS
9817260	Y	TREASURE ISLE CARE CENTER	1335 N TREASURE DR	NORTH BAY VILLAGE	33141	OPEN	Fuel user/Non-retail	null	null	null	https://prodenv.dep.state.fl.us/DepNexus/public/electronic-documents/9817260/gis-facility!search
8506324	Y	SPEEDWAY #6893	1508 79TH ST CSWY	NORTH BAY VILLAGE	33141	OPEN	Retail Station	ONGO	ONGOING	10/10/2000	https://prodenv.dep.state.fl.us/DepNexus/public/electronic-documents/8506324/gis-facility!search
9811034	N	OXXO CARE CLEANERS	1530 KENNEDY CAUSEWAY	NORTH BAY VILLAGE	33141	OPEN	Drycleaner	null	null	null	https://prodenv.dep.state.fl.us/DepNexus/public/electronic-documents/9811034/gis-facility!search

138506324 - Topo



August 8, 2022




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138506324

Aerial View

Legend

 138506324

138506324

Google Earth


300 ft



138506324

Street View

Legend

 138506324





OFFICE OF THE PROPERTY APPRAISER

138506324 - Summary Report

Generated On : 8/8/2022

Property Information	
Folio:	23-3209-010-0140
Property Address:	1508 79 ST North Bay Village, FL 33141-4131
Owner	HESS REALTY LLC
Mailing Address	539 S MAIN STREET FINDLAY, OH 45840 USA
PA Primary Zone	6000 COMMERCIAL - GENERAL
Primary Land Use	2626 SERVICE STATION : SERVICE STATION - AUTOMOTIVE
Beds / Baths / Half	0 / 0 / 0
Floors	1
Living Units	0
Actual Area	Sq.Ft
Living Area	Sq.Ft
Adjusted Area	7,204 Sq.Ft
Lot Size	42,212 Sq.Ft
Year Built	2002



Assessment Information			
Year	2022	2021	2020
Land Value	\$3,809,633	\$2,807,098	\$2,807,098
Building Value	\$451,432	\$402,046	\$406,833
XF Value	\$53,485	\$54,130	\$54,773
Market Value	\$4,314,550	\$3,263,274	\$3,268,704
Assessed Value	\$3,589,601	\$3,263,274	\$3,139,851

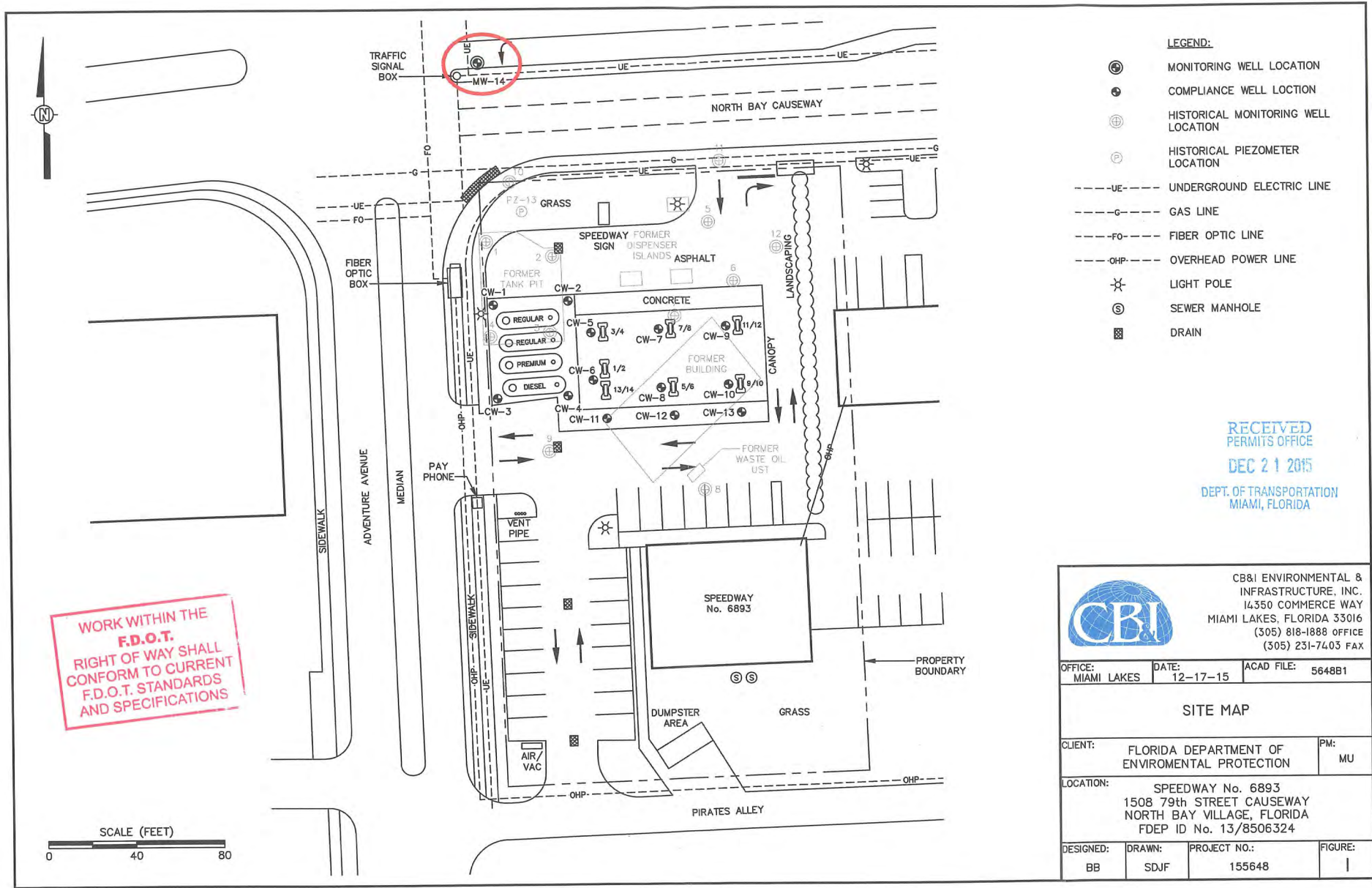
Benefits Information				
Benefit	Type	2022	2021	2020
Non-Homestead Cap	Assessment Reduction	\$724,949		\$128,853

Note: Not all benefits are applicable to all Taxable Values (i.e. County, School Board, City, Regional).

Taxable Value Information			
	2022	2021	2020
County			
Exemption Value	\$0	\$0	\$0
Taxable Value	\$3,589,601	\$3,263,274	\$3,139,851
School Board			
Exemption Value	\$0	\$0	\$0
Taxable Value	\$4,314,550	\$3,263,274	\$3,268,704
City			
Exemption Value	\$0	\$0	\$0
Taxable Value	\$3,589,601	\$3,263,274	\$3,139,851
Regional			
Exemption Value	\$0	\$0	\$0
Taxable Value	\$3,589,601	\$3,263,274	\$3,139,851

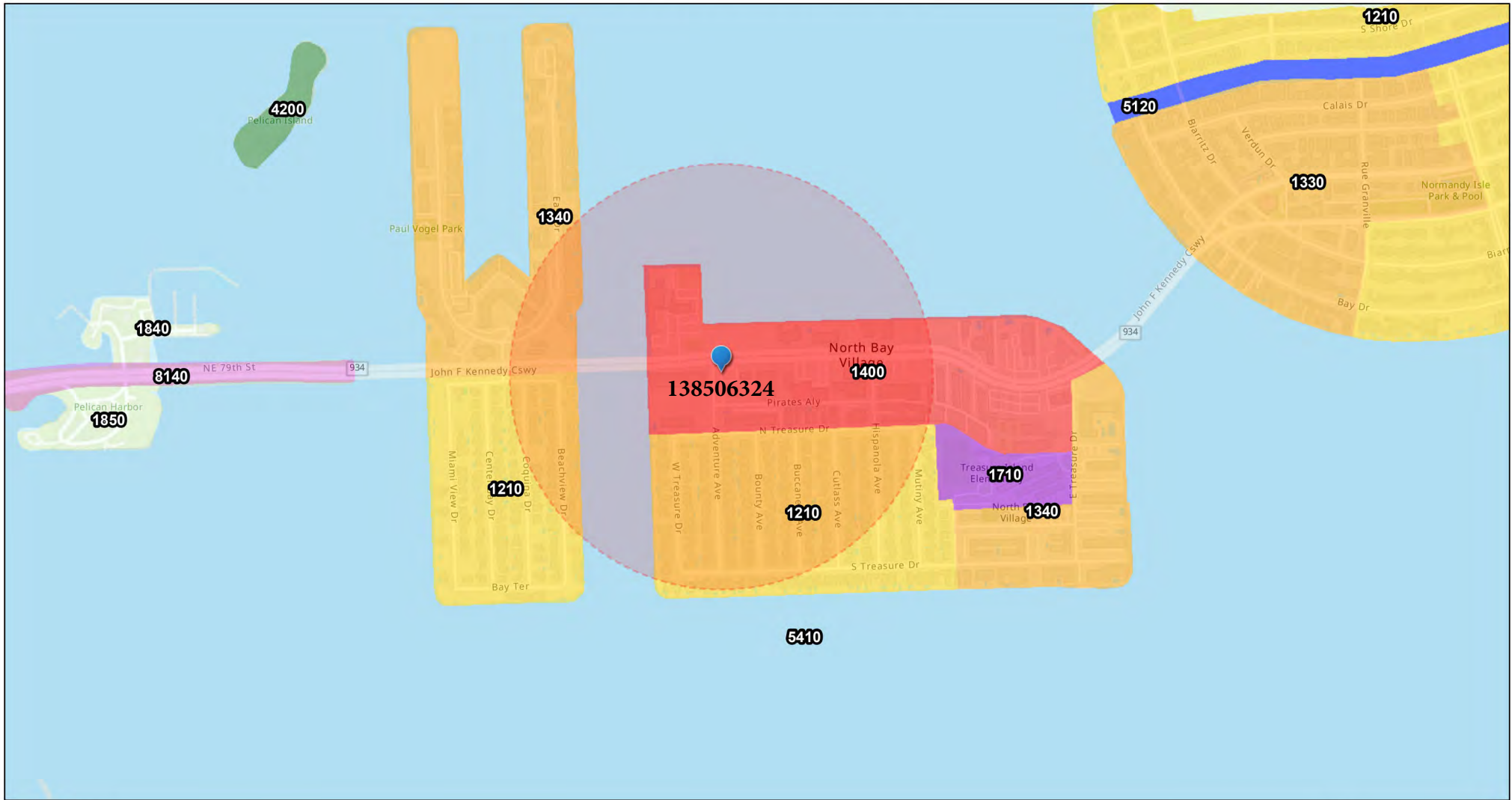
Sales Information

138506324 - Site Map



2015 K 691 94

138506324 - Land Use



August 5, 2022

Statewide Land Use Land Cover

Residential Medium Density

Residential High Density

Commercial and Services

Institutional

Recreational

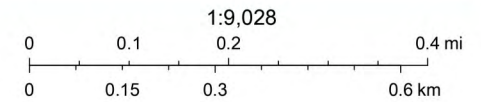
Upland Hardwood Forests

Streams and Waterways

Bays and Estuaries

Transportation

(Please note that there are no public or private wells within 1/4th miles of the site)



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138506324 - Land Use

LANDUSE_CODE	LANDUSE_DESCRIPTION	LEVEL1_LANDUSE_CODE	LEVEL1_LANDUSE_DESCRIPTION	LEVEL2_LANDUSE_CODE	LEVEL2_LANDUSE_DESCRIPTION
1340	1340: Multiple Dwelling Units, High Rise	1000	Urban and Built-Up	1300	Residential High Density
5410	5410: Embayments Opening Directly to Gulf or Ocean	5000	Water	5400	Bays and Estuaries
1210	1210: Fixed Single Family Units	1000	Urban and Built-Up	1200	Residential Medium Density
1400	1400: Commercial and Services	1000	Urban and Built-Up	1400	Commercial and Services

138506324 - Properties Within 1500 Feet

2332090081210	40 59 COQUINA DRIVE LLC	501 BRICKELL KEY DR STE 602		MIAMI	FL		0	NORTH BAY ISLAND PB 40-59			North Bay Village	33141
2332090081191	PHYLLIS S SEPE LE	7621 COQUINA DR		NORTH BAY VILLAGE	FL		0	9 53 42	7621 COQUINA DR		North Bay Village	33141
2332090081180	JORGE O LOPEZ	7601 COQUINA DR		NORTH BAY VILLAGE	FL		0	NORTH BAY ISLAND PB 40-59	7601 COQUINA DR		North Bay Village	33141
2332090010010	306 CONDO ASSN INC	7900 HARBOR ISLAND DR		NORTH BAY VILLAGE	FL		0	8-9 53 42 3.585 AC M/L			North Bay Village	33141
2332090081360	302 SOUTH STREET LLC	302 SOUTH STREET 2		BOSTON	MA		0	NORTH BAY ISLAND PB 40-59	7600 BEACH VIEW DR		North Bay Village	33141
2332090080230	HIVO GONZALEZ &W ESTELA	7821 BEACHVIEW DR		NO BAY VILLAGE	FL		33141	9 53 42	7821 BEACH VIEW DR		North Bay Village	33141
2332090090290	AHMED ELFEKI	1440 S TREASURE DR		NORTH BAY VILLAGE	FL		0	TREASURE ISLAND	1440 S TREASURE DR		North Bay Village	33141
2332090090590	ANTONIO & ELVIRA VILAR	7509 W TREASURE DR		NO BAY VILLAGE	FL		33141	9 53 42	7509 W TREASURE DR		North Bay Village	33141
2332090090670	JUDITH BOCK	7520 ADVENTURE AVE		MIAMI BEACH	FL		0	9 53 42	7520 ADVENTURE AVE		North Bay Village	33141
2332090090660	RAMON A SICAM &W TESSI D	7516 ADVENTURE AVE		NO BAY VILLAGE	FL		33141	TREASURE ISLAND PB 50-67	7516 ADVENTURE AVE		North Bay Village	33141
2332090120140	NABIL ABU NAHLAH	7505 ADVENTURE AVE		MIAMI BEACH	FL		0	TREASURE PLAZA PB 51-87	7505 ADVENTURE AVE		North Bay Village	33141
2332090120150	VILLA POETS CORP	3370 MARY ST		MIAMI	FL		0	TREASURE PLAZA PB 51-87	7501 ADVENTURE AVE		North Bay Village	33141
2332090090230	JUNIUS D MORRISON TRS	1510 S TREASURE DR		NORTH BAY VILLAGE	FL		0	9 53 42	1510 S TREASURE DR		North Bay Village	33141
2332090090880	DARREN SMITH	7513 BOUNTY AVE		N BAY VILLAGE	FL		33141	TREASURE ISLAND PB 50-67	7513 BOUNTY AVE		North Bay Village	33141
2332090090890	MARIA BEHAR	7509 BOUNTY AVE		N BAY VILLAGE	FL		33141	TREASURE ISLAND PB 50-67	7509 BOUNTY AVE		North Bay Village	33141
2332090090910	GRETHEL F CAPIN LE	1541 S TREASURE DR		NORTH BAY VILLAGE	FL		0	TREASURE ISLAND PB 50-67	1541 S TREASURE DR		North Bay Village	33141
2332090091180	ARMOGAN MANIKUM &W SURSWATTIE	7513 BUCCANEER AVE		N BAY VILLAGE	FL		33141	TREASURE ISLAND PB 50-67	7513 BUCCANEER AVE		North Bay Village	33141
2332090091200	FIORDALIZA MARTE	7505 BUCCANEER AVE		NORTH BAY VILLAGE	FL		0	9 53 42	7505 BUCCANEER AVE		North Bay Village	33141
2332090091210	JUNIUS D MORRISON TRS	1510 S TREASURE DR		NORTH BAY VILLAGE	FL		0	9 53 42	1601 S TREASURE DR		North Bay Village	33141
2332090091240	ERNESTO GIL RODRIGUEZ	7508 CUTLASS AVE		NORTH BAY VILLAGE	FL		0	TREASURE ISLAND PB 50-67	7508 CUTLASS AVE		North Bay Village	33141
2332090091500	CRYSTAL PEREZ	7505 CUTLASS AVE		NORTH BAY VILLAGE	FL		0	TREASURE ISLAND PB 50-67	7505 CUTLASS AVE		North Bay Village	33141
2332090090460	TIMOTHY WILCOX	7560 W TREASURE DR		NORTH BAY VILLAGE	FL		0	TREASURE ISLAND PB 50-67	7560 W TREASURE DR		North Bay Village	33141
2332090090450	JESUS MORENO &W DAISY	7556 W TREASURE DR		NO BAY VILLAGE	FL		33141	TREASURE ISLAND PB 50-67	7556 W TREASURE DR		North Bay Village	33141
2332090090510	FREDLYN ROSENFELD LE	908 N AURORA ST 1		ITHACA	NY		0	TREASURE ISLAND PB 50-67	7541 W TREASURE DR		North Bay Village	33141
2332090090550	GONZALO CASTILLO JTRS	7525 W TREASURE DR		NORTH BAY VILLAGE	FL		0	TREASURE ISLAND PB 50-67	7525 W TREASURE DR		North Bay Village	33141
2332090000010	SUNBEAM TELEVISION CORPORATION	1401 79 STREET CSWY		MIAMI	FL		0	9 53 42 .029 AC			North Bay Village	33141
2332090090710	CDP NBV LLC	7536 ADVENTURE AVE		NORTH BAY VILLAGE	FL		0	TREASURE ISLAND PB 50-67	7536 ADVENTURE AVE		North Bay Village	33141
2332090120070	DEBRA AND DANNY LLC	7533 ADVENTURE AVE		NORTH BAY VILLAGE	FL		0	TREASURE PLAZA PB 51-87	7533 ADVENTURE AVE		North Bay Village	33141
2332090120240	SHERRY ABRAMSON	7532 BOUNTY AVE		NORTH BAY VILLAGE	FL		0	TREASURE PLAZA PB 51-87	7532 BOUNTY AVE		North Bay Village	33141
2332090000030	SUNBEAM TELEVISION CORP	1401 79 ST CSWY		MIAMI	FL		0	9 53 42	1555 N BAY CSWY		North Bay Village	33141
2332090000031	SUNBEAM 1601 79TH STREET LLC	1401 79 STREET CSWY		NORTH BAY VILLAGE	FL		0	9 53 42			North Bay Village	33141
2332090090840	EUSEBIA RUBEN TRS	7529 BOUNTY AVE		NORTH BAY VILLAGE	FL		0	TREASURE ISLAND PB 50-67	7529 BOUNTY AVE		North Bay Village	33141
2332090091050	SUSANA MARTINEZ	7552 BUCCANEER AVE		NO BAY VILLAGE	FL		33141	TREASURE ISLAND PB 50-67	7552 BUCCANEER AVE		North Bay Village	33141
2332090100180	BMS NORTH BAY VILLAGE L L C	PO BOX 25025		GLENDALE	CA		91201	TREASURE ISL COMM ADDN PB 52-8	1550 KENNEDY CSWY		North Bay Village	33141
2332090091150	7525 BUCCANEER AVE NORTH BAY	7315 ALLEN DR		HOLLYWOOD	FL		0	TREASURE ISLAND PB 50-67	7525 BUCCANEER AVE		North Bay Village	33141
2332090350001	REFERENCE ONLY						0	TREASURE ISLAND COVE CONDO			North Bay Village	33141
2332090091340	ELSIE N SAGUINSIN &H SIMEON	7548 CUTLASS AVE		N BAY VILLAGE	FL		33141	9 53 42	7548 CUTLASS AVE		North Bay Village	33141
2332090091650	SUSAN LEAH DECHOVITZ	1904 S OCEAN DR		HALLANDALE	FL		33009	9 53 42	7552 HISPANOLA AVE		North Bay Village	33141
2332090091580	TERESITA SOFIA GOMEZ LOZANO TR	7524 HISPANOLA AVE		MIAMI	FL		0	TREASURE ISLAND PB 50-67	7524 HISPANOLA AVE		North Bay Village	33141
2332090000090	LEASEFLORIDA OF NBV LLC	5901 NW 151 ST #126		MIAMI LAKES	FL		0	9 53 42	1681 N BAY CSWY		North Bay Village	33141
2332090490001	REFERENCE ONLY						0	NORTH TREASURE TOWNHOMES CONDO			North Bay Village	33141
2332090091930	11INVEST LLC	2150 VAN BUREN ST #101		HOLLYWOOD	FL		0	TREASURE ISLAND PB 50-67	7544 MUTINY AVE		North Bay Village	33141
2332090091920	SILVIA V PRADO	7540 MUTINY AVE		NORTH BAY VILLAGE	FL		0	TREASURE ISLAND PB 50-67	7540 MUTINY AVE		North Bay Village	33141
2332090091970	ROBERT D EGOZI	7557 MUTINY AVE		N BAY VILLAGE	FL		33141	TREASURE ISLAND PB 50-67	7557 MUTINY AVE		North Bay Village	33141
2332090200001	REFERENCE ONLY						0	NO BAY WHITE HOUSE NO 4 CONDO			North Bay Village	33141
							0					0
2332090081240	MONIQUE ROUSSEL	7731 COQUINA DR		NORTH BAY VILLAGE	FL		0	NORTH BAY ISLAND PB 40-59	7731 COQUINA DR		North Bay Village	33141
2332090081190	CIESSE INVESTMENTS FLORIDA LLC	1614 JEFFERSON AVE APT 7		MIAMI	FL		0	9 53 42	7611 COQUINA DR		North Bay Village	33141
2332090010050	NORTH BAY VILLAGE FAA LLC	15120 SW 145 ST		MIAMI	FL		33196	HARBOR ISLAND PB 44-72	1345 79 STREET CSWY		North Bay Village	33141
2332090081330	MICHELLE CRAIG	7700 BEACH VIEW DR		NORTH BAY VILLAGE	FL		0	9 53 42	7700 BEACH VIEW DR		North Bay Village	33141
2332090081370	MARK MURPHY	7530 BEACH VIEW DR		NORTH BAY VILLAGE	FL		0	9 53 42	7530 BEACH VIEW DR		North Bay Village	33141
2332090340001	REFERENCE ONLY						0	HARBOR CONDO			North Bay Village	33141
2332090080140	CHRISTOPHER PETERSON &W EMILIA	7370 SW 170 TER		PALMETO BAY	FL		0	NORTH BAY ISLAND PB 40-59	7601 BEACH VIEW DR		North Bay Village	33141
2332090080130	MARIA EUGENIA MARINO	7531 BEACH VIEW DR		NORTH BAY VILLAGE	FL		0	NORTH BAY ISLAND PB 40-59	7531 BEACH VIEW DR		North Bay Village	33141
2332090090250	CARL ZORN &W MARIANNE	1510 SOUTH TREASURE DR		MIAMI BEACH	FL		33141	TREASURE ISLAND PB 50-67	1480 S TREASURE DR		North Bay Village	33141
2332090120190	MORRIS FRANKLIN &	7512 BOUNTY AVE		NORTH BAY VILLAGE	FL		33141	TREASURE PLAZA PB 51-87	7512 BOUNTY AVE		North Bay Village	33141
2332090090940	PURNIMA PATEL	7508 BUCCANEER AVE		NO BAY VILLAGE	FL		33141	9 53 42	7508 BUCCANEER AVE		North Bay Village	33141
2332090091260	JACK SELANIKIO &W ELISA B	7516 CUTLASS AVE		NO BAY VILLAGE	FL		33141	TREASURE ISLAND PB 50-67	7516 CUTLASS AVE		North Bay Village	33141
2332090090440	BORIS VICHOT	7552 W TREASURE DR		NORTH BAY VILLAGE	FL		0	TREASURE ISLAND PB 50-67	7552 W TREASURE DR		North Bay Village	33141
2332090090490	GUILLERMO MALDONADO	PO BOX 771090		MIAMI	FL		33177	TREASURE ISLAND PB 50-67	7549 W TREASURE DR		North Bay Village	33141
2332090120020	REI UMEZAWA	7553 ADVENTURE AVE		NORTH BAY VILLAGE	FL		33141	TREASURE PLAZA PB 51-87	7553 ADVENTURE AVE		North Bay Village	33141

138506324 - Properties Within 1500 Feet

2332090120290	AHMAD IZADI &	7552 BOUNTY AVE	N BAY VILLAGE	FL	33141	TREASURE PLAZA PB 51-87	7552 BOUNTY AVE	North Bay Village	33141
2332090120220	LAURA KARINA PANIZZA	7524 BOUNTY AVE	NORTH BAY VILLAGE	FL	0	TREASURE PLAZA PB 51-87	7524 BOUNTY AVE	North Bay Village	33141
2332090090790	PAAL ANDERS HANGERAAS	7549 BOUNTY AVE	NORTH BAY VILLAGE	FL	0	9 53 42	7549 BOUNTY AVE	North Bay Village	33141
2332090090820	MATTHEW M STRINGER &W ANISIA	7537 BOUNTY AVE	NO BAY VILLAGE	FL	33141	TREASURE ISLAND PB 50-67	7537 BOUNTY AVE	North Bay Village	33141
2332090090850	JAIMÉ MOTOLA &W RAQUEL	7525 BOUNTY AVE	MIAMI BEACH	FL	33141	TREASURE ISLAND PB 50-67	7525 BOUNTY AVE	North Bay Village	33141
2332090091000	GLEN BASKIN	7532 BUCCANEER AVE	NORTH BAY VILLAGE	FL	33141	9 53 42	7532 BUCCANEER AVE	North Bay Village	33141
2332090090970	MAURO ARONOVSKI &W ESTHER	7520 BUCCANEER AVE	NO BAY VILLAGE	FL	33141	TREASURE ISLAND PB 50-67	7520 BUCCANEER AVE	North Bay Village	33141
2332090091110	DEBORAH WILSON	7541 BUCCANEER AVE	N BAY VILLAGE	FL	33141	TREASURE ISLAND PB 50-67	7541 BUCCANEER AVE	North Bay Village	33141
2332090091140	DORA M TANO	7529 BUCCANEER AVE	BAY VILLAGE	FL	33141	9 53 42	7529 BUCCANEER AVE	North Bay Village	33141
2332090091360	ANDY DORCELY	1652 NE 143 ST	NORTH MIAMI	FL	0	TREASURE ISLAND PB 50-67	1620 N TREASURE DR	North Bay Village	33141
2332090091330	WAHKIT HUI	401 69 ST 1513	MIAMI BEACH	FL	0	TREASURE ISLAND PB 50-67	7544 CUTLASS AVE	North Bay Village	33141
2332090091280	RAFAEL BEHAR &W	7524 CUTLASS AVE	MIAMI	FL	33141	TREASURE ISLAND PB 50-67	7524 CUTLASS AVE	North Bay Village	33141
2332090100040	DALIA PAGAN TRS	1657 NORTH TREASURE DR 4	NORTH BAY VILLAGE	FL	0	TREASURE ISL COMM ADDN PB 52-8	1657 N TREASURE DR	North Bay Village	33141
2332090091410	OSMAN VILLATORO	7541 CUTLASS AVE	NORTH BAY VILLAGE	FL	0	TREASURE ISLAND PB 50-67	7541 CUTLASS AVE	North Bay Village	33141
2332090091460	JAMES H ROSENBERG	7521 CUTLASS AVE	N BAY VILLAGE	FL	33141	TREASURE ISLAND PB 50-67	7521 CUTLASS AVE	North Bay Village	33141
2332090091600	VILLA TESORO INC	1604 WASHINGTON AVE	MIAMI BEACH	FL	0	TREASURE ISLAND PB 50-67	7532 HISPANOLA AVE	North Bay Village	33141
2332090091940	MARIA KURANI &H NIRMAL	7548 MUTINY AVE	N BAY VILLAGE	FL	33141	TREASURE ISLAND PB 50-67	7548 MUTINY AVE	North Bay Village	33141
2332090091980	RODOLFO YORDI EST OF	7553 MUTINY AVE	NO BAY VILLAGE	FL	33141	TREASURE ISLAND PB 50-67	7553 MUTINY AVE	North Bay Village	33141
2332090080980	RICCARDO MARGARITELLI	7730 COQUINA DR	NORTH BAY VILLAGE	FL	0	NORTH BAY ISLAND PB 40-59	7730 COQUINA DR	North Bay Village	33141
2332090080990	CARLOS ESPASAS	7720 COQUINA DR	MIAMI	FL	0	9 53 42	7720 COQUINA DR	North Bay Village	33141
2332090081250	ARMANDO CASTILLO	7801 COQUINA DR	N BAY VILLAGE	FL	0	NORTH BAY ISLAND PB 40-59	7801 COQUINA DR	North Bay Village	33141
2332090081320	ANDRES BERROA	7710 BEACH VIEW DR	NORTH BAY VILLAGE	FL	0	NORTH BAY ISLAND PB 40-59	7710 BEACH VIEW DR	North Bay Village	33141
2332090080220	ESTHER SANTANA	7811 BEACH VIEW DR	N BAY VILLAGE	FL	33141	NORTH BAY ISLAND PB 40-59	7811 BEACH VIEW DR	North Bay Village	33141
2332090080160	CARLOS SALINAS	7623 BEACHVIEW DR	NORTH BAY VILLAGE	FL	0	9 53 42	7623 BEACH VIEW DR	North Bay Village	33141
2332090090340	ALBERTO PEREZ &W ESTHER B	7512 W TREASURE DR	MIAMI BCH	FL	33141	TREASURE ISLAND PB 50-67	7512 W TREASURE DR	North Bay Village	33141
2332090090320	7504 W TREASURE LLC	7315 ALLEN DR	HOLLYWOOD	FL	0	TREASURE ISLAND PB 50-67	7504 W TREASURE DR	North Bay Village	33141
2332090090560	DIEGO I SHMUELS	7521 W TREASURE DR	NORTH BAY VILLAGE	FL	0	TREASURE ISLAND PB 50-67	7521 W TREASURE DR	North Bay Village	33141
2332090090600	ONEISY LEIVA	7505 W TREASURE DR	NORTH BAY VILLAGE	FL	0	TREASURE ISLAND PB 50-67	7505 W TREASURE DR	North Bay Village	33141
2332090120100	SUSAN SWARTZ TRS	7521 ADVENTURE AVE	NORTH BAY VILLAGE	FL	0	9 53 42	7521 ADVENTURE AVE	North Bay Village	33141
2332090120110	RACHID ZEROUKI	7517 ADVENTURE AVE	NORTH BAY VILLAGE	FL	0	TREASURE PLAZA PB 51-87	7517 ADVENTURE AVE	North Bay Village	33141
2332090120120	INVERSIONES BU & HIJOS CORP	7513 ADVENTURE AVE	NORTH BAY VILLAGE	FL	0	TREASURE PLAZA PB 51-87	7513 ADVENTURE AVE	North Bay Village	33141
2332090120170	MICHAEL M O CONNELL	7504 BOUNTY AVE	NORTH BAY VILLAGE	FL	0	TREASURE PLAZA PB 51-87	7504 BOUNTY AVE	North Bay Village	33141
2332090120160	ESPERANZA ELENA PEREZ	7500 BOUNTY AVE	MIAMI	FL	0	TREASURE PLAZA PB 51-87	7500 BOUNTY AVE	North Bay Village	33141
2332090091250	NANCY R SELWYN	7512 CUTLASS AVE	NO BAY VILLAGE	FL	33141	TREASURE ISLAND PB 50-67	7512 CUTLASS AVE	North Bay Village	33141
2332090091230	AROLD HENRY & MARYSE SAMPEUR	7504 CUTLASS AVE	NO BAY VILLAGE	FL	33141	9 53 42	7504 CUTLASS AVE	North Bay Village	33141
2332090090420	PAUL M DUCHARME	7544 W TREASURE DR	NORTH BAY VILLAGE	FL	0	TREASURE ISLAND PB 50-67	7544 W TREASURE DR	North Bay Village	33141
2332090090400	7536 W TREASURE DR LLC	488 NE 18 ST UNIT 4601	MIAMI	FL	0	TREASURE ISLAND PB 50-67	7536 W TREASURE DR	North Bay Village	33141
2332090090480	SIRIPHAN KNATTONGCOME	7510 BEACH VIEW DR	NO BAY VILLAGE	FL	33141	TREASURE ISLAND PB 50-67	7553 W TREASURE DR	North Bay Village	33141
2332090090530	BERNARDO J NAVARRO	7533 W TREASURE DR	NORTH BAY VILLAGE	FL	0	9 53 42	7533 W TREASURE DR	North Bay Village	33141
2332090090740	11 INVEST PRO L L C	7505 MUTINY AVE	NORTH BAY VILLAGE	FL	0	TREASURE ISLAND PB 50-67	7548 ADVENTURE AVE	North Bay Village	33141
2332090090730	NORMANDY INVEST LLC	90 ALTON RD STE 104	MIAMI BEACH	FL	0	TREASURE ISLAND PB 50-67	7544 ADVENTURE AVE	North Bay Village	33141
2332090090700	ABEL CONTRERAS	7532 ADVENTURE AVE	NORTH BAY VILLAGE	FL	0	9 53 42	7532 ADVENTURE AVE	North Bay Village	33141
2332090120010	EDGAR NUNEZ BLANCO	1500 N TREASURE DR	MIAMI BEACH	FL	0	TREASURE PLAZA PB 51-87	1500 N TREASURE DR	North Bay Village	33141
2332090100160	MURRAY WEIL JR & E CHERKIN CO-	333 E 49 ST APT 7G	NEW YORK	NY	10017	TREASURE ISL COMM ADDN PB 52-8	1500 79 STREET CSWY	North Bay Village	33141
2332090120230	ARIEL AMADOR RODRIGUEZ	8400 BYRON AVE 3E	MIAMI BEACH	FL	0	9 53 42	7528 BOUNTY AVE	North Bay Village	33141
2332090090830	JESUS E SUAREZ TOSCANO	7533 BOUNTY AVE	NORTH BAY VILLAGE	FL	0	9 53 42	7533 BOUNTY AVE	North Bay Village	33141
2332090100220	SIMCHA CONNECTION INC	1580 79 STREET CSWY	NORTH BAY VILLAGE	FL	0	TREASURE ISL COMM ADDN PB 52-8	1580 KENNEDY CSWY	North Bay Village	33141
2332090091020	SELINA MILLS	754 BUCCANEER AVE	NORTH BAY VILLAGE	FL	33141	9 53 42	7540 BUCCANEER AVE	North Bay Village	33141
2332090091010	MOLLY MECQUE BILDERBACK	7536 BUCCANEER AVE	NORTH BAY VILLAGE	FL	0	TREASURE ISLAND PB 50-67	7536 BUCCANEER AVE	North Bay Village	33141
2332090000040	SUNBEAM 1601 79TH STREET LLC	1401 79 STREET CSWY	NORTH BAY VILLAGE	FL	0	9 53 42	1601 79 STREET CSWY	North Bay Village	33141
2332090091080	ALERD A BETGUEN &W BRIGIDA	7553 BUCCANEER AVE	N BAY VILLAGE	FL	33141	9 53 42	7553 BUCCANEER AVE	North Bay Village	33141
2332090091120	NICHOLAS VENTURA LE	7929 BOUNTY AVE	NORTH BAY VILLAGE	FL	0	9 53 42	7537 BUCCANEER AVE	North Bay Village	33141
2332090091350	7552 CUTLASS LLC	7552 CUTLASS AVE	NORTH BAY VILLAGE	FL	0	TREASURE ISLAND PB 50-67	7552 CUTLASS AVE	North Bay Village	33141
2332090440001	REFERENCE ONLY				0	BAYVIEW CONDO AT NORTH BAY		North Bay Village	33141
2332090091400	JOSE REYNALDO PARADA JR	7545 CUTLASS AVE	MIAMI	FL	0	TREASURE ISLAND PB 50-67	7545 CUTLASS AVE	North Bay Village	33141
2332090091710	ALEJANDRO F ORTEGA	7541 HISPANOLA AVE	NORTH BAY VILLAGE	FL	0	TREASURE ISLAND PB 50-67	7541 HISPANOLA AVE	North Bay Village	33141
2332090000110	1755 NBV LLC	1870 NW SOUTH RIVER DR	MIAMI	FL	0	9 53 42	1755 79 STREET CSWY	North Bay Village	33141
2332090080110	SARAH PERILLI	7511 BEACH VIEW DRIVE	NORTH BAY VILLAGE	FL	0	NORTH BAY ISLAND PB 40-59	7511 BEACH VIEW DR	North Bay Village	33141
2332090080960	TUNG DUC NGUYEN	PO BOX 415116	MIAMI BEACH	FL	0	9 53 42	7810 COQUINA DR	North Bay Village	33141
2332090081230	JOSE R SANCHEZ &W MARIA	7721 COQUINA DR	N BAY VILLAGE	FL	33141	NORTH BAY ISLAND PB 40-59	7721 COQUINA DR	North Bay Village	33141
2332090081200	PHYLLIS S SEPE LE	7621 COQUINA DR	NORTH BAY VILLAGE	FL	0	NORTH BAY ISLAND PB 40-59		North Bay Village	33141

138506324 - Properties Within 1500 Feet

2332090081310	ALIUSKA AMARAN	7720 BEACH VIEW DR		NORTH BAY VILLAGE	FL	33141	NORTH BAY ISLAND PB 40-59	7720 BEACH VIEW DR		North Bay Village	33141
2332090010070	NORTH-BAY VILLAGE	7903 EAST DR		NO BAY VILLAGE	FL	33141	HARBOR ISLAND PB 44-72			North Bay Village	33141
3032090020010	STATE OF FLORIDA	1000 NW 111 AVE		MIAMI	FL	33172	9 53 42 1.25 AC			Unincorporated County	33141
2332090010151	C & D BAY VILLAGE LLC	7915 E DR #1		NORTH BAY VILLAGE	FL	0	HARBOR ISLAND	7915 EAST DR		North Bay Village	33141
2332090080190	LYDIA H HOWARD	7721 BEACH VIEW DR		NORTH BAY VILLAGE	FL	0	NORTH BAY ISLAND PB 40-59	7721 BEACH VIEW DR		North Bay Village	33141
2332090090350	KEVIN WHEELER	4631 S RACINE AVE		CHICAGO	IL	0	9 53 42	7516 W TREASURE DR		North Bay Village	33141
2332090090300	TREASURE DRIVE LLC	2340 NE 48 CT		LIGHTHOUSE POINT	FL	0	TREASURE ISLAND	1400 S TREASURE DR		North Bay Village	33141
2332090090650	PATRICIA M CARTAGENA	7512 ADVENTURE AVE		NORTH BAY VILLAGE	FL	0	TREASURE ISLAND PB 50-67	7512 ADVENTURE AVE		North Bay Village	33141
2332090090260	MARK BAGAN	1470 S TREASURE DR		NORTH BAY VILLAGE	FL	0	TREASURE ISLAND PB 50-67	1470 S TREASURE DR		North Bay Village	33141
2332090090240	FRED J MURPHY & W RIVIEN	10247 EL CABALLO CT		DELRAY BEACH	FL	33446	TREASURE ISLAND PB 50-67	1500 S TREASURE DR		North Bay Village	33141
2332090120130	JOSUA C CONES	7017 TROUVILLE ESPLANADE		MIAMI BEACH	FL	0	TREASURE PLAZA PB 51-87	7509 ADVENTURE AVE		North Bay Village	33141
2332090090220	SUSAN MINSTER	1520 S TREASURE DR		NORTH BAY VILLAGE	FL	0	TREASURE ISLAND PB 50-67	1520 S TREASURE DR		North Bay Village	33141
2332090090190	SIBER US LLC	990 BISCAYNE BLVD #701		MIAMI	FL	0	TREASURE ISLAND PB 50-67	1560 S TREASURE DR		North Bay Village	33141
2332090090960	JOSEPH M GRECO	7516 BUCCANEER AVE		NORTH BAY VILLAGE	FL	0	TREASURE ISLAND PB 50-67	7516 BUCCANEER AVE		North Bay Village	33141
2332090090170	1580 S TREASURE DR LLC	1580 S TREASURE DR		NORTH BAY VILLAGE	FL	0	TREASURE ISLAND PB 50-67	1580 S TREASURE DR		North Bay Village	33141
2332090091470	GUDRUN V VOLKER	7517 CUTLASS AVE		N BAY VILLAGE	FL	33141	TREASURE ISLAND PB 50-67	7517 CUTLASS AVE		North Bay Village	33141
2332090090410	MIGUEL MENDIOLA	7540 W TREASURE DR		NORTH BAY VILLAGE	FL	0	TREASURE ISLAND PB 50-67	7540 W TREASURE DR		North Bay Village	33141
2332090000201	SUNBEAM TELEVISION CORPORATION	1401 79 STREET CSWY		MIAMI	FL	0	9 53 42 3.34 AC	1415 NE 79 ST		North Bay Village	33141
2332090120090	BETH SHAFTAL	7525 ADVENTURE AVE		NORTH BAY VILLAGE	FL	0	TREASURE PLAZA PB 51-87	7525 ADVENTURE AVE		North Bay Village	33141
2332090100170	MURRAY WEIL JR & E CHEKIN CO-T	333 E 49 ST APT 7G		NEW YORK	NY	10017	TREASURE ISL COMM ADDN PB 52-8	1524 N BAY CSWY		North Bay Village	33141
2332090120270	ANNIE SLATKOFF LE	7544 BOUNTY AVE		NORTH BAY VILLAGE	FL	0	TREASURE PLAZA PB 51-87	7544 BOUNTY AVE		North Bay Village	33141
2332090090810	MANUEL A GARCIA	7541 BOUNTY AVE		NORTH BAY VILLAGE	FL	0	TREASURE ISLAND PB 50-67	7541 BOUNTY AVE		North Bay Village	33141
2332090091040	ANA CHAPARRO & HERMAN ROMAN	7548 BUCCANEER AVE		NORTH BAY VILLAGE	FL	33141	TREASURE ISLAND PB 50-67	7548 BUCCANEER AVE		North Bay Village	33141
2332090090990	GRACELYN A CHATTERPAUL JTRS	7528 BUCCANEER AVE		MIAMI	FL	0	TREASURE ISLAND PB 50-67	7528 BUCCANEER AVE		North Bay Village	33141
2332090091160	MARISSA PUTLEK	11938 SW 253 TER		HOMESTEAD	FL	0	9 53 42	7521 BUCCANEER AVE		North Bay Village	33141
2332090100270	BAYMAR HOTELS & PROPERTIES INC	1111 KANE CONCOURSE S 211		BAY HARBOR ISLAND	FL	33154	9 53 42	1624 N BAY CSWY		North Bay Village	33141
2332090091430	MARIA FATIMA DA ROCHA LE	7533 CUTLASS AVE		NORTH BAY VILLAGE	FL	0	TREASURE ISLAND PB 50-67	7533 CUTLASS AVE		North Bay Village	33141
2332090091440	GEOFFREY KOBRIN & W SUSAN	7529 CUTLASS AVE		NO BAY VILLAGE	FL	33141	TREASURE ISLAND PB 50-67	7529 CUTLASS AVE		North Bay Village	33141
2332090091610	RAUL TORO & W ESTELA	7536 HISPANOLA AVE		BAY VILLAGE	FL	33141	TREASURE ISLAND PB 50-67	7536 HISPANOLA AVE		North Bay Village	33141
2332090091740	NESIP TOYKAN	7529 HISPANOLA AVE		NORTH BAY VILLAGE	FL	0	TREASURE ISLAND PB 50-67	7529 HISPANOLA AVE		North Bay Village	33141
2332090091750	LUIS ABREU	7525 HISPANOLA AVE		NORTH BAY VILLAGE	FL	0	TREASURE ISLAND PB 50-67	7525 HISPANOLA AVE		North Bay Village	33141
2332090091960	MARCELO TERAN & W MARGARITA	7556 MUTINY AVE		N BAY VILLAGE	FL	33141	9 53 42	7556 MUTINY AVE		North Bay Village	33141
2332090091900	DORIS HURST	7532 MUTINY AVE		NORTH BAY VILLAGE	FL	0	TREASURE ISLAND PB 50-67	7532 MUTINY AVE		North Bay Village	33141
2332090000180	FLORIDA REAL ESTATE COMPANY LL	200 INTERNATIONAL CL STE 3500		HUNT VALLEY	MD	21030	9 53 42 2.70 AC	1735 N TREASURE DR		North Bay Village	33141

138506324 - Oculus Before Updates

View Document (.pdf)	Document	Administrative	8506324	05-16-2022	05-16-2022	FIELD WORK NOTIFICATION	FIELD WORK NOTIFICATION	MIAMI-DADE	STCM FACILITY	00559				196 KB	1.0	Y	05-26-2022	maldona
View Document (.msg)	Document	Administrative	8506324	05-16-2022	05-16-2022	FIELD WORK NOTIFICATION	FIELDWORK ACTIVITIES	MIAMI-DADE	STCM FACILITY					55 KB	1.0	Y	05-17-2022	mas_j
View Document (.pdf)	Document	Cleanup_Remediation	8506324	07-29-2022	07-29-2022	MONITORING PLANS AND REPORTS REL	8506324,FREE PRODUCT REMOVAL R	MIAMI-DADE	STCM FACILITY					12197 KB	1.0	Y	08-02-2022	afyouni_

View Document (.msg)	Document	Fiscal	8506324	04-12-2022	04-12-2022	PROPOSAL RELATED	REQUEST TO PARTICIPATE IN CONTRACTOR SELEC	MIAMI-DADE	STCM FACILITY	559				34 KB	1.0	Y	06-21-2022	brackney
View Document (.msg)	Document	Fiscal	8506324	04-18-2022	04-18-2022	PROPOSAL RELATED	PRP ASSIGNMENT OF WORK FOR CONTINUED SCO	MIAMI-DADE	STCM FACILITY	559				2087 KB	1.0	Y	06-21-2022	brackney
View Document (.msg)	Document	Fiscal	8506324	04-19-2022	04-19-2022	PROPOSAL RELATED	RE: PRP ASSIGNMENT OF WORK FOR CONTINUED	MIAMI-DADE	STCM FACILITY	559				372 KB	1.0	Y	06-21-2022	brackney
View Document (.pdf)	Document	Fiscal	8506324	04-27-2022	04-27-2022	WORK ORDER - TASK ASS	PURCHASE ORDER BAF1AC	MIAMI-DADE	STCM FACILITY	00559				2275 KB	1.0	Y	04-29-2022	laurie_d
View Document (.pdf)	Document	Cleanup_Remediation	8506324	05-05-2022	05-05-2022	REMEDIAL ACTION RELA	8506324,INTERIM DELIVERABLE FOR INVOICING,C	MIAMI-DADE	STCM FACILITY					1512 KB	1.0	Y	05-12-2022	afyouni_r
View Document (.pdf)	Document	Cleanup_Remediation	8506324	05-06-2022	05-06-2022	APPROVAL RELATED	138506324, TASK 1 DELIVERABLE REVIEW, HASP, A	MIAMI-DADE	STCM FACILITY					15 KB	1.0	Y	05-12-2022	afyouni_r
View Document (.pdf)	Document	Administrative	8506324	05-16-2022	05-16-2022	FIELD WORK NOTIFICATI	FIELD WORK NOTIFICATION	MIAMI-DADE	STCM FACILITY	00559				196 KB	1.0	Y	05-26-2022	maldonad
View Document (.msg)	Document	Administrative	8506324	05-16-2022	05-16-2022	FIELD WORK NOTIFICATI	FIELDWORK ACTIVITIES	MIAMI-DADE	STCM FACILITY					55 KB	1.0	Y	05-17-2022	mas_j
View Document (.pdf)	Document	Cleanup_Remediation	8506324	07-29-2022	07-29-2022	MONITORING PLANS AN	8506324,FREE PRODUCT REMOVAL REPORT,CLEAN	MIAMI-DADE	STCM FACILITY					12197 KB	1.0	Y	08-02-2022	afyouni_r

138506324 - Oculus Updates


Document Date	Document Type	Reason for Update
2/13/1992	Review Related	Inserted missing document: CAR Review
5/18/1992	Site Assessment Related	Inserted missing document: CAR Addendum
6/12/1992	Approval Related	Inserted missing document: CARA approval
9/7/1995	Review Comments	Request duplicate removal
10/4/1995	Remedial Action Plan Related	Change Received date to 10/4/1995
2/15/1996	Approval Related	Change received date to 2/15/1996
2/27/1998	Miscellaneous	Change Document Type to Order of Determination of Discounted Payment
2/27/1998	Miscellaneous	Change Document Type to Order of Determination of Discounted Payment
3/2/1998	Miscellaneous	Change Document Type to Certified Mail Receipt
3/2/1998	Miscellaneous	Change Document Type to Certified Mail Receipt
9/4/1998	Miscellaneous	Change Document Type to Underground Storage Tank Installation and Removal Form
12/16/1999	Miscellaneous	Change Document Type to SUPER Act Well Survey Form
2/17/2017	Site Assessment Related	Requested duplicate removal: Interim Assessment Report
3/3/2017	Review Comments	Requested duplicate removal: Task 2 Deliverable Review

Theis, Nichole

From: US - ENE - Team 6 Mail
To: Maldonado, Rafael
Subject: RE: Speedway #6893, FAC ID 13/8506324. Task 2, Interim Assessment Report, Deliverable Review with Comments

From: Philip Hoffken <phoffken@terra-comenv.com>
Sent: Wednesday, July 14, 2021 9:59 AM
To: Maldonado, Rafael <Rafael.Maldonado@wsp.com>
Cc: Stuart Castle <scastle@terra-comenv.com>
Subject: RE: Speedway #6893, FAC ID 13/8506324. Task 2, Interim Assessment Report, Deliverable Review with Comments

Rafael,
Please see the link below to the RTC for Task 2.

 [2021-7-14 Speedway 6893 Task 2 Response to Comments.pdf](#)

Thanks,
Phil

From: Maldonado, Rafael <Rafael.Maldonado@wsp.com>
Sent: Monday, July 12, 2021 4:47 PM
To: Philip Hoffken <phoffken@terra-comenv.com>
Subject: RE: Speedway #6893, FAC ID 13/8506324. Task 2, Interim Assessment Report, Deliverable Review with Comments

Phil,
Just a friendly reminder that the revised report is due in a couple of days, thanks.

Rafael.

From: Maldonado, Rafael
Sent: Tuesday, June 29, 2021 12:13 PM
To: Philip Hoffken <phoffken@terra-comenv.com>
Subject: RE: Speedway #6893, FAC ID 13/8506324. Task 2, Interim Assessment Report, Deliverable Review with Comments

Phil,
The correct address is:
1508 79th Street, North Bay Village, FL 33141

Thanks,

Rafael.

From: Philip Hoffken <phoffken@terra-comenv.com>
Sent: Tuesday, June 29, 2021 11:41 AM

To: Maldonado, Rafael <Rafael.Maldonado@wsp.com>

Subject: RE: Speedway #6893, FAC ID 13/8506324. Task 2, Interim Assessment Report, Deliverable Review with Comments

Rafael,

I want to confirm the address.

Below you have "1508 79th Street, North Bay Village"

On the issued Purchase Order the address is "1508 7^{9th} Street Causeway, North Bay Village"

Please confirm correct. I will add the zip code to all addresses across the report.

Phil

From: Maldonado, Rafael <Rafael.Maldonado@wsp.com>

Sent: Monday, June 14, 2021 10:25 AM

To: Philip Hoffken <phoffken@terra-comenv.com>

Cc: Porto, Janice <Janice.Porto@FloridaDEP.gov>; Jones, Lance G. <Lance.G.Jones@dep.state.fl.us>; US - ENE - Team 6 Mail <ene.team6@wsp.com>; Jacobs, David <David.Jacobs@wsp.com>

Subject: Speedway #6893, FAC ID 13/8506324. Task 2, Interim Assessment Report, Deliverable Review with Comments

Mr. Philip Hoffken Jr.

TERRA-COM Environmental Consulting, Inc.

112 43rd Ave SW

Vero Beach, FL 32968

Subject: Deliverable Review

Speedway #6893

1508 79th Street

North Bay Village, Miami-Dade County, FL

FDEP FACID #13/8506324

Purchase Order: B7CB83

Dear Mr. Hoffken,

The Petroleum Restoration Program (PRP) has reviewed the Interim Assessment Report dated June 4, 2021 (received June 4, 2021), submitted for this facility; FACID 13/8506324, Purchase Order (PO) # B7CB83. The following items need to be addressed before the report can be approved. Please provide a revised report within 30 days of this email.

1. Site address should read 1508 79th Street, North Bay Village, FL 33141 throughout the entire report.
2. Include all former tanks and dispensers on all Figures.
3. Some data collected and/or depth to water data is missing from Table 1. Also please try to verify the depth to groundwater of 9' from previous assessments.
4. Some dates are illegible from Table 1.
5. On Tables 4 and 5, please indicate which removed tank the side wall sampled were from.
6. On Figure 5, Soil Analytical Data, the boring labels and depths are hard to discern. Please clarify.
7. On Figure 7, Groundwater Analytical Data Summary please indicate GCTL exceedance with bold font.

If you have any questions about the review, please contact me at (561) 793-3849, ext. 3904 or by e-mail at rafael.maldonado@wsp.com.

Sincerely,

Rafael Maldonado

Site Manager

FDEP Petroleum Restoration Program-Team 6

WSP USA (formerly Ecology and Environment, Inc.)

Please note the new email address.



Email: rafael.maldonado@wsp.com

Direct: +1 850-629-3913

Main: +1 561-793-3849 ext.3904

WSP USA

12300 South Shore Blvd. Suite 222

Wellington, FL 33414

wsp.com

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July 14, 2021
TERRA-COM #2020-0087

Rafael Maldonado
Site Manager
FDEP Petroleum Restoration Program-Team 6
WSP USA
12300 South Shore Blvd. Suite 222
Wellington, FL 33414

RE: TASK 2 Deliverable – Response to Comments
Speedway # 6893
1508 79th Street
North Bay Village, Florida 33141
Facility Identification Number 13/8506324
FDEP Purchase Order Number: B7CB83
UT #: 673

Mr. Maldonado:

TERRA-COM Environmental Consulting, Inc. (TERRA-COM) is pleased to submit this response to comments to the Task 2 - Interim Assessment Report review letter dated June 14, 2021. A copy of the correspondence is included in **Appendix A**. TERRA-COM provides the following response to comments:

Comment # 1:

Site address should read 1508 79th Street, North Bay Village, FL 33141 throughout the entire report.

Response # 1:

All instances where the site address is listed: text, lab reports, field packets, etc have been revised to reflect the correct address. The revised paperwork is provided in the Revised Interim Site Assessment Report in **Appendix B**.

Comment # 2:

Include all former tanks and dispensers on all Figures.

Response # 2:

All applicable figures have been edited to include the historical locations of the former UST pit, former dispensers, and former waste oil UST. The edited figures are provided with the Revised Interim Site Assessment Report in **Appendix B**.

Comment # 3:

Some data collected and/or depth to water data is missing from Table 1. Also please try to verify the depth to groundwater of 9' from previous assessments.

Response # 3:

The indicated missing data from Table 1 and the reported 9-foot depths to water from the previous site assessments have been revised. The only “missing” data is from borings completed in 2001. A follow-up review of the 2001 UST Closure Report did not contain the soil boring logs and the depth to water was not reported in the table, so they are still reported as “Not Reported.” The edited table is provided with the Revised Interim Site Assessment Report in **Appendix B**.

Comment # 4:

Some dates are illegible from Table 1.

Response # 4:

The illegible dates have been revised. The edited table is provided with the Revised Interim Site Assessment Report in **Appendix B**.

Comment # 5:

On Tables 4 and 5, please indicate which removed tank the side wall sampled were from.

Response #5:

The sidewall samples (NWALL, EWALL, WWALL, and SWALL) collected in 1998 were collected from the former waste oil tank. The edited tables are provided with the Revised Interim Site Assessment Report in **Appendix B**.

Comment # 6:

On Figure 5, Soil Analytical Data, the boring labels and depths are hard to discern. Please clarify.

Response # 6:

The text on **Figure 5** has been edited. The edited figure is provided with the Revised Interim Site Assessment Report in **Appendix B**.

Comment # 7:

On Figure 7, Groundwater Analytical Data Summary please indicate GCTL exceedance with bold font.

Response # 7:

Figure 7 has been revised to highlight GCTL exceedances. The revised figure is provided in the Revised Interim Assessment Report in **Appendix B**.

Rafael Maldonado
FDEP Petroleum Restoration Program-Team 6
June 14, 2021
Page 3 of 3

If you have any questions in this regard, please contact Philip Hoffken Jr. at 772-217-8502 ext. 101.

Respectfully,

TERRA-COM ENVIRONMENTAL CONSULTING, INC.



Digitally signed by: Philip
J. Hoffken, Jr., P.G.
Date: 2021.07.14 09:31:
42 -04'00'

Philip J. Hoffken Jr., P.G.
Staff Geologist

Attachments: Appendix A – Comments Letter
Appendix B – Revised Interim Assessment Report

cc: Project File - Vero Beach

**Appendix A:
Comments Letter**

Philip Hoffken

From: Maldonado, Rafael <Rafael.Maldonado@wsp.com>
Sent: Monday, June 14, 2021 10:25 AM
To: Philip Hoffken
Cc: Porto, Janice; Jones, Lance G.; US - ENE - Team 6 Mail; Jacobs, David
Subject: Speedway #6893, FAC ID 13/8506324. Task 2, Interim Assessment Report, Deliverable Review with Comments

Mr. Philip Hoffken Jr.
TERRA-COM Environmental Consulting, Inc.
112 43rd Ave SW
Vero Beach, FL 32968

Subject: Deliverable Review
Speedway #6893
1508 79th Street
North Bay Village, Miami-Dade County, FL
FDEP FACID #13/8506324
Purchase Order: B7CB83

Dear Mr. Hoffken,

The Petroleum Restoration Program (PRP) has reviewed the Interim Assessment Report dated June 4, 2021 (received June 4, 2021), submitted for this facility; FACID 13/8506324, Purchase Order (PO) # B7CB83. The following items need to be addressed before the report can be approved. Please provide a revised report within 30 days of this email.

1. Site address should read 1508 79th Street, North Bay Village, FL 33141 throughout the entire report.
2. Include all former tanks and dispensers on all Figures.
3. Some date collected and/or depth to water data is missing from Table 1. Also please try to verify the depth to groundwater of 9' from previous assessments.
4. Some dates are illegible from Table 1.
5. On Tables 4 and 5, please indicate which removed tank the side wall sampled were from.
6. On Figure 5, Soil Analytical Data, the boring labels and depths are hard to discern. Please clarify.
7. On Figure 7, Groundwater Analytical Data Summary please indicate GCTL exceedance with bold font.

If you have any questions about the review, please contact me at (561) 793-3849, ext. 3904 or by e-mail at rafael.maldonado@wsp.com.

Sincerely,

Rafael Maldonado
Site Manager
FDEP Petroleum Restoration Program-Team 6

*WSP USA (formerly Ecology and Environment, Inc.)
Please note the new email address.*



Email: rafael.maldonado@wsp.com
Direct: +1 850-629-3913

Main: +1 561-793-3849 ext.3904

WSP USA
12300 South Shore Blvd. Suite 222
Wellington, FL 33414

wsp.com

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**Appendix B:
Revised Interim Assessment Report**



June 4, 2021

Revised July 14, 2021

TERRA-COM #2020-0087

Rafael Maldonado

Site Manager

FDEP Petroleum Restoration Program-Team 6

WSP USA

12300 South Shore Blvd. Suite 222

Wellington, FL 33414

**RE: TASK 2 Deliverable – Interim Assessment Report
Speedway # 6893
1508 79th Street
North Bay Village, Florida 33141
Facility Identification Number 13/8506324
FDEP Purchase Order Number: B7CB83
UT #: 673**

Mr. Maldonado:

TERRA-COM Environmental Consulting, Inc. (TERRA-COM) is pleased to submit this Interim Assessment Report (IAR) for Speedway # 6893 (site) to the Florida Department of Environmental Protection (FDEP or the Department).

The field activities summarized in this report include the following:

- advancement of nine (9) soil borings
- installation of four (4) monitoring wells
- collection of nine (9) soil samples for a laboratory analysis, and
- collection of twenty-seven (27) groundwater samples for laboratory analyses

These activities were completed per Task 2 of Purchase Order B7CB83. A copy of the Purchase Order and the Schedule of Pay Items for Task 2 is included in **Appendix A**.

1.0 BACKGROUND

The site location, vicinity land use and regulatory background are summarized below.

1.1 Site Location, Description and Area Land Use

The site is currently a retail petroleum facility located at 1508 79th Street, North Bay Village, Florida 33141 as shown on **Figure 1**. Prior to operating as Speedway Station, the facility was a Shell Service Station and as Hess No. 09565. The site has operated as a retail petroleum facility

since as early as 1959. The current facility layout consists of a convenience store, overhead canopy, seven (7) fuel dispensers, and four (4) underground storage tanks (USTs). The convenience store building is centrally located on the southern portion of the property. The USTs are centrally located on the western portion of the property, west of the overhead canopy.

The historical layout of the property consisted of a building in the central portion of the property. A former waste oil tank was located along the southwestern corner of the former building. The former UST pit was located in the northwestern corner of the property with the fuel dispensers centrally located in the northern portion of the property.

The property is bounded by 79th Street to the north with a vacant parking lot beyond; to the east by a restaurant and associated parking lot; to the south by a condominium complex; and to the west by Adventure Avenue with an office building and associated parking lot beyond. Several private utilities including storm sewer, fiber optic, and electric are located on-site. Ingress/egress to the property is located along Adventure Avenue and 79th Street.

1.2 Regulatory Background

According to the FDEP Bureau of Petroleum Storage Systems Storage Tank/Contaminated Facility (STCM) database the facility currently operates with three (3) 10,000-gallon capacity USTs containing ethanol E10 and one (1) 10,000-gallon capacity UST containing vehicular diesel. The current USTs were installed in August 2002.

The following historical USTs have been removed from the facility: four (4) 4,000-gallon USTs installed in October 1959, two that contained leaded gas and two that contained unleaded gas; a 4,000-gallon UST installed in December 1970, that formerly contained unleaded gas; three (3) 10,000-gallon USTs, with an unknown installation date, that formerly contained unleaded gas; a 550-gallon UST, installed in July 1987, that formerly contained waste oil; and a 550-gallon aboveground storage tank (AST), installed in June 1998, that formerly contained waste oil.

TERRA-COM conducted a review of the FDEP Electronic Document Management System (OCULUS). The following reports were reviewed:

On December 12, 1990, a groundwater sample was collected by Miami's Department of Environmental Resources Management (DERM) and analyzed using EPA Method 602. Analytical results reported state cleanup target level (CTL) exceedances for benzene and total xylenes. As a result of these reported exceedances a manual test of the monitoring wells was conducted on March 17, 1991. Analytical results of the test were not reported, although a Discharge Reporting Form (DRF) was submitted to the FDEP. The DRF indicated an unknown volume of an unknown substance was released from an unknown portion of the former petroleum system.

On December 23, 1991, a Contamination Assessment Report (CAR) was submitted by Groundwater Technology, Inc. (GTI). The CAR documented the investigation of groundwater quality at the site via the installation of monitoring wells MW-9 through MW-12 (to a depth of 12 feet below land surface [ft-bls]) and piezometer PZ-13 (to a depth of 30 ft-bls) (monitoring wells

MW-1 through MW-8 were previously present on-site); collection of groundwater samples that were analyzed for EPA Method 602 from monitoring wells MW-1 through MW-12 and PZ-13; collection of groundwater samples that were analyzed for EPA Methods 239.2, 418.1, 504.1, 601, and 610 from monitoring wells MW-2, MW-9, MW-10, and PZ-13 on June 14, 1991. A second round of groundwater samples were collected from monitoring wells MW-1, MW-3, MW-4, MW-5, MW-6, MW-7, MW-8, MW-11, MW-12 and analyzed for EPA Method 610. Soil quality was investigated via drilling of nine soil borings (SB-1 through SB-9). Soils were field screened from land surface to 4 ft-bls using an organic vapor analyzer (OVA). No analytical soil samples were collected.

Analytical groundwater results reported a maximum concentration of naphthalene in monitoring well MW-10 with a concentration of 2,940 micrograms per liter ($\mu\text{g/L}$); a maximum concentration of benzene in monitoring well MW-5 with a concentration of 180 $\mu\text{g/L}$; and a maximum concentration of methyl tert-butyl ether (MTBE) in monitoring well MW-1 with a concentration of 1,700 $\mu\text{g/L}$. Soil vapor analysis indicated excessively contaminated soils (OVA readings greater than 50 parts per million [ppm]) across the northwestern portion of the site encompassing the former UST pit and fuel dispensers.

On August 1, 1998, a second DRF was submitted to FDEP as a result of an unknown amount of an unknown substance that was observed in a monitoring well caused by human error. Free product recovery began. No additional work was completed per the DRF due to the tanks being permitted to be removed at the time of the DRF submittal.

On May 9, 1995, a Remedial Action Plan (RAP) was submitted by GTI. The RAP documented a soil vapor extraction (SVE) system in conjunction with a pump and treat groundwater extraction system. DERM approved the RAP and a Remedial Action Plan Addendum on February 15, 1996. The implementation of this RAP does not appear to have been conducted as no reports documenting the start up, operation and maintenance, or shut down of the system were reviewed.

In October 1998, a Used Oil Underground Storage Tanks Closure Assessment Report was prepared by H2O Environmental, Inc. (H2O). The closure report documented the removal of a 1,000-gallon waste oil UST and replaced by a 550-gallon waste oil AST. The waste oil UST and associated piping were removed on September 2, 1998 by B&M Construction, Inc. Following UST removal four sidewall samples were collected and analyzed for EPA Methods 8240, 8250, the 8 RCRA metals, and total recoverable petroleum hydrocarbons (TRPH). Analytical results reported all parameters below CTLs with the exception to arsenic reported in the southside wall sample (SWALL). A total of 16.38 tons were excavated and disposed of. No groundwater sample was collected however, a sheen was observed on the surface water of the excavation pit. No additional work was recommended. DERM issued an approval letter on January 5, 1999.

On March 3, 1999, H2O submitted a monitoring well and groundwater sampling report in response to a Storage Tanks Facility Violation (STFV) issued by DERM because no groundwater sample was collected during the waste oil tank removal. H2O installed a 2-inch monitoring well in the

approximate center of the former waste oil UST pit and a groundwater sample was collected and analyzed for TRPH using FL-PRO. The analytical result was reported below its CTL.

On July 6, 1999, H20 submitted a groundwater sampling report documenting analytical results from the collection of a groundwater sample from the previously installed waste oil well. The groundwater sample was analyzed for EPA Methods 504.1, 610, 624, 625, 8 RCRA Metals, and FL-PRO. Analytical results reported benzene and arsenic above their respective CTLs.

On November 4, 1999, FDEP approved the application into the FPLRIP program.

On March 7, 2001, H20 submitted an Underground Storage Tank Closure Report documenting the removal of three 10,000-gallon USTs, three product dispensers, and associated product and vent lines. No analytical groundwater samples were collected. Soil analysis consisted of headspace analysis using an OVA, no analytical soil samples were collected. Based on OVA analysis 86 tons of soil was excavated and disposed of.

On May 1, 2014, Groundwater & Environmental Services, Inc. (GES) submitted a Voluntary Groundwater Monitoring Report. The report documented the sampling of monitoring wells MW-1, MW-2, MW-3, MW-4, NW-1, and NW-2. All samples were analyzed via EPA Method 8260B. Analytical results did not report any compounds above their respective CTLs.

On February 17, 2017, CB&I Environmental & Infrastructure, Inc (CB&I) submitted an Interim Assessment Report documenting the installation of shallow monitoring wells CW-1 through CW-13 and monitoring wells MW-A through MW-K; the installation of deep monitoring well DW-1; multiple groundwater sampling events; drilling of soil borings SB-1 through SB-23; and collection of analytical soil samples SB-5R (1-2'), SB-6R (3-4'), SB-7R (0-1'), SB-7R (3-4'), SB-8R (3-4'), SB-9R (3-4'), SB-10R (3-4'), SB-11R (3-4'), SB-11RR (0-1'), SB-11RR, (3-4'), SB-15 (1-2'), SB-16 (1-2'), SB-20 (3-4'), SB-21 (3-4'), SB-22 (3-4'), and SB-23 (3-4').

Analytical results from soil samples reported contaminant concentrations above the Leachability based on Groundwater Criteria Soil Cleanup Target Levels (LSCTLs) but below the Direct Exposure Residential Soil Cleanup Target Levels (SCTLs) for TRPH in soil sample SB-8R (3-4'). Subsequent TRPH Speciation analysis reported contaminant concentrations below the LSCTL and SCTL. Contaminant concentrations were reported above the SCTL for arsenic in soil samples SB-11R (3-4'), SB-11RR (0-1'), SB-11RR (3-4'), SB-20 (3-4'), SB-21 (3-4'), SB-22 (3-4'), and SB-23 (3-4').

Analytical results from groundwater samples reported contaminant concentrations above the Groundwater Cleanup Target Level (GCTL) and/or the Natural Attenuation Default Concentrations (NADC) in compliance monitoring wells CW-7, CW-8, CW-11, CW-13, and shallow monitoring well MW-B. During the March 9, 2016 groundwater gauging event liquid-phase hydrocarbons (LPH) were detected in compliance monitoring well CW-8 with a thickness of 1.20-feet. A hydrocarbon fingerprint analysis of the LPH was conducted and determined to be

weathered gasoline and not indicative of a new release. DERM approved the IAR on March 22, 2017.

On April 20, 2017 CB&I submitted a General Site Assessment Report (GSAR) in Template Site Assessment Report (TSAR) format. The GSAR summarized the previous work conducted at the site as well as the IAR previously submitted. No additional work was documented in the TSAR. CB&I recommended removal of free-floating product (FFP) from compliance well CW-8 on a weekly basis with a peristaltic pump and/or bailer. Vacuum recovery could also be considered. Absorbent socks/pads should be placed in the compliance well in between weekly FFP removal events. Removal of FFP should be conducted once the site comes within rehabilitation funding range.

In addition, CB&I recommended a source removal of arsenic impacted soil above SCTL once horizontal and vertical assessment was completed in accordance with Chapter 62-780.600, FAC. DERM approved the GSAR on June 20, 2017.

2.0 ASSESSMENT ACTIVITIES

The location of site assessment is shown on **Figure 2**. Photographs of the completed monitoring wells and drum storage area are provided in **Appendix B**.

All field activities were conducted in accordance with current FDEP Standard Operating Procedures (SOP) for Field Activities (DEP-SOP-001/01). The assessment activities include utility locate, soil boring advancement, soil sampling activities, monitoring well installation, groundwater sampling activities, top of casing surveying, and equipment handling.

2.1 Utility Locate

Prior to conducting field activities that included intrusive work, Sunshine State One Call of Florida, Inc. (SSOCF) was contacted, and an underground utility survey was conducted to identify the potential presence of utilities or subsurface infrastructures in the work locations. In addition, a private utility locate was conducted by Sight Lines, overseen by ATC Consultants. During field activities no utility conflicts were encountered.

2.2 Soil Boring Advancement

On January 12, 2021 TERRA-COM and EarthTech Drilling (ETD) personnel mobilized to the site to drill step-out soil borings SB-20-01, SB-20-02, SB-20-03, and SB-20-04 in the former waste oil UST area where elevated arsenic concentrations were reported in historic soil samples SB-11R(3-4'), SB-11RR(3-4'), SB-20(3-4'), SB-21(3-4'), SB-22(3-4'), and SB-23(3-4') in 2016 collected by CB&I.

On March 4, 2021 TERRA-COM mobilized to the site to conduct the hand augering of soil borings SB-21-01, SB-21-02, SB-21-03, SB-21-04, and SB-21-05. The soil borings were drilled in the

approximate area of historical soil borings SB-11R/SB-11RR, SB-20, SB-21, SB-22, and SB-23.

Advancement of Soil Borings and Collection of Soil Samples

Soil borings drilled by ETD in January 2021 were drilled to a depth of 6 ft-bls using a 3.5-inch stainless steel hand auger. Soil samples were collected from the hand auger bucket at 1-foot intervals from land surface to 6 ft-bls for lithologic characterization and field screening. Analytical soil samples SB-20-01 (3-4'), SB-20-02 (3-4'), SB-20-03 (3-4'), SB-20-04 (3-4') were collected at the 3-4-foot interval from the hand auger bucket.

Soils were characterized for lithology in general accordance with the Unified Soil Classification System (USCS). Soils that were field screened with a toxic vapor analyzer (TVA), configured as a flame ionization detector (FID) at one-foot intervals. Screening for petroleum vapor was conducted using the headspace reading procedure as specified in Chapter 62.770.200(19), F.A.C. Soils collected for lithologic characterization and field screening were returned to their borehole of origin.

The soil samples were collected in appropriately preserved laboratory supplied bottleware, labeled, recorded on the Chain of Custody (COC), and placed on wet ice in a laboratory supplied cooler. Soil samples were transported under COC to PACE Analytical Laboratory (PACE) in Ormond Beach, Florida to be analyzed for the following compounds:

- arsenic using EPA Method 6010D

Following receipt of soil analytical results, a conference call was conducted between Mr. Philip Hoffken of TERRA-COM, Mr. Rafael Maldonado of WSP USA, and Mr. David Jacobs of WSP USA to discuss the results on January 27, 2021. The discussion centered around the sample interval of the arsenic samples (3-4 ft-bls) and the reported water table in nearby monitoring wells. It was determined that the samples and historical soil samples were collected within the saturated zone/lower smear zone and were not indicative of vadose zone soils. It was agreed upon that a second soil sampling event be conducted. A Request for Change (RFC) was submitted for a second round of drilling. Five soil borings would be hand augured around historical soil boring locations SB-11R/SB-11RR, SB-20, SB-21, SB-22, and SB-23 with soil samples collected at the 1-2 ft-bls interval with samples analyzed for arsenic.

Soil borings were hand augured by TERRA-COM in March 2021 to a depth of 2 ft-bls using a 3.5-inch stainless steel hand auger. Soil samples were collected from the hand auger bucket at 1-foot intervals from land surface to 2 ft-bls for lithologic characterization. Soils were characterized for lithology in general accordance with the Unified Soil Classification System (USCS). Soils collected for lithologic characterization and field screening were returned to their borehole of origin.

The soil samples were collected in appropriately preserved laboratory supplied bottleware, labeled, recorded on the COC and placed on wet ice in a laboratory supplied cooler. Soil samples were

transported under COC to PACE in Ormond Beach, Florida to be analyzed for the following compounds:

- arsenic using EPA Method 6010D

Following receipt of soil analytical results, a conference call was conducted to discuss the analytical results between Mr. Hoffken, Mr. Maldonado, and Mr. Jacobs on March 15, 2021. The conference call centered around the arsenic exceedances in the vadose zone and the possibility that the exceedances could be a result of elevated background arsenic concentrations.

Following the conference call Mr. Hoffken conducted research and determined the area was most likely created using dredged material from the adjacent waterways and local Petroleum Restoration Program (PRP) sites on the island did not report arsenic exceedances.

Mr. Hoffken e-mailed his findings to Mr. Maldonado on May 11, 2021. A second conference call was conducted between Mr. Hoffken, Mr. Maldonado, and Mr. Jacobs on May 14, 2021 to discuss the May 11, 2021 e-mail. It was determined that a background investigation would not be conducted and although arsenic exceedances are present in the vadose zone there are no petroleum related compounds reported in the vadose soil samples, the arsenic exceedances may not be the result of the historical releases.

The soil boring locations are shown on **Figure 3**. Soil headspace data is summarized in **Table 1** and presented on **Figure 4**. The soil boring log is included in **Appendix C**.

2.3 Monitoring Well Installation Activities

On January 12, 2021 TERRA-COM and ETD personnel mobilized to the site to conduct monitoring well installation activities for monitoring wells MW-L, MW-M, MW-N, and MW-O. Monitoring well installation activities included soil characterization, well installation and development, containerizing investigative derived waste (IDW), and top of casing well surveying. A copy of the well permit fee is included in **Appendix D**.

Soil Characterization

Prior to well installation soil borings were drilled to collect soil samples from land surface to 4 ft-bls at 1-foot intervals and from 4 ft-bls to 12 ft-bls at 2-foot intervals. All soil borings were drilled using a 3.5-inch stainless steel hand auger and a Mobile International B-37 direct push technology (DPT) drill rig operated by ETD personnel. Soil samples from the soil borings were collected from the hand auger bucket from land surface to four ft-bls. Additional soil samples were collected from the boreholes from the macrocore acetate liner from 6 ft-bls to 12 ft-bls at 2-foot intervals. The monitoring well locations are shown on **Figure 2**.

All soils were characterized for lithology in general accordance with the Unified Soil Classification System (USCS) and were field screened with a TVA, configured as a FID. Screening for petroleum

vapor was conducted using the headspace reading procedure as specified in Chapter 62.780.200(19), of the Florida Administrative Code (F.A.C.). Soils collected for lithologic characterization and field screening were containerized in 55-gallon drums.

Well Installation and Development

The monitoring wells were drilled using a drill rig mounted to an Mobile International B-37 DPT drill rig with an 8 ¼" outside diameter (O.D.) HSA attachment to an approximate depth of 12 ft-bls. Each well was constructed with two feet of two-inch inner diameter (ID) Schedule (Sch) 40 polyvinyl chloride (PVC) riser and 10 feet of two-inch ID Sch 40 PVC 0.010-inch slotted screen. Each borehole annulus was filled to approximately one foot above the screen interval with 20/30 grade silica sand, completed with approximately one half-foot fine sand seal and tremie-grouted to the surface with Type I neat Portland cement. The wells were flush-mounted and protected by 8-inch diameter manway in approximately two-foot square concrete pads.

Following monitoring well installation activities, well development activities were conducted. Groundwater well development was conducted to mitigate the disturbance of the water-bearing zones caused by the drilling operations so that natural hydraulic properties were restored.

Development of the well was performed using a peristaltic pump with the intake lowered near the bottom of the screened interval to remove sediment from the well casing. The pump was surged inside the slotted portion of the casing to draw in fine-grained deposits from the formation near the well, the boring wall, and from the filter materials. Purgings were deemed complete after removing at least five casing volumes or until the groundwater was visually clear.

A summary of monitoring well construction details, are summarized in **Table 2**. A copy of the monitoring well construction and development logs with additional field notes are included in **Appendix C**.

Investigative Derived Waste (IDW)

All soil IDW was containerized in two 55-gallon FDOT-approved steel drums. A preburn (IDW) soil sample was collected to ensure proper disposal. This soil sample was collected in appropriately-preserved laboratory supplied bottleware, labeled, recorded on the COC, and placed on wet ice in a laboratory-supplied cooler. These soil samples were transported under COC to PACE in New Smyrna Beach, Florida, to be analyzed for the following compounds:

- Arsenic, Cadmium, Chromium, and Lead using EPA Method 6010D

Soil drum disposal was conducted by Erwin Remediation Inc. and disposed of at Evergreen Landfill located at 12950-A Highway 43 located in Axis, Alabama 36505. A copy of the waste manifest and weight ticket is included in **Appendix E**.

2.4 Groundwater Sampling Activities

On January 30, 2021 TERRA-COM personnel mobilized to the site to perform groundwater sampling activities. These activities included the collection of static groundwater level measurements and groundwater samples from twenty-eight on-site monitoring wells.

Static Groundwater Level Gauging

The well caps were removed and the wells were allowed to equilibrate to atmospheric pressure prior to conducting the groundwater level measurements. Static groundwater levels were gauged from on-site monitoring wells CW-1, CW-2, CW-3, CW-5, CW-6, CW-7, CW-8, CW-9, CW-10, CW-11, CW-12, CW-13, MW-A, MW-B, MW-C, MW-D, MW-E, MW-F, MW-G, MW-H, MW-I, MW-J, MW-K, MW-L, MW-M, MW-N, MW-O, and DW-1 using an interface probe capable of measuring water to the nearest hundredth of a foot. Free-floating product was measured in monitoring well CW-4 with a thickness of 0.74-feet. No other monitoring wells were observed with free floating product or sheens during the groundwater sampling event. Due to the free-floating product monitoring well CW-8 was not sampled. These measurements, as well as historical measurements are presented in **Table 3**. A groundwater elevation map is presented on **Figure 5**.

Groundwater Sampling Procedures

Groundwater samples were collected from monitoring wells CW-1, CW-2, CW-3, CW-5, CW-6, CW-7, CW-9, CW-10, CW-11, CW-12, CW-13, MW-A, MW-B, MW-C, MW-D, MW-E, MW-F, MW-G, MW-H, MW-I, MW-J, MW-K, MW-L, MW-M, MW-N, MW-O, and DW-1 using a peristaltic pump. A Yellow Springs Instrument® (YSI) water quality meter was used to measure the following field parameters:

- pH (standard units)
- temperature (Celsius [°C])
- specific conductivity (micro Siemens per centimeter [$\mu\text{S}/\text{cm}$])
- dissolved oxygen (DO) (milligrams per liter [mg/L])
- oxidation / reduction potential (ORP)

A Hach meter was used to measure turbidity (Nephelometric Turbidity Units [NTUs]).

These field parameters were recorded intermittently during purging and recorded on the groundwater sampling logs (**Appendix F**).

After a minimum of one well volume was purged and the field parameters were stabilized the groundwater samples were collected. Each groundwater sample was collected in appropriately-preserved laboratory supplied bottleware, labeled, recorded on the COC, and placed on wet ice in a laboratory-supplied cooler. These groundwater samples were transported under COC to PACE located in New Smyrna Beach, Florida, to be analyzed for the following compounds:

- Priority Pollutant Volatile Organics using EPA 8260
- Ethylene Dibromide (EDB) using EPA Method 8011
- Lead using EPA Method 6010; and
- 1,2-Dichloroethane (EDC) using EPA Method 8260

Monitoring wells CW-1, CW-2, CW-3, CW-5, CW-7, CW-9, CW-13, MW-A, MW-B, MW-C, MW-D, MW-E, MW-F, MW-G, MW-H, MW-I, MW-J, MW-K, MW-L, MW-M, MW-N, and MW-O were additionally analyzed for the following compounds:

- PAH using EPA Method 8270C-SIM; and
- TRPHs using FL-PRO

2.5 Equipment Handling

During the site assessment activities all field equipment was calibrated and verified per FDEP SOPs. Equipment used during assessment activities was decontaminated prior to and after use to reduce the potential for the introduction of contamination and cross-contamination per FDEP SOPs. A copy of the calibration logs and decontamination logs are included in **Appendix C** and **Appendix F**.

3.0 ASSESSMENT RESULTS

3.1 Soil Characterization

Lithology

The lithology was logged at each soil boring location (see **Appendix D**). The general site lithology consists of a fine-grained sand with gravels interspersed from land surface to 1 ft-bls, presumably imported fill material. Below 1- ft-bls a fine sand and silt layer with interspersed shells from 1 ft-bls to approximately 3 ft-bls was observed, underlain by approximately 2-feet of crushed shells and fine-grained sand. Below the shell layer a silty-clay layer of low plasticity descends to 10 ft-bls then coarsening to a fine-sand silt mixture with little clay particles to 12 ft-bls.

Field Screening

Headspace readings were collected in the vadose zone, smear zone, and saturated zone. Based on historical groundwater gauging events, the vadose zone is from land surface to approximately 1.35 ft-bls (recorded in monitoring well MW-A during hightide on October 4, 2016) and the saturated zone begins approximately 4.39 ft-bls (recorded in monitoring well MW-F recorded on April 28, 2016). A smear zone of approximately 3-feet exists.

Headspace readings collected in the vadose zone (approximately land surface to 1 ft-bls) did not report TVA readings above 0 ppm.

Headspace readings collected in the smear zone (approximately 2 ft-bls to 4 ft-bls) reported TVA readings in soil borings SB-20-03 with a reading of 6 ppm at 2 ft-bls, 53 ppm at 3 ft-bls and 3 ppm at 4 ft-bls; SB-20-04 with a reading of 165 ppm at 4 ft-bls; MW-L with readings of 595 ppm at 3 ft-bls and 8,979 ppm at 4 ft-bls; MW-M with a reading of 4 ppm at 4 ft-bls; MW-N with readings of 12 ppm at 2 ft-bls and 13 ppm at 4 ft-bls; and MW-O with a reading of 20,463 ppm at 4 ft-bls.

Headspace readings reported in the saturated zone (approximately below 5 ft-bls) reported TVA readings in soil borings SB-20-03 with a reading of 7 ppm at 5 ft-bls and 6 ppm at 6 ft-bls; SB-20-04 with readings of 1,030 ppm at 5 ft-bls and 1,228 ppm at 6 ft-bls; MW-L with readings of 146 ppm at 6 ft-bls, 142 ppm at 8 ft-bls, 2,889 ppm at 10 ft-bls, and 4,070 ppm at 12 ft-bls; MW-M with readings of 226 ppm at 6 ft-bls, 9 ppm at 8 ft-bls, and 13 ppm at 10 ft-bls; MW-N with readings of 601 ppm at 6 ft-bls and 127 ppm at 8 ft-bls; and MW-O with readings of 38 ppm at 8 ft-bls, 10 ppm at 10 ft-bls, 620 ppm at 12 ft-bls.

Soil boring logs are included in **Appendix C**. Soil headspace data are summarized in **Table 1**.

Analytical Results

The collected arsenic soil samples were compared to its respective Leachability based on LSCTLs and its respective SCTLs.

Analytical soil results reported all soil samples with SCTL (2 milligrams per kilogram [mg/kg]) exceedances. Soil sample SB-20-01 (3-4') was reported with an arsenic concentration of 3.7 mg/kg; soil sample SB-20-02 (3-4') was reported with an arsenic concentration of 5.0 mg/kg; soil sample SB-20-03 (3-4') was reported with an arsenic concentration of 2.8 mg/kg; soil sample SB-20-04 (3-4') was reported with an arsenic concentration of 4.8 mg/kg; soil sample SB-21-01 (2') was reported with an arsenic concentration of 8.6 mg/kg; soil sample SB-21-02 (2') was reported with an arsenic concentration of 6.2 mg/kg; soil sample SB-21-03 (2') was reported with an arsenic concentration of 6.4 mg/kg; soil sample SB-21-04 (2') was reported with an arsenic concentration of 4.8 mg/kg; and soil sample SB-21-05 (2') was reported with an arsenic concentration of 6.2 mg/kg.

Soil analytical results are summarized in **Table 4 and Table 5** and presented on **Figure 6**. Copies of the laboratory analytical reports are included in **Appendix G**.

3.2 Groundwater Characterization

Hydrogeology

Based on the January 30, 2021 groundwater elevation contour map presented on **Figure 5**, site groundwater appears to flow to the northwest. Depth to groundwater during the sampling event ranged from 2.29 ft-bls at CW-13 to 4.14 ft-bls at MW-F. Free-floating product was measured with a thickness of 0.74-feet in well CW-8.

Analytical Results

Groundwater samples collected during the site assessment were compared to their respective GCTLs and their respective NADCs.

Analytical groundwater results reported the following GCTL exceedances:

- benzene (GCTL of 1 µg/L) in monitoring wells CW-5 with a concentration of 1.8 µg/L, CW-7 with a concentration of 3.5 µg/L, and CW-13 with a concentration of 1.5 µg/L
- ethylbenzene (GCTL of 30 µg/L) in monitoring well CW-7 with a concentration of 60.9 µg/L
- naphthalene (GCTL of 14 µg/L) in monitoring well CW-7 with a concentration of 14.5 µg/L
- 1-methylnaphthalene (GCTL of 28 µg/L) in monitoring well CW-7 with a concentration of 73.1 µg/L
- 2-methylnaphthalene (GCTL of 28 µg/L) in monitoring wells CW-7 with a concentration of 123 µg/L
- TRPH (GCTL of 5,000 µg/L) in monitoring well CW-2 with a concentration of 16,300 µg/L
- 1,2,4-Trimethylbenzene (GCTL of 10 µg/L) in well CW-7 with a concentration of 36.5 µg/L; and CW-13 with a concentration of 48.0 µg/L
- Cumene (Isopropyl benzene) (GCTL of 0.8 µg/L) in wells CW-12 with a concentration of 3.0 µg/L, CW-13 with a concentration of 2.3 µg/L, MW-B with a concentration of 2.0 µg/L, MW-D with a concentration of 7.2 µg/L, MW-J with a concentration of 1.9 µg/L, MW-M with a concentration of 6.2 µg/L, and MW-N with a concentration of 2.9 µg/L

Analytical groundwater results reported the following NADC exceedances:

- Cumene (Isopropyl benzene) (NADC of 8 µg/L) in monitoring wells CW-5 with a concentration of 22.2 µg/L, CW-7 with a concentration of 225 µg/L, CW-11 with a concentration of 51.4 µg/L, and MW-O with a concentration of 33.2 µg/L

Groundwater analytical results are summarized in **Table 6**, **Table 7**, and **Table 8** and presented on **Figure 7**. Contaminate Plume Maps are presented on **Figure 8** through **Figure 15**. Copies of groundwater laboratory analytical reports are included in **Appendix H**.

4.0 CONCLUSIONS AND RECOMMENDATIONS

Headspace readings collected in the vadose zone (approximately land surface to 1 ft-bls) did not report TVA readings above 0 ppm.

Headspace readings collected in the smear zone (approximately 2 ft-bls to 4 ft-bls) reported TVA readings in soil borings SB-20-03, SB-20-04, MW-L, MW-M, MW-N, and MW-O with a maximum reading of 20,463 ppm at a depth of 4 ft-bls in soil boring MW-O.

Headspace readings reported in the saturated zone (approximately below 5 ft-bls) reported TVA readings in soil borings SB-20-03, SB-20-04, MW-L, MW-M, MW-N, and MW-O with a maximum reading of 4,070 ppm at a depth of 12 ft-bls in soil boring MW-L.

Arsenic analytical results were reported above its respective SCTL in all soil samples analyzed.

Analytical groundwater results reported monitoring well CW-2 was reported with a GCTL exceedance of TRPH. Monitoring well CW-5 with a GCTL exceedance of benzene and a NADC exceedance of cumene. Monitoring well CW-7 was reported with GCTL exceedances for benzene, ethylbenzene, naphthalene, 1-methylnaphthalene, 2-methylnaphthalene, and 1,2,4-trimethylbenzene and a NADC exceedance of cumene. Monitoring well CW-11 was reported with a NADC exceedance of cumene. Monitoring well CW-13 was reported with GCTL exceedances of benzene, 1,2,4-trimethylbenzene and cumene. Monitoring wells MW-B, MW-D, MW-J, MW-M, and MW-N were reported with a GCTL exceedance of cumene.

TERRA-COM recommends the continuation of the Purchase Order with a groundwater sampling event to be conducted following approval of this IAR and preparation of a TSAR.

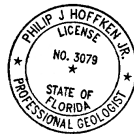
If you have any questions or concerns regarding this report please contact Philip Hoffken Jr. at (772) 217-8502.

Sincerely,

TERRA-COM Environmental Consulting, Inc.

Digitally signed by:
Philip J. Hoffken,
Jr., P.G.
Date: 2021.07.14
09:32:21 -04'00'

Philip J. Hoffken Jr., P.G.
Staff Geologist



Digitally
signed by:
Philip J.
Hoffken, Jr.,
P.G.
Date: 2021.
07.14 09:32:
43 -04'00'

Appendix: Figures
Tables
Appendices A through H

cc: Bryan M. Witt - Speedway
Project File – Vero Beach

Figures

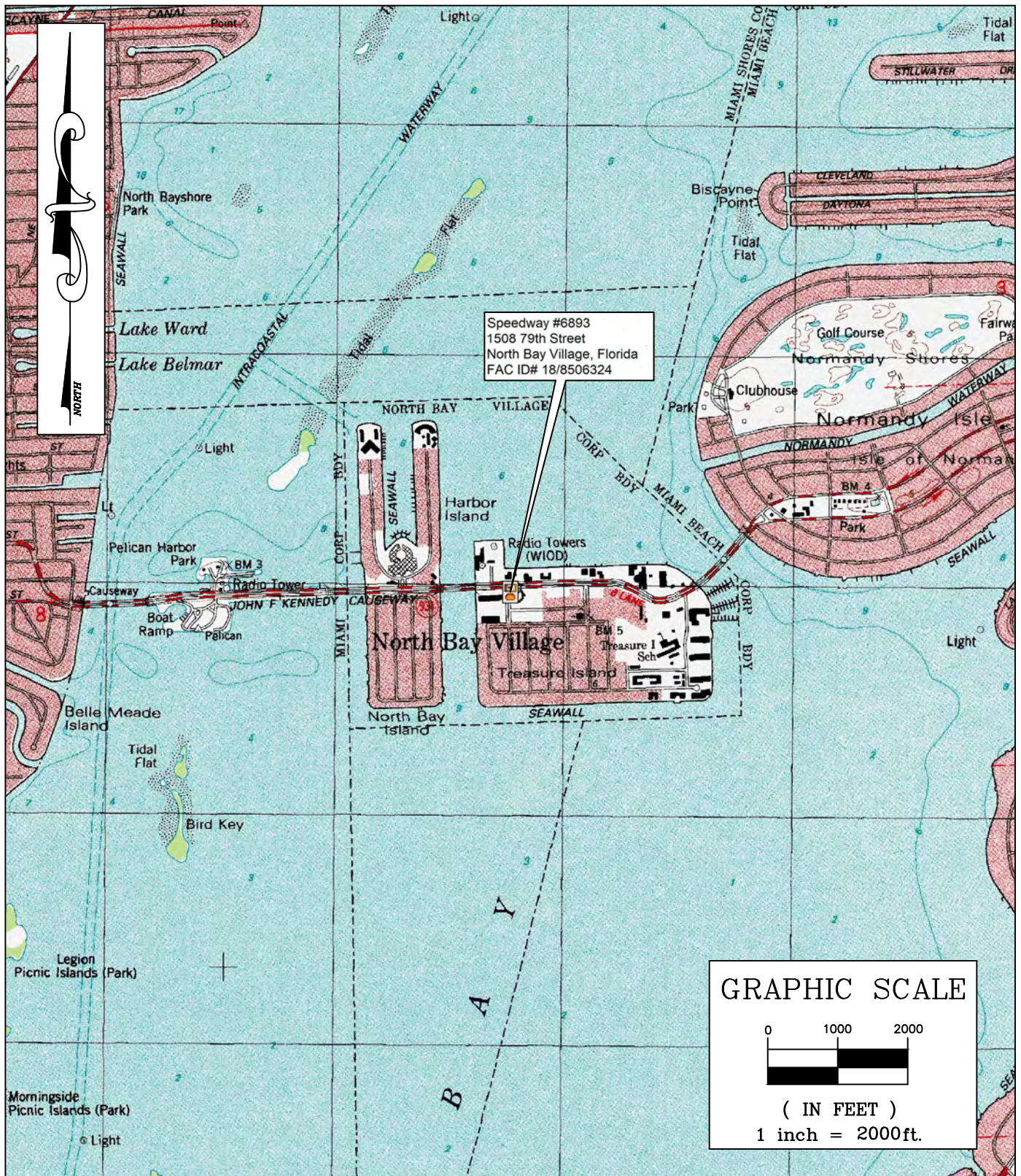


Figure 1 - Site Location Map
(Sources: Miami USGS 7.5-Minute Quadrangle)

TERRA-COM

Environmental Consulting, Inc.



Speedway #6893

1508 79th Street, North Bay Village, Florida 33141

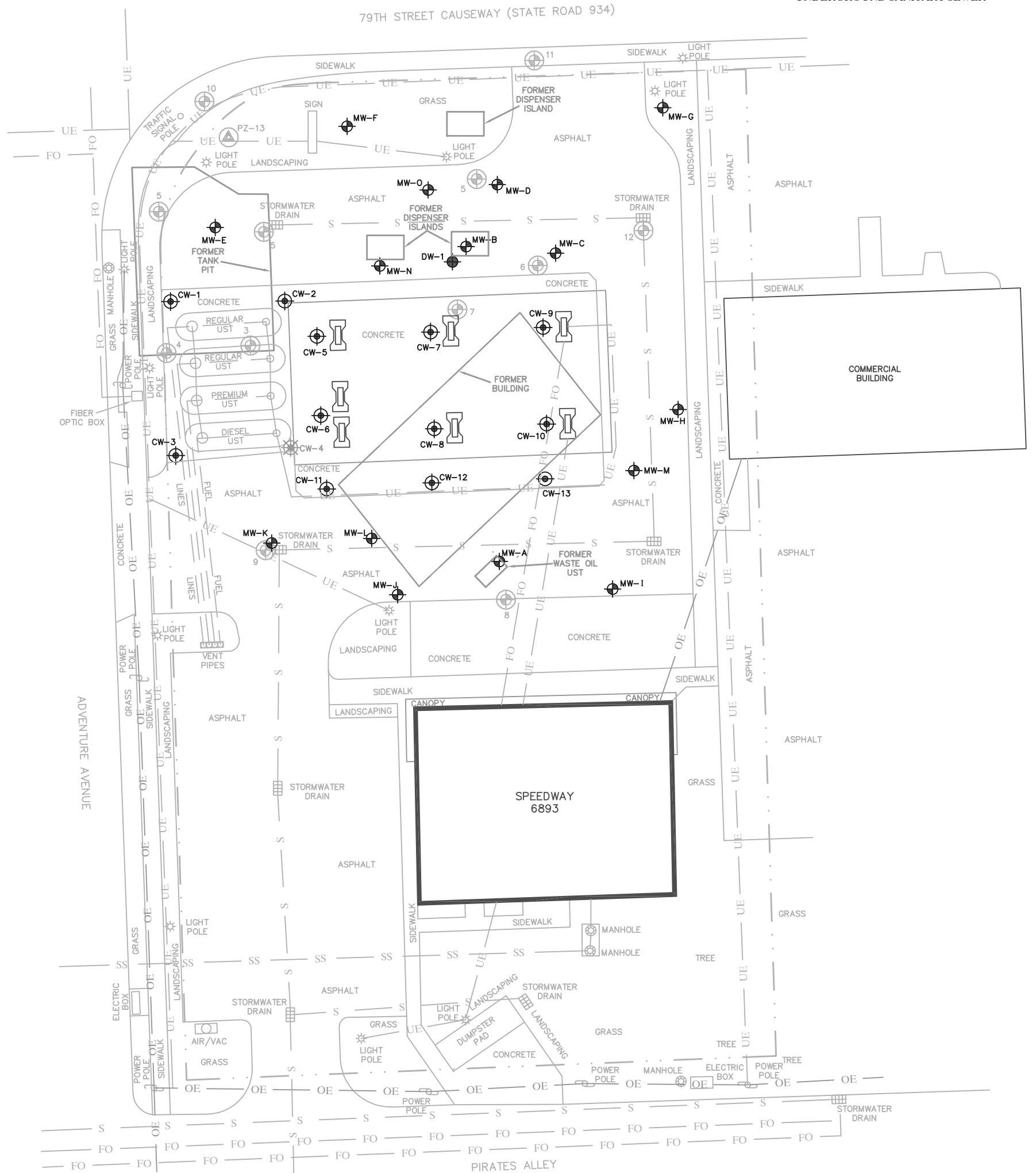
FDEP# 18/8506324

2020-0087\2021.7.RTC\FIG1-TOPO.dwg



LEGEND

- MONITORING WELL
- DEEP MONITORING WELL
- COMPLIANCE WELL
- DESTROYED/ABANDONED COMPLIANCE WELL
- HISTORIC MONITORING WELL
- HISTORIC PIEZOMETER
- PROPERTY BOUNDARY
- OVERHEAD ELECTRIC
- UNDERGROUND ELECTRIC
- UNDERGROUND FIBER OPTIC
- UNDERGROUND STORM SEWER
- UNDERGROUND SANITARY SEWER



GRAPHIC SCALE



(IN FEET)
1 inch = 30 ft.

Figure 2 - Site Map

Speedway #6893

1508 79th Street, North Bay Village, Florida 33141

TERRA-COM

Environmental Consulting, Inc.



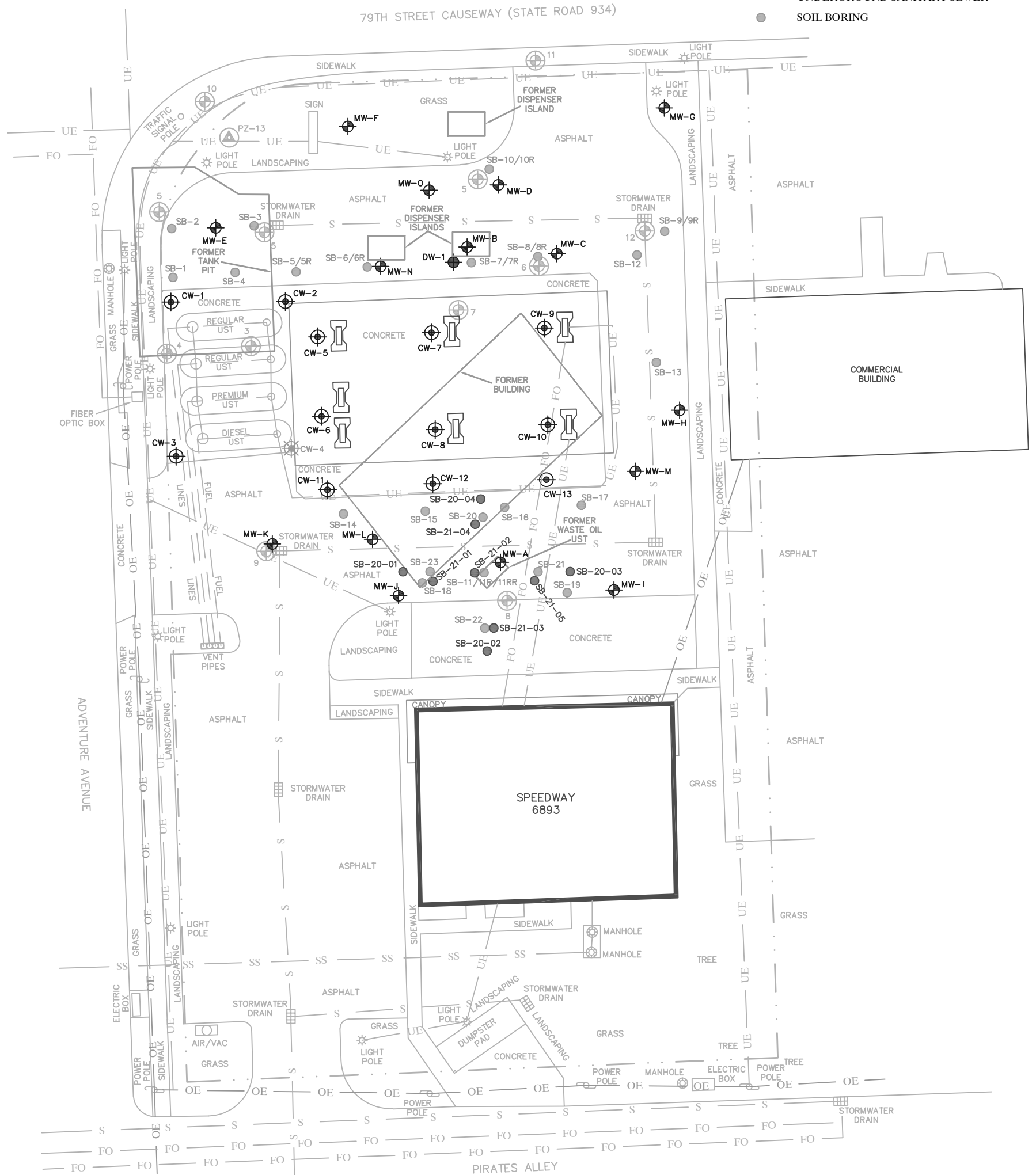
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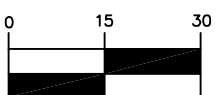


LEGEND

- MONITORING WELL
- DEEP MONITORING WELL
- COMPLIANCE WELL
- DESTROYED/ABANDONED COMPLIANCE WELL
- HISTORIC MONITORING WELL
- HISTORIC PIEZOMETER
- PROPERTY BOUNDARY
- OVERHEAD ELECTRIC
- UNDERGROUND ELECTRIC
- UNDERGROUND FIBER OPTIC
- UNDERGROUND STORM SEWER
- UNDERGROUND SANITARY SEWER
- SOIL BORING



GRAPHIC SCALE



(IN FEET)
1 inch = 30 ft.

Figure 3 - Soil Boring Location Map

Speedway #6893

1508 79th Street Causeway, North Bay Village, Florida 33141

TERRA-COM

Environmental Consulting, Inc.



FDEP# 18/8506324

2020-0087\2021.7.RTC\FIG3-SOIL BORING LOCATE.dwg

LEGEND

- MONITORING WELL
- DEEP MONITORING WELL
- COMPLIANCE WELL
- DESTROYED/ABANDONED COMPLIANCE WELL
- HISTORIC MONITORING WELL
- HISTORIC PIEZOMETER
- PROPERTY BOUNDARY
- OVERHEAD ELECTRIC
- UNDERGROUND ELECTRIC
- UNDERGROUND FIBER OPTIC
- UNDERGROUND STORM SEWER
- UNDERGROUND SANITARY SEWER
- SOIL BORING

MW-N	1/12/21
1'	0
2'	12
3'	0
4'	13
6'	601
8'	127
10'-12'	NR

MW-O	1/12/21
1'-3'	0
4'	20,463
6'	0
8'	34
10'	10
12'	620

SB-20-04	1/12/21
1'-3'	0
4'	165
5'	1,030
6'	1,228

MW-M	1/12/21
1'-3'	0
4'	4
6'	226
8'	9
10'	13
12'	0

MW-L	1/12/21
1'-2'	0
3'	595
4'	8,979
6'	146
8'	142
10'	2,889
12'	4,070

SB-20-01	1/12/21
1'-6'	0

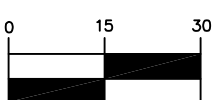
SB-20-03	1/12/21
1'	0
2'	6
3'	53
4'	3
5'	7
6'	6

SB-20-02	1/12/21
1'-6'	0

SAMPLE ID	SAMPLE DATE
DEPTH (ft-bl)	CORRECTED TVA (ppm)
1'	XX
2'	XX
3'	XX
4'	XX
5'	XX

NR = NO RECOVERY

GRAPHIC SCALE



(IN FEET)
1 inch = 30 ft.

Figure 4 - Soil Headspace Data Summary

Speedway #6893

1508 79th Street, North Bay Village, Florida 33141

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FDEP# 18/8506324

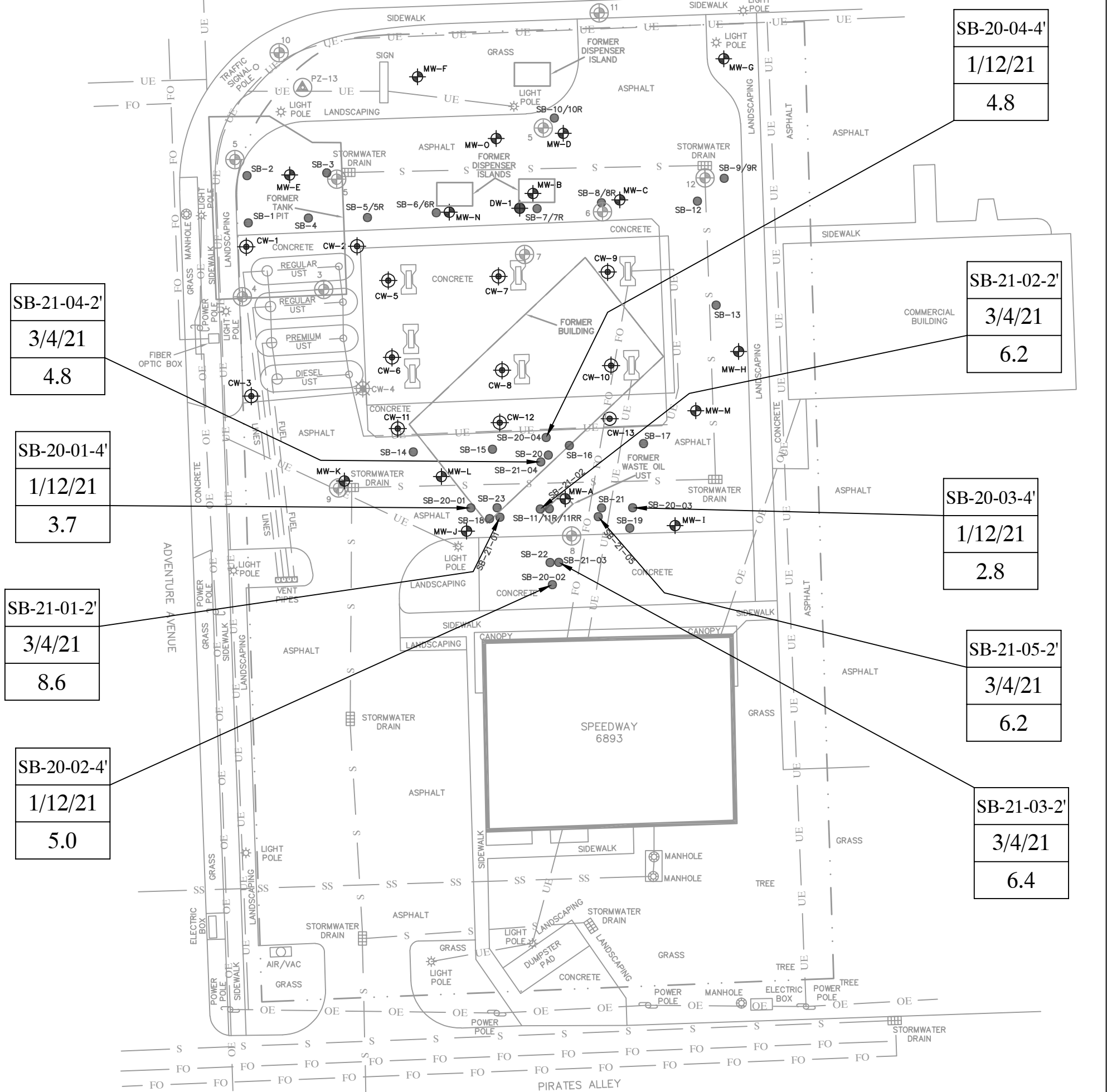
2020-0087\2021.7.RTC\FIG4-HEADSPACE.dwg



LEGEND

-  MONITORING WELL
-  DEEP MONITORING WELL
-  COMPLIANCE WELL
-  DESTROYED/ABANDONED COMPLIANCE WELL
-  HISTORIC MONITORING WELL
-  HISTORIC PIEZOMETER
-  PROPERTY BOUNDARY
-  OVERHEAD ELECTRIC
-  UNDERGROUND ELECTRIC
-  UNDERGROUND FIBER OPTIC
-  UNDERGROUND STORM SEWER
-  UNDERGROUND SANITARY SEWER
-  SOIL BORING

79TH STREET CAUSEWAY (STATE ROAD 934)



SB-21-04-2'
3/4/21
4.8

SB-20-04-4'
1/12/21
4.8

SB-20-01-4'
1/12/21
3.7

SB-21-02-2'
3/4/21
6.2

SB-21-01-2'
3/4/21
8.6

SB-20-03-4'
1/12/21
2.8

SB-20-02-4'
1/12/21
5.0

SB-21-05-2'
3/4/21
6.2

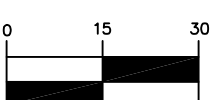
SB-21-03-2'
3/4/21
6.4

CONTAMINANT CONCENTRATIONS (mg/kg)

SAMPLE ID
SAMPLE DATE
XX

ARSENIC

GRAPHIC SCALE



(IN FEET)
1 inch = 30 ft.

Figure 5 - Soil Analytical Data Summary

Speedway #6893

1508 79th Street, North Bay Village, Florida 33141

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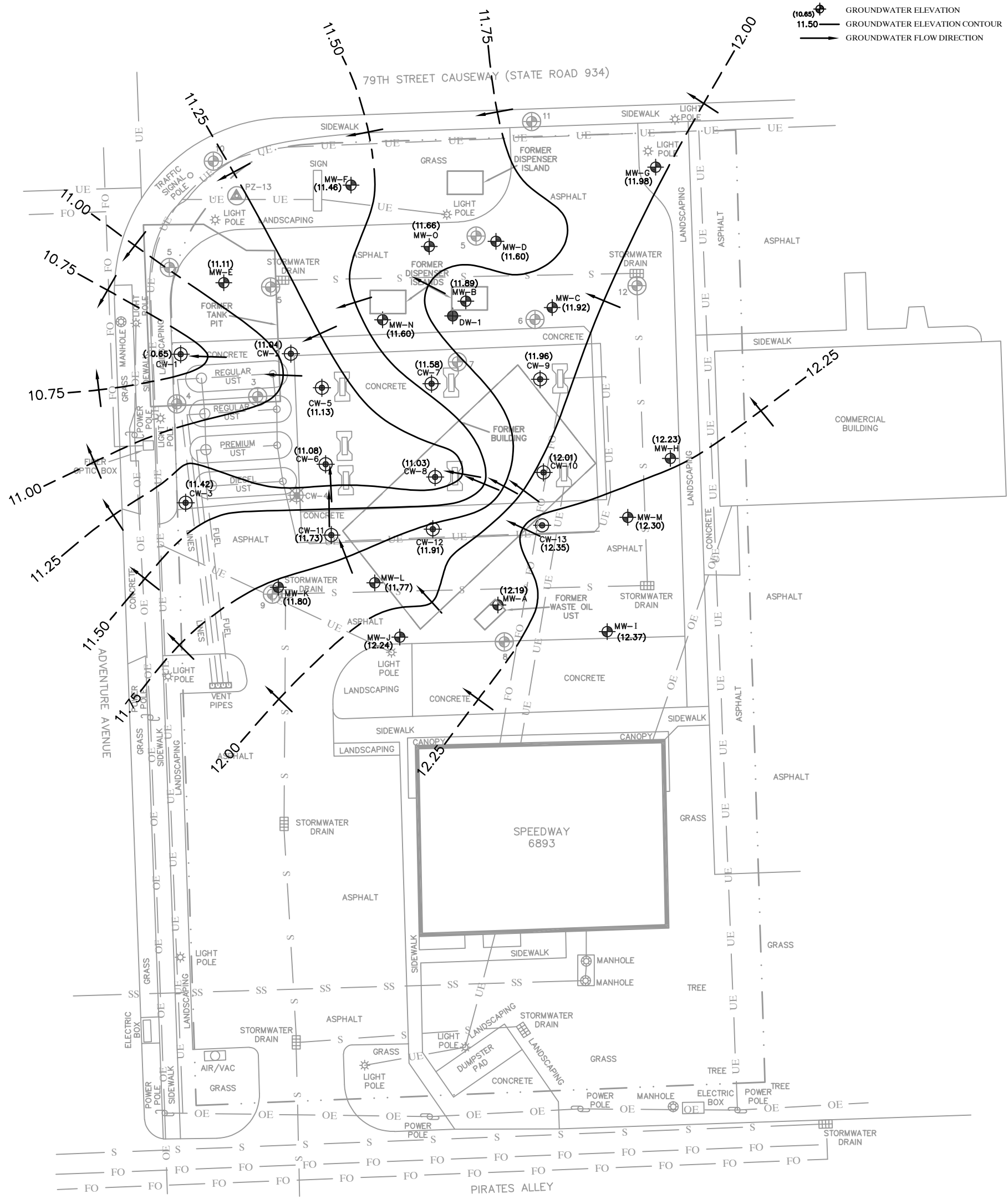
FDEP# 18/8506324

2020-0087/2021.7.RTC/FIG5-SADS.dwg

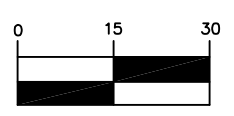


LEGEND

- MONITORING WELL
- DEEP MONITORING WELL
- COMPLIANCE WELL
- DESTROYED/ABANDONED COMPLIANCE WELL
- HISTORIC MONITORING WELL
- HISTORIC PIEZOMETER
- PROPERTY BOUNDARY
- OVERHEAD ELECTRIC
- UNDERGROUND ELECTRIC
- UNDERGROUND FIBER OPTIC
- UNDERGROUND STORM SEWER
- UNDERGROUND SANITARY SEWER
- GROUNDWATER ELEVATION
- GROUNDWATER ELEVATION CONTOUR
- GROUNDWATER FLOW DIRECTION



GRAPHIC SCALE



(IN FEET)
1 inch = 30 ft.

Figure 6 - Groundwater Elevation Map (January 20, 2021)

Speedway #6893

1508 79th Street, North Bay Village, Florida 33141

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FDEP# 18/8506324

2020-0087/2021.7.RTC/FIG6-GEM 1-20-21.dwg

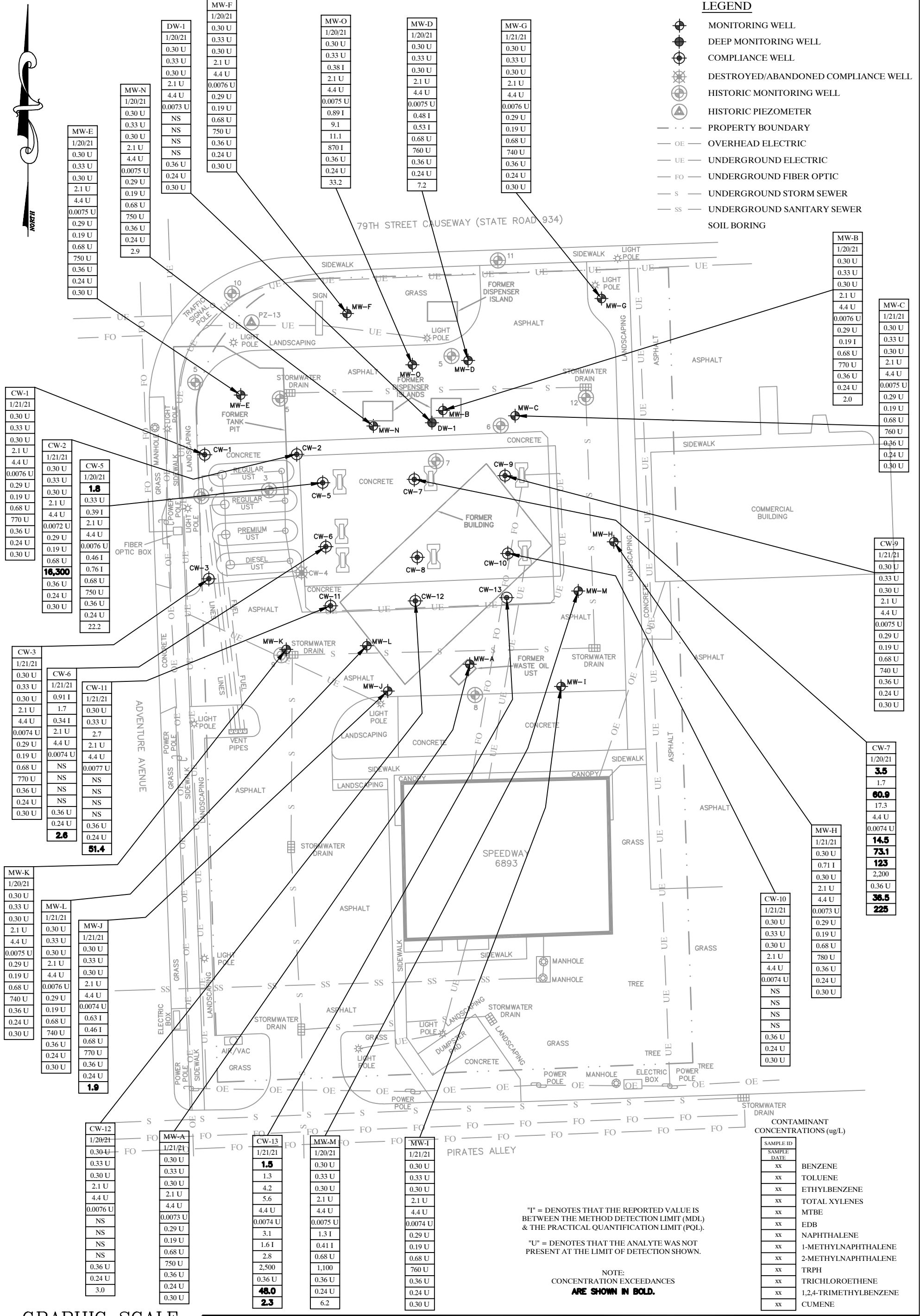


Figure 7 - Groundwater Analytical Data Summary

Speedway #6893

1508 79th Street, North Bay Village, Florida 33141

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FDEP# 18/8506324

2020-0087/2021.7.RTCFIG7-GADS.dwg

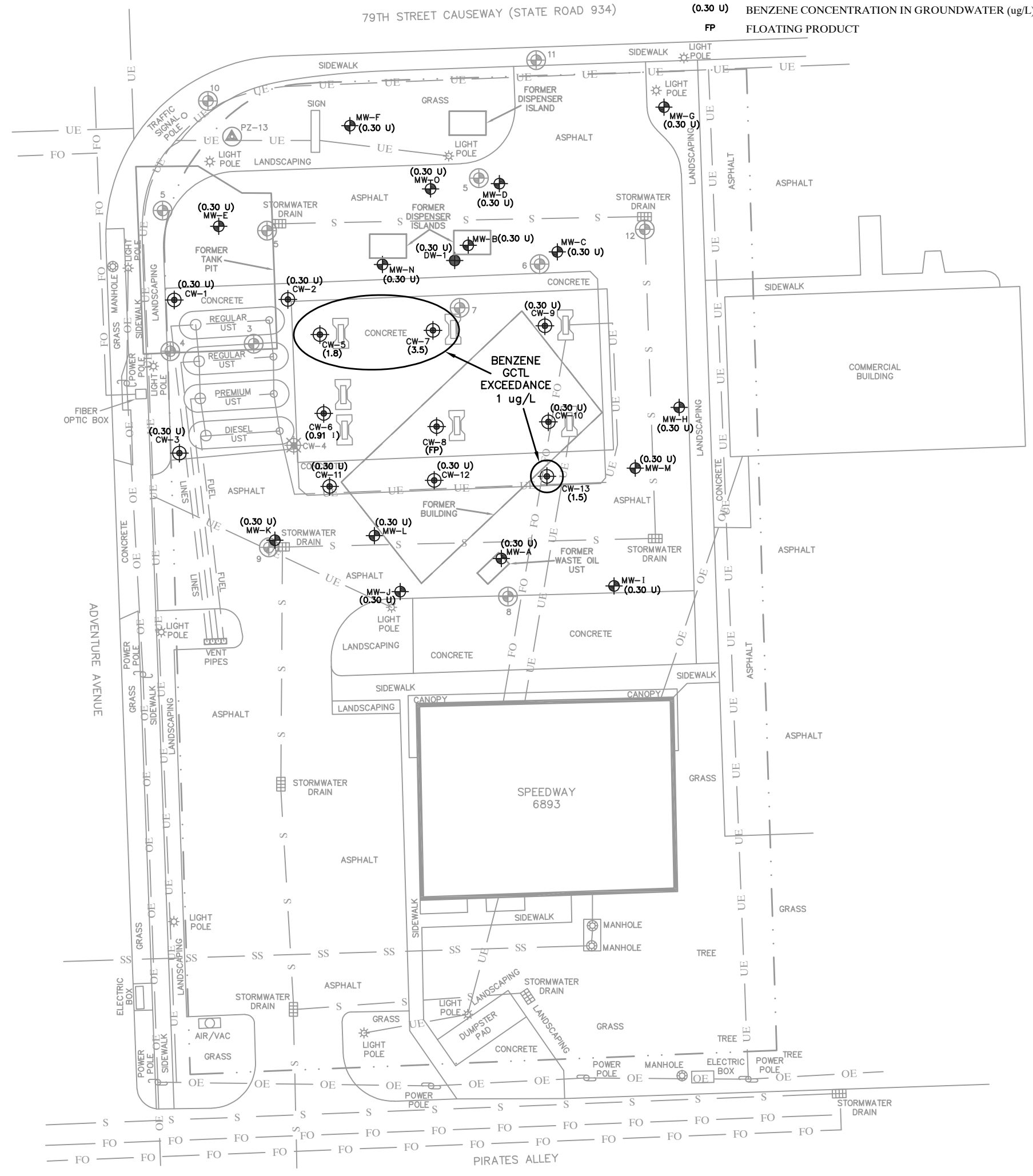


"I" = DENOTES THAT THE REPORTED VALUE IS BETWEEN THE METHOD DETECTION LIMIT (MDL) & THE PRACTICAL QUANTIFICATION LIMIT (PQL).
 "U" = DENOTES THAT THE ANALYTE WAS NOT PRESENT AT THE LIMIT OF DETECTION SHOWN.

GCTL TABLE I GCTLs Exceedance as defined in Chapter 62-777 F.A.C.

LEGEND

- MONITORING WELL
- DEEP MONITORING WELL
- COMPLIANCE WELL
- DESTROYED/ABANDONED COMPLIANCE WELL
- HISTORIC MONITORING WELL
- HISTORIC PIEZOMETER
- PROPERTY BOUNDARY
- OVERHEAD ELECTRIC
- UNDERGROUND ELECTRIC
- UNDERGROUND FIBER OPTIC
- UNDERGROUND STORM SEWER
- UNDERGROUND SANITARY SEWER
- (0.30 U) BENZENE CONCENTRATION IN GROUNDWATER (ug/L)
- FP FLOATING PRODUCT



GRAPHIC SCALE

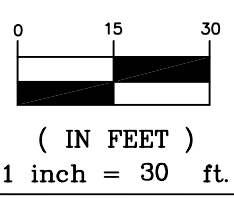


Figure 8 - Benzene Groundwater Plume Map

Speedway #6893

1508 79th Street, North Bay Village, Florida 33141

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 Environmental Consulting, Inc.



FDEP# 18/8506324

2020-0087\2021.7.RTC\FIG8-BENZENE GW PLUME.dwg

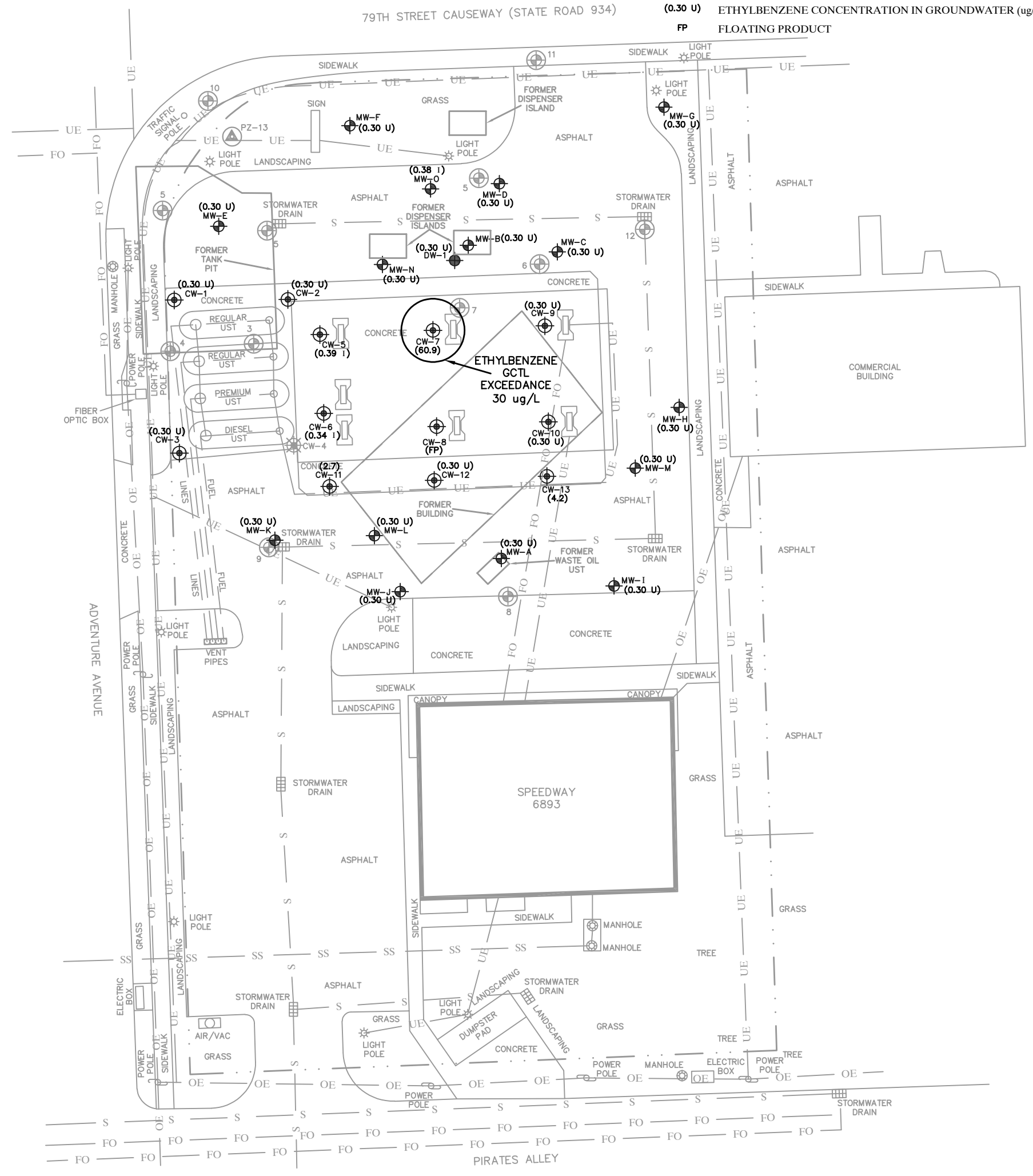


"I" = DENOTES THAT THE REPORTED VALUE IS BETWEEN THE METHOD DETECTION LIMIT (MDL) & THE PRACTICAL QUANTIFICATION LIMIT (PQL).
 "U" = DENOTES THAT THE ANALYTE WAS NOT PRESENT AT THE LIMIT OF DETECTION SHOWN.

GCTL TABLE I GCTLs Exceedance as defined in Chapter 62-777 F.A.C.

LEGEND

- MONITORING WELL
- DEEP MONITORING WELL
- COMPLIANCE WELL
- DESTROYED/ABANDONED COMPLIANCE WELL
- HISTORIC MONITORING WELL
- HISTORIC PIEZOMETER
- PROPERTY BOUNDARY
- OVERHEAD ELECTRIC
- UNDERGROUND ELECTRIC
- UNDERGROUND FIBER OPTIC
- UNDERGROUND STORM SEWER
- UNDERGROUND SANITARY SEWER
- (0.30 U) ETHYLBENZENE CONCENTRATION IN GROUNDWATER (ug/L)
- FP FLOATING PRODUCT



GRAPHIC SCALE

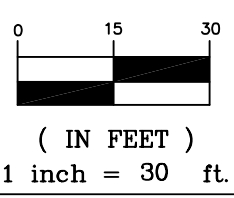


Figure 9 - Ethylbenzene Groundwater Plume Map

Speedway #6893

1508 79th Street, North Bay Village, Florida 33141

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FDEP# 18/8506324

2020-0087\2021.7.RTC\FIG9-ETHYLBENZENE GW PLUME.dwg

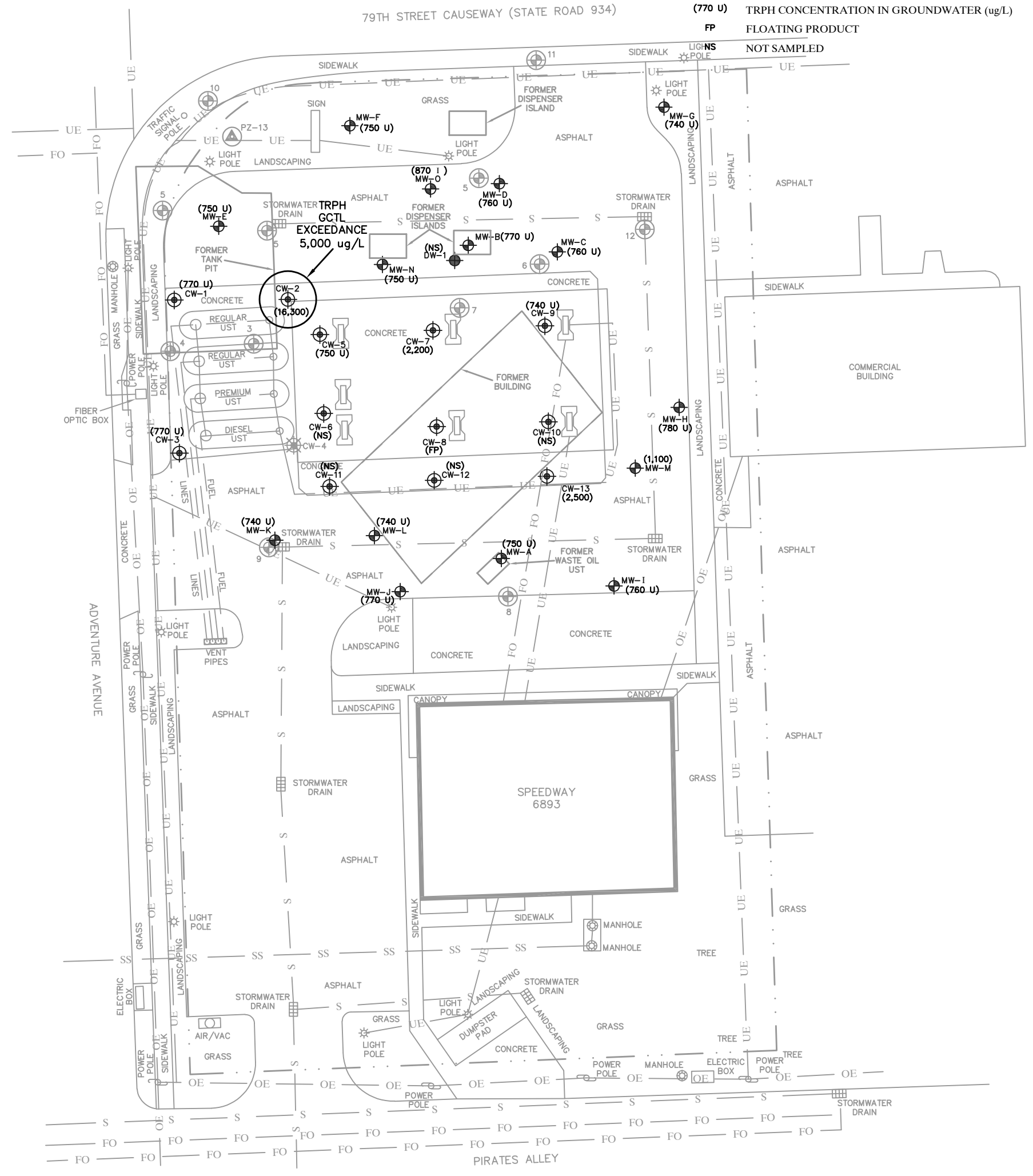


"I" = DENOTES THAT THE REPORTED VALUE IS BETWEEN THE METHOD DETECTION LIMIT (MDL) & THE PRACTICAL QUANTIFICATION LIMIT (PQL).
 "U" = DENOTES THAT THE ANALYTE WAS NOT PRESENT AT THE LIMIT OF DETECTION SHOWN.

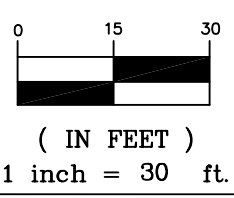
GCTL TABLE I GCTLs Exceedance as defined in Chapter 62-777 F.A.C.

LEGEND

- MONITORING WELL
- DEEP MONITORING WELL
- COMPLIANCE WELL
- DESTROYED/ABANDONED COMPLIANCE WELL
- HISTORIC MONITORING WELL
- HISTORIC PIEZOMETER
- PROPERTY BOUNDARY
- OVERHEAD ELECTRIC
- UNDERGROUND ELECTRIC
- UNDERGROUND FIBER OPTIC
- UNDERGROUND STORM SEWER
- UNDERGROUND SANITARY SEWER
- (770 U) TRPH CONCENTRATION IN GROUNDWATER (ug/L)
- FP FLOATING PRODUCT
- NOT SAMPLED



GRAPHIC SCALE



**Figure 10 - TRPH
Groundwater Plume Map**

Speedway #6893

1508 79th Street, North Bay Village, Florida 33141

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Environmental Consulting, Inc.



FDEP# 18/8506324

2020-0087\2021.7.RTC\FIG10-TRPH GW PLUME.dwg



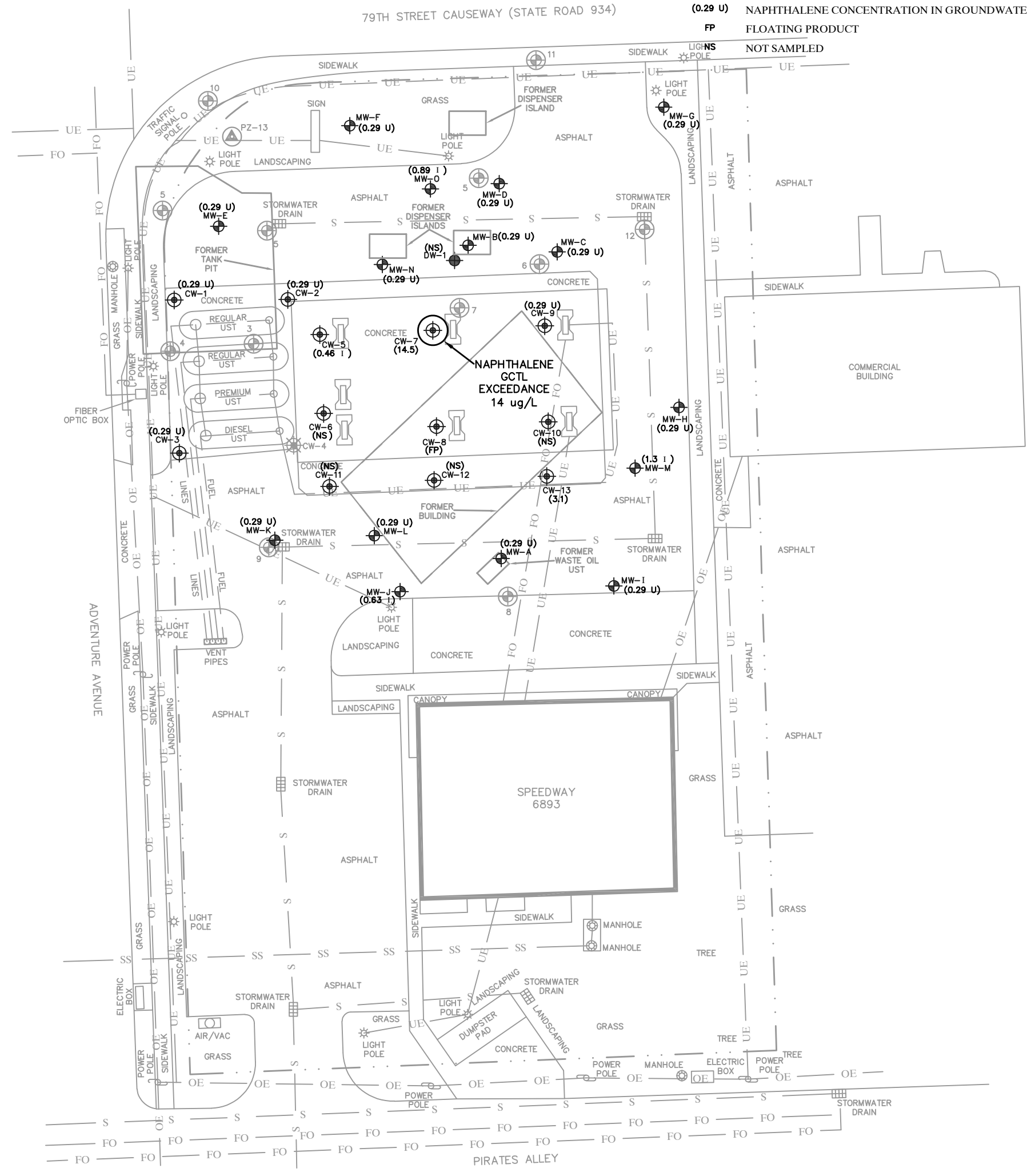
"I" = DENOTES THAT THE REPORTED VALUE IS BETWEEN THE METHOD DETECTION LIMIT (MDL) & THE PRACTICAL QUANTIFICATION LIMIT (PQL).

"U" = DENOTES THAT THE ANALYTE WAS NOT PRESENT AT THE LIMIT OF DETECTION SHOWN.

GCTL TABLE I GCTLs Exceedance as defined in Chapter 62-777 F.A.C.

LEGEND

- MONITORING WELL
- DEEP MONITORING WELL
- COMPLIANCE WELL
- DESTROYED/ABANDONED COMPLIANCE WELL
- HISTORIC MONITORING WELL
- HISTORIC PIEZOMETER
- PROPERTY BOUNDARY
- OVERHEAD ELECTRIC
- UNDERGROUND ELECTRIC
- UNDERGROUND FIBER OPTIC
- UNDERGROUND STORM SEWER
- UNDERGROUND SANITARY SEWER
- NAPHTHALENE CONCENTRATION IN GROUNDWATER (ug/L)
- FLOATING PRODUCT
- NOT SAMPLED



GRAPHIC SCALE

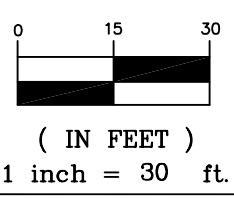


Figure 12 - 1-Methylnaphthalene Groundwater Plume Map

Speedway #6893

1508 79th Street, North Bay Village, Florida 33141

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FDEP# 18/8506324

2020-0087\2021.7.RTC\FIG12-METHYLNAPHTHALENE GW PLUME.dwg

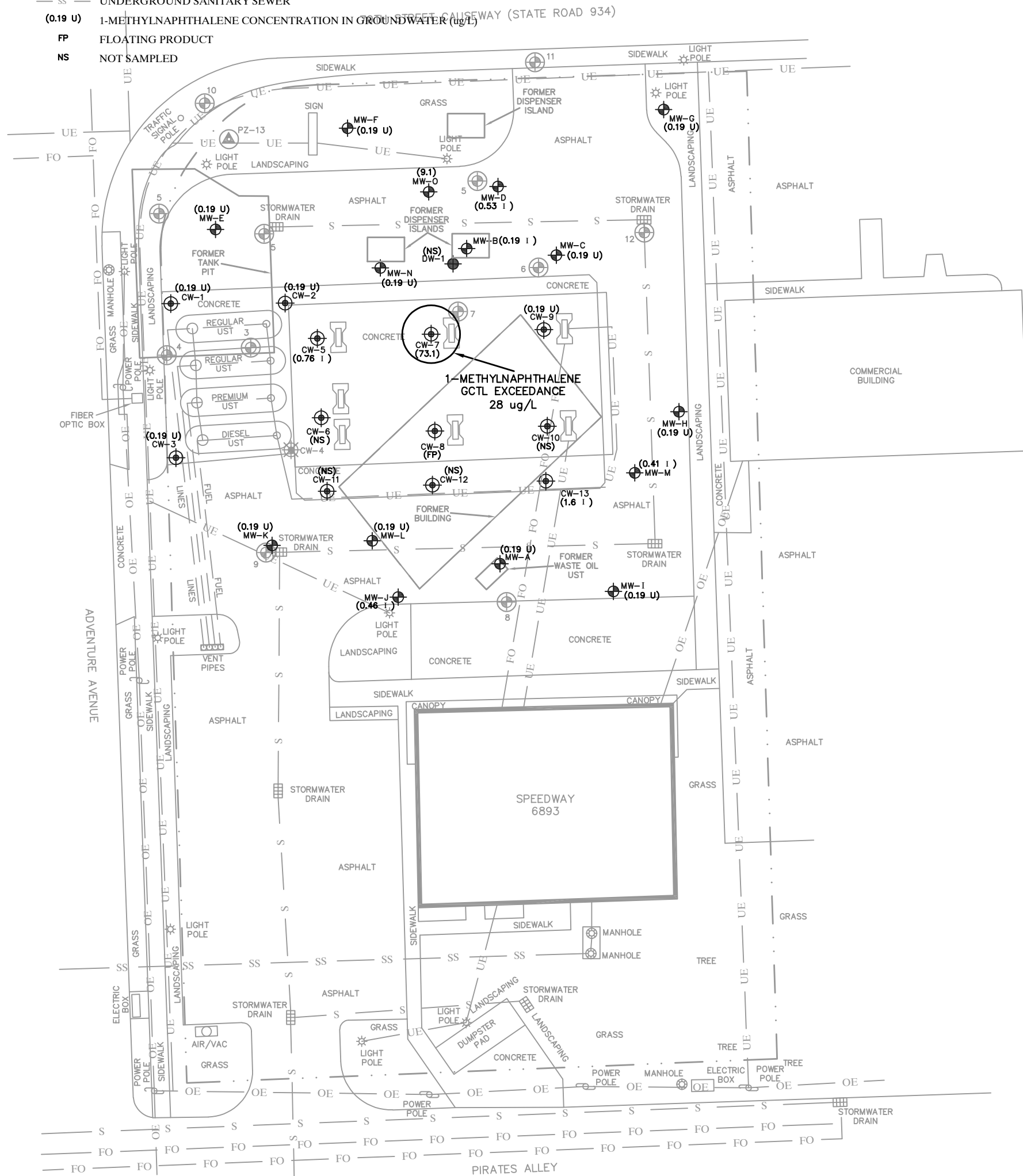
LEGEND

- MONITORING WELL
- DEEP MONITORING WELL
- COMPLIANCE WELL
- DESTROYED/ABANDONED COMPLIANCE WELL
- HISTORIC MONITORING WELL
- HISTORIC PIEZOMETER
- PROPERTY BOUNDARY
- OVERHEAD ELECTRIC
- UNDERGROUND ELECTRIC
- UNDERGROUND FIBER OPTIC
- UNDERGROUND STORM SEWER
- UNDERGROUND SANITARY SEWER
- (0.19 U)** 1-METHYLNAPHTHALENE CONCENTRATION IN GROUNDWATER (ug/L)
- FP** FLOATING PRODUCT
- NS** NOT SAMPLED

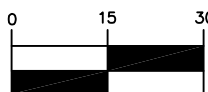
"I" = DENOTES THAT THE REPORTED VALUE IS BETWEEN THE METHOD DETECTION LIMIT (MDL) & THE PRACTICAL QUANTIFICATION LIMIT (PQL).

"U" = DENOTES THAT THE ANALYTE WAS NOT PRESENT AT THE LIMIT OF DETECTION SHOWN.

TABLE I GCTLs Exceedance as defined in Chapter 62-777 F.A.C.



GRAPHIC SCALE



(IN FEET)
1 inch = 30 ft.

Figure 12 - 1-Methylnaphthalene Groundwater Plume Map

Speedway #6893

1508 79th Street, North Bay Village, Florida 33141

TERRA-COM

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FDEP# 18/8506324

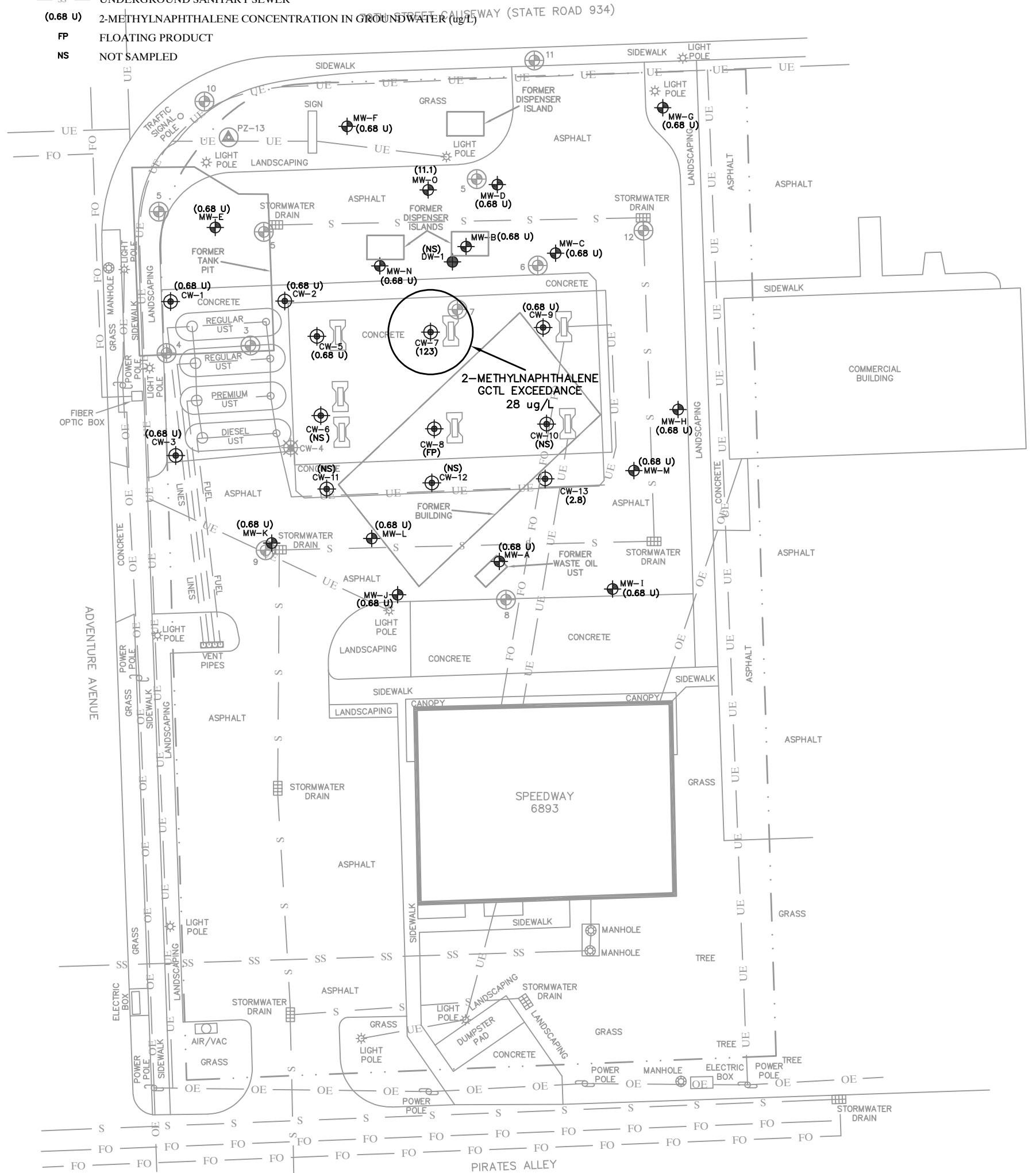
2020-0087\2021.7.RTC\FIG12-1-METHYLNAPHTHALENE GW PLUME.dwg

LEGEND

- MONITORING WELL
- DEEP MONITORING WELL
- COMPLIANCE WELL
- DESTROYED/ABANDONED COMPLIANCE WELL
- HISTORIC MONITORING WELL
- HISTORIC PIEZOMETER
- PROPERTY BOUNDARY
- OVERHEAD ELECTRIC
- UNDERGROUND ELECTRIC
- UNDERGROUND FIBER OPTIC
- UNDERGROUND STORM SEWER
- UNDERGROUND SANITARY SEWER
- (0.68 U)** 2-METHYLNAPHTHALENE CONCENTRATION IN GROUNDWATER (ug/L)
- FP** FLOATING PRODUCT
- NS** NOT SAMPLED

"U" = DENOTES THAT THE ANALYTE WAS NOT PRESENT AT THE LIMIT OF DETECTION SHOWN.

TABLE I GCTLs Exceedance as defined in Chapter 62-777 F.A.C.



GRAPHIC SCALE



(IN FEET)
1 inch = 30 ft.

**Figure 13 - 2-Methylnaphthalene
Groundwater Plume Map**

Speedway #6893

1508 79th Street, North Bay Village, Florida 33141

TERRA-COM













Environmental Consulting, Inc.



FDEP# 18/8506324

2020-0087\2021.7.RTC\FIG13-2-METHYLNAPHTHALENE GW PLUME.dwg

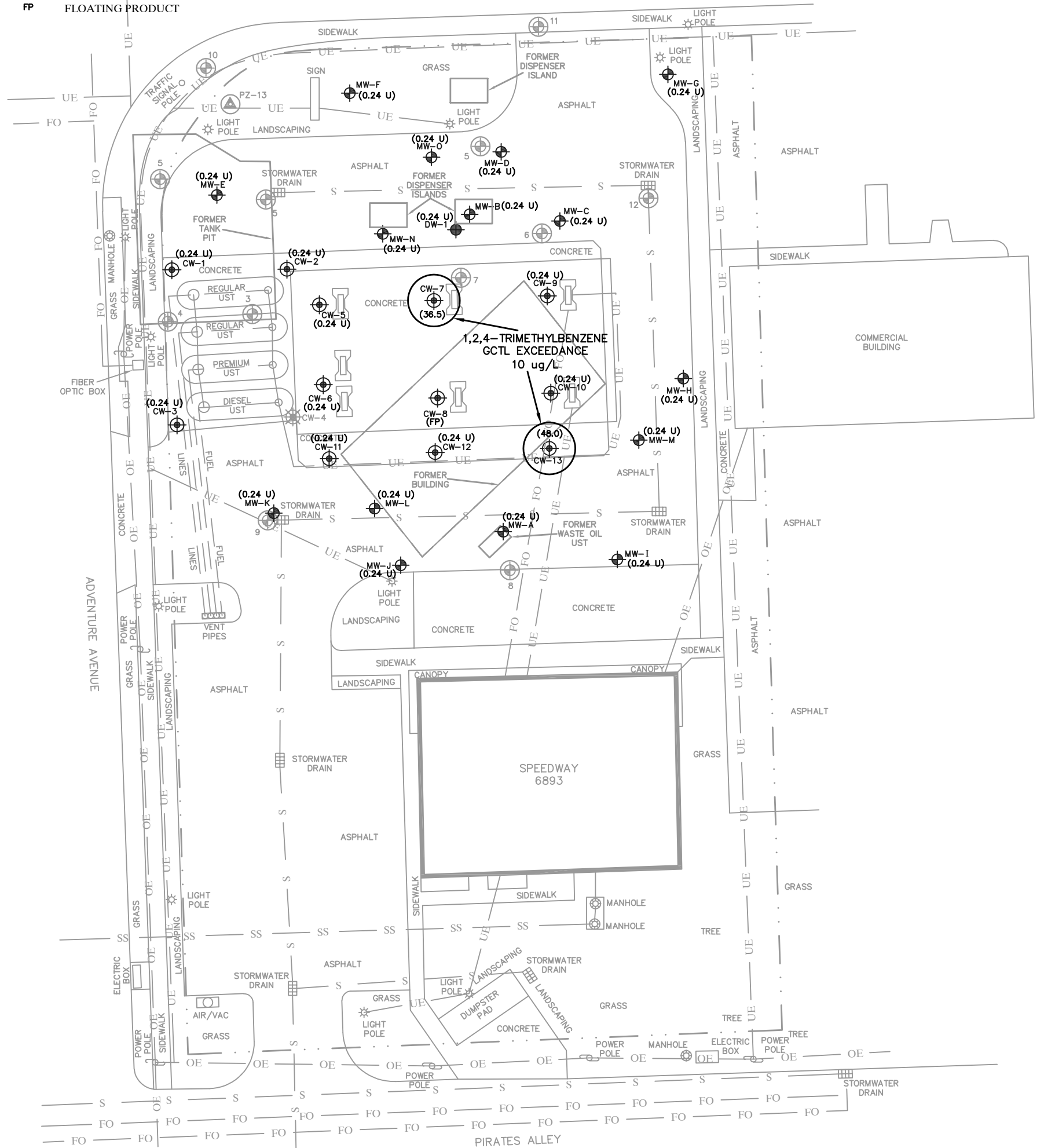
LEGEND

-  MONITORING WELL
-  DEEP MONITORING WELL
-  COMPLIANCE WELL
-  DESTROYED/ABANDONED COMPLIANCE WELL
-  HISTORIC MONITORING WELL
-  HISTORIC PIEZOMETER
-  PROPERTY BOUNDARY
-  OVERHEAD ELECTRIC
-  UNDERGROUND ELECTRIC
-  UNDERGROUND FIBER OPTIC
-  UNDERGROUND STORM SEWER
-  UNDERGROUND SANITARY SEWER
- (0.24 U)** 1,2,4-TRIMETHYLBENZENE CONCENTRATION IN GROUNDWATER (ug/L)
- FP** FLOATING PRODUCT

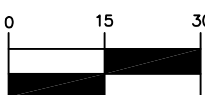
"U" = DENOTES THAT THE ANALYTE WAS NOT PRESENT AT THE LIMIT OF DETECTION SHOWN.

GCTL TABLE 1 GCTLs Excedance as defined in Chapter 62-777 F.A.C.

79TH STREET CAUSEWAY (STATE ROAD 934)



GRAPHIC SCALE



(IN FEET)
1 inch = 30 ft.

**Figure 14 - 1,2,4 Trimethylbenzene
Groundwater Plume Map**

Speedway #6893

1508 79th Street, North Bay Village, Florida 33141

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FDEP# 18/8506324

2020-0087\2021.7.RTC\FIG14-1-2-4 TRIMETHYLBENZENE GW PLUME.dwg



LEGEND

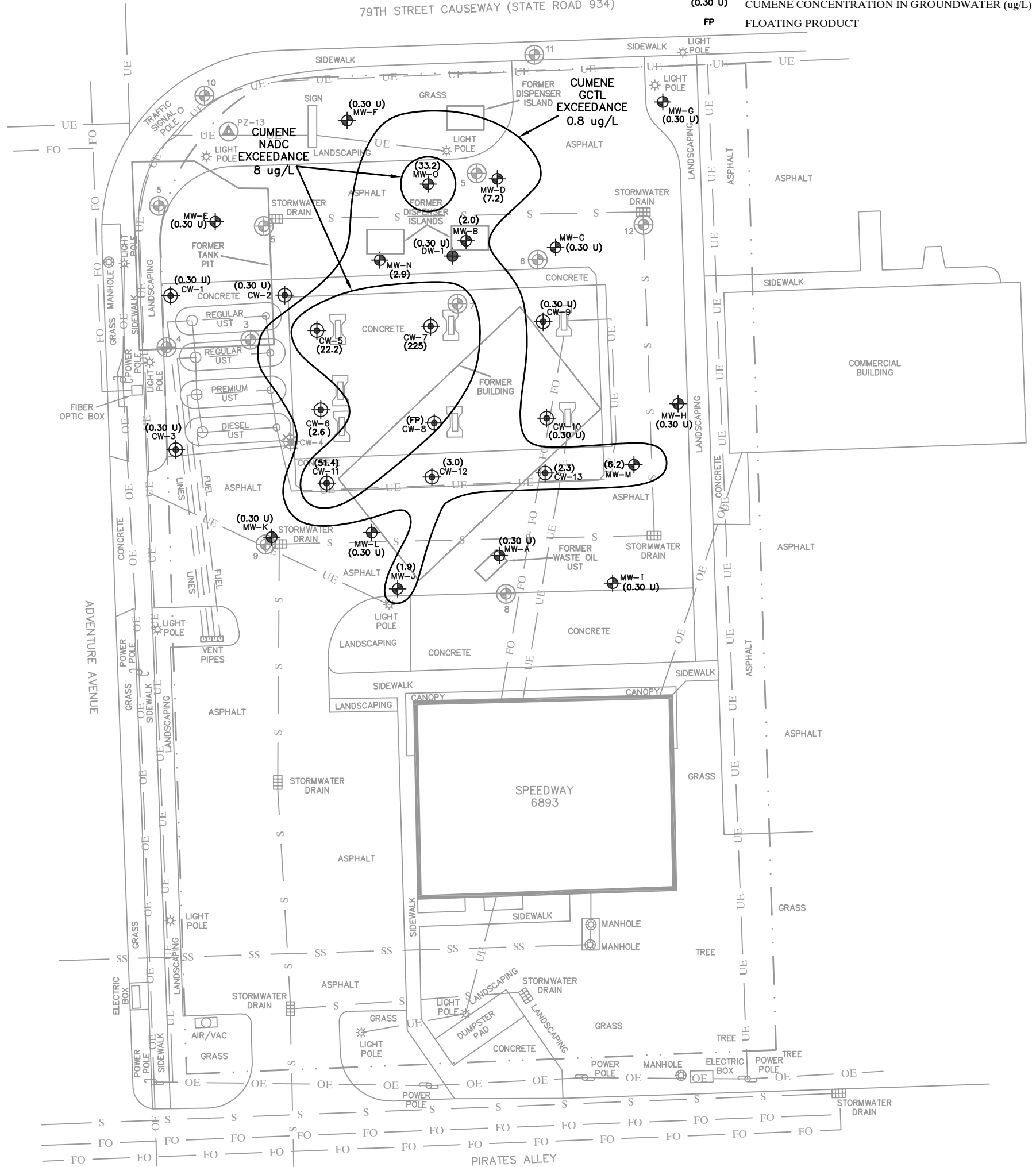
- MONITORING WELL
- DEEP MONITORING WELL
- COMPLIANCE WELL
- DESTROYED/ABANDONED COMPLIANCE WELL
- HISTORIC MONITORING WELL
- HISTORIC PIEZOMETER
- PROPERTY BOUNDARY
- OVERHEAD ELECTRIC
- UNDERGROUND ELECTRIC
- UNDERGROUND FIBER OPTIC
- UNDERGROUND STORM SEWER
- UNDERGROUND SANITARY SEWER
- (0.30 U) CUMENE CONCENTRATION IN GROUNDWATER (ug/L)
- FP FLOATING PRODUCT

"U" = DENOTES THAT THE ANALYTE WAS NOT PRESENT AT THE LIMIT OF DETECTION SHOWN.

GCTL TABLE I GCTLs Exceedance as defined in Chapter 62-777 F.A.C.

NADC TABLE V NADCs Exceedance as defined in Chapter 62-777 F.A.C.

79TH STREET CAUSEWAY (STATE ROAD 934)



GRAPHIC SCALE



(IN FEET)
1 inch = 30 ft.

Figure 15 - Cumene Groundwater Plume Map

Speedway #6893

1508 79th Street, North Bay Village, Florida 33141

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Environmental Consulting, Inc.



FDEP# 18/8506324

2020-0087/2021.7.RTC/FIG15-CUMENE GW PLUME.dwg

Tables

TABLE 1: SOIL SCREENING SUMMARY

Facility Name: Speedway # 6893
 Address: 1508 79th Street, North Bay Village, FL 33141
 Project No.: 2020-0087

Facility ID: 13/8506324

SAMPLE				OVA SCREENING RESULTS			COMMENTS
BORING No.	DATE COLLECTED	OBSERVED DEPTH TO WATER (ft)	SAMPLE INTERVAL (ft-bls)	TOTAL READING (ppm)	CARBON FILTERED (ppm)	NET READING (ppm)	
MW-9	6/10/1991	3	0-2	NR	NR	ND	
			2-4	NR	NR	ND	
MW-10	6/10/1991	3	0-2	NR	NR	350	
			2-4	NR	NR	> 1,000	
MW-11	6/10/1991	3	0-2	NR	NR	ND	
			2-4	NR	NR	ND	
MW-12	6/10/1991	3	0-2	NR	NR	ND	
			2-4	NR	NR	ND	
PZ-13	6/10/1991	3	0-2	NR	NR	500	
			2-4	NR	NR	> 1,000	
SB-1	9/20/1991	4	0-2	NR	NR	420	
			2-4	NR	NR	> 1,000	
SB-2	9/20/1991	4	0-2	NR	NR	ND	
			2-4	NR	NR	ND	
SB-3	9/20/1991	4	0-2	NR	NR	> 1,000	
			2-4	NR	NR	> 1,000	
SB-4	9/20/1991	4	0-2	NR	NR	ND	
			2-4	NR	NR	ND	
SB-5	9/20/1991	4	0-2	NR	NR	ND	
			2-4	NR	NR	ND	
SB-6	9/20/1991	4	0-2	NR	NR	ND	
			2-4	NR	NR	ND	
SB-7	9/20/1991	4	0-2	NR	NR	750	
			2-4	NR	NR	> 1,000	
SB-8	9/20/1991	4	0-2	NR	NR	ND	
			2-4	NR	NR	ND	
SB-9	9/20/1991	4	0-2	NR	NR	ND	
			2-4	NR	NR	ND	
SB-A	2/17/1995	4	1-2	NR	NR	< 10	
			2-4	NR	NR	< 10	
SB-B	2/17/1995	4	1-2	NR	NR	< 10	
			2-4	NR	NR	< 10	
SB-C	2/17/1995	4	1-2	NR	NR	< 10	
			2-4	NR	NR	< 10	
SB-1	12/20/2000	3.89	0-2	BDL	BDL	BDL	
			2-4	BDL	BDL	BDL	
			4-6	20	15	5	
			6-7	>1,000	550	>450	
SB-2	12/20/2000	3.89	0-2	BDL	BDL	BDL	
			2-4	BDL	BDL	BDL	
			4-6	26	20	6	
			6-7	>1,000	600	>400	
SB-3	12/20/2000	3.89	0-2	BDL	BDL	BDL	
			2-4	BDL	BDL	BDL	
			4-6	22	15	7	
			6-7	>1,000	340	>660	
SB-4	12/20/2000	3.89	0-2	BDL	BDL	BDL	
			2-4	BDL	BDL	BDL	
			4-6	15	9	6	
			6-7	>1,000	460	>540	
SB-5	12/20/2000	3.89	0-2	BDL	BDL	BDL	
			2-4	BDL	BDL	BDL	
			4-6	BDL	BDL	BDL	
			6-7	BDL	BDL	BDL	
SB-6	12/20/2000	3.89	0-2	BDL	BDL	BDL	
			2-4	38	20	18	
			4-6	>1,000	>1,000	>1,000	
SB-7	12/20/2000	3.89	0-2	BDL	BDL	BDL	
			2-4	350	BDL	BDL	
			4-6	>1,000	>1,000	>1,000	
SB-8	12/20/2000	3.89	0-2	BDL	BDL	BDL	
			2-4	BDL	BDL	BDL	
			4-6	BDL	BDL	BDL	
SB-9	12/20/2000	3.89	0-2	BDL	BDL	BDL	
			2-4	BDL	BDL	BDL	
			4-6	250	160	90	
SB-10	12/20/2000	3.89	0-2	8	7	1	
			2-4	15	10	5	
			4-6	600	220	380	

TABLE 1: SOIL SCREENING SUMMARY

Facility Name: Speedway # 6893
 Address: 1508 79th Street, North Bay Village, FL 33141
 Project No.: 2020-0087

Facility ID: 13/8506324

SAMPLE				OVA SCREENING RESULTS			COMMENTS
BORING No.	DATE COLLECTED	OBSERVED DEPTH TO WATER (ft)	SAMPLE INTERVAL (ft-bls)	TOTAL READING (ppm)	CARBON FILTERED (ppm)	NET READING (ppm)	
A-1	1/8/2001	NR	0-2	BDL	BDL	BDL	
			2-4	BDL	BDL	BDL	
			4-6	110	BDL	110	
			6-8	90	BDL	90	
A-2	1/8/2001	NR	0-2	BDL	BDL	BDL	
			2-4	BDL	BDL	BDL	
			4-6	100	BDL	100	
A-3	1/8/2001	NR	0-2	BDL	BDL	BDL	
			2-4	BDL	BDL	BDL	
			4-6	88	BDL	88	
B-1	1/8/2001	NR	0-2	BDL	BDL	BDL	
			2-4	BDL	BDL	BDL	
			4-6	100	BDL	100	
			6-8	84	BDL	84	
B-2	1/8/2001	NR	0-2	BDL	BDL	BDL	
			2-4	BDL	BDL	BDL	
			4-6	100	BDL	100	
B-3	1/8/2001	NR	0-2	BDL	BDL	BDL	
			2-4	BDL	BDL	BDL	
			4-6	80	BDL	80	
C-1	1/8/2001	NR	0-2	BDL	BDL	BDL	
			2-4	BDL	BDL	BDL	
			4-6	110	BDL	110	
			6-8	98	BDL	98	
C-2	1/8/2001	NR	0-2	BDL	BDL	BDL	
			2-4	BDL	BDL	BDL	
			4-6	100	BDL	100	
C-3	1/8/2001	NR	0-2	BDL	BDL	BDL	
			2-4	BDL	BDL	BDL	
			4-6	18	BDL	18	
C-5	1/8/2001	NR	0-2	BDL	BDL	BDL	
			2-4	BDL	BDL	BDL	
			4-6	10	BDL	10	
D-1	1/8/2001	NR	0-2	BDL	BDL	BDL	
			2-4	BDL	BDL	BDL	
			4-6	100	BDL	100	
			6-8	96	BDL	96	
D-2	1/8/2001	NR	0-2	BDL	BDL	BDL	
			2-4	BDL	BDL	BDL	
			4-6	80	BDL	80	
D-3	1/8/2001	NR	0-2	BDL	BDL	BDL	
			2-4	BDL	BDL	BDL	
			4-6	16	BDL	16	
D-5	1/8/2001	NR	0-2	BDL	BDL	BDL	
			2-4	BDL	BDL	BDL	
			4-6	10	BDL	10	
E-1	1/8/2001	NR	0-2	BDL	BDL	BDL	
			2-4	BDL	BDL	BDL	
			4-6	110	BDL	110	
			6-8	90	BDL	90	
E-2	1/8/2001	NR	0-2	BDL	BDL	BDL	
			2-4	BDL	BDL	BDL	
			4-6	80	BDL	80	
E-3	1/8/2001	NR	0-2	BDL	BDL	BDL	
			2-4	BDL	BDL	BDL	
			4-6	20	BDL	20	
P-1	1/8/2001	NR	1	62	BDL	62	
			2	80	BDL	80	
			3	80	BDL	80	
			4	100	BDL	100	
P-2	1/8/2001	NR	1	60	BDL	60	
			2	82	BDL	82	
			3	76	BDL	76	
			4	100	BDL	100	
P-3	1/8/2001	NR	1	BDL	BDL	BDL	
			2	280	BDL	280	
			3	280	BDL	280	
P-4	1/8/2001	NR	1	4	BDL	4	
			2	24	BDL	24	
			3	>1000	BDL	>1000	
P-5	1/8/2001	NR	1	3	BDL	3	
			2	3	BDL	3	
			3	5	BDL	5	

TABLE 1: SOIL SCREENING SUMMARY

Facility Name: Speedway # 6893
 Address: 1508 79th Street, North Bay Village, FL 33141
 Project No.: 2020-0087

Facility ID: 13/8506324

SAMPLE				OVA SCREENING RESULTS			COMMENTS
BORING No.	DATE COLLECTED	OBSERVED DEPTH TO WATER (ft)	SAMPLE INTERVAL (ft-bl)	TOTAL READING (ppm)	CARBON FILTERED (ppm)	NET READING (ppm)	
P-6	1/8/2001	NR	1	BDL	BDL	BDL	
			2	2	BDL	2	
			3	120	24	96	
SB-1	4/11/2016	4	0-1	0	-	0	
			1-2	0	-	0	
			2-3	0	-	0	
			3-4	0	-	0	
			4-5	0	-	0	
			5-6	0	-	0	
SB-2	4/11/2016	4	0-1	0	-	0	
			1-2	0	-	0	
			2-3	0	-	0	
			3-4	0	-	0	
			4-5	0	-	0	
			5-6	0	-	0	
SB-3	4/11/2016	4	0-1	0	-	0	
			1-2	0	-	0	
			2-3	0	-	0	
			3-4	0	-	0	
			4-5	0	-	0	
			5-6	0	-	0	
SB-4	4/11/2016	4	0-1	0	-	0	
			1-2	0	-	0	
			2-3	0	-	0	
			3-4	0	-	0	
			4-5	0	-	0	
			5-6	0	-	0	
SB-5	4/11/2016	4	0-1	7.2	-	7.2	
			1-2	2.4	-	2.4	
			2-3	0	-	0	
			3-4	0	-	0	
			4-5	Could Not Advance - Pea Gravel			
			5-6				
SB-5R	4/12/2016	N/A	0-1	7.2	-	7.2	
			1-2	2.4	-	2.4	
SB-6	4/11/2016	4	0-1	0	-	0	
			1-2	0	-	0	
			2-3	0	-	0	
			3-4	0.9	-	0.9	
			4-5	3.0	-	3.0	
			5-6	3.4	-	3.4	
SB-6R	4/12/2016	4	0-1	0	-	0	
			1-2	0	-	0	
			2-3	0	-	0	
			3-4	0.9	-	0.9	
SB-7	4/11/16 - 4/12/16	4	0-1	0	-	0	
			1-2	0	-	0	
			2-3	1.1	-	1.1	
			3-4	3.8	-	3.8	
			4-5	> 1,000	-	> 1,000	
			5-6	> 1,000	-	> 1,000	
			6-7	> 1,000	-	> 1,000	
			7-8	680.2	-	680.2	
			8-9	90.4	-	90.4	
			9-10	31.4	-	31.4	
			10-11	11.6	-	11.6	
			11-12	4.8	-	4.8	
SB-7R	4/12/2016	4	0-1	0	-	0	
			1-2	0	-	0	
			2-3	1.1	-	1.1	
			3-4	3.8	-	3.8	
SB-8	4/11/16 - 4/12/16	4	0-1	0	-	0	
			1-2	0	-	0	
			2-3	0	-	0	
			3-4	628.4	-	628.4	
			4-5	525.5	-	525.5	
			5-6	522.3	-	522.3	
			6-7	508.2	-	508.2	
			7-8	99.2	-	99.2	
			8-9	71.8	-	71.8	
			9-10	34.5	-	34.5	
			10-11	42.2	-	42.2	
			11-12	13.7	-	13.7	

TABLE 1: SOIL SCREENING SUMMARY

Facility Name: Speedway # 6893
 Address: 1508 79th Street, North Bay Village, FL 33141
 Project No.: 2020-0087

Facility ID: 13/8506324

SAMPLE				OVA SCREENING RESULTS			COMMENTS
BORING No.	DATE COLLECTED	OBSERVED DEPTH TO WATER (ft)	SAMPLE INTERVAL (ft-bls)	TOTAL READING (ppm)	CARBON FILTERED (ppm)	NET READING (ppm)	
SB-8R	4/12/2016	4	0-1	0	-	0	
			1-2	0	-	0	
			2-3	0	-	0	
			3-4	628.4	-	628.4	
SB-9	4/11/2016	4	0-1	0	-	0	
			1-2	0	-	0	
			2-3	0	-	0	
			3-4	15.4	-	15.4	
			4-5	58.1	-	58.1	
SB-9R	4/12/2016	4	0-1	0	-	0	
			1-2	0	-	0	
			2-3	0	-	0	
			3-4	15.4	-	15.4	
			4-5	57.9	-	57.9	
SB-10	4/11/16 - 4/12/16	4	0-1	0	-	0	
			1-2	0	-	0	
			2-3	0	-	0	
			3-4	24.3	-	24.3	
			4-5	> 1,000	-	> 1,000	
			5-6	> 1,000	-	> 1,000	
			6-7	612	-	612	
			7-8	48.1	-	48.1	
			8-9	19.1	-	19.1	
			9-10	57.7	-	57.7	
			10-11	29.1	-	29.1	
SB-10R	4/12/2016	4	0-1	0	-	0	
			1-2	0	-	0	
			2-3	0	-	0	
			3-4	24.3	-	24.3	
SB-11	4/11/2016	4	0-1	0	-	0	
			1-2	0	-	0	
			2-3	0	-	0	
			3-4	129.8	-	129.8	
			4-5	25.1	-	25.1	
SB-11R	4/12/2016	4	0-1	0.0	-	0.0	
			1-2	0.0	-	0.0	
			2-3	0.0	-	0.0	
			3-4	129.8	-	129.8	
			4-5	25.1	-	25.1	
SB-11RR	12/6/2016	4	0-1	N/A	N/A	N/A	
			1-2	N/A	N/A	N/A	
			2-3	N/A	N/A	N/A	
			3-4	N/A	N/A	N/A	
SB-12	4/11/2016	4	0-1	0	-	0	
			1-2	0	-	0	
			2-3	0	-	0	
			3-4	0	-	0	
			4-5	0	-	0	
			5-6	0	-	0	
SB-13	4/11/2016	4	0-1	0	-	0	
			1-2	0	-	0	
			2-3	0	-	0	
			3-4	0	-	0	
			4-5	0	-	0	
			5-6	0	-	0	
SB-14	9/26/2016	4	0-1	0	-	0	
			1-2	0	-	0	
			2-3	0	-	0	
			3-4	871	-	871	
			4-5	269	-	269	
SB-15	9/26/2016	4	0-1	1.5	-	1.5	
			1-2	0.1	-	0.1	
			2-3	0.1	-	0.1	
			3-4	2,315	-	2,315	
			4-5	1,987	-	1,987	
SB-16	9/26/2016	4	0-1	0	-	0	
			1-2	0.1	-	0.1	
			2-3	0.1	-	0.1	
			3-4	404	-	404	
			4-5	2,042	-	2,042	

TABLE 1: SOIL SCREENING SUMMARY

Facility Name: Speedway # 6893
 Address: 1508 79th Street, North Bay Village, FL 33141
 Project No.: 2020-0087

Facility ID: 13/8506324

SAMPLE				OVA SCREENING RESULTS			COMMENTS
BORING No.	DATE COLLECTED	OBSERVED DEPTH TO WATER (ft)	SAMPLE INTERVAL (ft-bl)	TOTAL READING (ppm)	CARBON FILTERED (ppm)	NET READING (ppm)	
SB-17	9/26/2016	4	0-1	0.0	-	0.0	
			1-2	0.0	-	0.0	
			2-3	0.0	-	0.0	
			3-4	2,154.0	-	2,154.0	
			4-5	1,775.0	-	1,775.0	
SB-18	9/26/2016	4	0-1	4.5	-	4.5	
			1-2	0.8	-	0.8	
			2-3	0.0	-	0.0	
			3-4	0.0	-	0.0	
			4-5	0.0	-	0.0	
SB-19	9/26/2016	4	0-1	0.0	-	0.0	
			1-2	0.0	-	0.0	
			2-3	0.0	-	0.0	
			3-4	0.0	-	0.0	
			4-5	4.9	-	4.9	
SB-20	12/6/2016	4	0-1	N/A	N/A	N/A	
			1-2	N/A	N/A	N/A	
			2-3	N/A	N/A	N/A	
			3-4	N/A	N/A	N/A	
SB-21	12/6/2016	4	0-1	N/A	N/A	N/A	
			1-2	N/A	N/A	N/A	
			2-3	N/A	N/A	N/A	
			3-4	N/A	N/A	N/A	
SB-22	12/6/2016	4	0-1	N/A	N/A	N/A	
			1-2	N/A	N/A	N/A	
			2-3	N/A	N/A	N/A	
			3-4	N/A	N/A	N/A	
SB-23	12/6/2016	4	0-1	N/A	N/A	N/A	
			1-2	N/A	N/A	N/A	
			2-3	N/A	N/A	N/A	
			3-4	N/A	N/A	N/A	
MW-A	4/12/2016	4	0-1	0.0	-	0.0	
			1-2	0.0	-	0.0	
			2-3	0.0	-	0.0	
			3-4	129.8	-	129.8	
			4-5	25.1	-	25.1	
			5-6	24.8	-	24.8	
			6-7	N/A	N/A	N/A	
			7-8	N/A	N/A	N/A	
			8-9	N/A	N/A	N/A	
			9-10	N/A	N/A	N/A	
			10-11	N/A	N/A	N/A	
MW-B	4/12/2016	4	0-1	0.0	-	0.0	
			1-2	0.0	-	0.0	
			2-3	1.1	-	1.1	
			3-4	3.8	-	3.8	
			4-5	> 1,000	-	> 1,000	
			5-6	> 1,000	-	> 1,000	
			6-7	> 1,000	-	> 1,000	
			7-8	680.2	-	680.2	
			8-9	90.4	-	90.4	
			9-10	31.4	-	31.4	
			10-11	11.6	-	11.6	
MW-C	4/12/2016	4	0-1	0.0	-	0.0	
			1-2	0.0	-	0.0	
			2-3	0.0	-	0.0	
			3-4	628.4	-	628.4	
			4-5	525.5	-	525.5	
			5-6	522.3	-	522.3	
			6-7	> 1,000	-	> 1,000	
			7-8	99.2	-	99.2	
			8-9	71.8	-	71.8	
			9-10	34.5	-	34.5	
			10-11	42.2	-	42.2	
11-12	13.7	-	13.7				

TABLE 1: SOIL SCREENING SUMMARY

Facility Name: Speedway # 6893
 Address: 1508 79th Street, North Bay Village, FL 33141
 Project No.: 2020-0087

Facility ID: 13/8506324

SAMPLE				OVA SCREENING RESULTS			COMMENTS
BORING No.	DATE COLLECTED	OBSERVED DEPTH TO WATER (ft)	SAMPLE INTERVAL (ft-bls)	TOTAL READING (ppm)	CARBON FILTERED (ppm)	NET READING (ppm)	
MW-D	4/12/2016	4	0-1	0.0	-	0.0	
			1-2	0.0	-	0.0	
			2-3	0.0	-	0.0	
			3-4	24.3	-	24.3	
			4-5	> 1,000	-	> 1,000	
			5-6	> 1,000	-	> 1,000	
			6-7	612.0	-	612.0	
			7-8	48.1	-	48.1	
			8-9	19.1	-	19.1	
			9-10	57.7	-	57.7	
			10-11	29.1	-	29.1	
			11-12	20.0	-	20.0	
MW-E	4/12/2016	4	0-1	0.0	-	0.0	
			1-2	0.0	-	0.0	
			2-3	0.0	-	0.0	
			3-4	0.0	-	0.0	
			4-5	0.0	-	0.0	
			5-6	0.0	-	0.0	
			6-7	0.0	-	0.0	
			7-8	1.0	-	1.0	
			8-9	0.9	-	0.9	
			9-10	2.1	-	2.1	
			10-11	2.3	-	2.3	
			11-12	2.4	-	2.4	
MW-F	4/25/2016	4	0-1	0.0	-	0.0	
			1-2	1.8	-	1.8	
			2-3	0.0	-	0.0	
			3-4	0.2	-	0.2	
			4-5	147.9	-	147.9	
			5-6	1.0	-	1.0	
			6-7	1.1	-	1.1	
			7-8	3.0	-	3.0	
			8-9	2.4	-	2.4	
			9-10	4.2	-	4.2	
			10-11	27.3	-	27.3	
			11-12	71.1	-	71.1	
MW-G	4/25/2016	4	0-1	0.0	-	0.0	
			1-2	0.0	-	0.0	
			2-3	41.5	-	41.5	
			3-4	37.4	-	37.4	
			4-5	50.9	-	50.9	
			5-6	119.4	-	119.4	
			6-7	93.2	-	93.2	
			7-8	94.3	-	94.3	
			8-9	101.4	-	101.4	
			9-10	13.6	-	13.6	
			10-11	16.9	-	16.9	
			11-12	16.4	-	16.4	
MW-H	9/27/2016	4	0-1	0	-	0	
			1-2	0	-	0	
			2-3	0	-	0	
			3-4	0	-	0	
			4-6	0	-	0	
			6-8	0	-	0	
			8-10	25.6	-	25.6	
			10-12	47.5	-	47.5	
MW-I	9/26/2016	4	0-1	0	-	0	
			1-2	0	-	0	
			2-3	0	-	0	
			3-4	0	-	0	
			4-5	0	-	0	
			5-6	0	-	0	
			6-8	4.5	-	4.5	
			8-10	78	-	78	
MW-J	9/26/2016	4	0-1	0	-	0	
			1-2	0	-	0	
			2-3	0	-	0	
			3-4	0	-	0	
			4-5	788	-	788	
			5-6	456	-	456	
			6-8	36	-	36	
			8-10	41	-	41	
10-12	86	-	86				

TABLE 1: SOIL SCREENING SUMMARY

Facility Name: Speedway # 6893
 Address: 1508 79th Street, North Bay Village, FL 33141
 Project No.: 2020-0087

Facility ID: 13/8506324

SAMPLE				OVA SCREENING RESULTS			COMMENTS
BORING No.	DATE COLLECTED	OBSERVED DEPTH TO WATER (ft)	SAMPLE INTERVAL (ft-bls)	TOTAL READING (ppm)	CARBON FILTERED (ppm)	NET READING (ppm)	
MW-K	9/27/2016	4	0-1	0	-	0	
			1-2	0	-	0	
			2-3	0	-	0	
			3-4	0	-	0	
			4-6	1.2	-	1.2	
			6-8	37.9	-	37.9	
			8-10	9.2	-	9.2	
			10-12	165.4	-	165.4	
DW-1	6/8/2016	4	0-2	8.1	-	8.1	
			2-4	2.1	-	2.1	
			4-6	1,486	-	1,486	
			6-8	36	-	36	
			8-10	44	-	44	
			10-12	1.6	-	1.6	
			12-14	7.5	-	7.5	
			14-16	35	-	35	
			16-18	89	-	89	
			18-20	50	-	50	
			20-22	16	-	16	
			22-24	12	-	12	
			24-26	0	-	0	
			26-28	0	-	0	
28-30	0	-	0				
30-32	0	-	0				
32-34	0	-	0				
34-35	0	-	0				
SB-20-01	1/12/2021	4	1	0	0	0	
			2	0	0	0	
			3	0	0	0	sample
			4	0	0	0	
			5	0	0	0	
			6	0	0	0	
SB-20-02	1/12/2021	4	1	0	0	0	
			2	0	0	0	
			3	0	0	0	sample
			4	0	0	0	
			5	0	0	0	
			6	0	0	0	
SB-20-03	1/12/2021	4	1	0	0	0	
			2	17	11	6	
			3	63	10	53	sample
			4	5	2	3	
			5	12	5	7	
			6	8	2	6	
SB-20-04	1/12/2021	4	1	0	0	0	
			2	0	0	0	
			3	0	0	0	sample
			4	201	36	165	
			5	1,073	43	1,030	
			6	1,255	27	1,228	

TABLE 1: SOIL SCREENING SUMMARY

Facility Name: Speedway # 6893
 Address: 1508 79th Street, North Bay Village, FL 33141
 Project No.: 2020-0087

Facility ID: 13/8506324

SAMPLE				OVA SCREENING RESULTS			COMMENTS
BORING No.	DATE COLLECTED	OBSERVED DEPTH TO WATER (ft)	SAMPLE INTERVAL (ft-bls)	TOTAL READING (ppm)	CARBON FILTERED (ppm)	NET READING (ppm)	
MW-L	1/12/2021	4	1	0	0	0	
			2	0	0	0	
			3	632	37	595	
			4	9,185	206	8,979	
			6	201	55	146	
			8	303	161	142	
			10	2,951	62	2,889	
			12	4,253	183	4,070	
MW-M	1/12/2021	4	1	0	0	0	
			2	0	0	0	
			3	0	0	0	
			4	28	24	4	
			6	393	167	226	
			8	129	120	9	
			10	232	219	13	
			12	0	0	0	
MW-N	1/12/2021	4	1	0	0	0	
			2	12	0	12	
			3	0	0	0	
			4	18	5	13	
			6	710	109	601	
			8	259	132	127	
			10	No Recovery			
			12				
MW-O	1/12/2021	4	1	0	0	0	
			2	0	0	0	
			3	0	0	0	
			4	20,600	137	20,463	
			6	282	282	0	
			8	521	487	34	
			10	265	255	10	
			12	833	213	620	

Notes:
 NR = Not Reported
 ppm = part per million
 OVA = organic vapor analyzer
Source: CBI 2016; TERRA-COM 2021

ft-bls = feet below land surface
 ft = feet
 -- = Not Recorded

TABLE 2: MONITORING WELL CONSTRUCTION DETAILS

Facility Name: Speedway # 6893
 Address: 1508 79th Street, North Bay Village, FL 33141
 Project No.: 2020-0087

Facility ID: 13/8506324

Monitor Well Identification	Date Installed	Drilling Method	Well Diameter (inches)	Screen Slot Size (inches)	Depth of Well (ft-bls)	Screened Interval (ft-bls)	Well Status
MW-1	UNK	UNK	4	UNK	11	1 - 11	destroyed
MW-2	UNK	UNK	4	UNK	11	1 - 11	destroyed
MW-3	UNK	UNK	4	UNK	14	2 - 14	destroyed
MW-4	UNK	UNK	4	UNK	12	2 - 12	destroyed
MW-5	UNK	UNK	4	UNK	17	2 - 17	destroyed
MW-6	UNK	UNK	4	UNK	17	2 - 17	destroyed
MW-7	UNK	UNK	2	UNK	12	2 - 12	destroyed
MW-8	UNK	UNK	2	UNK	12	2 - 12	destroyed
MW-9	6/10/91	UNK	4	UNK	12	2 - 12	destroyed
MW-10	6/10/91	UNK	4	UNK	12	2 - 12	destroyed
MW-11	6/10/91	UNK	2	UNK	12	2 - 12	destroyed
MW-12	6/10/91	UNK	4	UNK	12	2 - 12	destroyed
PZ-13	6/10/91	UNK	2	UNK	30	25 - 30	destroyed
MW-14	2/17/1995	HSA	2	0.015	13	3 - 13	destroyed
WO-1	1/14/1999	HSA	2	0.010	12	2 - 12	destroyed
CW-1	unknown	unknown	4	unknown	10	2 - 10	active
CW-2	unknown	unknown	4	unknown	8.8	1.8 - 8.8	active
CW-3	unknown	unknown	4	unknown	8.8	2.8 - 8.8	active
CW-4	unknown	unknown	4	unknown	unknown	unknown	destroyed
CW-5	unknown	unknown	2	unknown	8.8	2.8 - 8.8	active
CW-6	unknown	unknown	4	unknown	10	2 - 10	active
CW-7	unknown	unknown	2	unknown	8	2 - 8	active
CW-8	unknown	unknown	2	unknown	8	2 - 8	active
CW-9	unknown	unknown	2	unknown	9	2 - 9	active
CW-10	unknown	unknown	2	unknown	8	2 - 8	active
CW-11	unknown	unknown	2	unknown	9.4	2.4 - 9.4	active
CW-12	unknown	unknown	2	unknown	9	2 - 9	active
CW-13	unknown	unknown	2	unknown	8	2 - 8	active
MW-A	4/12/16	HSA	2	0.010	12	2 - 12	active
MW-B	4/12/16	HSA	2	0.010	12	2 - 12	active
MW-C	4/12/16	HSA	2	0.010	12	2 - 12	active
MW-D	4/12/16	HSA	2	0.010	12	2 - 12	active
MW-E	4/12/16	HSA	2	0.010	12	2 - 12	active
MW-F	4/25/16	HSA	2	0.010	12	2 - 12	active
MW-G	4/12/16	HSA	2	0.010	12	2 - 12	active
MW-H	9/27/16	HSA	2	0.010	12	2 - 12	active
MW-I	9/26/16	HSA	2	0.010	12	2 - 12	active
MW-J	9/26/16	HSA	2	0.010	12	2 - 12	active
MW-K	9/27/16	HSA	2	0.010	12	2 - 12	active
MW-L	1/12/21	HSA	2	0.010	12	2 - 12	active
MW-M	1/12/21	HSA	2	0.010	12	2 - 12	active
MW-N	1/12/21	HSA	2	0.010	12	2 - 12	active
MW-O	1/12/21	HSA	2	0.010	12	2 - 12	active
DW-1	6/8/16 - 6/9/16	HSA	2	UNK	35	30 - 35	active

UNK = Unknown
 HSA = Hollow Stem Auger

DPT = direct push technology
 ft-bls = feet below land surface

Source: CBI 2016; TERRRA-COM 2021

TABLE 3: GROUNDWATER ELEVATION SUMMARY

Facility Name: Speedway # 6893
 Address: 1508 79th Street, North Bay Village, FL 33141
 Project No.: 2020-0087

Facility ID: 13/8506324

WELL NO.	MW-1			MW-2			MW-3			MW-4			MW-5		
DIAMETER (in.)															
WELL DEPTH (ft.)															
SCREEN INTERVAL (ft-bls)															
TOC ELEVATION		5.90			6.26			5.65			5.38			6.64	
DATE	ELEV	DTW	FP	ELEV	DTW	FP	ELEV	DTW	FP	ELEV	DTW	FP	ELEV	DTW	FP
6/14/1991	2.92	2.98		2.78	3.48		2.94	2.71		2.96	2.42		3.12	3.52	
9/11/1991		2.69			3.02			2.41			2.14			3.33	

WELL NO.	MW-6			MW-7			MW-8			MW-9			MW-10		
DIAMETER (in.)															
WELL DEPTH (ft.)															
SCREEN INTERVAL (ft-bls)															
TOC ELEVATION		6.84			6.69			5.72			5.77			6.20	
DATE	ELEV	DTW	FP	ELEV	DTW	FP	ELEV	DTW	FP	ELEV	DTW	FP	ELEV	DTW	FP
6/14/1991	3.16	3.68		3.19	3.50		2.66	3.06		3.22	2.55		2.57	3.63	
9/11/1991		3.41			3.36			2.93			2.40			3.13	

WELL NO.	MW-11			MW-12											
DIAMETER (in.)															
WELL DEPTH (ft.)															
SCREEN INTERVAL (ft-bls)															
TOC ELEVATION		6.56			6.69										
DATE	ELEV	DTW	FP	ELEV	DTW	FP	DTW	ELE	FP	ELEV	DTW	FP	ELEV	DTW	FP
6/14/1991	2.96	3.60		3.13	3.56										
9/11/1991		3.34			3.38										

TABLE 3: GROUNDWATER ELEVATION SUMMARY

Facility Name: Speedway # 6893
 Address: 1508 79th Street, North Bay Village, FL 33141
 Project No.: 2020-0087

Facility ID: 13/8506324

WELL NO.	CW-1			CW-2			CW-3			CW-4			CW-5		
DIAMETER (in.)	4			4			4			4			2		
WELL DEPTH (ft.)	10			8.8			8.8			Unknown			8.8		
SCREEN INTERVAL (ft-bls)	2 - 10			1.8 - 8.8			2.8 - 8.8			Unknown			2.8 - 8.8		
TOC ELEVATION	14.38			14.50			14.80						14.80		
DATE	ELEV	DTW	FP	ELEV	DTW	FP	ELEV	DTW	FP	ELEV	DTW	FP	ELEV	DTW	FP
3/9/2016	11.43	2.95		11.82	2.68		12.07	2.73		ABANDONED			11.88	2.92	
4/11/2016	10.39	3.99		10.82	3.68		11.20	3.60					10.88	3.92	
4/28/2016															
6/15/2016															
10/4/16 (High Tide A.M.)	12.25	2.13		12.67	1.83		13.00	1.80					12.72	2.08	
10/4/16 (Low Tide P.M.)	11.86	2.52		12.27	2.23		12.60	2.20					12.26	2.54	
12/6/2016															
11/24/2020	11.52	2.86		11.93	2.57		12.36	2.44					11.93	2.87	
1/20/2021	10.65	3.73		11.04	3.46		11.42	3.38					11.13	3.67	

WELL NO.	CW-6			CW-7			CW-8			CW-9			CW-10		
DIAMETER (in.)	4			2			2			2			2		
WELL DEPTH (ft.)	10			8			8			9			8		
SCREEN INTERVAL (ft-bls)	2 - 10			2 - 8			2 - 8			2 - 9			2 - 8		
TOC ELEVATION	14.58			15.1			15.16			14.98			14.88		
DATE	ELEV	DTW	FP	ELEV	DTW	FP	ELEV	DTW	FP	ELEV	DTW	FP	ELEV	DTW	FP
3/9/2016	11.96	2.62		11.47	3.63			4.55	1.20	11.51	3.47		11.58	3.30	
4/11/2016	10.82	3.76		11.29	3.81		11.58	3.58		11.25	3.73		11.28	3.60	
4/28/2016								4.46	0.99						
6/15/2016															
10/4/16 (High Tide A.M.)	12.67	1.91		12.40	2.70		12.46	2.70					12.43	2.45	
10/4/16 (Low Tide P.M.)	12.22	2.36		12.51	2.59		12.40	2.76		12.47	2.51		12.48	2.40	
12/6/2016								3.66	0.05						
11/24/2020	11.97	2.61		12.33	2.77		12.71	2.45	trace	12.41	2.57		12.38	2.50	
1/20/2021	11.08	3.50		11.58	3.52		11.03	4.13	0.74	11.96	3.02		12.01	2.87	

TABLE 3: GROUNDWATER ELEVATION SUMMARY

Facility Name: Speedway # 6893
 Address: 1508 79th Street, North Bay Village, FL 33141
 Project No.: 2020-0087

Facility ID: 13/8506324

WELL NO.	CW-11			CW-12			CW-13			MW-14			MW-A		
DIAMETER (in.)	2			2			2			Unknown			2		
WELL DEPTH (ft.)	9.4			9			8			Unknown			12		
SCREEN INTERVAL (ft-bls)	2.4 - 9.4			2 - 9			2 - 8			Unknown			2 - 12		
TOC ELEVATION	14.56			15.06			14.64						14.77		
DATE	ELEV	DTW	FP	ELEV	DTW	FP	DTW	ELE	FP	ELEV	DTW	FP	ELEV	DTW	FP
3/9/2016	11.71	2.85		11.53	3.53		11.54	3.10		ABANDONED					
4/11/2016	11.28	3.28		11.27	3.79		11.12	3.52							
4/28/2016													11.42	3.35	
6/15/2016															
10/4/16 (High Tide A.M.)	12.71	1.85		12.50	2.56		12.42	2.22					13.42	1.35	
10/4/16 (Low Tide P.M.)	12.34	2.22		12.41	2.65		12.45	2.19					12.45	2.32	
12/6/2016															
11/24/2020	12.18	2.38		12.47	2.59		13.36	1.28					12.75	2.02	
1/20/2021	11.73	2.83		11.91	3.15		12.35	2.29					12.19	2.58	

WELL NO.	MW-B			MW-C			MW-D			MW-E			MW-F		
DIAMETER (in.)	2			2			2			2			2		
WELL DEPTH (ft.)	12			12			12			12			12		
SCREEN INTERVAL (ft-bls)	2 - 12			2 - 12			2 - 12			2 - 12			2 - 12		
TOC ELEVATION	15.05			14.8			14.95			14.67			15.6		
DATE	ELEV	DTW	FP	ELEV	DTW	FP	DTW	ELE	FP	ELEV	DTW	FP	ELEV	DTW	FP
3/9/2016															
4/11/2016															
4/28/2016	11.41	3.64		11.45	3.35		11.41	3.54		11.03	3.64		11.21	4.39	
6/15/2016															
10/4/16 (High Tide A.M.)	12.43	2.62		12.41	2.39		12.52	2.43		12.68	1.99		12.38	3.22	
10/4/16 (Low Tide P.M.)	12.47	2.58		12.49	2.31		12.38	2.57		12.27	2.40		12.33	3.27	
12/6/2016															
11/24/2020	12.38	2.67		12.45	2.35		12.37	2.58		11.97	2.70		12.01	3.59	
1/20/2021	11.89	3.16		11.92	2.88		11.60	3.35		11.11	3.56		11.46	4.14	

TABLE 3: GROUNDWATER ELEVATION SUMMARY

Facility Name: Speedway # 6893
 Address: 1508 79th Street, North Bay Village, FL 33141
 Project No.: 2020-0087

Facility ID: 13/8506324

WELL NO.	MW-G			MW-H			MW-I			MW-J			MW-K		
DIAMETER (in.)	2			2			2			2			2		
WELL DEPTH (ft.)	12			12			12			12			12		
SCREEN INTERVAL (ft-bls)	2 - 12			2 - 12			2 - 12			2 - 12			2 - 12		
TOC ELEVATION	15.44			15.03			14.69			14.64			14.18		
DATE	ELEV	DTW	FP	ELEV	DTW	FP	DTW	ELE	FP	ELEV	DTW	FP	ELEV	DTW	FP
3/9/2016															
4/11/2016															
4/28/2016	11.23	4.21													
6/15/2016															
10/4/16 (High Tide A.M.)	12.47	2.97		12.60	2.43		12.59	2.10		12.51	2.13			1.57	
10/4/16 (Low Tide P.M.)	12.36	3.08		12.65	2.38		12.67	2.02		12.54	2.10			1.58	
12/6/2016															
11/24/2020	12.39	3.05		12.81	2.22		12.98	1.71		12.85	1.79		12.37	1.81	
1/20/2021	11.98	3.46		12.23	2.80		12.37	2.32		12.24	2.40		11.80	2.38	

WELL NO.	MW-L			MW-M			MW-N			MW-O			DW-1		
DIAMETER (in.)	2			2			2			2			2		
WELL DEPTH (ft.)	12			12			12			12			35		
SCREEN INTERVAL (ft-bls)	2 - 12			2 - 12			2 - 12			2 - 12			30 - 35		
TOC ELEVATION	14.29			14.63			14.86			14.67			15.6		
DATE	ELEV	DTW	FP	ELEV	DTW	FP	DTW	ELE	FP	ELEV	DTW	FP	ELEV	DTW	FP
3/9/2016		NI			NI			NI			NI				
4/11/2016		NI			NI			NI			NI				
4/28/2016		NI			NI			NI			NI		11.21	4.39	
6/15/2016		NI			NI			NI			NI		11.54	4.06	
10/4/16 (High Tide A.M.)		NI			NI			NI			NI		14.31	1.29	
10/4/16 (Low Tide P.M.)		NI			NI			NI			NI		11.79	3.81	
12/6/2016		NI			NI			NI			NI				
11/24/2020		NI			NI			NI			NI		11.75	3.85	
1/20/2021	11.77	2.52		12.30	2.33		11.60	3.26		11.66	3.01		11.01	4.59	

Notes:

NI = Not Installed
 CNL = Could Not Locate
 NA = Not Applicable

NM = Not Measured
 TOC = Top of Casing
 UNK = Unknown

ELEV = elevation
 DTW = depth to water
 FP = free product

in. = inches
 ft. = feet
 ft-bls = feet below land surface

Source: CBI 2016; TERRA-COM 2020, 2021

TABLE 4: SOIL ANALYTICAL SUMMARY - VOAs, TRPHs and Metals

Facility Name: Speedway # 6893
 Address: 1508 79th Street, North Bay Village, FL 33141
 Project No.: 2020-0087

Facility ID: 13/8506324

Sample					EPA 6010							
ID	Date	Depth to Water (ft)	Depth (ft)	Net OVA Reading (ppm)	Arsenic	Cadmium	Chromium	Lead	Silver	Mercury	Selenium	Barium
LSCTLs (mg/kg)					*	7.5	38	*	17	2.1	5.2	1600
SCTLs (mg/kg)					2	82	210	400	410	3	440	120 **
NWALL #	9/2/1998	4.3	NA	NA	0.107	0.0286	0.360	0.71	0.0100 U	0.0100 U	0.0600 U	1.04
EWALL #	9/2/1998	4.3	NA	NA	1.15	0.0250	0.989	6.22	0.0100 U	0.0100 U	0.194	3.07
SWALL #	9/2/1998	4.3	NA	NA	5.97	0.0350	3.42	0.42	0.0128	0.0100 U	0.0600 U	5.65
WWALL #	9/2/1998	4.3	NA	NA	0.0723	0.0322	0.269	1.37	0.0100 U	0.0100 U	0.0600 U	0.695
SB-5R	4/12/2016	NA	1-2	2.4	NS	NS	NS	NS	NS	NS	NS	NS
SB-6R	4/12/2016	4	3-4	0.9	NS	NS	NS	NS	NS	NS	NS	NS
SB-7R	4/12/2016	4	0-1	0	NS	NS	NS	NS	NS	NS	NS	NS
SB-7R	4/12/2016	4	3-4	3.8	NS	NS	NS	NS	NS	NS	NS	NS
SB-8R	4/12/2016	4	3-4	628.4	NS	NS	NS	NS	NS	NS	NS	NS
SB-9R	4/12/2016	4	3-4	15.4	NS	NS	NS	NS	NS	NS	NS	NS
SB-10R	4/12/2016	4	3-4	24.3	NS	NS	NS	NS	NS	NS	NS	NS
SB-11R	4/12/2016	4	3-4	129.8	7.1	NS	NS	NS	NS	NS	NS	NS
SB-11RR	4/12/2016	4	0-1	NA	0.64	NS	NS	NS	NS	NS	NS	NS
SB-11RR	4/12/2016	4	3-4	NA	4.5	NS	NS	NS	NS	NS	NS	NS
SB-21-02 (2')	3/4/2021	NA	1-2	NA	6.2	NS	NS	NS	NS	NS	NS	NS
SB-15	9/26/2016	3.5	3-4	0.1	NS	NS	NS	NS	NS	NS	NS	NS
SB-16	9/26/2016	3.5	1-2	0.1	NS	NS	NS	NS	NS	NS	NS	NS
SB-20	12/6/2016	4	3-4	NA	3.1	NS	NS	NS	NS	NS	NS	NS
SB-21-04 (2')	3/4/2021	NA	1-2	NA	4.8	NS	NS	NS	NS	NS	NS	NS
SB-21	12/6/2016	4	3-4	NA	5.8	NS	NS	NS	NS	NS	NS	NS
SB-21-05 (2')	3/4/2021	NA	1-2	NA	6.2	NS	NS	NS	NS	NS	NS	NS
SB-22	12/6/2016	4	3-4	NA	7.6	NS	NS	NS	NS	NS	NS	NS
SB-21-03 (2')	3/4/2021	NA	1-2	NA	6.4	NS	NS	NS	NS	NS	NS	NS
SB-23	12/6/2016	4	3-4	NA	3.5	NS	NS	NS	NS	NS	NS	NS
SB-21-01 (2')	3/4/2021	NA	1-2	NA	8.6	NS	NS	NS	NS	NS	NS	NS
SB-20-01 (3-4')	1/12/2021	4	3-4	0	3.7	NS	NS	NS	NS	NS	NS	NS
SB-20-02 (3-4')	1/12/2021	4	3-4	0	5.0	NS	NS	NS	NS	NS	NS	NS
SB-20-03 (3-4')	1/12/2021	4	3-4	53	2.8	NS	NS	NS	NS	NS	NS	NS
SB-20-04 (3-4')	1/12/2021	4	3-4	0	4.8	NS	NS	NS	NS	NS	NS	NS

Notes:

NS = Not Sampled
 U = Not present at the limit of detection shown.
 L = Off scale high. Above calibration curve.
 ft = feet
 NR = Not Reported
 ppm = parts per million
 mg/kg = milligrams per kilogram
 I = The reported value is between the Method Detection Limit (MDL) and the Practical Quantitation Limit (PQL).

* = Benzene, Ethylbenzene, Total Xylenes, and MTBE concentrations, associated with samples SB-19-22 (3), SB-20-07(2), SB-19-23 (3), and SB-20-03(2) exceeded
 ** = based on acute toxicity considerations
 # = Sidewall samples collected from the former waste oil tank removed in 1998

Source: CBI 2016; TERRRA-COM 2021

TABLE 5: SOIL ANALYTICAL SUMMARY - PAHs

Facility Name: Speedway # 6893
 Address: 1508 79th Street, North Bay Village, FL 33141
 Project No.: 2020-0087

Facility ID: 13/8506324

Sample					EPA 8270																			
ID	Date	Depth to Water (ft)	Depth (ft)	Net OVA Reading (ppm)	Naphthalene	1-methylnaphthalene	2-methylnaphthalene	Acenaphthene	Acenaphthylene	Anthracene	Benzo(g,h,i)perylene	Fluoranthene	Fluorene	Phenanthrene	Pyrene	Benzo(a)pyrene	Benzo(a)anthracene	Benzo(b)fluoranthene	Benzo(k)fluoranthene	Chrysene	Dibenz(e,h)anthracene	Indeno(1,2,3-cd)pyrene	Benzo(a)pyrene Equivalent	
LSCTLs (mg/kg)					1.2	3.1	8.5	2.1	27	2,500	32,000	1,200	160	250	880	8	0.8	2.4	24	77	0.7	6.6	-	
SCTLs (mg/kg)					55	200	210	2,400	1,800	21,000	2,500	3,200	2,600	2,200	2,400	0.1	#	#	#	#	#	#	0.1	
NWALL #	9/2/1998	NA	NA	NA	0.00500 U	0.00500 U	0.00500 U	0.00500 U	0.00500 U	0.00500 U	0.00500 U	0.00500 U	0.00500 U	0.00500 U	0.00500 U	0.00500 U	0.00500 U	0.00500 U	0.00500 U	0.00500 U	0.00500 U	0.00500 U	0.00500 U	NC
EWALL #	9/2/1998	NA	NA	NA	0.00500 U	0.00500 U	0.00500 U	0.00500 U	0.00500 U	0.00500 U	0.00500 U	0.00500 U	0.00500 U	0.00500 U	0.00500 U	0.00500 U	0.00500 U	0.00500 U	0.00500 U	0.00500 U	0.00500 U	0.00500 U	0.00500 U	NC
SWALL #	9/2/1998	NA	NA	NA	0.00500 U	0.00500 U	0.00500 U	0.00500 U	0.00500 U	0.00500 U	0.00500 U	0.00500 U	0.00500 U	0.00500 U	0.00500 U	0.00500 U	0.00500 U	0.00500 U	0.00500 U	0.00500 U	0.00500 U	0.00500 U	0.00500 U	NC
WWALL #	9/2/1998	NA	NA	NA	0.00500 U	0.00500 U	0.00500 U	0.00500 U	0.00500 U	0.00500 U	0.00500 U	0.00500 U	0.00500 U	0.00500 U	0.00500 U	0.00500 U	0.00500 U	0.00500 U	0.00500 U	0.00500 U	0.00500 U	0.00500 U	0.00500 U	NC
SB-5R	4/12/2016	NA	1-2	2	0.110 U	0.110 U	0.110 U	0.110 U	0.110 U	0.069 U	0.0154 (I)	0.105 (I)	0.110 U	0.0713 (I)	0.106 (I)	0.0515 (I)	0.0451 (I)	0.08	0.0542 (I)	0.08	0.014 U	0.0202 (I)	0.10	
SB-6R	4/12/2016	4	3-4	1	0.030 U	0.030 U	0.030 U	0.030 U	0.030 U	0.019 U	0.0038 U	0.019 U	0.030 U	0.019 U	0.019 U	0.0038 U	0.0038 U	0.0047 (I)	0.0047 (I)	0.0038 (I)	0.0038 U	0.0038 U	0.00	
SB-7R	4/12/2016	4	0-1	0	0.110 U	0.147 (I)	0.277 (I)	0.110 U	0.110 U	0.070 U	0.014 U	0.070 U	0.110 U	0.070 U	0.070 U	0.0202 (I)	0.0168 (I)	0.0260 (I)	0.0164 (I)	0.0308 (I)	0.014 U	0.014 U	0.00	
SB-7R	4/12/2016	4	3-4	4	0.26	0.83	1.38	0.029 U	0.029 U	0.018 U	0.0036 U	0.0235 (I)	0.029 U	0.0424 (I)	0.0294 (I)	0.0125 (I)	0.0132 (I)	0.02	0.0086 (I)	0.03	0.0036 U	0.0036 U	0.00	
SB-8R	4/12/2016	4	3-4	628	0.140 U	0.140 U	0.140 U	0.140 U	0.140 U	0.089 U	0.0348 (I)	0.110 (I)	0.140 U	0.089 U	0.104 (I)	0.0421 (I)	0.0550 (I)	0.0508 (I)	0.0404 (I)	0.10	0.018 U	0.0348 (I)	0.10	
SB-9R	4/12/2016	4	3-4	15	0.150 U	0.150 U	0.150 U	0.150 U	0.150 U	0.093 U	0.019 U	0.093 U	0.150 U	0.093 U	0.093 U	0.0213 (I)	0.0224 (I)	0.0297 (I)	0.0203 (I)	0.0432 (I)	0.019 U	0.019 U	0.00	
SB-10R	4/12/2016	4	3-4	24	0.150 U	0.150 U	0.150 U	0.150 U	0.150 U	0.091 U	0.018 U	0.091 U	0.150 U	0.091 U	0.091 U	0.018 U	0.018 U	0.018 U	0.018 U	0.018 U	0.018 U	0.018 U	0.018 U	0
SB-11R	4/12/2016	4	3-4	130	0.120 U	0.120 U	0.120 U	0.120 U	0.120 U	0.072 U	0.014 U	0.072 U	0.120 U	0.072 U	0.072 U	0.014 U	0.014 U	0.014 U	0.014 U	0.0188 (I)	0.014 U	0.014 U	0	
SB-15	9/26/2016	3.5	1-2	0	0.029 U	0.029 U	0.029 U	0.029 U	0.029 U	0.018 U	0.0105 (I)	0.0230 (I)	0.029 U	0.018 U	0.018 U	0.0154	0.0128 (I)	0.0196	0.0154	0.0163	0.0037 U	0.0137 (I)	0.000	
SB-16	9/26/2016	3.5	1-2	0	0.029 U	0.029 U	0.029 U	0.029 U	0.029 U	0.018 U	0.036 U	0.018 U	0.029 U	0.018 U	0.018 U	0.036 U	0.036 U	0.036 U	0.036 U	0.036 U	0.036 U	0.036 U	0.000	

Notes:
 U = Not present at the limit of detection shown.
 I = The reported value is between the Method Detection Limit (MDL) and the Practical Quantitation Limit (PQL).
 L = Off scale high. Above calibration curve.
 ft = feet
 ppm = parts per million
 NA = Not Applicable
 Source: CBI 2016; TERRA-COM 2021

= Sidewall samples collected from the former waste oil tank removed in 1998
 * = Naphthalene concentration, associated with boring MW-18, exceeded its respective LSCTL, but was cleared via SPLP analyses (identified on Table 10); and is no longer considered in exceedance
 SCTL = Direct Exposure Residential Soil Cleanup Target Level, F.A.C. 62-777, Table II
 LSCTL = Leachability Soil Cleanup Target Level based on Groundwater Criteria, F.A.C. 62-777, Table II
BOLD = reported concentrationsns exceed either their respective LSCTL or SCTL
 mg/kg = milligrams per kilogram
 NC = Not Calculated

TABLE 6: GROUNDWATER MONITORING WELL ANALYTICAL SUMMARY - VOCs and Metals

Facility Name: Speedway # 6893

Facility ID: 13/8506324

Address: 1508 79th Street, North Bay Village, FL 33141

Project No.: 2020-0087

Sample Location	Date	EPA Method 8260B						8260	EPA 6010			
		Benzene	Toluene	Ethylbenzene	Total Xylenes	MTBE	EDB	1,2-Dichloroethane	Total Arsenic	Cadmium	Chromium	Total Lead
GCTL (ug/l)		1	40	30	20	20	0.02	3	10	5	100	15
NADC (ug/l)		100	400	300	200	200	2	300	100	50	1000	150
MW-1	1/10/1990	0.5 U	1.1	0.7	0.5 U	6.4	NS	NS	NS	NS	NS	NS
	6/14/1991	13	5.0 U	52	25	1700	NS	NS	NS	NS	NS	NS
	4/14/1993	0.8	1.0 U	0.9 U	1.0	1100	NS	NS	NS	NS	NS	NS
	7/21/1994	2.8	1.0 U	1.0 U	2.0 U	10 U	NS	NS	NS	NS	NS	NS
	8/22/1994	5.4	4.1	0.9 U	12	35	NS	NS	NS	NS	NS	NS
	1/30/1995	0.5 U	1.0 U	1.0 U	2.0 U	10 U	NS	NS	NS	NS	NS	NS
	2/25/2014	0.34 U	0.70 U	0.50 U	1.6 U	0.74 U	NS	NS	NS	NS	NS	NS
MW-2	1/10/1991	4.1	3	5.6	3.4	52.5	NS	NS	NS	NS	NS	NS
	6/14/1991	44	15	8.0 U	70	420	0.02 U	NS	NS	NS	NS	4.4
	4/14/1993	140	50 U	800	2000	250 U	NS	NS	NS	NS	NS	NS
	8/22/1994	33	11	830	1200	37	NS	NS	NS	NS	NS	NS
	2/25/2014	0.34 U	0.70 U	0.50 U	1.6 U	0.74 U	NS	NS	NS	NS	NS	NS
MW-3	1/10/1991	2	6.4	515	327	24.2	NS	NS	NS	NS	NS	NS
	6/14/1991	2.1	0.5 U	4.8	2.4	1400	NS	NS	NS	NS	NS	NS
	8/22/1994	34	17	400	130	36	NS	NS	NS	NS	NS	NS
	2/25/2014	0.34 U	0.70 U	1.3	3.5 l	0.74 U	NS	NS	NS	NS	NS	NS
MW-4	6/14/1991	0.2 U	0.5 U	0.8 U	1.7 U	250	NS	NS	NS	NS	NS	NS
	4/14/1993	0.6 U	1.0 U	0.9 U	0.9 U	120	NS	NS	NS	NS	NS	NS
	8/22/1994	0.6 U	1.0 U	1.9	0.9 U	7.9	NS	NS	NS	NS	NS	NS
	2/25/2014	0.34 U	0.70 U	0.50 U	1.6 U	0.74 U	NS	NS	NS	NS	NS	NS
MW-5	12/20/1990	2.8	NR	NR	374.6	NS	NS	NS	NS	NS	NS	NS
	1/10/1991	0.5 U	1.3	30.5	68.6	15.4	NS	NS	NS	NS	NS	NS
	6/14/1991	180	50 U	580	240	80 U	NS	NS	NS	NS	NS	NS
	4/14/1993	6.0 U	10 U	1700	180	25 U	NS	NS	NS	NS	NS	NS
	8/22/1994	3.0 U	5.0 U	440	12	25 U	NS	NS	NS	NS	NS	NS
MW-6	6/14/1991	30	6.4	55	16	79	NS	NS	NS	NS	NS	NS
	4/14/1993	3.0 U	5.0 U	17	4.5	25 U	NS	NS	NS	NS	NS	NS
	8/22/1994	0.6 U	1.0 U	2.0	0.9 U	18	NS	NS	NS	NS	NS	NS
MW-7	6/14/1991	18	80	6.9	9.1	96	NS	NS	NS	NS	NS	NS
	8/22/1994	0.6 U	1.0	0.9 U	0.9 U	11	NS	NS	NS	NS	NS	NS
MW-8	6/14/1991	0.2 U	0.5 U	12	12	10	NS	NS	NS	NS	NS	NS
	4/14/1993	1.0 U	1.0 U	0.9	0.9 U	8.6	NS	NS	NS	NS	NS	NS
	8/22/1994	0.6 U	1.0 U	0.9 U	0.9 U	8.3	NS	NS	NS	NS	NS	NS
MW-9	6/14/1991	6	3.4	19	4.8	8.8	0.02 U	NS	NS	NS	NS	2.6
	4/14/1993	0.5 U	1.0 U	0.9 U	0.9 U	5.0 U	NS	NS	NS	NS	NS	NS
	7/21/1994	2.1	BDL	BDL	BDL	BDL	NS	NS	NS	NS	NS	NS
	8/22/1994	0.6 U	1.0 U	0.9 U	0.9 U	5.0 U	NS	NS	NS	NS	NS	NS
	1/30/1995	1.3	1.0 U	1.0 U	2.0 U	10 U	NS	NS	NS	NS	NS	NS

TABLE 6: GROUNDWATER MONITORING WELL ANALYTICAL SUMMARY - VOCs and Metals

Facility Name: Speedway # 6893

Facility ID: 13/8506324

Address: 1508 79th Street, North Bay Village, FL 33141

Project No.: 2020-0087

Sample Location	Date	EPA Method 8260B						8260	EPA 6010			
		Benzene	Toluene	Ethylbenzene	Total Xylenes	MTBE	EDB	1,2-Dichloroethane	Total Arsenic	Cadmium	Chromium	Total Lead
GCTL (ug/l)		1	40	30	20	20	0.02	3	10	5	100	15
NADC (ug/l)		100	400	300	200	200	2	300	100	50	1000	150
MW-10	6/14/1991	99	8	2300	1000	250	0.02 U	NS	NS	NS	NS	5
	4/14/1993	32	5.0 U	4.5 U	7.0	44	NS	NS	NS	NS	NS	NS
	8/22/1994	6	7	170	7.5	42	NS	NS	NS	NS	NS	NS
MW-11	6/14/1991	3.1	1.5	0.8 U	2.4	4.4	NS	NS	NS	NS	NS	NS
	8/22/1994	0.6 U	1.0 U	0.9 U	0.9 U	5.0 U	NS	NS	NS	NS	NS	NS
MW-12	6/14/1991	0.2 U	0.5 U	0.8 U	1.7 U	0.8 U	NS	NS	NS	NS	NS	NS
	8/22/1994	0.6 U	1.0 U	0.9 U	0.9 U	5.0 U	NS	NS	NS	NS	NS	NS
PZ-13	6/14/1991	0.2 U	0.5	0.8 U	1.7 U	22	0.02 U	NS	NS	NS	NS	1.0 U
	4/14/1993	0.6 U	1.0 U	0.9 U	0.9 U	9.7	NS	NS	NS	NS	NS	NS
	8/22/1994	0.6 U	1.0 U	0.9 U	0.9 U	5.0 U	NS	NS	NS	NS	NS	NS
MW-14	3/8/1995	0.6 U	3.6	0.9 U	0.9 U	5.0 U	NS	NS	NS	NS	NS	NS
WO-1	6/10/1999	23.7	5.0 U	5.0 U	175	NS	0.02 U	5.0 U	33.0	1.0 U	5.0 U	3.0 U
NW-1	2/25/2014	0.34 U	0.70 U	1.3	3.6 l	1.9	NS	NS	NS	NS	NS	NS
NW-2	2/25/2014	0.34 U	0.70 U	0.50 U	1.6 U	0.74 U	NS	NS	NS	NS	NS	NS
CW-1	3/9/2016	0.20 U	0.20 U	0.25 U	0.56 U	0.20 U	NS	NS	NS	NS	NS	NS
	1/21/2021	0.30 U	0.33 U	0.30 U	2.1 U	4.4 U	0.0076 U	0.27 U	NS	NS	NS	4.6 U
CW-2	3/9/2016	0.20 U	0.20 U	0.25 U	0.56 U	0.35 (l)	NS	NS	NS	NS	NS	NS
	1/21/2021	0.30 U	0.33 U	0.30 U	2.1 U	4.4 U	0.0072 U	0.27 U	NS	NS	NS	4.6 U
CW-3	3/9/2016	0.20 U	0.20 U	0.25 U	0.56 U	0.20 U	NS	NS	NS	NS	NS	NS
	1/21/2021	0.30 U	0.33 U	0.30 U	2.1 U	4.4 U	0.0074 U	0.27 U	NS	NS	NS	4.6 U
CW-4	ABANDONED											
CW-5	3/9/2016	0.20 U	0.20 U	0.25 U	0.56 U	0.23 (l)	NS	NS	NS	NS	NS	NS
	1/20/2021	1.8	0.33 U	0.39 l	2.1 U	4.4 U	0.0076 U	0.27 U	NS	NS	NS	4.6 U
CW-6	3/9/2016	0.20 U	0.20 U	0.25 U	0.56 U	0.58 (l)	NS	NS	NS	NS	NS	NS
	10/14/2016	0.20 U	0.20 U	0.25 U	0.56 U	0.50 (l)	NS	NS	NS	NS	NS	NS
	1/21/2021	0.91 l	1.7	0.34 l	2.1 U	4.4 U	0.0074 U	0.27 U	NS	NS	NS	4.6 U
CW-7	3/10/2016	1.7	2.1	6.8	6.2	1.5	NS	NS	NS	NS	NS	NS
	1/20/2021	3.5	1.7	60.9	17.3	4.4 U	0.0074 U	0.27 U	NS	NS	NS	4.6 U
CW-8	3/10/2016	1.20 FT OF FREE FLOATING PRODUCT										
	4/28/2016	0.99 FT OF FREE FLOATING PRODUCT										
	10/14/2016	497	147	545	1000	2.0 U	NS	NS	NS	NS	NS	NS
	12/6/2016	283.313	96.578	382.244	1259.488	0.50 U	NS	0.829	NS	NS	NS	NS
	1/20/2021	0.74 FT OF FREE FLOATING PRODUCT										
CW-9	3/10/2016	0.20 U	0.20 U	0.25 U	0.56 U	0.20 U	NS	NS	NS	NS	NS	NS
	1/21/2021	0.30 U	0.33 U	0.30 U	2.1 U	4.4 U	0.0075 U	0.27 U	NS	NS	NS	4.6 U
CW-10	3/10/2016	0.20 U	0.20 U	0.25 U	0.56 U	0.62 (l)	NS	NS	NS	NS	NS	NS
	10/14/2016	0.20 U	0.20 U	0.25 U	0.56 U	0.42 (l)	NS	NS	NS	NS	NS	NS
	1/21/2021	0.30 U	0.33 U	0.30 U	2.1 U	4.4 U	0.0074 U	0.27 U	NS	NS	NS	4.6 U

TABLE 6: GROUNDWATER MONITORING WELL ANALYTICAL SUMMARY - VOCs and Metals

Facility Name: Speedway # 6893

Facility ID: 13/8506324

Address: 1508 79th Street, North Bay Village, FL 33141

Project No.: 2020-0087

Sample Location	Date	EPA Method 8260B						8260	EPA 6010			
		Benzene	Toluene	Ethylbenzene	Total Xylenes	MTBE	EDB	1,2-Dichloroethane	Total Arsenic	Cadmium	Chromium	Total Lead
GCTL (ug/l)		1	40	30	20	20	0.02	3	10	5	100	15
NADC (ug/l)		100	400	300	200	200	2	300	100	50	1000	150
CW-11	3/9/2016	0.20 U	0.20 U	49.7	0.56 U	0.20 U	NS	NS	NS	NS	NS	NS
	10/14/2016	0.20 U	0.20 U	11.6	0.56 U	0.20 U	NS	NS	NS	NS	NS	NS
	1/21/2021	0.30 U	0.33 U	2.7	2.1 U	4.4 U	0.0077 U	0.27 U	NS	NS	NS	4.6 U
CW-12	3/10/2016	0.20 U	0.20 U	0.25 U	0.56 U	0.20 U	NS	NS	NS	NS	NS	NS
	10/14/2016	0.20 U	0.20 U	0.25 U	0.56 U	0.75 (l)	NS	NS	NS	NS	NS	NS
	1/20/2021	0.30 U	0.33 U	0.30 U	2.1 U	4.4 U	0.0076 U	0.27 U	NS	NS	NS	4.6 U
CW-13	3/10/2016	2.6	0.70 (l)	94.9	157	0.20 U	NS	NS	NS	NS	NS	NS
	10/14/2016	2.2	1.1	31	11.7	1.7	NS	NS	NS	NS	NS	NS
	1/21/2021	1.5	1.3	4.2	5.6	4.4 U	0.0074 U	0.27 U	NS	NS	NS	4.6 U
MW-14		DESTROYED										
MW-A	4/28/2016	0.20 U	0.20 U	0.25 U	0.56 U	1.3	NS	0.28 U	3.9 (l)	0.20 U	1.0 U	1.1 U
	12/6/2016	NS	NS	NS	NS	NS	NS	NS	6.3 (l)	NS	NS	NS
	1/21/2021	0.30 U	0.33 U	0.30 U	2.1 U	4.4 U	0.0073 U	0.27 U	NS	NS	NS	4.6 U
MW-B	4/28/2016	0.20 U	0.20 U	0.78 (l)	0.58 (l)	32.6	0.0098 U	0.28 U	NS	NS	NS	1.1 U
	1/20/2021	0.30 U	0.33 U	0.30 U	2.1 U	4.4 U	0.0076 U	0.27 U	NS	NS	NS	4.6 U
MW-C	4/28/2016	0.20 U	0.20 U	0.25 U	0.56 U	2.60	NS	NS	NS	NS	NS	NS
	1/21/2021	0.30 U	0.33 U	0.30 U	2.1 U	4.4 U	0.0075 U	0.27 U	NS	NS	NS	4.6 U
MW-D	4/28/2016	0.20 U	0.20 U	0.62 (l)	0.56 U	11.70	0.0096 U	0.28 U	NS	NS	NS	1.1 U
	1/20/2021	0.30 U	0.33 U	0.30 U	2.1 U	4.4 U	0.0075 U	0.27 U	NS	NS	NS	4.6 U
MW-E	4/28/2016	0.20 U	0.20 U	0.25 U	0.56 U	0.61 (l)	0.0095 U	0.28 U	NS	NS	NS	1.1 U
	1/20/2021	0.30 U	0.33 U	0.30 U	2.1 U	4.4 U	0.0075 U	0.27 U	NS	NS	NS	4.6 U
MW-F	4/28/2016	0.20 U	0.20 U	0.25 U	0.56 U	0.37 (l)	NS	NS	NS	NS	NS	NS
	1/20/2021	0.30 U	0.33 U	0.30 U	2.1 U	4.4 U	0.0076 U	0.27 U	NS	NS	NS	4.6 U
MW-G	4/28/2016	0.20 U	0.20 U	0.25 U	0.56 U	0.20 U	NS	NS	NS	NS	NS	NS
	1/21/2021	0.30 U	0.33 U	0.30 U	2.1 U	4.4 U	0.0076 U	0.27 U	NS	NS	NS	4.6 U
MW-H	10/14/2016	0.20 U	0.20 U	0.25 U	0.56 U	0.20 U	NS	NS	NS	NS	NS	NS
	1/21/2021	0.30 U	0.71 l	0.30 U	2.1 U	4.4 U	0.0073 U	0.27 U	NS	NS	NS	4.6 U
MW-I	10/14/2016	0.20 U	0.20 U	0.25 U	0.56 U	0.20 U	NS	NS	NS	NS	NS	NS
	1/21/2021	0.30 U	0.33 U	0.30 U	2.1 U	4.4 U	0.0074 U	0.27 U	NS	NS	NS	4.6 U
MW-J	10/14/2016	0.20 U	0.20 U	0.26 (l)	0.56 U	0.20 U	NS	NS	NS	NS	NS	NS
	1/21/2021	0.30 U	0.33 U	0.30 U	2.1 U	4.4 U	0.0074 U	0.27 U	NS	NS	NS	4.6 U
MW-K	10/14/2016	0.20 U	0.20 U	0.25 U	0.56 U	0.23 (l)	NS	NS	NS	NS	NS	NS
	1/20/2021	0.30 U	0.33 U	0.30 U	2.1 U	4.4 U	0.0075 U	0.27 U	NS	NS	NS	4.6 U
MW-L	1/21/2021	0.30 U	0.33 U	0.30 U	2.1 U	4.4 U	0.0076 U	0.27 U	NS	NS	NS	4.6 U
MW-M	1/20/2021	0.30 U	0.33 U	0.30 U	2.1 U	4.4 U	0.0075 U	0.27 U	NS	NS	NS	4.6 U

TABLE 6: GROUNDWATER MONITORING WELL ANALYTICAL SUMMARY - VOCs and Metals

Facility Name: Speedway # 6893

Facility ID: 13/8506324

Address: 1508 79th Street, North Bay Village, FL 33141

Project No.: 2020-0087

Sample Location	Date	EPA Method 8260B						8260	EPA 6010			
		Benzene	Toluene	Ethylbenzene	Total Xylenes	MTBE	EDB	1,2-Dichloroethane	Total Arsenic	Cadmium	Chromium	Total Lead
GCTL (ug/l)		1	40	30	20	20	0.02	3	10	5	100	15
NADC (ug/l)		100	400	300	200	200	2	300	100	50	1000	150
MW-N	1/20/2021	0.30 U	0.33 U	0.30 U	2.1 U	4.4 U	0.0075 U	0.27 U	NS	NS	NS	4.6 U
MW-O	1/20/2021	0.30 U	0.33 U	0.38 I	2.1 U	4.4 U	0.0075 U	0.27 U	NS	NS	NS	4.6 U
DW-1	6/15/2016	0.20 U	0.20 U	0.25 U	0.56 U	0.20 U	NS	NS	NS	NS	NS	NS
	10/14/2016	0.20 U	0.20 U	0.25 U	0.56 U	0.20 U	NS	NS	NS	NS	NS	NS
	1/20/2021	0.30 U	0.33 U	0.30 U	2.1 U	4.4 U	0.0073 U	0.27 U	NS	NS	NS	4.6 U

Notes:

L = reported value is off scale high, and is above the calibration curve. The actual value may be higher than the value given.

U = reported value is below method detection limit

\$ = Monitoring well MW-11 as installed adjacent to former monitoring well MW-5 and analytical results can be considered comparable.

NS = Not sampled for this constituent

NR = Not Reported

ND = Non Detect

All Analytical Results and Guidance Levels in ug/L

GCTLs = Groundwater Cleanup Target Levels specified in Table I of Chapter 62-777, F.A.C.

NADCs = Natural Attenuation Default Source Concentrations specified in Table V of Chapter 62-777, F.A.C.

BOLD = reported concentrations exceed either their respective LSCTL or SCTL

Source: CBI 2016; TERRRA-COM 2021

TABLE 7: GROUNDWATER MONITORING WELL ANALYTICAL SUMMARY - PAHs and TRPHs

Facility Name: Speedway # 6893
 Address: 1508 79th Street, North Bay Village, FL 33141
 Project No.: 2020-0087

Facility ID: 13/8506324

Sample Location	Date	EPA 8310 or 8270																		FL PRO	
		Naphthalene	1-Methylnaphthalene	2-Methylnaphthalene	Acenaphthene	Acenaphthylene	Anthracene	Benzo(g,h,i) pyrylene	Fluoranthene	Fluorene	Phenanthrene	Pyrene	Benzo(a)pyrene	Benzo(a)anthracene*	Benzo(b)fluoranthene	Benzo(k)fluoranthene*	Chrysene	Dibenz(a,h)anthracene*	Indeno(1,2,3-c,d)pyrene*		TRPH
GCTL (ug/l)		14	28	28	20	210	2100	210	280	280	210	210	0.2	0.05	0.05	0.5	4.8	0.005	0.05	5000	
NADC (ug/l)		140	280	280	200	2100	21000	2100	2800	2800	2100	2100	20	5	5	50	480	.5	5	50000	
MW-1	1/10/1990	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	1000 U
	9/11/1991	9.0	1.8 U	1.8 U	1.8 U	2.3 U	0.66 U	0.08	0.21 U	0.21 U	0.64 U	0.27 U	0.023 U	0.113 U	0.018 U	0.017 U	0.15 U	0.076 U	0.06	NS	
	4/14/1993	1.4 U	1.4 U	1.2 U	1.7 U	3.1 U	0.2 U	0.40 U	0.4 U	0.3 U	0.2 U	0.20 U	0.2 U	0.2 U	0.3 U	0.2 U	0.20 U	0.3 U	0.20 U	1000 U	
	8/22/1994	26	3.8	3.2	5.4	23	0.2 U	0.4 U	0.4 U	0.3 U	0.2 U	0.2 U	0.2 U	0.2 U	0.3 U	0.2 U	0.2 U	0.3 U	0.2 U	1000 U	
MW-2	1/10/1990	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	1000 U
	6/14/1991	110	33	34	1.8 U	2.3 U	0.66 U	0.06	0.72	0.21 U	1.1	0.27 U	0.06	0.113 U	0.04	0.017 U	0.15 U	0.076 U	0.030 U	1400	
	4/14/1993	120	5.1	18.4	1.7 U	29	0.2 U	0.40 U	0.4 U	0.3 U	0.2 U	0.20 U	0.2 U	0.2 U	0.3 U	0.2 U	0.20 U	0.3 U	0.20 U	1000	
	8/22/1994	280	48	45	16	40	0.2	0.4 U	0.4 U	1.0	0.5	0.2 U	0.2 U	0.2 U	0.3 U	0.2 U	0.2 U	0.3 U	0.2 U	1000 U	
MW-3	1/10/1990	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	1000 U
	9/11/1991	180	14	9	23	2.3 U	0.66 U	0.10	0.21 U	0.21 U	0.64 U	0.27 U	0.023 U	0.113 U	0.12	0.06	0.15 U	0.076 U	0.06	NS	
	8/22/1994	230	19	27	8	29	0.2 U	0.4 U	0.4 U	0.4	0.2 U	0.2 U	0.2 U	0.2 U	0.3 U	0.2 U	0.2 U	0.3 U	0.2 U	1000 U	
MW-4	9/11/1991	8.3	1.8 U	1.8 U	4.7	2.3 U	0.66 U	0.14	0.28	0.21 U	0.64 U	0.27 U	0.023 U	0.113 U	0.12	0.017 U	0.15 U	0.076 U	0.08	NS	
	4/14/1993	1.4 U	1.4 U	1.2 U	1.7 U	3.1 U	0.2 U	0.40 U	0.4 U	0.3 U	0.2 U	0.20 U	0.2 U	0.2 U	0.3 U	0.2 U	0.20 U	0.3 U	0.20 U	1000 U	
	8/22/1994	1.8	1.4 U	1.2 U	1.7 U	3.1 U	0.2 U	0.4 U	0.4 U	0.3 U	0.2 U	0.2 U	0.2 U	0.2 U	0.3 U	0.2 U	0.2 U	0.3 U	0.2 U	1000 U	
MW-5	1/10/1990	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	1000 U
	9/11/1991	1,100	400	990	1.8 U	91	19	2.8	51	0.21 U	34	22	3.1	0.113 U	3.6	11	17	1.0	0.66	NS	
	4/14/1993	86	11	34	1.7 U	14	0.2 U	0.40 U	0.4 U	0.3 U	0.2 U	0.20 U	0.2 U	0.2 U	0.3 U	0.2 U	0.20 U	0.3 U	0.20 U	2000	
	8/22/1994	140	50	100	27	49	0.5	0.8	1.1	1.7	1.2	0.7	0.2 U	0.5	0.3 U	0.2 U	1.8	0.3 U	0.2 U	1000	
MW-6	9/11/1991	92	38	79	22	9.6	0.92	0.16	1.7	0.21 U	2	0.76	0.26	0.54	0.38	0.66	0.60	0.076 U	0.06	NS	
	4/14/1993	12	5.7	16	1.7 U	8.2	0.2 U	0.40 U	0.4 U	0.3 U	0.2 U	0.20 U	0.2 U	0.2 U	0.3 U	0.2 U	0.20 U	0.3 U	0.20 U	1000 U	
	8/22/1994	3.9	5.0	14	7.3	4.6	0.40	0.4 U	0.97	0.7	0.7	0.6	0.3	0.2 U	0.2	0.2	0.3	0.3 U	0.3	1000 U	
MW-7	9/11/1991	310	12	22	13	11	0.66 U	0.043 U	0.21 U	4.8	0.64 U	0.27 U	0.023 U	0.113 U	0.018 U	0.017 U	0.15 U	0.076 U	0.030 U	NS	
	8/22/1994	1.4 U	1.4 U	1.2 U	1.7 U	3.1 U	0.2 U	0.4 U	0.4 U	0.3 U	0.2 U	0.2 U	0.2 U	0.2 U	0.3 U	0.2 U	0.2 U	0.3 U	0.2 U	1000 U	

TABLE 7: GROUNDWATER MONITORING WELL ANALYTICAL SUMMARY - PAHs and TRPHs

Facility Name: Speedway # 6893
 Address: 1508 79th Street, North Bay Village, FL 33141
 Project No.: 2020-0087

Facility ID: 13/8506324

Sample Location	Date	EPA 8310 or 8270																		FL PRO
		Naphthalene	1-Methylnaphthalene	2-Methylnaphthalene	Acenaphthene	Acenaphthylene	Anthracene	Benzo(g,h,i) perylene	Fluoranthene	Fluorene	Phenanthrene	Pyrene	Benzo(a)pyrene	Benzo(a)anthracene*	Benzo(b)fluoranthene	Benzo(k)fluoranthene*	Chrysene	Dibenz(a,h)anthracene*	Indeno(1,2,3-c,d)pyrene*	TRPH
GCTL (ug/l)		14	28	28	20	210	2100	210	280	280	210	210	0.2	0.05	0.05	0.5	4.8	0.005	0.05	5000
NADC (ug/l)		140	280	280	200	2100	21000	2100	2800	2800	2100	2100	20	5	5	50	480	.5	5	50000
MW-8	9/11/1991	1.8 U	1.8 U	1.8 U	1.8 U	2.3 U	0.66 U	0.043 U	0.21 U	0.21 U	0.64 U	0.27 U	0.023 U	0.113 U	0.018 U	0.017 U	0.15 U	0.076 U	0.030 U	200
	4/13/1993	1.4 U	1.4 U	1.2 U	1.7 U	3.1 U	0.2 U	0.40 U	0.4 U	1.6	0.2 U	0.20 U	0.2 U	0.2 U	0.3 U	0.2 U	0.20 U	0.3 U	0.20 U	1000 U
	8/22/1994	3.5	13	3.3	1.7 U	3.1 U	0.5	0.4 U	1.5	5.5	2.0	1.7	0.4	0.2 U	0.3 U	0.2 U	0.2 U	0.3 U	0.2 U	16000
MW-9	6/14/1991	7.5	2.7	2.3	1.8 U	2.3 U	0.66 U	0.043 U	0.32	0.40	0.64 U	0.27 U	0.04	0.113 U	0.02	0.017 U	0.15 U	0.076 U	0.030 U	1100
	4/14/1993	1.4 U	1.4 U	1.2 U	1.7 U	3.1 U	0.2 U	0.40 U	0.4 U	0.3 U	0.2 U	0.20 U	0.2 U	0.2 U	0.3 U	0.2 U	0.20 U	0.3 U	0.20 U	1000 U
	8/22/1994	1.4 U	1.4 U	1.2 U	1.7 U	3.1 U	0.2 U	0.4 U	0.4 U	0.3 U	0.2 U	0.2 U	0.2 U	0.2 U	0.3 U	0.2 U	0.2 U	0.3 U	0.2 U	1000 U
MW-10	6/14/1991	2,200	220	520	1.8 U	2.3 U	1.30	0.043 U	0.86	0.21 U	4.50	0.27 U	0.04	0.113 U	0.018 U	0.06	0.15 U	0.076 U	0.030 U	5700
	4/14/1993	390	31	76	1.7 U	180	0.2 U	0.40 U	0.4 U	0.3 U	0.4	0.20 U	0.2 U	0.2 U	0.3 U	0.2 U	0.20 U	0.3 U	0.20 U	1000 U
	8/22/1994	860	170	310	86	190	0.4	0.4 U	0.5	3.6	1.4	0.2 U	0.2 U	0.2 U	0.3 U	0.2 U	0.2 U	0.3 U	0.2 U	1000 U
MW-11	9/11/1991	60	9.4	12	4.5	3.4	0.66 U	0.043 U	0.21 U	0.21 U	0.64 U	0.27 U	0.023 U	0.113 U	0.018 U	0.017 U	0.15 U	0.076 U	0.030 U	NS
	8/22/1994	11	5.5	6	2.0	43	0.2 U	0.4 U	0.4 U	0.3 U	0.2 U	0.2 U	0.2 U	0.2 U	0.3 U	0.2 U	0.2 U	0.3 U	0.2 U	1000 U
MW-12	9/11/1991	1.8 U	1.8 U	1.8 U	1.8 U	2.3 U	0.66 U	0.043 U	0.21 U	0.21 U	0.64 U	0.27 U	0.023 U	0.113 U	0.018 U	0.017 U	0.15 U	0.076 U	0.030 U	NS
	8/22/1994	1.4 U	1.4 U	1.2 U	1.7 U	3.1 U	0.2 U	0.4 U	0.4 U	0.3 U	0.2 U	0.2 U	0.2 U	0.2 U	0.3 U	0.2 U	0.2 U	0.3 U	0.2 U	1000 U
PZ-13	6/14/1991	1.8 U	1.8 U	1.8 U	1.8 U	2.3 U	0.66 U	0.043 U	0.21 U	0.21 U	0.64 U	0.27 U	0.023 U	0.113 U	0.018 U	0.017 U	0.15 U	0.076 U	0.030 U	1000 U
	4/14/1993	1.4 U	1.4 U	1.2 U	1.7 U	3.1 U	0.2 U	0.40 U	0.4 U	0.3 U	0.2 U	0.20 U	0.2 U	0.2 U	0.3 U	0.2 U	0.20 U	0.3 U	0.20 U	1000 U
	8/22/1994	5.7	18	23	28	40	0.2 U	0.40 U	0.4 U	2.0	0.2 U	0.20 U	0.2 U	0.2 U	0.3 U	0.2 U	0.20 U	0.3 U	0.2 U	1000 U
MW-14	3/8/1995	2.8 U	5.7 U	2.8 U	2.6 U	5.1 U	0.13 U	0.45 U	0.4 U	0.7 U	0.18 U	0.14 U	0.2 U	0.13 U	0.21 U	0.05 U	0.2 U	1.0 U	0.11 U	5000 U
WO-1	1/15/1999	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	200 U
	6/10/1999	8.2	2.9	2.0 U	1.0 U	2.0 U	0.7 U	0.8 U	0.2 U	0.2 U	0.6 U	0.3 U	0.1 U	0.1 U	0.2 U	0.2 U	0.2 U	0.3 U	0.4 U	980

TABLE 7: GROUNDWATER MONITORING WELL ANALYTICAL SUMMARY - PAHs and TRPHs

Facility Name: Speedway # 6893
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 Project No.: 2020-0087

Facility ID: 13/8506324

Sample Location	Date	EPA 8310 or 8270																		FL PRO	
		Naphthalene	1-Methylnaphthalene	2-Methylnaphthalene	Acenaphthene	Acenaphthylene	Anthracene	Benzo(g,h,i) pyrylene	Fluoranthene	Fluorene	Phenanthrene	Pyrene	Benzo(a)pyrene	Benzo(a)anthracene*	Benzo(b)fluoranthene	Benzo(k)fluoranthene*	Chrysene	Dibenz(a,h)anthracene*	Indeno(1,2,3-c,d)pyrene*	TRPH	
GCTL (ug/l)		14	28	28	20	210	2100	210	280	280	210	210	0.2	0.05	0.05	0.5	4.8	0.005	0.05	5000	
NADC (ug/l)		140	280	280	200	2100	21000	2100	2800	2800	2100	2100	20	5	5	50	480	.5	5	50000	
CW-1	3/09/2016	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.20 U	0.032 U	0.20 U	0.20 U	0.20 U	0.20 U	0.032 U	0.032 U	0.032 U	0.032 U	0.032 U	0.032 U	0.032 U	0.032 U	140 U
	1/21/2021	0.29 U	0.19 U	0.68 U	0.040 U	0.030 U	0.043 U	0.15 U	0.018 U	0.088 U	0.16 U	0.032 U	0.12 U	0.055 U	0.027 U	0.16 U	0.026 U	0.13 U	0.12 U	770 U	
CW-2	3/09/2016	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.20 U	0.032 U	0.20 U	0.20 U	0.20 U	0.20 U	0.032 U	0.032 U	0.032 U	0.032 U	0.032 U	0.032 U	0.032 U	0.032 U	140 U
	1/21/2021	0.29 U	0.19 U	0.68 U	0.040 U	0.030 U	0.043 U	0.15 U	0.018 U	0.088 U	0.16 U	0.032 U	0.12 U	0.055 U	0.027 U	0.16 U	0.026 U	0.13 U	0.12 U	16300	
CW-3	3/09/2016	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.20 U	0.032 U	0.20 U	0.20 U	0.20 U	0.20 U	0.032 U	0.032 U	0.032 U	0.032 U	0.032 U	0.032 U	0.032 U	0.032 U	140 U
	1/21/2021	0.29 U	0.19 U	0.68 U	0.040 U	0.030 U	0.043 U	0.15 U	0.018 U	0.088 U	0.16 U	0.032 U	0.12 U	0.055 U	0.027 U	0.16 U	0.026 U	0.13 U	0.12 U	770 U	
CW-4	DESTROYED																				
CW-5	3/09/2016	0.30 U	0.30 U	0.30 U	0.30 U	0.30 U	0.19 U	0.030 U	0.19 U	0.19 U	0.19 U	0.19 U	0.030 U	0.030 U	0.030 U	0.030 U	0.030 U	0.030 U	0.030 U	0.030 U	140 U
	01/20/2021	0.46 I	0.76 I	0.68 U	0.11 I	0.030 U	0.043 U	0.15 U	0.027 I	0.088 U	0.16 U	0.032 U	0.12 U	0.055 U	0.027 U	0.16 U	0.026 U	0.13 U	0.12 U	750 U	
CW-6	3/09/2016	0.29 U	0.29 U	0.29 U	0.29 U	0.29 U	0.18 U	0.029 U	0.18 U	0.18 U	0.18 U	0.18 U	0.029 U	0.029 U	0.029 U	0.029 U	0.029 U	0.029 U	0.029 U	0.029 U	279
	10/14/2016	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.20 U	0.032 U	0.20 U	0.20 U	0.20 U	0.20 U	0.032 U	0.032 U	0.032 U	0.032 U	0.032 U	0.032 U	0.032 U	0.032 U	171 (I)
CW-7	3/10/2016	86.5	165	308	0.98	0.31 U	0.19 U	0.031 U	0.19 U	1.1	0.62 (I)	0.19 U	0.031 U	0.031 U	0.031 U	0.031 U	0.031 U	0.031 U	0.031 U	0.031 U	3730
	01/20/2021	14.5	73.1	123	0.46 I	0.030 U	0.077 I	0.15 U	0.020 I	0.55	0.34 I	0.032 U	0.12 U	0.055 U	0.027 U	0.16 U	0.026 U	0.13 U	0.12 U	2200	
CW-8	3/10/2016	1.20 FT OF FREE FLOATING PRODUCT																			
	4/28/2016	0.99 FT OF FREE FLOATING PRODUCT																			
	10/14/2016	220.0	48.3	92.4	0.32 U	0.32 U	0.20 U	0.032 U	0.20 U	0.25 (I)	0.20 U	0.20 U	0.032 U	0.032 U	0.032 U	0.032 U	0.032 U	0.032 U	0.032 U	0.032 U	7980
	01/20/2021	0.74 FT OF FREE FLOATING PRODUCT																			
CW-9	3/10/2016	0.32 U	0.8	0.59 (I)	0.32 U	0.32 U	0.20 U	0.032 U	0.20 U	0.20 U	0.20 U	0.20 U	0.032 U	0.032 U	0.032 U	0.032 U	0.032 U	0.032 U	0.032 U	0.032 U	150 U
	1/21/2021	0.29 U	0.19 U	0.68 U	0.040 U	0.030 U	0.043 U	0.15 U	0.018 U	0.088 U	0.16 U	0.032 U	0.12 U	0.055 U	0.027 U	0.16 U	0.026 U	0.13 U	0.12 U	740 U	
CW-10	3/10/2016	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.20 U	0.032 U	0.20 U	0.20 U	0.20 U	0.20 U	0.032 U	0.032 U	0.032 U	0.032 U	0.032 U	0.032 U	0.032 U	0.032 U	150 U
	10/14/2016	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.20 U	0.032 U	0.20 U	0.20 U	0.20 U	0.20 U	0.032 U	0.032 U	0.032 U	0.032 U	0.032 U	0.032 U	0.032 U	0.032 U	217 (I)

TABLE 7: GROUNDWATER MONITORING WELL ANALYTICAL SUMMARY - PAHs and TRPHs

Facility Name: Speedway # 6893
 Address: 1508 79th Street, North Bay Village, FL 33141
 Project No.: 2020-0087

Facility ID: 13/8506324

Sample Location	Date	EPA 8310 or 8270																		FL PRO	
		Naphthalene	1-Methylnaphthalene	2-Methylnaphthalene	Acenaphthene	Acenaphthylene	Anthracene	Benzo(g,h,i) pyrene	Fluoranthene	Fluorene	Phenanthrene	Pyrene	Benzo(a)pyrene	Benzo(a)anthracene*	Benzo(b)fluoranthene	Benzo(k)fluoranthene*	Chrysene	Dibenz(a,h)anthracene*	Indeno(1,2,3-c,d)pyrene*	TRPH	
GCTL (ug/l)		14	28	28	20	210	2100	210	280	280	210	210	0.2	0.05	0.05	0.5	4.8	0.005	0.05	5000	
NADC (ug/l)		140	280	280	200	2100	21000	2100	2800	2800	2100	2100	20	5	5	50	480	.5	5	50000	
CW-11	3/9/2016	130	88.1	66.9	0.46 (l)	0.32 U	0.20 U	0.032 U	0.20 U	0.30 (l)	0.27 (l)	0.20 U	0.032 U	0.032 U	0.032 U	0.032 U	0.032 U	0.032 U	0.032 U	0.032 U	1790
	10/14/2016	21.4	24.5	8.4	0.32 U	0.32 U	0.20 U	0.032 U	0.20 U	0.20 U	0.20 U	0.20 U	0.032 U	0.032 U	0.032 U	0.032 U	0.032 U	0.032 U	0.032 U	0.032 U	579
CW-12	3/10/2016	0.93	16	5.3	0.32 U	0.32 U	0.20 U	0.032 U	0.20 U	0.20 U	0.20 U	0.20 U	0.032 U	0.032 U	0.032 U	0.032 U	0.032 U	0.032 U	0.032 U	0.032 U	514
	10/14/2016	0.41 (l)	0.32 U	0.32 U	0.32 U	0.32 U	0.20 U	0.032 U	0.20 U	0.20 U	0.20 U	0.20 U	0.032 U	0.032 U	0.032 U	0.032 U	0.032 U	0.032 U	0.032 U	0.032 U	363
CW-13	3/10/2016	28.8	8.6	14.7	0.31 U	0.31 U	0.19 U	0.031 U	0.19 U	0.19 U	0.24 (l)	0.19 U	0.031 U	0.031 U	0.031 U	0.031 U	0.040 (l)	0.031 U	0.031 U	1460	
	10/14/2016	10.5	3.3	4.8	0.32 U	0.32 U	0.20 U	0.032 U	0.20 U	0.20 U	0.20 U	0.20 U	0.032 U	0.032 U	0.032 U	0.032 U	0.032 U	0.032 U	0.032 U	769	
	1/21/2021	3.1	1.6 l	2.8	0.040 U	0.030 U	0.043 U	0.15 U	0.018 U	0.088 U	0.16 U	0.032 U	0.12 U	0.055 U	0.027 U	0.16 U	0.026 U	0.13 U	0.12 U	2500	
MW-14		DESTROYED																			
MW-A	4/28/2016	0.30 U	0.30 U	0.30 U	0.30 U	0.30 U	0.19 U	0.030 U	0.19 U	0.19 U	0.19 U	0.19 U	0.030 U	0.030 U	0.030 U	0.030 U	0.030 U	0.030 U	0.030 U	0.030 U	144 (l)
	1/21/2021	0.29 U	0.19 U	0.68 U	0.040 U	0.030 U	0.043 U	0.15 U	0.018 U	0.088 U	0.16 U	0.032 U	0.12 U	0.055 U	0.027 U	0.16 U	0.026 U	0.13 U	0.12 U	750 U	
MW-B	4/28/2016	6.6	7.5	11.4	0.31 U	0.31 U	0.19 U	0.031 U	0.19 U	0.19 U	0.19 U	0.19 U	0.031 U	0.031 U	0.031 U	0.031 U	0.031 U	0.031 U	0.031 U	0.031 U	447
	01/20/2021	0.29 U	0.19 l	0.68 U	0.040 U	0.030 U	0.043 U	0.15 U	0.018 U	0.088 U	0.16 U	0.032 U	0.12 U	0.055 U	0.027 U	0.16 U	0.026 U	0.13 U	0.12 U	770 U	
MW-C	4/28/2016	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.20 U	0.032 U	0.20 U	0.20 U	0.20 U	0.20 U	0.032 U	0.032 U	0.032 U	0.032 U	0.032 U	0.032 U	0.032 U	0.032 U	377
	1/21/2021	0.29 U	0.19 U	0.68 U	0.040 U	0.030 U	0.043 U	0.15 U	0.018 U	0.088 U	0.16 U	0.032 U	0.12 U	0.055 U	0.027 U	0.16 U	0.026 U	0.13 U	0.12 U	760 U	
MW-D	4/28/2016	0.82	0.88	1.50	0.30 U	0.30 U	0.19 U	0.030 U	0.19 U	0.19 U	0.19 U	0.19 U	0.030 U	0.030 U	0.030 U	0.030 U	0.030 U	0.030 U	0.030 U	0.030 U	168 (l)
	01/20/2021	0.48 l	0.53 l	0.68 U	0.046 l	0.030 U	0.043 U	0.15 U	0.025 l	0.088 U	0.16 U	0.033 l	0.12 U	0.055 U	0.027 U	0.16 U	0.026 U	0.13 U	0.12 U	760 U	

TABLE 7: GROUNDWATER MONITORING WELL ANALYTICAL SUMMARY - PAHs and TRPHs

Facility Name: Speedway # 6893
 Address: 1508 79th Street, North Bay Village, FL 33141
 Project No.: 2020-0087

Facility ID: 13/8506324

Sample Location	Date	EPA 8310 or 8270																		FL PRO	
		Naphthalene	1-Methylnaphthalene	2-Methylnaphthalene	Acenaphthene	Acenaphthylene	Anthracene	Benzo(g,h,i) perylene	Fluoranthene	Fluorene	Phenanthrene	Pyrene	Benzo(a)pyrene	Benzo(a)anthracene*	Benzo(b)fluoranthene	Benzo(k)fluoranthene*	Chrysene	Dibenz(a,h)anthracene*	Indeno(1,2,3-c,d)pyrene*	TRPH	
GCTL (ug/l)		14	28	28	20	210	2100	210	280	280	210	210	0.2	0.05	0.05	0.5	4.8	0.005	0.05	5000	
NADC (ug/l)		140	280	280	200	2100	21000	2100	2800	2800	2100	2100	20	5	5	50	480	.5	5	50000	
MW-E	4/28/2016	0.30 U	0.63 (l)	0.72 (l)	0.30 U	0.30 U	0.19 U	0.030 U	0.19 U	0.19 U	0.19 U	0.19 U	0.030 U	0.030 U	0.030 U	0.030 U	0.030 U	0.030 U	0.030 U	0.030 U	140 U
	01/20/2021	0.29 U	0.19 U	0.68 U	0.040 U	0.030 U	0.043 U	0.15 U	0.018 U	0.088 U	0.16 U	0.032 U	0.12 U	0.055 U	0.027 U	0.16 U	0.026 U	0.13 U	0.12 U	750 U	
MW-F	4/28/2016	0.30 U	0.30 U	0.30 U	0.30 U	0.30 U	0.19 U	0.030 U	0.19 U	0.19 U	0.19 U	0.19 U	0.030 U	0.030 U	0.030 U	0.030 U	0.030 U	0.030 U	0.030 U	0.030 U	140 U
	01/20/2021	0.29 U	0.19 U	0.68 U	0.040 U	0.030 U	0.043 U	0.15 U	0.018 U	0.088 U	0.16 U	0.032 U	0.12 U	0.055 U	0.027 U	0.16 U	0.026 U	0.13 U	0.12 U	750 U	
MW-G	4/28/2016	0.30 U	0.30 U	0.30 U	0.30 U	0.30 U	0.19 U	0.030 U	0.19 U	0.19 U	0.19 U	0.19 U	0.030 U	0.030 U	0.030 U	0.030 U	0.030 U	0.030 U	0.030 U	0.030 U	140 U
	1/21/2021	0.29 U	0.19 U	0.68 U	0.040 U	0.030 U	0.043 U	0.15 U	0.018 U	0.088 U	0.16 U	0.032 U	0.12 U	0.055 U	0.027 U	0.16 U	0.026 U	0.13 U	0.12 U	740 U	
MW-H	10/14/2016	0.47 (l)	0.54 (l)	0.32 U	0.32 U	0.32 U	0.20 U	0.032 U	0.20 U	0.20 U	0.20 U	0.20 U	0.032 U	0.032 U	0.032 U	0.032 U	0.032 U	0.032 U	0.032 U	0.032 U	150 U
	1/21/2021	0.29 U	0.19 U	0.68 U	0.040 U	0.030 U	0.043 U	0.15 U	0.023 l	0.088 U	0.16 U	0.032 U	0.12 U	0.055 U	0.027 U	0.16 U	0.026 U	0.13 U	0.12 U	780 U	
MW-I	10/14/2016	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.20 U	0.032 U	0.20 U	0.20 U	0.20 U	0.20 U	0.032 U	0.032 U	0.032 U	0.032 U	0.032 U	0.032 U	0.032 U	0.032 U	150 U
	1/21/2021	0.29 U	0.19 U	0.68 U	0.040 U	0.030 U	0.043 U	0.15 U	0.018 U	0.088 U	0.16 U	0.032 U	0.12 U	0.055 U	0.027 U	0.16 U	0.026 U	0.13 U	0.12 U	760 U	
MW-J	10/14/2016	5.70	5.40	5.50	0.32 U	0.32 U	0.20 U	0.032 U	0.20 U	0.20 U	0.20 U	0.20 U	0.032 U	0.032 U	0.032 U	0.032 U	0.032 U	0.032 U	0.032 U	0.032 U	384
	1/21/2021	0.63 l	0.46 l	0.68 U	0.040 U	0.030 U	0.043 U	0.15 U	0.018 U	0.088 U	0.16 U	0.032 U	0.12 U	0.055 U	0.027 U	0.16 U	0.026 U	0.13 U	0.12 U	770 U	
MW-K	10/14/2016	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.20 U	0.032 U	0.20 U	0.20 U	0.20 U	0.20 U	0.032 U	0.032 U	0.032 U	0.032 U	0.032 U	0.032 U	0.032 U	0.032 U	150 U
	1/20/2021	0.29 U	0.19 U	0.68 U	0.040 U	0.030 U	0.043 U	0.15 U	0.018 U	0.088 U	0.16 U	0.032 U	0.12 U	0.055 U	0.027 U	0.16 U	0.026 U	0.13 U	0.12 U	740 U	

TABLE 7: GROUNDWATER MONITORING WELL ANALYTICAL SUMMARY - PAHs and TRPHs

Facility Name: Speedway # 6893
 Address: 1508 79th Street, North Bay Village, FL 33141
 Project No.: 2020-0087

Facility ID: 13/8506324

Sample Location	Date	EPA 8310 or 8270																		FL PRO
		Naphthalene	1-Methylnaphthalene	2-Methylnaphthalene	Acenaphthene	Acenaphthylene	Anthracene	Benzo(g,h,i) pyrylene	Fluoranthene	Fluorene	Phenanthrene	Pyrene	Benzo(a)pyrene	Benzo(a)anthracene*	Benzo(b)fluoranthene	Benzo(k)fluoranthene*	Chrysene	Dibenz(a,h)anthracene*	Indeno(1,2,3-c,d)pyrene*	TRPH
GCTL (ug/l)		14	28	28	20	210	2100	210	280	280	210	210	0.2	0.05	0.05	0.5	4.8	0.005	0.05	5000
NADC (ug/l)		140	280	280	200	2100	21000	2100	2800	2800	2100	2100	20	5	5	50	480	.5	5	50000
MW-L	1/21/2021	0.29 U	0.19 U	0.68 U	0.040 U	0.030 U	0.043 U	0.15 U	0.018 U	0.088 U	0.16 U	0.032 U	0.12 U	0.055 U	0.027 U	0.16 U	0.026 U	0.13 U	0.12 U	740 U
MW-M	1/20/2021	1.3 I	0.41 I	0.68 U	0.093 I	0.030 U	0.047 I	0.15 U	0.034 I	0.088 U	0.19 I	0.032 U	0.12 U	0.055 U	0.027 U	0.16 U	0.026 U	0.13 U	0.12 U	1100
MW-N	1/20/2021	0.29 U	0.19 U	0.68 U	0.056 I	0.030 U	0.043 U	0.15 U	0.023 I	0.088 U	0.16 U	0.032 U	0.12 U	0.055 U	0.027 U	0.16 U	0.026 U	0.13 U	0.12 U	750 U
MW-O	1/20/2021	0.89 I	9.1	11.1	0.13 I	0.030 U	0.043 U	0.15 U	0.018 U	0.11 I	0.16 U	0.032 U	0.12 U	0.055 U	0.027 U	0.16 U	0.026 U	0.13 U	0.12 U	870 I
DW-1	6/15/2016	20.10	12.90	6.40	5.10	0.32 U	0.20 (I)	0.032 U	0.20 U	0.37 (I)	1.70	0.20 U	0.032 U	0.032 U	0.032 U	0.032 U	0.032 U	0.032 U	0.032 U	140 U
	10/14/2016	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.20 U	0.032 U	0.20 U	0.20 U	0.20 U	0.20 U	0.032 U	0.032 U	0.032 U	0.032 U	0.032 U	0.032 U	0.032 U	150 U

Notes:

L = reported value is off scale high, and is above the calibration curve. The actual value may be higher than the value given * = See the October 12, 2004 "Guidance for the Selection of Analytical Methods and for the Evaluation of Practical Quantitation Limits" to determine how to evaluate data when the CTL is lower than the PQL
 U = reported value is below method detection limit
 NS = Not sampled for this constituent
 \$ = Monitoring well MW-11 as installed adjacent to former monitoring well MW-5 and analytical results can be considered comparable.
 All Analytical Results and Guidance Levels in ug/L
 Source: CBI 2016; TERRA-COM 2021
 GCTLs = Groundwater Cleanup Target Levels specified in Table I of Chapter 62-777, F.A.C.
 NADCs = Natural Attenuation Default Source Concentrations specified in Table V of Chapter 62-777, F.A.C.
BOLD = reported concentrations exceed either their respective LSCTL or SCTL

TABLE 8: GROUNDWATER MONITORING WELL ANALYTICAL SUMMARY - Other Contaminants

Facility Name: Speedway # 6893
 Address: 1508 79th Street, North Bay Village, FL 33141
 Project No.: 2020-0087

Facility ID: 13/8506324

Sample Location	Date	Trichloroethene	1,2,4-Tri-methyl-benzene	Cumene (Isopropyl benzene)
GCTLs (µg/L)		3	10	0.8
NADCs (µg/L)		300	100	8
MW-2	6/14/1991	0.50 U	NA	NA
MW-9	6/14/1991	0.50 U	NA	NA
MW-10	6/14/1991	0.50 U	NA	NA
PZ-13	6/14/1991	0.6	NA	NA
CW-1	1/21/2021	0.36 U	0.24 U	0.30 U
CW-2	1/21/2021	0.36 U	0.24 U	0.30 U
CW-3	1/21/2021	0.36 U	0.24 U	0.30 U
CW-5	1/20/2021	0.36 U	0.24 U	22.2
CW-6	1/21/2021	0.36 U	0.24 U	2.6
CW-7	1/20/2021	0.36 U	36.5	225
CW-9	1/21/2021	0.36 U	0.24 U	0.30 U
CW-10	1/21/2021	0.36 U	0.24 U	0.30 U
CW-11	1/21/2021	0.36 U	0.24 U	51.4
CW-12	1/20/2021	0.36 U	0.24 U	3.0
CW-13	1/21/2021	0.36 U	48.0	2.3
MW-A	1/21/2021	0.36 U	0.24 U	0.30 U
MW-B	1/20/2021	0.36 U	0.24 U	2.0
MW-C	1/21/2021	0.36 U	0.24 U	0.30 U
MW-D	1/20/2021	0.36 U	0.24 U	7.2
MW-E	1/20/2021	0.36 U	0.24 U	0.30 U
MW-F	1/20/2021	0.36 U	0.24 U	0.30 U
MW-G	1/21/2021	0.36 U	0.24 U	0.30 U
MW-H	1/21/2021	0.36 U	0.24 U	0.30 U
MW-I	1/21/2021	0.36 U	0.24 U	0.30 U
MW-J	1/21/2021	0.36 U	0.24 U	1.9
MW-K	1/20/2021	0.36 U	0.24 U	0.30 U
MW-L	1/21/2021	0.36 U	0.24 U	0.30 U
MW-M	1/20/2021	0.36 U	0.24 U	6.2
MW-N	1/20/2021	0.36 U	0.24 U	2.9
MW-O	1/20/2021	0.36 U	0.24 U	33.2
DW-1	1/20/2021	0.36 U	0.24 U	0.30 U

Notes:

NA = Not Available.

NS = Not Sampled.

GCTLs = Groundwater Cleanup Target Levels specified in Table I of Chapter 62-777, F.A.C.

NADCs = Natural Attenuation Default Source Concentrations specified in Table V of Chapter 62-777, F.A.C.

^ = These chemicals may be present in petroleum fuels but are not currently included in Table A of Chapter 62-770, F.A.C. (list of Petroleum Products' Contaminants of Concern), and therefore it is not required by rule that samples be analyzed for these chemicals. Summary columns have been provided for the circumstances in which these chemicals and others reported by the laboratory are detected, to comply with subparagraph 62-770.600(8)(a)25., F.A.C.

* = former unknown well located 8/11/16 at southeastern corner of main building

If an analyte is not detected, report the method detection limit [i.e., 0.01 U or ND(0.01)]; BDL or <0.01 are not acceptable].

Freshwater Surface Water (FSW), Marine Surface Water (MSW) and Groundwater of Low Yield/Poor Quality (LY/PQ) CTLs should be added to the base of the table as applicable.

Source: CBI 2016; TERRA-COM 2021

Appendix A:
Purchase Order and Schedule of Pay Items



Order No. B7CB83

Version Number: 1
 Internal Version: false
 Issued on Tue, 11 Aug, 2020
 Created on Tue, 11 Aug, 2020 by Ariba System

Supplier:

TERRA-COM Environmental Consulting, Inc.
 1120 NW 23rd Avenue
 Gainesville, FL 32609
 United States
 Phone: 1904-396-3070
 Fax: 1352-332-3838
 Contact: Stuart Castle

Ship To:

DEP-PETROLEUM RESTORATION PROGRAM
 BMC RM 420 MS 4575
 2600 BLAIR STONE RD
 TALLAHASSEE, FL 32399
 United States

Bill To:

DEP-PETROLEUM RESTORATION PROGRAM
 BMC RM 420 MS 4575
 2600 BLAIR STONE RD
 TALLAHASSEE, FL 32399
 United States

Deliver To:

Rafael Maldonado (Contracts)

Entity Description: Department of Environmental Protection
 Organization Code: 37450404555
 Object Code: 000000-131545
 Expansion Option: JG
 Exemption Status: No
 Exemption Reason?:

Item	Description	Part Number	Unit	Qty	Need By	Unit Price	Extended Amount
1	Contractor has been selected to perform a ...		Dollar	61,832.36	None	\$1.00000 USD	\$61,832.36000 USD

Contractor has been selected to perform a Site Assessment (SA) at the Speedway #6893, 1508 79th St Cswy, North Bay Village, Miami-Dade County, Florida, FAC ID 138506324. Attachment A, Scope of Work, attached to the purchase order (PO) describes the work to be completed by the Contractor. All work shall be performed in accordance with the terms of the Agency Term Contract (ATC). The PRP reference number for this project is 880-035A.

Attache

d hereto and made a part of this PO is Attachment B - Schedule of Pay Items and Other Related Documents. Pay Items are at or below the negotiated maximum rates included in the ATC. Contractor must submit the appropriate completed documents from Attachment B to the Site Manager with each deliverable, as instructed. Upon completion and approval of all work under this PO, Contractor shall submit a signed Release of Claims document, along with the final invoice. Contractor must include Subcontractor Utilization Report form, included as a tab on Attachment B, with each invoice.

The Department will retain 5% of the total amount of each payment made. Contractor may submit a request for release of retainage upon completion, and DEP approval of, all work performed under this PO.

The Department will evaluate the Contractor as specified in the Agency Term Contract.

The Contractor agrees to perform the services described in the PO in accordance with the terms of its ATC (as those terms may have been amended) which are in effect on date of issuance of the PO. The applicable ATC terms are available at the following URL: <https://facts.fldfs.com/Search/ContractDetail.aspx?AgencyId=370000&ContractId=GC880>

[com/Search/ContractDetail.aspx?AgencyId=370000&ContractId=GC880](https://facts.fldfs.com/Search/ContractDetail.aspx?AgencyId=370000&ContractId=GC880)

Distributors?: N

Requester: Rafael Maldonado (Contracts)

Ship To Code: DEP305S

State Contract ID:

Contract ID:

Requester Phone:

PR No.: PR11463130

MyGreenFlorida Content: N

Method of Procurement: J - Agency ITN [s 287.057(1) (c), F.S.]

Shipping Method: Best Way

FOB Code: INC-Dest

FOB Code Description: Destination freight paid by vendor and included in price. Title passes upon receipt. Vendor files any claims.

Encumber Funds: Yes

PO Start Date: Tue, 11 Aug, 2020

PO End Date: Mon, 3 May, 2021

Fiscal Year Indicator: 2021

PUI#: 3701

Site Code: 370000-12

Terms and Conditions: http://dms.myflorida.com/mfmp_PO_TC

P Card Order?: No

Total\$61,832.36000 USD

Comments

- Jordan Riedel (Contracts), 08/07/2020:
The following attachments are attached hereto and made a part of this Purchase Order.
Attachment A – Scope of Work
Attachment B – Schedule of Pay Items and Other Related Documents (Jordan Riedel (Contracts), Fri, 07 Aug, 2020)
- COMMENT by **Vicki Chatelain (Contracts)** on 08/11/2020
Note: Attachment B language appearing in upper right-hand corner titled "Without Handling Fee" is used by the program to identify the total cost less the 6% handling and MFMP fee on reimbursable items. This information is only used as a check point for PRP staff. The total PO amount for the project is the amount appearing in the "Total Extended Cost" section in the upper right-hand side of the spreadsheet. (Vicki Chatelain (Contracts), Tue, 11 Aug, 2020)

Attachments

- ATTACHMENT by **Jordan Riedel (Contracts)** on *Friday, August 7, 2020 at 12:34 PM*
AttachmentA-SOW-138506324-SA.pdf (225451 bytes)
- ATTACHMENT by **Jordan Riedel (Contracts)** on *Monday, August 10, 2020 at 12:50 PM*
AttachmentB-SPI-138506324-SA.xlsm (1388385 bytes)

**Petroleum Contamination Site Response Action Services
SCHEDULE OF PAY ITEMS INVOICE RATE SHEET**

Facility Name: SPEEDWAY #6893
 7-Digit Facility ID #: 8506324
 County: 13
 Region: South
 Site Manager Name: RAFAEL MALDONADO
 Site Manager Phone: (561)793-3849 Ext. 3904
 Site Manager Email: rmaldonado@ene.com

Contractor: TERRA-COM Environmental Consulting, Inc.
 CID #: 00559 Retainage %: 5% Purchase Order: B7CB83
 Contract #: GC880 FDEP Cost Share %: 100.00% Download Date: 7/17/20 9:45
 SPI ID #: 19497 Total Extended Cost: \$ 61,832.36 Assignment Type: CSF
 Without Handling Fee: \$ 61,802.36
 Transition Agreement: Yes No

PAY ITEM	DESCRIPTION	UNIT OF MEASURE	PO Rate Sheet			Previously Invoiced	This Invoice		Balance
			UNITS	NEGOTIATED ITEM PRICE	TOTAL EXTENDED PRICE	UNITS	UNITS	EXTENDED PRICE	UNITS
Task 1									
1-1.	File Review	Per Review	1	\$ 630.00	\$ 630.00	1	0	\$ -	0
1-2.	Site Health & Safety Plan	Per Site	1	\$ 372.00	\$ 372.00	1	0	\$ -	0
2-1.	Site Reconnaissance/Field Measurement Visit	Per Visit	1	\$ 667.69	\$ 667.69	1	0	\$ -	0
3-2.	Mobilization, Light Duty Vehicle (car or 1/2 ton truck) - > 100 miles each way	Per Round Trip	2	\$ 900.00	\$ 1,800.00	1	0	\$ -	1
8-7.	Water Level or Free Product Gauging	Per Well	23	\$ 27.17	\$ 624.91	23	0	\$ -	0
20-6.	Scientist/Technical Specialist (Key)	Per Hour	2	\$ 93.77	\$ 187.54	2	0	\$ -	0
		RETAINAGE			\$ 214.11	\$ 169.11		\$ -	\$ 45.00
		SUBTOTAL			\$ 4,282.14	\$ 3,382.14		\$ -	\$ 900.00
Task 2									
1-4.	Permit Fees (actual fee only, cost to obtain permit is included in applicable pay items)	Reimbursable*	500	\$ 1.00	\$ 500.00	95	0	\$ -	405
1-7.	6% Handling Fee for Cost Reimbursable Items	% Surcharge	500	\$ 0.06	\$ 30.00	95	0	\$ -	405
3-2.	Mobilization, Light Duty Vehicle (car or 1/2 ton truck) - > 100 miles each way	Per Round Trip	6	\$ 900.00	\$ 5,400.00	2	1	\$ 900.00	3
3-7.a.	DPT Rig and Support Vehicles Mobilization - ≤ 100 miles each way	Per Round Trip	1	\$ 668.43	\$ 668.43	1	0	\$ -	0
4-1.a.	Per Diem - For travel > 1 consecutive day (prorated in quarter day increments in accordance with 112.061, F.S.) - Travel Voucher required and quoted rate should be per person per day	Per Person, Per Day	6	\$ 80.00	\$ 480.00	6	0	\$ -	0
5-2.	Hand Auger Boring ≤ 10 foot total depth	Per Boring	11	\$ 220.50	\$ 2,425.50	4	5	\$ 1,102.50	2
5-3.a.	Direct Push Technology (DPT) Rig and Equipment	Full Day	1	\$ 1,884.02	\$ 1,884.02	1	0	\$ -	0
6-2.a.	Well Installation - 2 inch diameter (vertical)	Per Foot	56	\$ 41.33	\$ 2,314.48	48	0	\$ -	8
8-1.	Monitoring Well Sampling with Water Level, ≤ 100 foot depth	Per Well	27	\$ 225.00	\$ 6,075.00	27	0	\$ -	0
8-6.	Soil/Sediment Sample Collection	Per Sample	12	\$ 79.00	\$ 948.00	5	5	\$ 395.00	2
8-11.	Electronic Data Deliverables (EDD)	Per Sampling Event	4	\$ 157.50	\$ 630.00	2	1	\$ 157.50	1
9-8.	Soil, Total Recoverable Petroleum Hydrocarbons (FL-PRO)	Per Sample	1	\$ 72.76	\$ 72.76	0	0	\$ -	1
9-8.a.	Soil, TRPH Fractionation (MADEP-EPH/VP Method or TPHCWG Direct Method)	Per Sample	1	\$ 275.62	\$ 275.62	0	0	\$ -	1
9-11.	Soil, Arsenic (EPA 6010 or EPA 6020)	Per Sample	11	\$ 12.67	\$ 139.37	5	5	\$ 63.35	1
9-12.	Soil, Cadmium (EPA 6010 or EPA 6020)	Per Sample	1	\$ 12.67	\$ 12.67	1	0	\$ -	0
9-13.	Soil, Chromium (EPA 6010 or EPA 6020)	Per Sample	1	\$ 12.67	\$ 12.67	1	0	\$ -	0
9-14.	Soil, Lead (EPA 6010 or EPA 6020)	Per Sample	1	\$ 12.67	\$ 12.67	1	0	\$ -	0
9-15.	Soil, Toxicity Characteristic Leaching Procedure-Extraction Only (EPA 1311)	Per Sample	1	\$ 57.75	\$ 57.75	0	0	\$ -	1
9-30.	Water, Polycyclic Aromatic Hydrocarbons, including 1-methylnaphthalene + 2-methylnaphthalene (EPA 610 [HPLC], EPA 625, EPA 8270 or EPA 8310)	Per Sample	22	\$ 94.50	\$ 2,079.00	22	0	\$ -	0
9-31.	Water, EDB [1,2-dibromoethane or ethylene dibromide] (EPA 504.1 or EPA 8011)	Per Sample	27	\$ 44.96	\$ 1,213.92	27	0	\$ -	0
9-33.	Water, Priority Pollutant Volatile Organics (EPA 8260)	Per Sample	27	\$ 100.00	\$ 2,700.00	27	0	\$ -	0
9-36.	Water, Total Recoverable Petroleum Hydrocarbons (FL-PRO)	Per Sample	22	\$ 72.76	\$ 1,600.72	22	0	\$ -	0
9-41.	Water, Lead, Total (EPA 200.7, EPA 200.8, EPA 6010 or EPA 6020)	Per Sample	27	\$ 12.14	\$ 327.78	27	0	\$ -	0
9-79.	Water, EDC [1,2-dichloroethane] (EPA Method 8021 or 8260)	Per Sample	27	\$ 54.69	\$ 1,476.63	27	0	\$ -	0

**Petroleum Contamination Site Response Action Services
SCHEDULE OF PAY ITEMS INVOICE RATE SHEET**

PAY ITEM	DESCRIPTION	UNIT OF MEASURE	PO Rate Sheet			Previously Invoiced	This Invoice		Balance
			UNITS	NEGOTIATED ITEM PRICE	TOTAL EXTENDED PRICE	UNITS	UNITS	EXTENDED PRICE	UNITS
12-6.	Transport and Disposal of Petroleum Impacted Soil (includes drum)	Per Drum	7	\$ 202.33	\$ 1,416.31	2	0	\$ -	5
12-13.	Transport and Disposal of Petroleum Contact Water (includes drum)	Per Drum	5	\$ 205.35	\$ 1,026.75	0	0	\$ -	5
19-27.	Interim Assessment Report	Per Report	1	\$ 364.61	\$ 364.61	0	1	\$ 364.61	0
		RETAINAGE			\$ 1,707.23	\$ 1,224.40		\$ 149.15	\$ 333.68
		SUBTOTAL			\$ 34,144.66	\$ 24,488.06		\$ 2,982.96	\$ 6,673.64
Task 3									
1-3.	Notice of Discovery of Contamination Package (Initial or TPOC)	Per Package	1	\$ 315.93	\$ 315.93	0	0	\$ -	1
3-2.	Mobilization, Light Duty Vehicle (car or 1/2 ton truck) - > 100 miles each way	Per Round Trip	1	\$ 900.00	\$ 900.00	0	0	\$ -	1
8-1.	Monitoring Well Sampling with Water Level, ≤ 100 foot depth	Per Well	27	\$ 225.00	\$ 6,075.00	0	0	\$ -	27
8-11.	Electronic Data Deliverables (EDD)	Per Sampling Event	1	\$ 157.50	\$ 157.50	0	0	\$ -	1
9-30.	Water, Polycyclic Aromatic Hydrocarbons, including 1-methylnaphthalene + 2-methylnaphthalene (EPA 610 [HPLC], EPA 625, EPA 8270 or EPA 8310)	Per Sample	22	\$ 94.50	\$ 2,079.00	0	0	\$ -	22
9-31.	Water, EDB [1,2-dibromoethane or ethylene dibromide] (EPA 504.1 or EPA 8011)	Per Sample	27	\$ 44.96	\$ 1,213.92	0	0	\$ -	27
9-33.	Water, Priority Pollutant Volatile Organics (EPA 8260)	Per Sample	27	\$ 100.00	\$ 2,700.00	0	0	\$ -	27
9-36.	Water, Total Recoverable Petroleum Hydrocarbons (FL-PRO)	Per Sample	22	\$ 72.76	\$ 1,600.72	0	0	\$ -	22
9-41.	Water, Lead, Total (EPA 200.7, EPA 200.8, EPA 6010 or EPA 6020)	Per Sample	27	\$ 12.14	\$ 327.78	0	0	\$ -	27
9-79.	Water, EDC [1,2-dichloroethane] (EPA Method 8021 or 8260)	Per Sample	27	\$ 54.69	\$ 1,476.63	0	0	\$ -	27
12-13.	Transport and Disposal of Petroleum Contact Water (includes drum)	Per Drum	3	\$ 205.35	\$ 616.05	0	0	\$ -	3
19-3.	General Site Assessment Report	Per Report	1	\$ 3,221.08	\$ 3,221.08	0	0	\$ -	1
21-15.	P.G. or Qualified P.E. Review, Evaluation and Certification of a General Site Assessment Report	Per Report	1	\$ 340.30	\$ 340.30	0	0	\$ -	1
23-1.	Contingent Funding - Allowance only to be used as offset for field change orders	NOT BILLABLE	2381.65	\$ 1.00	\$ 2,381.65	n/a	n/a	n/a	2381.65
		RETAINAGE			\$ 1,170.28	\$ -		\$ -	\$ 1,170.28
		SUBTOTAL			\$ 23,405.56	\$ -		\$ -	\$ 23,405.56
		TOTAL COST			\$ 61,832.36	\$ 27,870.20		\$ 2,982.96	\$ 30,979.20
Owner Cost Share:						\$ -	\$ -	\$ -	\$ -
FDEP Cost Share:						\$ 61,832.36	\$ 27,870.20	\$ 2,982.96	\$ 30,979.20
Retainage:						\$ 3,091.62	\$ 1,393.51	\$ 149.15	\$ 1,548.96
FDEP Less Retainage:						\$ 58,740.74	\$ 26,476.69	\$ 2,833.81	\$ 29,430.24

Version: 11.0

Site Manager Approval: _____
 Print Name

 Signature

 Date of Review Letter

Appendix B: Site Photographs



Photo 1 – View of monitoring well MW-L.



Photo 2 – View of monitoring well MW-M.



Photo 3 – View of monitoring well MW-N.



Photo 4 – View of monitoring well MW-O.



Photo 5 – View of area of former waste oil tank area.



Photo 6 – View of drum storage area.

Appendix C:
Soil Borings & Monitoring Well Installation Field
Packet

11/1/71	Speedway 6893			
FAC ID	1508 79TH	1720 07	PH	P.M
138506324	1508 FL	22141	PHIL	HOFKON
P.O 87C883	2020 0087		LAB	FACG
1155	DEPART LAB	FLORA	PREVIOUS	SITE (AL GUARD)
1546	ARRIVE	MOTEL	HOLLYWOOD	FL. (AL GUARD)
VEHICLE	Dodge	800	PICKUP	

~~11/1/71~~

11/21/21

Speedway 6893

FAC ID

1505 79TH STREET PM 9 M

13850624

~~1505~~ FL 32141 Phil Hoffman

P.O. B7C383

2020 0087

LAB FAC

0555 AL GRANITE DEPARTS HOTEL VEHICLE

Dodge 1500 pickup

0625 ARRIVE @ SITE TO LOCATE WELLS PRIOR TO

DRILLING EVENT NOTIFIED STATE MGR.

1750 AL GRANITE DEPARTS SITE

1830 AL GRANITE ARRIVES HOTEL VEHICLE Dodge 1500 pickup

~~AG~~
11/21/21

11/3/21

Speedway 6883

FAC ID

1508 79TH ~~CL~~ ⁵⁷²⁰⁵⁷

P.M

138506324

~~104~~ FL 22141

PAUL HOFFKOW

P.O. B7C883

2020 0087

LAB- PACG

0620

AL GRANVILLE DEPARTS HOTEL

VEHICLE Dodge

1500 pick up

1048

RELINQUISHED SAMPLES PACG

CRANFORD BCH

1235

AL GRANVILLE ARRIVES P.M.B OFFICE

OFFICE

VEHICLE Dodge 1500 pick up

~~AD~~

11/3/20

Speedway # 6893 1/12/20 (133)

1508 29TH St ~~East~~ N. Bay Village, FL 33414

FAC ID # 13/B506224 PO # B7C88P

0630 LEAVE VERO BEACH, FL w/ 1 FORD F-150 (V-1)

0750 ARRIVE ON-SITE & MEET w/ ATC & SIGN LINES FOR PRIVATE UTILITY LOCATE PER ACCESS AGREEMENT.

0800 CONDUCT HAND OFF ATC SITE LINES & EARTH TECH DRILLING (ETD, ETD) ARRIVED w/ A MOBILE INTERNATIONAL B-37 DPT/COMBO RIG.

0805 LOCATE BORING/MW LOCATIONS & CLEAR "EACH LOCATION."

0900 BEGIN BORING MW-0 VIA HAND

0940 COMPLETE BORING MW-0 TO 12' BEGIN INSTALLING WELL MW-0 VIA HSA

1010 COMPLETE INSTALLING MW-0 TO 12' w/ 10' of 0.010" SCREEN BEGIN PURGING MW-0.

1035 COMPLETE PURGING MW-0.

1100 BEGIN BORING MW-N VIA HAND.

1145 COMPLETE BORING MW-N TO 12' BEGIN INSTALLING MW-N WELL

1115 BEGIN DRILLING SB-20-01 VIA HA

1/12/20

~~11/11/21~~ Speedway # 6893 1/12/21 (134)

1130 Complete boring SB-20-01 to 6'

1135 Begin boring SB-20-02 via HA.

1200 Complete boring SB-20-02 to 6'

1205 Begin boring SB-20-03 via HA.

1230 Complete boring SB-20-03 to 6'

1235 Complete MW-N install to 12' w/ 10' of 0.010" screen. Begin purging MW-N.

1306 Complete purging MW-N. ETD
SNOKE FOR LUNCH.

1310 Begin boring SB-20-04 via HA.

1330 Complete boring SB-20-04 to 6'

1400 Begin MW-L boring via HA + DIT.

1440 Complete MW-L to 12'. Begin install MW-L via HSA.

1520 Complete MW-L install to 12' w/ 10' of 0.010" screen. Begin purging MW-L.

1542 Complete purging MW-L.

1600 Begin MW-M boring via HA + DIT.

1620 Complete boring MW-M to 12'

Begin MW-M install via HSA.

~~1700~~ Complete MW-M to 12' w/ 10' of 0.010" screen.

1725 Begin purging.

151500 Complete purging. Cleanup site + leave
2000
1800
134 Arrive @ Vero Beach.

FIELD EVENT: Task 1

TERRA-COM FIELD TRIP PLAN APPROVAL FORM

PROJECT INFORMATION

Site Name: **Speedway 6893** *NY* *NY* Project #: **2020-0087**
 Site Address: **1508 79th St. ~~SW~~, North Bay Village, Miami, FL** *33141*
 Fac ID #: **13/8506324** Work Order #: **PO # B7CB83** Project Manager: **Phil Hoffken**

PROPOSED SCHEDULE

Activity ^a	Location	Planned Date
Soil Borings	On-site	1/11/2021
MW install	On-site	1/12/2021

^a Attach a detailed field schedule if necessary ^b Meeting may be waived, however, approvals are REQUIRED

FIELD FORMS (Please check all the forms included in field packet or log book)

Mandatory QA Forms	Field Forms (continued)
<input checked="" type="checkbox"/> Field Trip Plan Approval Form (i.e. this form) This form MUST ALWAYS be attached and signed <input checked="" type="checkbox"/> Field Activity Request Form (and if necessary) Add'l Instructions Form, Method Per Well Form <input checked="" type="checkbox"/> Field Trip Information Form (Site Location and, if known, team must be identified PRIOR to approval) <input checked="" type="checkbox"/> Field Sampling / Purging Equipment Checklist (include sampling equipment required for this field effort) <input checked="" type="checkbox"/> Equipment / Supplies Checklist (Use for all other field equipment and supplies)	<input checked="" type="checkbox"/> Well Construction and Development Data Form <input checked="" type="checkbox"/> Well Construction Diagram - Single Cased <input type="checkbox"/> Well Construction Diagram - Double Cased <input checked="" type="checkbox"/> Drum Inventory / Sampling Form <input type="checkbox"/> Well Inspection Form <input type="checkbox"/> Groundwater Mobile Lab Data Form <input type="checkbox"/> Soil Excavation Grid Form <input type="checkbox"/> UST/AST Closure Assessment Summary Sheet <input type="checkbox"/> Soil Grid Map <input checked="" type="checkbox"/> Sparging / Vapor Extraction System Data Form <input type="checkbox"/> Project Exposure Record <input type="checkbox"/> Daily Log <input checked="" type="checkbox"/> Weekly Equipment Usage Report <input checked="" type="checkbox"/> Incident Notification Form and Protocol/Procedures <input checked="" type="checkbox"/> Site and Station Location Map (Include aerial photo, tax map, etc., if available, and indicate sample points) <input type="checkbox"/> _____ <input type="checkbox"/> _____ <input type="checkbox"/> _____
Mandatory (if applicable) QA Forms <input checked="" type="checkbox"/> Field Equipment Calibration Form <input checked="" type="checkbox"/> Tailgate Safety Meeting Form - Always required even if you are alone. All visitors must also sign this form. <input checked="" type="checkbox"/> Field Decontamination Form - Check appropriate box for each piece of equipment that is deconned. <input checked="" type="checkbox"/> Chain-of-Custody Form(s) (Check if required, but keep forms with sample containers)	
Field Forms <input checked="" type="checkbox"/> Elevation Survey Worksheet <input checked="" type="checkbox"/> Groundwater / Hydrocarbon Level Data Form <input type="checkbox"/> Groundwater Sampling Log <input checked="" type="checkbox"/> Soil and/or Well Boring Log <input type="checkbox"/> Analytical Soil Sampling Data Form	

Utility Clearance Ticket # (Required for ALL Intrusive work): *PH*
N/A **005100679**

SIGNATURES (This form must be signed PRIOR to leaving for the field)

Prepared by: Philip Hoffken Jr.	Title: PM	Date: 1/7/2021
Reviewed by: <i>[Signature]</i>	Title: PM, TM, FTL, FSM	Date: 1/12/21
Reviewed by: <i>[Signature]</i>	Title: PM, QAM, FSM	Date: 1/13/21

PM-Project Manager, TM-Task Manager, FTL-Field Team Leader, FSM-Field Services Manager, QAM-QA Manager

TERRA-COM FIELD ACTIVITY REQUEST FORM

PROJECT INFORMATION

Project # / Site Name: **2020-0087 Speedway 6893**
 Site Address: **1508 79th St. ~~East~~, North Bay Village, ~~Miami~~, FL 33141**
 Fac ID # **13/8506324** | Work Order # **PO # B7CB83** | Project Manager: **Phil Hoffken**

ACTIVITIES

QTY *	Activity	QTY *	Activity
y	Drill Monitor Wells (Map attached? Y or N)		SYSTEM EXAMINATION
	Drill Soil Borings (Map attached? Y or N)		Gauge Recovery Well
y	Hand Auger Borings (Map attached? Y or N)		Gauge Recovery Tank
x	Develop Wells		Clean Probes
x	Measure Water Level & / or Product Thickness		Check Recovery System
	Bail Product from Monitor Wells		Sample System Influent / Effluent
x	Survey Monitor Wells		Clean & Organize Recovery Area
	Potable Well Survey		O&M Maintenance, Inspection, & Cleaning
	Area Use Survey		Other:
	Soil Excavation		Other:
	Soil Disposal		Other:
x	Drum Soil Cuttings		SAMPLES
	Well Abandonment		Groundwater Gasoline Analytical Group
	System Installation		Groundwater Kerosene Analytical Group
	Other:		Engineering Parameters (specify below)
			VES Influent - Method 18 in Air
			VES Effluent - Method 18 in Air
			Soil Samples
			OVA Screening / Head Space
			Field Parameters - -pH, C, T, DO
			Equipment Blanks, Pre-cleaned
			Equipment Blanks, Field-cleaned
			Trip Blanks
			Duplicate Samples
			Groundwater Samples:
			BTEX/MTBE
			PAHs
			TRPHs
			Tctal Lead
			EDB
			KAG
		x	Soil Samples:
			BTEX/MTBE
			PAHs
		1	TRPHs + TRPH Fractionation
			4 RCRA Metals
		5	Arsenic
			Other:
			Other:

* QTY = Quantity (check the box or indicate the number required)

SIGNATURES (This form must be signed PRIOR to leaving for the field)

Prepared by: **Philip Hoffken Jr.** Date: **1/7/2021**
 Field Checked by:  Date: **1/12/21**
 Reviewed by:  Date: **1/13/21**

TERRA-COM FIELD ACTIVITY REQUEST FORM (continued)

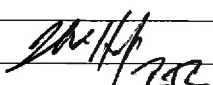

PROJECT INFORMATION

Project # / Site Name: **2020-0087^{AY} Speedway 6893^{AY}**
Site Address: **1508 79th St. ~~Geny~~, North Bay Village, ~~Miami~~ FL 33141**
Fac ID #: **13/8506324** | Work Order #: **PO # B7CB83** | Project Manager: **Phil Hoffken**

ADDITIONAL COMMENTS OR INSTRUCTIONS

- Meet on-site at 9 am with Earth Tech Drilling ✓
- Conduct HASP and locate drilling locations and markout and review any possible utility conflicts ✓
- Hand clear to 5' ✓
- Hand Auger soil borings to 6 ft-bls ✓
- Install MW's to 12-14' depending on depth to water ✓
- Collect soil samples per Attachment A ✓
- Screen soil borings at 1-foot interval ✓
- Screen monitoring wells at 1-foot to 4' then every 2' to 12-14' ✓

SIGNATURES (This form must be signed PRIOR to leaving for the field)

Prepared by: **Philip Hoffken Jr.** Date: **1/7/2021**
Field Checked by:  Date: **1/12/21**
Reviewed by:  Date: **1/13/21**

TERRA-COM FIELD TRIP INFORMATION FORM

PROJECT INFORMATION

Project # / Site Name: **2020-0087^{PH} Speedway 6893^{PH}** DATE: **1/12/21**
 Site Address: **1508 79th St. ~~Cow~~, North Bay Village, Miami, FL 33141**
 Fac ID # **13/8506324** Work Order # **PO # B7CB83** Project Manager: **Phil Hoffken**

TERRA-COM PERSONNEL

Role	Name (Printed) *	Signed Initials	Time	
			Arrive	Depart
Field Team Leader	Philip Hoffken Jr	PH	0750	1530 ^{PH} 1730
Field Team Member	A. Garcia	AG	0630	1530 ^{PH} 1730

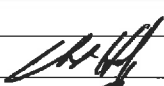

NON-TERRA-COM PERSONS PRESENT

Name (Printed) *	Affiliation	Arrive	Depart
DIEGO IBANEZ	ATC	0750	0900
BILL HARDY	SITE LINES	0750	0900
ANDREW ZEMANEL	ETD	0830	1530 ^{PH} 1730
ARAM GARCIA	↓	0830	1530 ^{PH} 1730
ANGEL AQUINO	↓	0830	1730

* Enter names prior to field trip, if known

ADDITIONAL COMMENTS OR INSTRUCTIONS

SIGNATURES (This form must be signed PRIOR to leaving for the field)

Prepared by: **Philip Hoffken Jr.** Date: **1/7/2021**
 Logged by:  Date: **1/12/21**
 Reviewed by:  Date: **1/13/21**

TERRA-COM FIELD EVENT NOTIFICATIONS FORM

PROJECT INFORMATION

Project # / Site Name: 2020-0087 Speedway 6893	DATE: 1/7/2021
Site Address: 1508 79th St. East, North Bay Village, Miami, FL 33141	
Fac ID # 13/8506324 Work Order PO # B7CB83 Project Manager: Phil Hoffken	

FDEP NOTIFICATION(S)

Person Notified	FDEP Office	Date Notified	Notified By	Copy Attached
Rafael Maldonado		12/18/2020	e-mail	no
prp		12/18/2020	e-mail	no
DERM		12/18/2020	e-mail	no

CLIENT NOTIFICATION(S)

Client Name	Person Notified	Date Notified	Notified By	Copy Attached
Site Rep.	Bryan Witt	12/18/2020	e-mail	no

OTHER NOTIFICATIONS (Tenant, Lessee, Offsite Property Owner, etc.)

Entity Name	Person Notified	Date Notified	Notified By	Copy Attached

SIGNATURES (This form must be signed PRIOR to leaving for the field)

Prepared by: Philip Hoffken Jr.	Date: 1/7/2021
Logged by: Philip Hoffken Jr.	Date: 1/7/2021
Reviewed by: _____	Date: _____

TERRA-COM FIELD SAMPLING / PURGING EQUIPMENT CHECKLIST

PROJECT INFORMATION

Project # / Site Name: **2020-0087 #2 Speedway 6893**
 Site Address: **1508 79th St. ~~Cammy~~ ^{FL} North Bay Village, Miami, FL 33147**
 Fac ID #: **13/8506324** Work Order #: **PO # B7CB83** Project Manager: **Phil Hoffken**

CHECKLIST

# *	QTY	Item Description (List Components)	Construction (Material)	Model #	Serial #	Loaded?
1	x	WLI	std	381-1117-101	1-1	Y
2		YSI	std			
3		Turbidity meter	std			
4		Peristaltic pump	std			
5						
6						
7						
8						
9						
10						
11						
12						
13						
14						
15						
16						

* If serial numbers are recorded on this form, subsequent references to specific equipment (e.g. as required on field data sheets) can use the item #

SIGNATURES (This form must be signed PRIOR to leaving for the field)

Prepared by: **Philip Hoffken Jr.** Date: **1/7/2021**
 Logged by: *[Signature]* Date: *[Signature]*
 Reviewed by: *[Signature]* Date: *[Signature]*

TERRA-COM TAILGATE SAFETY MEETING FORM

Date: 1/12/21 Time: 0800 Project Number: 2020-0087
Site Name: Speedway 6893 Site Address: 1508 79th St. ^{PH} ~~City~~, North Bay Village, ^{PH} ~~Miami~~, FL ³³¹⁴¹
Fac ID #: 13/8506324 Work Order #: PO # B7CB83 Project Manager: Phil Hoffken

SAFETY TOPICS PRESENTED

Scope of Work: Soil Borings and MW Install
Protective Clothing/Equipment: Modified Level D
Chemical Hazards: BTEX/MTBE, PAHs, TRPHs in Trace Quantities
Physical Hazards: Traffic, Underground and Overhead Utilities, Slip/Trip/Fall
Special Equipment: TVA, Drill Rig, etc.
Emergency Procedures: Call 911. Do Not Transport unless injury/illness is minor.
Hospital: See HASP Phone: See HASP Ambulance Phone: 911
Hospital Address and Route: See attached map

ATTENDEES

NAME PRINTED

SIGNATURE

Diego Ibanez



Bill Hardy



AL GRANITE



Andrew Zemanek



Aram Garcia



Angel Aquino



Meeting Conducted by: 

Date: 1/12/21

Reviewed by: _____

Date: 1/13/21

TERRA-COM EQUIPMENT/SUPPLIES CHECKLIST

PROJECT INFORMATION

Project # / Site Name: **2020-0087 Speedway 68924**
 Site Address: **1508 79th St. Cawby, North Bay Village, Miami, FL 33141**
 Fac ID #: **13/8506324** | Work Order # **PO # B7CB83** | Project Manager: **Phil Hoffken**

EQUIPMENT & SUPPLIES

Qty	Load?	Item	Qty	Load?	Item
SITE SAFETY			DECONTAMINATION		
1	Y	Site Health & Safety Plan	1	Y	Decon Sprayers (DI Water & Alcohol)
		Hard Hat	1	↓	De-ionized &/or Tap Water
		Ear Protection	1		Alconox or Liquinox Soap
1	Y	Portable Eye Wash	1		Cleaning Brushes
1	Y	First Aid Kit	1		Paper Towels
		Respirator	1	↓	Decontamination Buckets
1	Y	Fire Extinguisher			
4	↓	Traffic Cones			
1		Safety Vest			
1		Safety Boots			MISCELLANEOUS
1	↓	Safety Glasses	GEO	Y	Tool Box: REMED or GEOHYDRO
			1	↓	Clipboard
			1		Camera
					Shovel: ROUND or SQUARE
SAMPLING SUPPORT					Pick Axe
6 kits	Y	Sample Kits (including coolers)			Breaker Bar
10 boxes	↓	Mason Jars & Aluminum Foil			Asphalt Patch
2		5-gallon bucket			Broom
x	↓	Latex Gloves			Extension Cords
		Line: NYLON, ROLLS	x	Y	Zip Ties, Well Locks, Caps, Keys
		Visqueen or Equivalent			Tape Measure: Tape or Rollertape
		Generator			Bolt Cutters
		Well Points ____ft riser; ____ft screen	x	Y	Survey Equipment
		Winch &/or Tripod			Flow Cell
x	Y	TVA / OVA with Calibration Gas	x	Y	Calibration Standards
x	Y	Water Level Indicator/Interface Probe			
		PH/Conductivity Meter			DOCUMENTATION
		Grundfos Pump with Controller and Tubing	1	Y	FDEP Work Order or DP Proposal Copy
		Diaphragm Pump & hoses	1		SOPs (FDEP, Terra-Com)
		YSI Multimeter	1		IRA
		Peristaltic Pump with Battery and Tubing	1		Discharge Reporting Form
		Concrete Core Drill	1		FAC Rules 17-770, 17-761, other
x	Y	Hand Auger Set	1	↓	Soil Sampling &/or Closure Guidelines
		Hach Turbidity Meter			

ADDITIONAL COMMENTS OR INSTRUCTIONS

SIGNATURES (This form must be signed PRIOR to leaving for the field)

Prepared by: **Philip Hoffken Jr.** Date: **1/7/2021**
 Logged by: _____ Date: **1/12/21**
 Reviewed by: _____ Date: **1/13/21**

TERRA-COM FIELD DECONTAMINATION FORM

PROJECT INFORMATION

Site Name: **Speedway 6893** ^{AK} **AK** Project #: **2020-0087**

Site Address: **1508 79th St. ~~Geny~~, North Bay Village, ~~Miami~~ FL 33141**

Fac ID #: **13/8506324** Work Order #: **PO # B7CB83** Project Manager: **Phil Hoffken**

DECONTAMINATION PROCEDURES

Pre-cleaned by:

FC 1000 Section #	Decon. Proc. Description ^a	Equip. ID ^b	Sample Point #									
			1	2	3	4	5	6	7	8	9	10

Field Decontamination - FC 1130 General Cleaning

FC 1131	Cleaning procedure for Teflon, Stainless Steel, and Glass Sampling Equipment. Check one box for each procedure.	Hand Auger																
FC 1132	Cleaning procedure for Plastic Sampling Equipment.																	
FC 1160.3	Cleaning procedure for Teflon, Polyethylene, and Polypropylene Tubing*.																	

FC 1170 - Pumps

FC 1170.1	Submersible Pumps																	
FC 1170.2	Above-ground Pumps used for purging and sampling																	

FC 1190 - Ice Chests and Sampling Containers

FC 1190	Ice Chests																	
---------	------------	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

FC 1200 - Field Instruments & Drilling Equipment

FC 1210	Field Instruments - (WLI, tapes, meters, etc.) Check one box for each procedure.	WLI YSI	+	+	+	+												
FC 1220	Soil Boring Equip. (Only that not used to sample).																	
FC 1230	Well Casing Cleaning - (ONLY well riser, casing, and screen that is NOT wrapped in plastic).																	

^a Refer to DEP-SOP-001/01 FC 1000 for decontamination protocols. * Field decontamination of tubing is NOT recommended.

^b Record identification number found in left-most column of Field Sampling/Purging Equipment Checklist

SIGNATURES

Prepared by: **Philip Hoffken Jr.**

Logged by:

Reviewed by:

Date: **1/7/2021**

Date: **1/12/21**

Date: **1/13/21**

TERRA-COM FIELD EQUIPMENT CALIBRATION FORM

PROJECT INFORMATION

Project # / Site Name: **17, 2020-0087** *Speedway 6893*
 Site Address: **1508 79th St. Co Hwy, North Bay Village, Miami, FL 33167**
 Fac ID #: **13/8506324** Work Order #: **PO # B7CB83** Project Manager: **Phil Hoffken**

CALIBRATION DATA

Instrument Description	ID # or Serial #	Parameter Description	Date / Time	Standard (Y)	Reading (X)	Units	Action (Circle One)
TVA	2	Methane	11/21 @ 0850	95 ppm	95.09	ppm	Calibrated
TVA	2	Methane	11/21 @ 0852	10000 ppm	1.00%	ppm or %	Calibrated
TVA	2	Methane	11/21 @ 1319	95 ppm	105	ppm	Calibrated
TVA	2	Methane	11/21 @ 1321	10000 ppm	1.19%	ppm or %	Calibrated
TVA	2	Methane	11/21 @ 1327	95 ppm	94.63	ppm	Calibrated
TVA	2	Methane	11/21 @ 1354	10000 ppm	1.01%	ppm or %	Calibrated
TVA	2	Methane	11/21 @ 1647	95 ppm	90.05	ppm	Calibrated
TVA	2	Methane	11/21 @ 1649	10000 ppm	1.02%	ppm or %	Calibrated
TVA		Methane		95 ppm		ppm	Calibrated
TVA		Methane		10000 ppm		ppm or %	Calibrated
TVA		Methane		95 ppm		ppm	Calibrated
TVA		Methane		10000 ppm		ppm or %	Calibrated
TVA		Methane		95 ppm		ppm	Calibrated
TVA		Methane		10000 ppm		ppm or %	Calibrated
TVA		Methane		95 ppm		ppm	Calibrated
TVA		Methane		10000 ppm		ppm or %	Calibrated
TVA		Methane		95 ppm		ppm	Calibrated
TVA		Methane		10000 ppm		ppm or %	Calibrated

SIGNATURES

Calibrated by: *[Signature]* Date: **11/21/21**
 Reviewed by: *[Signature]* Date: **11/21/21**

Boring/Well #: SB-20-01	Utility Clearance #: 005100678	FDEP Facility Identification Number: 13/8506324
Project #: 2020-0087	FDOT ROW Permit #: NA	
Site Name: Speedway 6893	Borehole Start Date: 1/10/21	Borehole Start Time: 11:15
Address: 1508 7th St. NW, North Bay Village, Fla	Borehole End Date: 1/10/21	Borehole End Time: 11:30
Environmental Contractor: TERRA-COM Environmental Consulting, Inc.	Geologist's Name: Philip Hoffken Jr.	Technician's Name: AL GRAVITE
Drilling Company: EarthTech Drilling	Pavement Thickness (inches): 3	Borehole Diameter (inches): 3.5
Drilling Method(s): HA and DPT	Apparent Borehole DTW (feet from soil moisture content): 4	Measured Well DTW (in feet after water recharges in well): -
		TVA S/N or Equipment ID Number: TVA 1000 # 2

Disposition of Drill Cuttings [check method(s)]: Drum Grout Backfill Stockpile Other (Describe)

(describe if other or multiple items are checked):

Borehole Completion (check one): Well Grout Bentonite Backfill Other (Describe)

Sample Type	Sample Depth Interval (feet)	Sample Recovery (percentage %)	SPT Blows (per six inches)	Unfiltered OVA	Filtered OVA	Net OVA	Depth (feet)	Sample Description (include grain size based on USCS, odors, staining, and other remarks)	USCS Symbol	Moisture Content	Lab Soil and Groundwater Samples (list sample # and depth or temp screen interval)
HA	0	NA	NA	Ø	Ø	Ø	1	TAN MED + FINE SAND w/ GRAVELS NO ODOR	SM	J	
HA	1			Ø	Ø	Ø	2	DARK TAN MED + FINE SAND w/ LITTLE GRAVELS	SM	M	
HA	2			Ø	Ø	Ø	3	Brown - FINE SAND + SHELLS	SM	W	HA 3 sample
HA	3			Ø	Ø	Ø	4	Brown - SHELLS	-	S	
HA	4			Ø	Ø	Ø	5		-	S	
HA	5			Ø	Ø	Ø	6	LT Gray SILT + low PLASTICITY clay w/ FINE SAND NO ODOR NO STAIN	SC	S	

Sample Type Codes: HA = Hand Auger; SS = Split Spoon; DPT = DPT Core; PH = Post Hole; SC = Sonic Core; DC = Drill Cuttings
 Moisture Content Codes: D = Dry; M = Moist; W = Wet; S = Saturated

Logged by: <i>Shell</i>	Date: 1/10/21
Recorded by: <i>MS</i>	Date: 1/12/21
Reviewed by: <i>BB</i>	Date: 1/13/21

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Boring/Well #: SB-20-02	Utility Clearance #: 005100678	FDEP Facility Identification Number:
Project #: 2020-0087	FDOT ROW Permit #: NA	13/8506324
Site Name: Speedway 6893th	Borehole Start Date: 1/12/21	Borehole Start Time: 1125
Address: 1508 79th St. Gandy, North Bay Village, FL 33141	Borehole End Date:	Borehole End Time: 1200
Environmental Contractor: TERRA-COM Environmental Consulting, Inc.	Geologist's Name: Philip Hoffken Jr.	Technician's Name: AL GRAVITTE
Drilling Company: EarthTech Drilling	Pavement Thickness (inches): 6	Borehole Diameter (inches): 3.5
		Borehole Depth (feet): 6
Drilling Method(s): HA and DPT	Apparent Borehole DTW (feet from soil moisture content): 4	Measured Well DTW (in feet after water recharges in well): -
		TVA S/N or Equipment ID Number: TVA 1000 # 2

Disposition of Drill Cuttings [check method(s)]: Drum Grout Backfill Stockpile Other (Describe)

(describe if other or multiple items are checked):

Borehole Completion (check one): Well Grout Bentonite Backfill Other (Describe)

Sample Type	Sample Depth Interval (feet)	Sample Recovery (percentage -%)	SPT Blows (per six inches)	Unfiltered OVA	Filtered OVA	Net OVA	Depth (feet)	Sample Description (Include grain size based on USCS, odors, staining, and other remarks)	USCS Symbol	Moisture Content	Lab Soil and Groundwater Samples (list sample # and depth or temp screen interval)
HA	0-1	NA	NA	Ø	Ø	Ø	1	TAN MED + FINE SAND w/ GRAVELS NO ODOR	GM	D	
HA	1-2			Ø	Ø	Ø	2	TAN MED + FINE SAND w/ LITTLE GRAVELS	SM	M	
HA	2-3			Ø	Ø	Ø	3	Brown FINE SAND + SILT w/ SMELLS	SM	W	SAMPLE
HA	3-4			Ø	Ø	Ø	4	Brown SMELLS	-	S	
	4-5			Ø	Ø	Ø	5	↓	-	S	
	5-6			Ø	Ø	Ø	6	LT GREY FINE SAND, SILT, + low plasticity clay NO ODOR NO STAIN	SC	S	

Sample Type Codes: HA = Hand Auger; SS = Split Spoon; DPT = DPT Core; PH = Post Hole; SC = Sonic Core; DC = Drill Cuttings

Moisture Content Codes: D = Dry; M = Moist; W = Wet; S = Saturated

Logged by:	Date: 1/12/21
Recorded by:	Date: 1/12/21
Reviewed by:	Date: 1/12/21

Boring/Well #: SK-20-02		Utility Clearance #: 005100678		FDEP Facility Identification Number: 13/8506324	
Project #: 2020-0087		FDOT ROW Permit #: NA			
Site Name: Speedway 6893		Borehole Start Date: 1/12/21		Borehole Start Time: 1205	
Address: 1508 79th St. ^W Conwy, North Bay Village, ^{MI} MI		Borehole End Date: 1/12/21		Borehole End Time: 1236	
Environmental Contractor: TERRA-COM Environmental Consulting, Inc.		Geologist's Name: Phillip Hoffken Jr.		Technician's Name: AL GRAVITTE	
Drilling Company: EarthTech Drilling		Pavement Thickness (inches): 3		Borehole Diameter (inches): 3.5	
Drilling Method(s): HA and DPT		Apparent Borehole DTW (feet from soil moisture content): 4		TVA S/N or Equipment ID Number: TVA 1000 # 2	
Disposition of Drill Cuttings [check method(s)]: <input type="checkbox"/> Drum <input type="checkbox"/> Grout <input checked="" type="checkbox"/> Backfill <input type="checkbox"/> Stockpile <input type="checkbox"/> Other (Describe)					
(describe if other or multiple items are checked):					
Borehole Completion (check one): <input type="checkbox"/> Well <input checked="" type="checkbox"/> Grout <input type="checkbox"/> Bentonite <input type="checkbox"/> Backfill <input type="checkbox"/> Other (Describe)					

Sample Type	Sample Depth Interval (feet)	Sample Recovery (percentage -%)	SPT Blows (per six inches)	Unfiltered OVA	Filtered OVA	Net OVA	Depth (feet)	Sample Description (include grain size based on USCS, odors, staining, and other remarks)	USCS Symbol	Moisture Content	Lab Soil and Groundwater Samples
											(list sample # and depth or temp screen interval)
HA	0-1	NA	NA	0	0	0	1	TAN MED + FINE SAND w/ GRAVELS NO ODOR	GM	D	
HA	1-2			17	11	6	2	DARK TAN MED + FINE SAND w/ LITTLE GRAVELS	SM	W	
HA	2-3			63	10	53	3	BROWN FINE SAND FRILT w/ SHELLS	SM	M	SA offk
HA	3-4			5	2	3	4	BROWN SHELLS	-	S	
	4-5			12	5	7	5	↓	-	S	
	5-6			8	2	6	6	LT Grey SILTY clay w/ LOW PLASTICITY + FINE SAND NO ODOR NO STAIN	SC	S	

Sample Type Codes: HA = Hand Auger; SS = Split Spoon; DPT = DPT Core; PH = Post Hole; SC = Sonic Core; DC = Drill Cuttings

Moisture Content Codes: D = Dry; M = Moist; W = Wet; S = Saturated

Logged by:		Date: 1/12/21
Recorded by:		Date: 1/12/21
Reviewed by:		Date: 1/12/21
		Page ____ of ____ Pages

Boring/Well #: SB.70.04		Utility Clearance #: 005100678		FDEP Facility Identification Number: 13/8506324	
Project #: 2020-0087		FDOT ROW Permit #: NA		Borehole Start Date: 1/12/20	
Site Name: Speedway 6893		Borehole End Date: 1/12/20		Borehole Start Time: 1210	
Address: 1508 7th St. Cowy, North Bay Village, Fla		Geologist's Name: Phillip Hoffken Jr.		Borehole End Time: 1230	
Environmental Contractor: TERRA-COM Environmental Consulting, Inc.		Technician's Name: AL GRAYTT			
Drilling Company: EarthTech Drilling		Pavement Thickness (inches): 3		Borehole Diameter (inches): 3.5	
Drilling Method(s): HA and DPT		Apparent Borehole DTW (feet from soil moisture content): 4		Measured Well DTW (in feet after water recharges in well): —	
		TVA S/N or Equipment ID Number: 2		TVA 1000 # 2	
Disposition of Drill Cuttings [check method(s)]: <input type="checkbox"/> Drum <input type="checkbox"/> Grout <input checked="" type="checkbox"/> Backfill <input type="checkbox"/> Stockpile <input type="checkbox"/> Other (Describe)					
(describe if other or multiple items are checked):					
Borehole Completion (check one): <input type="checkbox"/> Well <input checked="" type="checkbox"/> Grout <input type="checkbox"/> Bentonite <input type="checkbox"/> Backfill <input type="checkbox"/> Other (Describe)					

Sample Type	Sample Depth Interval (feet)	Sample Recovery (percentage -%)	SPT Blows (per six inches)	Unfiltered OVA	Filtered OVA	Net OVA	Depth (feet)	Sample Description (include grain size based on USCS, odors, staining, and other remarks)	USCS Symbol	Moisture Content	Lab Soil and Groundwater Samples (list sample # and depth or temp screen interval)
HA	1	NA	NA	0	0	0	1	TAN MED + FINE SAND w/ GRAVELS NO ODOR NO STAIN	GM	D	
HA	2			0	0	0	2	TAN MED + FINE SAND w/ LITTLE GRAVELS	SM	M	
HA	3			0	0	0	3	BROW ~ FINE SAND + SILT w/ LITTLE SHELLS	SM	W	SA w/le
HA	4			2011	36	1975	4	BROW ~ SHELLS	-	S	
	5			1073	43	1030	5		-	S	
	6			1255	27	1228	6	LT GRAY SILTY CLAY w/ LOW PLASTICITY + FINE SAND NO ODOR NO STAIN	SC	S	

Sample Type Codes: HA = Hand Auger; SS = Split Spoon; DPT = DPT Core; PH = Post Hole; SC = Sonic Core; DC = Drill Cuttings
 Moisture Content Codes: D = Dry; M = Moist; W = Wet; S = Saturated

Logged by:	Date: 1/12/20
Recorded by: RG	Date: 1/12/20
Reviewed by: PH	Date: 1/12/20
Page 1 of 1 Pages	

Boring/Well #: MW-0	Utility Clearance #: 005100678	FDEP Facility Identification Number:
Project #: 2020-0087	FDOT ROW Permit #: NA	13/8506324
Site Name: Speedway 6893	Borehole Start Date: 1/12/21	Borehole Start Time: 0900
Address: 1508 79th St. Cswy, North Bay Village, Miami	Borehole End Date:	Borehole End Time: 0940
Environmental Contractor: TERRA-COM Environmental Consulting, Inc.	Geologist's Name: Philip Hoffken Jr.	Technician's Name: AL GRAVITE
Drilling Company: EarthTech Drilling	Pavement Thickness (inches): PH 83	Borehole Diameter (inches): 3.5
Drilling Method(s): HA and DPT/HSA	Apparent Borehole DTW (feet from soil moisture content): 4	TVA S/N or Equipment ID Number: TVA 1000 # 2

Disposition of Drill Cuttings [check method(s)]: Drum Grout Backfill Stockpile Other (Describe)

(describe if other or multiple items are checked):

Borehole Completion (check one): Well Grout Bentonite Backfill Other (Describe)

Sample Type	Sample Depth Interval (feet)	Sample Recovery (percentage -%)	SPT Blows (per six inches)	Unfiltered OVA	Filtered OVA	Net OVA	Depth (feet)	Sample Description (include grain size based on USCS, odors, staining, and other remarks)	USCS Symbol	Moisture Content	Lab Soil and Groundwater Samples (list sample # and depth or temp screen interval)
HA	0	NA	NA	0	0	0	1	HA MEDIUM TAN CLAY TO FINE SAND w LITTLE GRAVEL NO STAIN	GM	D	
HA	1			0	0	0	2	BROWN-DARK TAN MUD TO FINE SAND / SILT + LITTLE SHELL	SM	W	
HA	2			0	0	0	3		SM	M	FA-PL
HA	3			210	131	204	4	GREY SHELL STRONG GAR ODOR + STAIN	-	S	
DPT	6			282	282	0	6	GREY SHELLS ODOR + NO STAINING	-	S	
	8			521	487	34	8	GREY SILT + LOW PLASTICITY CLAY w FINE SAND SLIGHT ODOR NO STAINING	SC	S	
	10			265	255	10	10	SLIGHT ODOR NO STAIN	SC	S	
	12			833	213	620	12	GREY FINE SAND + SILT w LITTLE CLAY	SM	S	

Sample Type Codes: HA = Hand Auger; SS = Split Spoon; DPT = DPT Core; PH = Post Hole; SC = Sonic Core; DC = Drill Cuttings
 Moisture Content Codes: D = Dry; M = Moist; W = Wet; S = Saturated

Logged by:	Date: 1/12/21
Recorded by:	Date: 1/12/21
Reviewed by:	Date: 1/13/21
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Boring/Well #: MW-N	Utility Clearance #: 005100678	FDEP Facility Identification Number: 13/8506324
Project #: 2020-0087	FDOT ROW Permit #: NA	
Site Name: Speedway 6893/M	Borehole Start Date: 1/12/20	Borehole Start Time: 1100
Address: 1508 79th St. Corry, North Bay Village, Fla	Borehole End Date: 1/12/20	Borehole End Time: 1145
Environmental Contractor: FL, 2/1/11 TERRA-COM Environmental Consulting, Inc.	Geologist's Name: Phillip Hoffken Jr.	Technician's Name: AL GRANVILLE
Drilling Company: EarthTech Drilling	Pavement Thickness (inches): PH #3	Borehole Diameter (inches): 3.5
		Borehole Depth (feet): 12
Drilling Method(s): HA and DPT	Apparent Borehole DTW (feet from soil moisture content): 4	Measured Well DTW (in feet after water recharges in well): 2.98
		TVA S/N or Equipment ID Number: TVA 1000 # 2
Disposition of Drill Cuttings [check method(s)]: <input checked="" type="checkbox"/> Drum <input type="checkbox"/> Grout <input type="checkbox"/> Backfill <input type="checkbox"/> Stockpile <input type="checkbox"/> Other (Describe)		
(describe if other or multiple items are checked):		

Borehole Completion (check one): Well Grout Bentonite Backfill Other (Describe)

Sample Type	Sample Depth Interval (feet)	Sample Recovery (percentage -%)	SPT Blows (per six inches)	Unfiltered OVA	Filtered OVA	Net OVA	Depth (feet)	Sample Description (include grain size based on USCS, odors, staining, and other remarks)	USCS Symbol	Moisture Content	Lab Soil and Groundwater Samples (list sample # and depth or temp screen interval)
HA		NA	NA	0	0	0	1	TAN MEDIUM TO FINE SAND w/ BLANKETS NO ODOUR NO STAIN	SM	M	
HA				12	0	12	2	TAN MED TO FINE SAND w/ SILT + SOME SHELLS	SM	M	
HA				0	0	0	3	↓	SM	W	
HA				18	5	13	4	TAN/GRAY SHELLS SLIGHT ODOUR NO STAIN	-	S	
DPT				710	109	601	5	↓	-	S	
DPT				259	132	127	6	GRAY SILT & LOW PLASTICITY CLAY w/ FINE SAND	SC	S	
DPT				-	-	-	10	NO RECOVERY (FLUSHED OUT) MACROCORE	-	-	
DPT				-	-	-	12	NO RECOVERY ↓	-	-	

Sample Type Codes: HA = Hand Auger; SS = Split Spoon; DPT = DPT Core; PH = Post Hole; SC = Sonic Core; DC = Drill Cuttings

Moisture Content Codes: D = Dry; M = Moist; W = Wet; S = Saturated

Logged by:	Date: 1/12/20
Recorded by:	Date: 1/21/21
Reviewed by:	Date: 1/21/21
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Boring/Well #: MW L	Utility Clearance #: 005100678	FDEP Facility Identification Number: 13/8506324
Project #: 2020-0087	FDOT ROW Permit #: NA	
Site Name: Speedway 6893	Borehole Start Date: 1/12/20	Borehole Start Time: 1400
Address: 1508 79th St. Conway, North Bay Village, FL 33141	Borehole End Date: 1/12/20	Borehole End Time: 1440
Environmental Contractor: TERRA-COM Environmental Consulting, Inc.	Geologist's Name: Philip Hoffken Jr.	Technician's Name: AL GRANITTE
Drilling Company: EarthTech Drilling	Pavement Thickness (inches): 3	Borehole Diameter (inches): 3.5
		Borehole Depth (feet): 12
Drilling Method(s): HA and DPT	Apparent Borehole DTW (feet from soil moisture content): 4	Measured Well DTW (in feet after water recharges in well): 3.11
		TVA S/N or Equipment ID Number: TVA 1000 # 2
Disposition of Drill Cuttings [check method(s)]: <input checked="" type="checkbox"/> Drum <input type="checkbox"/> Grout <input type="checkbox"/> Backfill <input type="checkbox"/> Stockpile <input type="checkbox"/> Other (Describe)		
(describe if other or multiple items are checked):		

Borehole Completion (check one): Well Grout Bentonite Backfill Other (Describe)

Sample Type	Sample Depth Interval (feet)	Sample Recovery (percentage -%)	SPT Blows (per six inches)	Unfiltered OVA	Filtered OVA	Net OVA	Depth (feet)	Sample Description (include grain size based on USCS, odors, staining, and other remarks)	USCS Symbol	Moisture Content	Lab Soil and Groundwater Samples (list sample # and depth or temp screen interval)
HA	0-1	NA	NA	Ø	Ø	Ø	1	TAN MED TO FINE SAND w/ GRAVELS NO ODOR/STAIN	GM	D	
HA	1-2			Ø	Ø	Ø	2	LT BROWN MED TO FINE SAND w/ SILT + SHELLS NO ODOR NO STAIN	SM	W	
HA	2-3			632	37	595	3	↓	SM	M	
HA	3-4			9185	206	8979	4	GREY SHELLS SLIGHT ODOR NO STAIN	-	S	
								↓			
DPT	6-7			201	55	146	6		-	S	
	8-9			303	161	142	8	GREY SILTY clay w/ LOW PLASTICITY w/ FINE SAND NO ODOR NO STAIN	SC	S	
	10-11			2951	42	2889	10	↓	SC	S	
	11-12			4253	183	4070	12	GREY FINE SAND + SILT w/ LITTLE clay	SM	S	

Sample Type Codes: HA = Hand Auger; SS = Split Spoon; DPT = DPT Core; PH = Post Hole; SC = Sonic Core; DC = Drill Cuttings
 Moisture Content Codes: D = Dry; M = Moist; W = Wet; S = Saturated

Logged by:	Date: 1/12/20
Recorded by:	Date: 1/12/20
Reviewed by:	Date: 1/13/20
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Boring/Well #: MW - M	Utility Clearance #: 005100678	FDEP Facility Identification Number:
Project #: 2020-0087	FDOT ROW Permit #: NA	13/8506324
Site Name: Speedway 6893	Borehole Start Date: 1/10/20	Borehole Start Time: 1600
Address: 1508 7th St. Gowy, North Bay Village, FL 33141	Borehole End Date:	Borehole End Time: 1920
Environmental Contractor: TERRA-COM Environmental Consulting, Inc.	Geologist's Name: Phillip Hoffken Jr.	Technician's Name: AL GRAVITE
Drilling Company: EarthTech Drilling	Pavement Thickness (inches): 3	Borehole Diameter (inches): 3.5
		Borehole Depth (feet): 12
Drilling Method(s): HA and DPT	Apparent Borehole DTW (feet from soil moisture content): 4	Measured Well DTW (in feet after water recharges in well): 2.41
		TVA S/N or Equipment ID Number: TVA 1000 # 2

Disposition of Drill Cuttings [check method(s)]: Drum Grout Backfill Stockpile Other (Describe)
 (describe if other or multiple items are checked):

Borehole Completion (check one): Well Grout Bentonite Backfill Other (Describe)

Sample Type	Sample Depth Interval (feet)	Sample Recovery (percentage -%)	SPT Blows (per six inches)	Unfiltered OVA	Filtered OVA	Net OVA	Depth (feet)	Sample Description (include grain size based on USCS, odors, staining, and other remarks)	USCS Symbol	Moisture Content	Lab Soil and Groundwater Samples (list sample # and depth or temp screen interval)
HA	0-1	NA	NA	⊙		⊙	1	TAN MEDIUM TO FINE SAND w/ GRAVEL NO ODOR NO STAIN	GM	I	
HA	1-2			⊙		⊙	2	DARK TAN MED TO FINE SAND + SILT w/ SHELLS NO ODOR NO STAIN	SM	W	
HA	2-3			⊙		⊙	3		SM	M	
HA	3-4			⊙		⊙	4	GREY SHELLS SLIGHT ODOR NO STAIN	-	S	
DPT	6			28	24	4	6		-	S	
	8			393	167	226	8	GREY SILT & LOW PLASTICITY CLAY w/ FINE SAND SLIGHT ODOR NO STAIN	SC	S	
	10			129	120	9	10		SC	S	
	12			232	219	13	12	LT GREY FINE SAND & SILT w/ LITTLE CLAY NO ODOR NO STAIN	SM	S	

Sample Type Codes: HA = Hand Auger; SS = Split Spoon; DPT = DPT Core; PH = Post Hole; SC = Sonic Core; DC = Drill Cuttings
 Moisture Content Codes: D = Dry; M = Moist; W = Wet; S = Saturated

Logged by:	Date: 1/12/20
Recorded by:	Date: 1/13/21
Reviewed by:	Date: 1/13/21

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WELL CONSTRUCTION DATA

Well Number: <u>MW-0</u>	Site Info: <u>Speedway 6893</u>	FDEP Facility I.D. Number: <u>13/8506324</u>	Well Install Date(s): <u>1/12/21</u>
Project #: <u>2020-0087</u>			
Well Location and Type (check appropriate boxes): <input checked="" type="checkbox"/> On-Site <input type="checkbox"/> Right-of-Way <input type="checkbox"/> Off Site (Private Property) <input checked="" type="checkbox"/> Flush-to-Grade <input type="checkbox"/> Above Grade (AG)		Well Purpose: <input checked="" type="checkbox"/> Shallow (Water-Table Monitoring) <input type="checkbox"/> Intermediate or Deep Monitoring <input type="checkbox"/> Perched Monitoring <input type="checkbox"/> Remediation or Other (describe)	
If AG list feet of riser above land surface:		Well Install Method (Circle): <input checked="" type="radio"/> MR, SSA, DPT, BA, Sonic Surface Casing Install Method (Circle): NA	

Borehole Depth (feet): <u>12</u>	Well Depth (feet): <u>12</u>	Manhole Diameter (inches): <u>8</u>	Well Pad Size: <u>2</u> feet by <u>2</u> feet
Borehole Diameter - inches (Check One): <input type="checkbox"/> 3.25" <input checked="" type="checkbox"/> 8.25" <input type="checkbox"/> 10" <input type="checkbox"/> 12" <input type="checkbox"/> Other (specify)			
Riser Diameter and Material: <u>2-inch Schedule 40 PVC</u>	Riser/Screen Connections: <input checked="" type="checkbox"/> Flush - Threaded <input type="checkbox"/> Other (describe)	Riser Length: <u>2</u> feet from <u>0</u> feet to <u>2</u> feet	
Screen Diameter and Material: <u>2-inch Schedule 40 PVC</u>	Screen Slot Size: 0.010"	Screen Length: <u>10</u> feet from <u>2</u> feet to <u>12</u> feet	
1 st Surface Casing Material: also check: <input type="checkbox"/> Permanent <input type="checkbox"/> Temporary	1 st Surface Casing I.D. (inches):	1 st Surface Casing Length: _____ feet from _____ feet to _____ feet	
2 nd Surface Casing Material: also check: <input type="checkbox"/> Permanent <input type="checkbox"/> Temporary	2 nd Surface Casing I.D. (inches):	2 nd Surface Casing Length: _____ feet from _____ feet to _____ feet	
3 rd Surface Casing Material: also check: <input type="checkbox"/> Permanent <input type="checkbox"/> Temporary	3 rd Surface Casing I.D. (inches):	3 rd Surface Casing Length: _____ feet from _____ feet to _____ feet	
Filter Pack Material & Size: <u>20/30 Sand</u>	Prepacked Filter Around Screen (check one): <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Filter Pack Length: <u>10</u> feet from <u>1</u> feet to <u>12</u> feet	
Filter Pack Seal Material and Size:	Fine Sand	Filter Pack Seal Length: <u>0.5</u> feet from <u>0.5</u> feet to <u>1</u> feet	
Surface Seal Material:	Portland Cement	Surface Seal Length: <u>0.5</u> feet from <u>0</u> feet to <u>0.5</u> feet	

WELL DEVELOPMENT DATA

Well Development Date: <u>1/12/21</u>	Well Development Method (check one): <input type="checkbox"/> Surge/Pump <input type="checkbox"/> Pump <input type="checkbox"/> Compressed Air <input checked="" type="checkbox"/> Other (describe) <u>TRAM</u>		
Development Pump Type (check): <input type="checkbox"/> Centrifugal <input type="checkbox"/> Peristaltic <input type="checkbox"/> Submersible <input checked="" type="checkbox"/> Other (describe) <u>suction</u>	Depth to Groundwater (before developing, in feet): <u>2.88</u>		
Pumping Rate (gallons per minute): <u>1</u>	Maximum Drawdown of Groundwater During Development (feet): _____	Well Purged Dry (check one): <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Pumping Condition (check one): <input checked="" type="checkbox"/> Continuous <input type="checkbox"/> Intermittent	Total Development Water Removed (gallons): <u>25</u>	Development Duration (minutes): <u>25</u>	Development Water Drummed (check one): <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Water Appearance (color and odor) At Start of Development: <u>LT TAN slight odor</u>		Water Appearance (color and odor) At End of Development: <u>Clear no odor</u>	

Development Calculation: 5 WELL VOLUMES = (TOTAL WELL DEPTH - STATIC DEPTH TO WATER) X WELL CAPACITY X 5
 = (12 feet - 2.88 feet) X 0.16 gallons/foot = 1.5 gallons X 5 = 7.5 gallons
 WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 1.5" = 0.09 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88

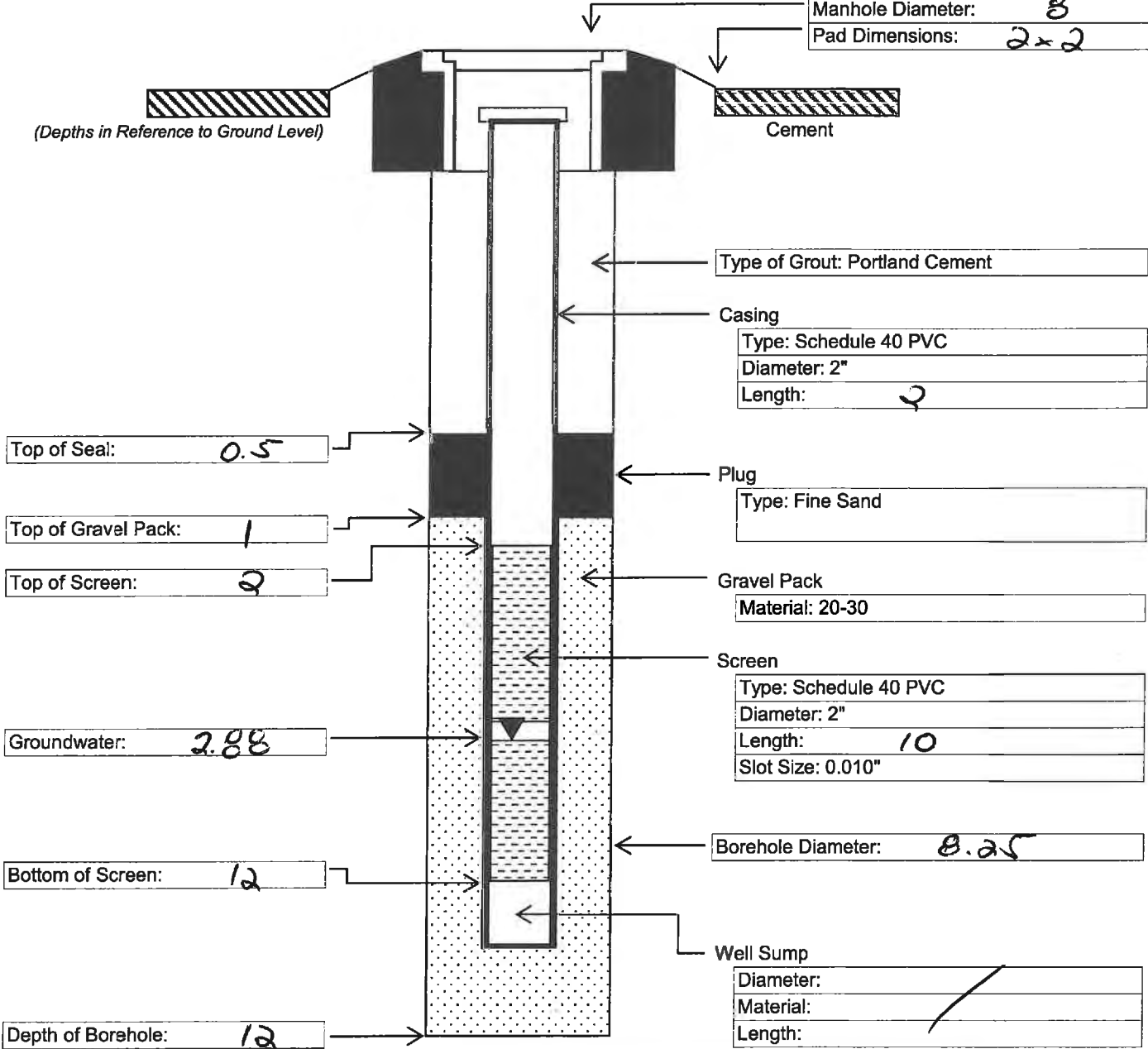
Recorded by: _____	Date: <u>1/12/21</u>
Reviewed by: _____	Date: <u>1/13/21</u>

MONITOR WELL CONSTRUCTION LOG (SINGLE CASED)

PROJECT INFORMATION

Project # / Site Name: **2020-0087 A1 Speedway 6893 A1** Well # **MW-0**
 Site Address: **1508 79th St. ~~Canary~~, North Bay Village, Miami, FL 33141**
 Fac ID #: **13/8506324** Work Order #: **PO # B7CB83** Project Manager: **Phil Hoffken**

Manhole Diameter: **8**
 Pad Dimensions: **2x2**



Comments:

SIGNATURES

Recorded by: *[Signature]* Date: **1/12/21**
 Reviewed by: *[Signature]* Date: **1/13/21**

WELL CONSTRUCTION DATA

Well Number: <u>MW-N</u>		Site Info: <u>Speedway 6893</u>		FDEP Facility I.D. Number: <u>13/8506324</u>		Well Install Date(s): <u>1/12/20</u>	
Project #: <u>2020-0087</u>							
Well Location and Type (check appropriate boxes):				Well Purpose:		Well Install Method (Circle):	
<input checked="" type="checkbox"/> On-Site <input type="checkbox"/> Off Site (Private Property) <input type="checkbox"/> Above Grade (AG)		<input type="checkbox"/> Right-of-Way <input checked="" type="checkbox"/> Flush-to-Grade		<input checked="" type="checkbox"/> Shallow (Water-Table Monitoring) <input type="checkbox"/> Intermediate or Deep Monitoring <input type="checkbox"/> Perched Monitoring <input type="checkbox"/> Remediation or Other (describe)		<input checked="" type="checkbox"/> HSA MR, SSA, DPT, BA, Sonic	
If AG list feet of riser above land surface:						Surface Casing Install Method (Circle): NA	
Borehole Depth (feet): <u>12</u>		Well Depth (feet): <u>12</u>		Manhole Diameter (inches): <u>8</u>		Well Pad Size: <u>2</u> feet by <u> </u> feet	
Borehole Diameter - inches (Check One): <input type="checkbox"/> 3.25" <input checked="" type="checkbox"/> 8.25" <input type="checkbox"/> 10" <input type="checkbox"/> 12" <input type="checkbox"/> Other (specify)							
Riser Diameter and Material: <u>2-inch Schedule 40 PVC</u>			Riser/Screen Connections: <input checked="" type="checkbox"/> Flush - Threaded <input type="checkbox"/> Other (describe)		Riser Length: <u>2</u> feet from <u>0</u> feet to <u>2</u> feet		
Screen Diameter and Material: <u>2-Inch Schedule 40 PVC</u>			Screen Slot Size: 0.010"		Screen Length: <u>10</u> feet from <u>2</u> feet to <u>12</u> feet		
1 st Surface Casing Material: also check: <input type="checkbox"/> Permanent <input type="checkbox"/> Temporary			1 st Surface Casing I.D. (inches):		1 st Surface Casing Length: <u> </u> feet from <u> </u> feet to <u> </u> feet		
2 nd Surface Casing Material: also check: <input type="checkbox"/> Permanent <input type="checkbox"/> Temporary			2 nd Surface Casing I.D. (inches):		2 nd Surface Casing Length: <u> </u> feet from <u> </u> feet to <u> </u> feet		
3 rd Surface Casing Material: also check: <input type="checkbox"/> Permanent <input type="checkbox"/> Temporary			3 rd Surface Casing I.D. (inches):		3 rd Surface Casing Length: <u> </u> feet from <u> </u> feet to <u> </u> feet		
Filter Pack Material & Size: <u>20/30 Sand</u>		Prepacked Filter Around Screen (check one): <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			Filter Pack Length: <u>11</u> feet from <u>1</u> feet to <u>12</u> feet		
Filter Pack Seal Material and Size: <u>Fine Sand</u>				Filter Pack Seal Length: <u>0.5</u> feet from <u>0.5</u> feet to <u>0.5</u> feet			
Surface Seal Material: <u>Portland Cement</u>				Surface Seal Length: <u>0.5</u> feet from <u>0</u> feet to <u>0.5</u> feet			

WELL DEVELOPMENT DATA

Well Development Date: <u>1/12/21</u>		Well Development Method (check one): <input type="checkbox"/> Surge/Pump <input type="checkbox"/> Pump <input type="checkbox"/> Compressed Air <input checked="" type="checkbox"/> Other (describe) <u>TRAVEL</u>					
Development Pump Type (check): <input type="checkbox"/> Centrifugal <input type="checkbox"/> Peristaltic <input type="checkbox"/> Submersible <input checked="" type="checkbox"/> Other (describe) <u>Suction</u>				Depth to Groundwater (before developing, in feet): <u>2.98</u>			
Pumping Rate (gallons per minute): <u>1</u>		Maximum Drawdown of Groundwater During Development (feet): <u> </u>		Well Purged Dry (check one): <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
Pumping Condition (check one): <input checked="" type="checkbox"/> Continuous <input type="checkbox"/> Intermittent		Total Development Water Removed (gallons): <u>31</u>		Development Duration (minutes): <u>31</u>		Development Water Drummed (check one): <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Water Appearance (color and odor) At Start of Development: <u>clear no odor</u>				Water Appearance (color and odor) At End of Development: <u>clear no odor</u>			
Development Calculation: 5 WELL VOLUMES = (TOTAL WELL DEPTH - STATIC DEPTH TO WATER) X WELL CAPACITY X 5 = (<u>12</u> feet <u>2.98</u> feet) X <u>0.16</u> gallons/foot = <u>1.4</u> gallons X 5 = <u>7.2</u> gallons							
WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 1.5" = 0.09 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88							

Recorded by: <u>[Signature]</u>	Date: <u>1/12/21</u>
Reviewed by: <u>[Signature]</u>	Date: <u>1/12/21</u>

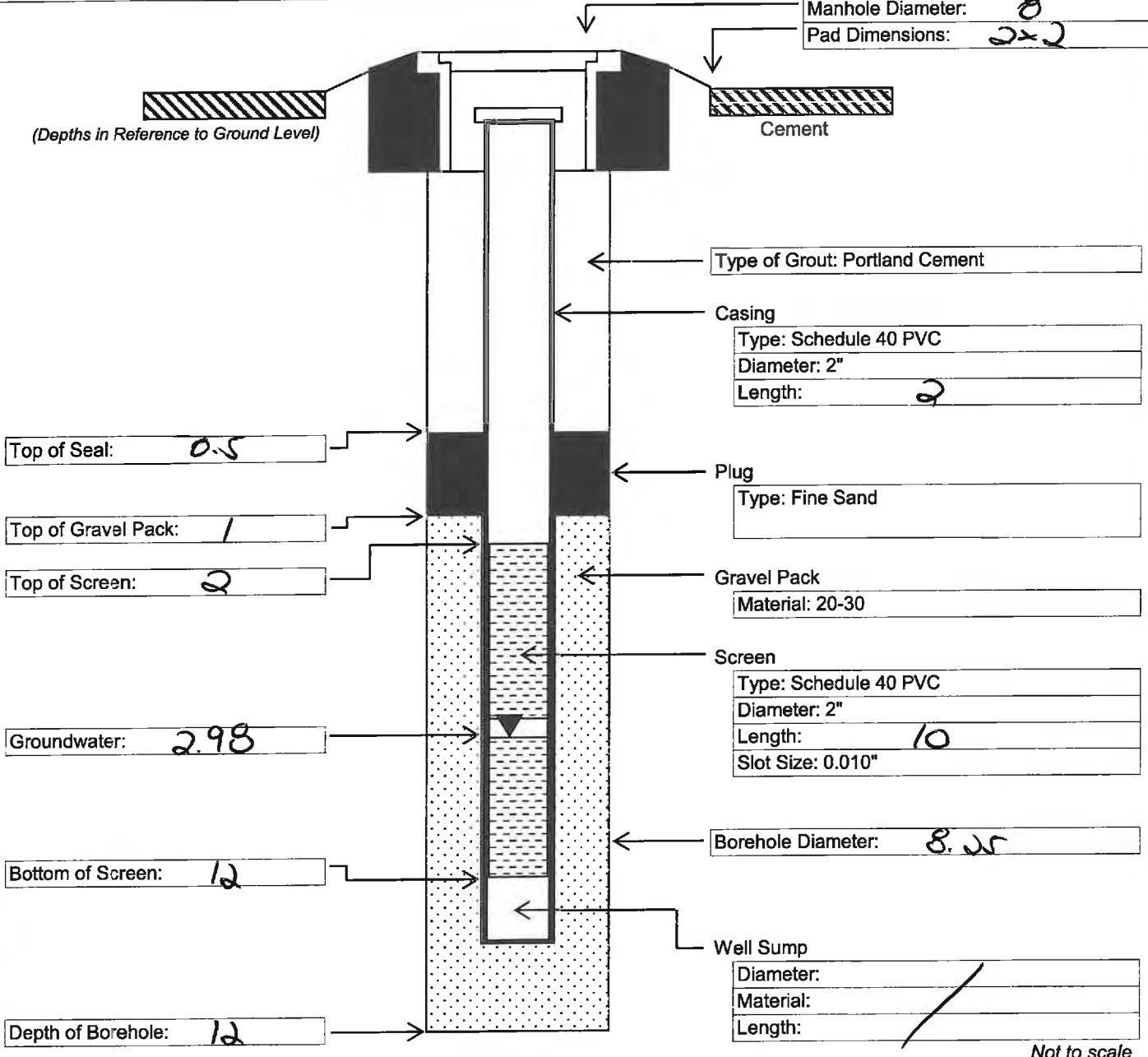
MONITOR WELL CONSTRUCTION LOG (SINGLE CASED)

PROJECT INFORMATION

Project # / Site Name: **2020-0087** *Speedway 6893* *14*
 Site Address: **1508 79th St. ~~Swy~~, North Bay Village, Miami, FL 33141**
 Fac ID #: **13/8506324** Work Order #: **PO # B7CB83** Project Manager: **Phil Hoffken**

Well # *MW-N*

Manhole Diameter: *8*
 Pad Dimensions: *2x2*



Type of Grout: Portland Cement

Casing
 Type: Schedule 40 PVC
 Diameter: 2"
 Length: *2*

Top of Seal: *0.5*

Plug
 Type: Fine Sand

Top of Gravel Pack: *1*

Gravel Pack
 Material: 20-30

Top of Screen: *2*

Screen
 Type: Schedule 40 PVC
 Diameter: 2"
 Length: *10*
 Slot Size: 0.010"

Groundwater: *2.98*

Borehole Diameter: *8.25*

Bottom of Screen: *12*

Well Sump
 Diameter:
 Material:
 Length:

Depth of Borehole: *12*

Not to scale

Comments:

SIGNATURES

Recorded by:
 Reviewed by:

[Handwritten Signature] Date: *1/22/21*
[Handwritten Signature] Date: *1/22/21*

WELL CONSTRUCTION DATA

Well Number: <u>MW-L</u>		Site Info: <u>Speedway 6893</u>		FDEP Facility I.D. Number: <u>13/8506324</u>		Well Install Date(s): <u>1/12/21</u>	
Project #: <u>2020-0087</u>							
Well Location and Type (check appropriate boxes):				Well Purpose:		Well Install Method (Circle):	
<input checked="" type="checkbox"/> On-Site <input type="checkbox"/> Off Site (Private Property) <input type="checkbox"/> Above Grade (AG)		<input type="checkbox"/> Right-of-Way <input checked="" type="checkbox"/> Flush-to-Grade		<input checked="" type="checkbox"/> Shallow (Water-Table Monitoring) <input type="checkbox"/> Intermediate or Deep Monitoring <input type="checkbox"/> Perched Monitoring <input type="checkbox"/> Remediation or Other (describe)		<input checked="" type="checkbox"/> HSA <input type="checkbox"/> MR, SSA, DPT, BA, Sonic Surface Casing Install Method (Circle): NA	
If AG list feet of riser above land surface:							
Borehole Depth (feet): <u>12</u>		Well Depth (feet): <u>12</u>		Manhole Diameter (inches): <u>8</u>		Well Pad Size: <u>2</u> feet by <u>2</u> feet	
Borehole Diameter - inches (Check One): <input type="checkbox"/> 3.25" <input checked="" type="checkbox"/> 8.25" <input type="checkbox"/> 10" <input type="checkbox"/> 12" <input type="checkbox"/> Other (specify)							
Riser Diameter and Material: <u>2-inch Schedule 40 PVC</u>			Riser/Screen Connections: <input checked="" type="checkbox"/> Flush - Threaded <input type="checkbox"/> Other (describe)		Riser Length: _____ feet from _____ feet to _____ feet		
Screen Diameter and Material: <u>2-inch Schedule 40 PVC</u>			Screen Slot Size: <u>0.010"</u>		Screen Length: _____ feet from _____ feet to _____ feet		
1 st Surface Casing Material: also check: <input type="checkbox"/> Permanent <input type="checkbox"/> Temporary			1 st Surface Casing I.D. (inches):		1 st Surface Casing Length: _____ feet from _____ feet to _____ feet		
2 nd Surface Casing Material: also check: <input type="checkbox"/> Permanent <input type="checkbox"/> Temporary			2 nd Surface Casing I.D. (inches):		2 nd Surface Casing Length: _____ feet from _____ feet to _____ feet		
3 rd Surface Casing Material: also check: <input type="checkbox"/> Permanent <input type="checkbox"/> Temporary			3 rd Surface Casing I.D. (Inches):		3 rd Surface Casing Length: _____ feet from _____ feet to _____ feet		
Filter Pack Material & Size: <u>20/30 Sand</u>		Prepacked Filter Around Screen (check one): <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			Filter Pack Length: <u>11</u> feet from <u>1</u> feet to <u>12</u> feet		
Filter Pack Seal Material and Size: <u>Fine Sand</u>				Filter Pack Seal Length: <u>0.5</u> feet from <u>0.5</u> feet to <u>1</u> feet			
Surface Seal Material: <u>Portland Cement</u>				Surface Seal Length: <u>0.5</u> feet from <u>0</u> feet to <u>0.5</u> feet			

WELL DEVELOPMENT DATA

Well Development Date: <u>1/12/21</u>		Well Development Method (check one): <input type="checkbox"/> Surge/Pump <input type="checkbox"/> Pump <input type="checkbox"/> Compressed Air <input checked="" type="checkbox"/> Other (describe) <u>TRASH</u>					
Development Pump Type (check): <input type="checkbox"/> Centrifugal <input type="checkbox"/> Peristaltic <input type="checkbox"/> Submersible <input checked="" type="checkbox"/> Other (describe) <u>Suction</u>				Depth to Groundwater (before developing, in feet): <u>3.11</u>			
Pumping Rate (gallons per minute): <u>1</u>		Maximum Drawdown of Groundwater During Development (feet): <u>✓</u>		Well Purged Dry (check one): <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
Pumping Condition (check one): <input checked="" type="checkbox"/> Continuous <input type="checkbox"/> Intermittent		Total Development Water Removed (gallons): <u>22</u>		Development Duration (minutes): <u>22</u>		Development Water Drummed (check one): <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Water Appearance (color and odor) At Start of Development: <u>clear no odor</u>				Water Appearance (color and odor) At End of Development: <u>clear no odor</u>			
Development Calculation: 5 WELL VOLUMES = (TOTAL WELL DEPTH - STATIC DEPTH TO WATER) X WELL CAPACITY X 5 = (<u>12</u> feet - <u>3.11</u> feet) X <u>0.16</u> gallons/foot = <u>1.4</u> gallons X 5 = <u>7.1</u> gallons							
WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 1.5" = 0.09 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88							

Recorded by: _____	Date: <u>1/12/21</u>
Reviewed by: _____	Date: <u>1/13/21</u>

MONITOR WELL CONSTRUCTION LOG (SINGLE CASED)

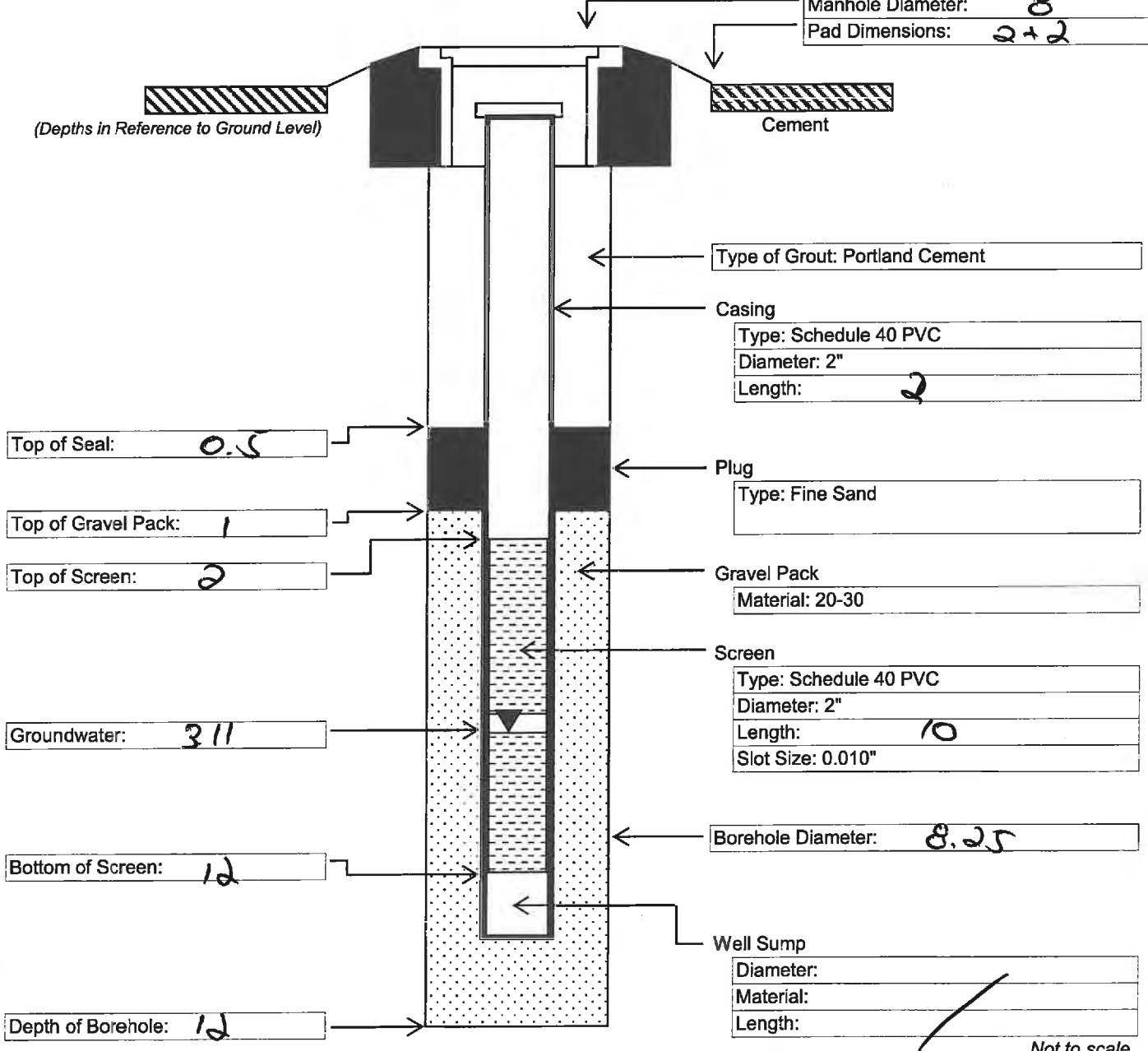
PROJECT INFORMATION

Project # / Site Name: **2020-0087 / Speedway 6893**
 Site Address: **1508 79th St. SW, North Bay Village, Miami, FL 33141**
 Fac ID #: **13/8506324** Work Order #: **PO # B7CB83** Project Manager: **Phil Hoffken**

Well # **MW-L**

Manhole Diameter: **8"**
 Pad Dimensions: **2+2**

(Depths in Reference to Ground Level)



Type of Grout: Portland Cement

Casing
 Type: Schedule 40 PVC
 Diameter: 2"
 Length: **2**

Top of Seal: **0.5**

Plug
 Type: Fine Sand

Top of Gravel Pack: **1**

Gravel Pack
 Material: 20-30

Top of Screen: **2**

Screen
 Type: Schedule 40 PVC
 Diameter: 2"
 Length: **10**
 Slot Size: 0.010"

Groundwater: **3.11**

Borehole Diameter: **8.25**

Bottom of Screen: **12**

Well Sump
 Diameter:
 Material:
 Length:

Depth of Borehole: **12**

Not to scale

Comments:

SIGNATURES

Recorded by: _____ Date: **11/12/21**
 Reviewed by: _____ Date: **11/12/21**

WELL CONSTRUCTION DATA

Well Number: <u>MW-M</u>		Site Info: <u>Speedway 6893</u>		FDEP Facility I.D. Number: <u>13/8506324</u>		Well Install Date(s): <u>1/12/20</u>	
Project #: <u>2020-0087</u>							
Well Location and Type (check appropriate boxes): <input checked="" type="checkbox"/> On-Site <input type="checkbox"/> Right-of-Way <input type="checkbox"/> Off Site (Private Property) <input checked="" type="checkbox"/> Flush-to-Grade <input type="checkbox"/> Above Grade (AG)				Well Purpose: <input checked="" type="checkbox"/> Shallow (Water-Table Monitoring) <input type="checkbox"/> Intermediate or Deep Monitoring <input type="checkbox"/> Perched Monitoring <input type="checkbox"/> Remediation or Other (describe)		Well Install Method (Circle): <input checked="" type="checkbox"/> HSA MR, SSA, DPT, BA, Sonic Surface Casing Install Method (Circle): NA	
If AG list feet of riser above land surface:							
Borehole Depth (feet): <u>12</u>		Well Depth (feet): <u>12</u>		Manhole Diameter (inches): <u>8</u>		Well Pad Size: <u>2</u> feet by <u>2</u> feet	
Borehole Diameter - inches (Check One): <input type="checkbox"/> 3.25" <input checked="" type="checkbox"/> 8.25" <input type="checkbox"/> 10" <input type="checkbox"/> 12" <input type="checkbox"/> Other (specify)							
Riser Diameter and Material: <u>2-inch Schedule 40 PVC</u>			Riser/Screen Connections: <input checked="" type="checkbox"/> Flush - Threaded <input type="checkbox"/> Other (describe)		Riser Length: <u>2</u> feet from <u>0</u> feet to <u>2</u> feet		
Screen Diameter and Material: <u>2-inch Schedule 40 PVC</u>			Screen Slot Size: <u>0.010"</u>		Screen Length: <u>10</u> feet from <u>2</u> feet to <u>12</u> feet		
1 st Surface Casing Material: also check: <input type="checkbox"/> Permanent <input type="checkbox"/> Temporary		1 st Surface Casing I.D. (inches):		1 st Surface Casing Length: _____ feet from _____ feet to _____ feet			
2 nd Surface Casing Material: also check: <input type="checkbox"/> Permanent <input type="checkbox"/> Temporary		2 nd Surface Casing I.D. (inches):		2 nd Surface Casing Length: _____ feet from _____ feet to _____ feet			
3 rd Surface Casing Material: also check: <input type="checkbox"/> Permanent <input type="checkbox"/> Temporary		3 rd Surface Casing I.D. (inches):		3 rd Surface Casing Length: _____ feet from _____ feet to _____ feet			
Filter Pack Material & Size: <u>20/30 Sand</u>		Prepacked Filter Around Screen (check one): <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		Filter Pack Length: <u>11</u> feet from <u>1</u> feet to <u>12</u> feet			
Filter Pack Seal Material and Size: <u>Fine Sand</u>				Filter Pack Seal Length: <u>0.5</u> feet from <u>0.5</u> feet to <u>1</u> feet			
Surface Seal Material: <u>Portland Cement</u>				Surface Seal Length: <u>0.5</u> feet from <u>0</u> feet to <u>0.5</u> feet			

WELL DEVELOPMENT DATA

Well Development Date: <u>1/12/20</u>		Well Development Method (check one): <input type="checkbox"/> Surge/Pump <input type="checkbox"/> Pump <input type="checkbox"/> Compressed Air <input checked="" type="checkbox"/> Other (describe) <u>TRASH</u>					
Development Pump Type (check): <input type="checkbox"/> Centrifugal <input type="checkbox"/> Peristaltic <input type="checkbox"/> Submersible <input checked="" type="checkbox"/> Other (describe) <u>SUCTION</u>				Depth to Groundwater (before developing, in feet): <u>2.41</u>			
Pumping Rate (gallons per minute): <u>1</u>		Maximum Drawdown of Groundwater During Development (feet): _____		Well Purged Dry (check one): <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
Pumping Condition (check one): <input checked="" type="checkbox"/> Continuous <input type="checkbox"/> Intermittent		Total Development Water Removed (gallons): <u>25</u>		Development Duration (minutes): <u>25</u>		Development Water Drummed (check one): <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Water Appearance (color and odor) At Start of Development: <u>Lt TAN no odor</u>				Water Appearance (color and odor) At End of Development: <u>clear no odor</u>			
Development Calculation: 5 WELL VOLUMES = (TOTAL WELL DEPTH - STATIC DEPTH TO WATER) X WELL CAPACITY X 5 = (<u>12</u> feet - <u>2.41</u> feet) X <u>0.16</u> gallons/foot = <u>1.5</u> gallons X 5 = <u>7.7</u> gallons							
WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 1.5" = 0.09; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88							

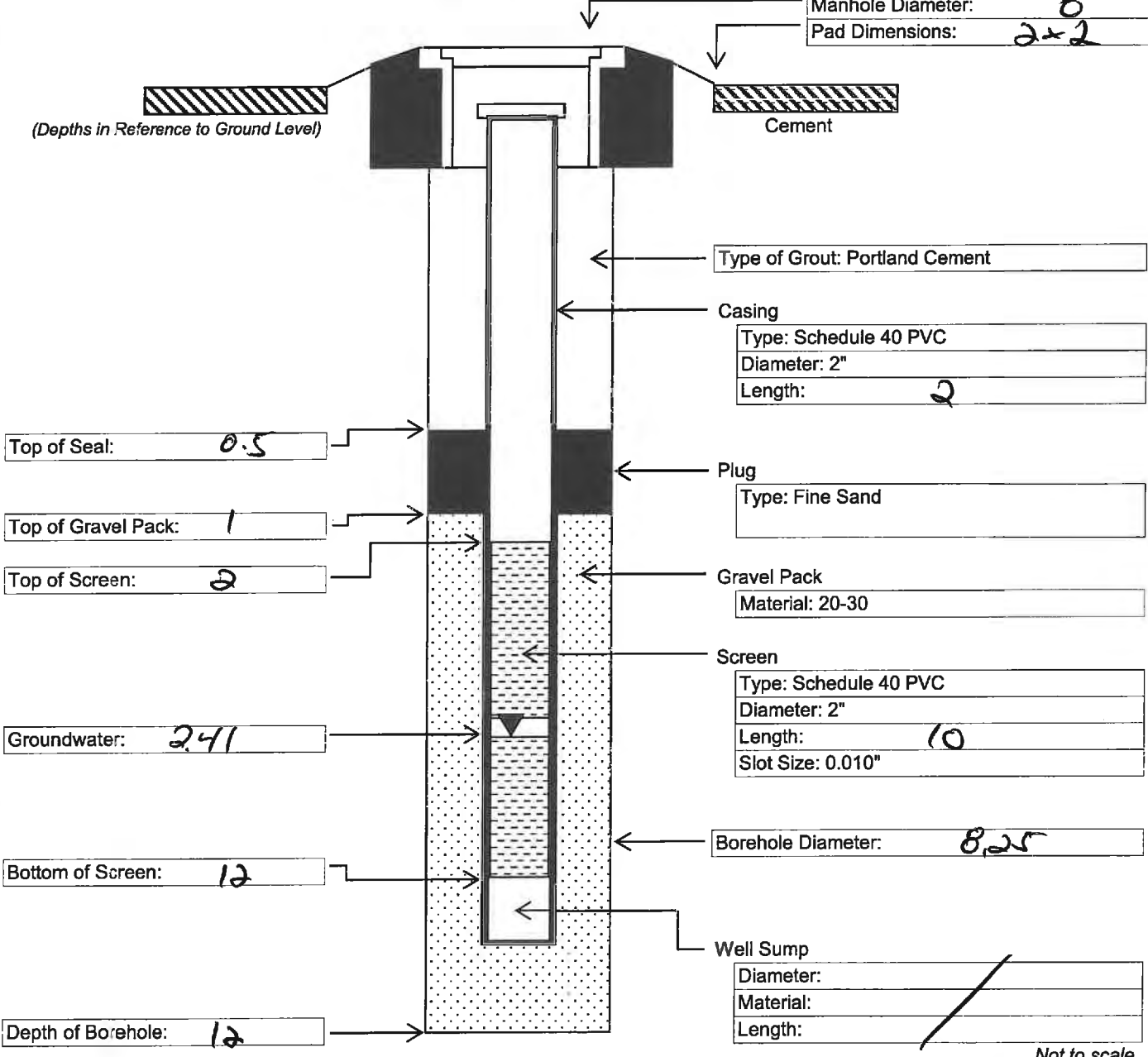
Recorded by: _____	Date: <u>1/12/20</u>
Reviewed by: _____	Date: <u>1/13/20</u>

MONITOR WELL CONSTRUCTION LOG (SINGLE CASED)

PROJECT INFORMATION

Project # / Site Name: **2020-008711 Speedway 6893** Well # **MW-11**
 Site Address: **1508 79th St. ~~City~~, North Bay Village, Miami, FL 33141**
 Fac ID #: **13/8506324** Work Order #: **PO # B7CB83** Project Manager: **Phil Hoffken**

Manhole Diameter: **8**
 Pad Dimensions: **2x2**



Comments:

SIGNATURES

Recorded by: *[Signature]* Date: **1/12/20**
 Reviewed by: *[Signature]* Date: **1/13/21**

TERRA-COM DRUM INVENTORY / SAMPLING FORM

PROJECT INFORMATION

Project # / Site Name: 2020-00874x **Speedway 6893**
Site Address: 1508 79th St. ~~Co~~wy, North Bay Village, Miami, FL 33141
Fac ID #: 13/8506324 Work Order #: PO # B7CB83 Project Manager: **Phil Hoffken**

DRUM DATA

Drum ID	Date of Origin	Drum Contents	Source of Contents	Originated by	Comments
D-1	1/12/21	soil CUTTING	MW - L & M	FDEP	
D-2	↓	↓	MW - N & O	↓	

Note: Insure that all drums have placards on them

SIGNATURES

Recorded by:  Date: 1/12/21
Reviewed by:  Date: 1/12/21

TERRA-COM ELEVATION SURVEY WORKSHEET

PROJECT INFORMATION

Project # / Site Name: Speedway 6893 ¹⁷¹ Project #: 2020-0087
 Site Address: 1508 79th St. ~~East~~, North Bay Village, Miami, FL 33151
 Fac ID #: 13/8506324 Work Order #: PO # B7CB83 Project Manager: Phil Hoffman

INSTRUMENT DATA

Level Serial Number: _____ Rod Serial Number: _____

SURVEY DATA								
Survey Station #	Well/Point ID	BS(+)	IH ^a	FS(-)	Elevation (ft) ^b	Depth to Water from TOC	Water Level Elevation	Comments
1	MW-A		19.71	5.42	14.29			
1	MW-B		19.71	5.08	15.08 14.63			
1	MW-C		19.71	4.85	14.86			
1	MW-D		19.71	5.04	14.67			
1	MW-E	5.07	19.71		14.64			

ALL level circuits must be closed and level notes proofed
^a IH (Instrument Height) = benchmark (BM) elevation + backsight (BS)
^b Measuring point elevation = HI - foresight (FS)

SIGNATURES

Levelman / Recorded by: _____ Date: 1/12/20
 Rodman: ARS Date: 1/12/24
 Reviewed by: _____ Date: 1/13/24

TERRA-COM DAILY FIELD LOG

PROJECT INFORMATION

Project # / Site Name: **2020-0087 / Speedway 6893** Date: **3/4/21**
 Site Address: **1508 79th St. ~~East~~, North Bay Village, Miami, FL 33141**
 Fac ID #: **13/8506324** Work Order #: **PO # B7CB83** Project Manager: **Phil Hoffken**

DAY LOG

Time	Comments
0830	Phil Hoffken + Brandon Blum LEAVE VERO BEACH w/ FORD F-150 (V-1)
1010	ARRIVE ON-SITE + CHECK IN w/ MANAGEMENT.
1015	CONDUCT HAZ.
1020	BEGIN BORING SB-21-01 VIA HA
1100	COMPLETE BORING SB-21-01 TO 2'
1115	BEGIN BORING SB-21-02 VIA HA.
1140	COMPLETE BORING SB-21-02 TO 2'
1143	BEGIN BORING SB-21-03 VIA HA.
1155	COMPLETE BORING SB-21-03 TO 2'
1157	BEGIN BORING SB-21-04 VIA HA.
1210	COMPLETE BORING SB-21-04 TO 2'.
1215	BEGIN BORING SB-21-05 VIA HA.
1230	COMPLETE BORING SB-21-05 TO 2'.
1245	LEAVE SITE.
1500	ARRIVE @ VERO BEACH

Phil Hoffken 3/4/21

SIGNATURES

Prepared by: **Philip Hoffken Jr.** Date: **3/2/2021**
 Recorded by: _____ Date: **3/4/21**
 Reviewed by: _____ Date: **3/6/21**

FIELD EVENT: Task 2

TERRA-COM FIELD TRIP PLAN APPROVAL FORM

PROJECT INFORMATION		
Site Name: Speedway 6893	<i>AP</i>	Project #: 2020-0087
Site Address: 1508 79th St. East, North Bay Village, Miami, FL 33141		
Fac ID #: 13/8506324	Work Order #: PO # B7CB83	Project Manager: Phil Hoffken

PROPOSED SCHEDULE		
Activity ^a	Location	Planned Date
Soil Borings	On-site	3/4/2021

^a Attach a detailed field schedule if necessary ^b Meeting may be waived, however, approvals are REQUIRED

FIELD FORMS (Please check all the forms included in field packet or log book)

Mandatory QA Forms	Field Forms (continued)
<input checked="" type="checkbox"/> Field Trip Plan Approval Form (i.e. this form) This form MUST ALWAYS be attached and signed	<input type="checkbox"/> Well Construction and Development Data Form
<input checked="" type="checkbox"/> Field Activity Request Form (and if necessary) Add'l Instructions Form, Method Per Well Form	<input type="checkbox"/> Well Construction Diagram - Single Cased
<input checked="" type="checkbox"/> Field Trip Information Form (Site Location and, if known, team must be identified PRIOR to approval)	<input type="checkbox"/> Well Construction Diagram - Double Cased
<input checked="" type="checkbox"/> Field Sampling / Purging Equipment Checklist (include sampling equipment required for this field effort)	<input type="checkbox"/> Drum Inventory / Sampling Form
<input checked="" type="checkbox"/> Equipment / Supplies Checklist (Use for all other field equipment and supplies)	<input type="checkbox"/> Well Inspection Form
Mandatory (if applicable) QA Forms	<input type="checkbox"/> Groundwater Mobile Lab Data Form
<input checked="" type="checkbox"/> Field Equipment Calibration Form	<input type="checkbox"/> Soil Excavation Grid Form
<input checked="" type="checkbox"/> Tailgate Safety Meeting Form - Always required even if you are alone. All visitors must also sign this form.	<input type="checkbox"/> UST/AST Closure Assessment Summary Sheet
<input checked="" type="checkbox"/> Field Decontamination Form - Check appropriate box for each piece of equipment that is deconned.	<input type="checkbox"/> Soil Grid Map
<input checked="" type="checkbox"/> Chain-of-Custody Form(s) (Check if required, but keep forms with sample containers)	<input type="checkbox"/> Air Sparging / Vapor Extraction System Data Form
Field Forms	<input type="checkbox"/> Project Exposure Record
<input type="checkbox"/> Elevation Survey Worksheet	<input type="checkbox"/> Daily Log
<input type="checkbox"/> Groundwater / Hydrocarbon Level Data Form	<input checked="" type="checkbox"/> Weekly Equipment Usage Report
<input type="checkbox"/> Groundwater Sampling Log	<input checked="" type="checkbox"/> Incident Notification Form and Protocol/Procedures
<input checked="" type="checkbox"/> Soil and/or Well Boring Log	<input checked="" type="checkbox"/> Site and Station Location Map (Include aerial photo, tax map, etc., if available, and indicate sample points)
<input type="checkbox"/> Analytical Soil Sampling Data Form	<input type="checkbox"/> _____ <input type="checkbox"/> _____ <input type="checkbox"/> _____

Utility Clearance Ticket # (Required for ALL Intrusive work): N/A

SIGNATURES (This form must be signed PRIOR to leaving for the field)

Prepared by: Philip Hoffken Jr.	Title: PM	Date: 3/2/2021
Reviewed by:	Title: PM, TM, FTL, FSM	Date: 3/4/21
Reviewed by:	Title: PM, QAM, FSM	Date: 3/6/21

PM-Project Manager, TM-Task Manager, FTL-Field Team Leader, FSM-Field Services Manager, QAM-QA Manager

TERRA-COM FIELD ACTIVITY REQUEST FORM

PROJECT INFORMATION

Project # / Site Name: **2020-0087 Speedway 6893**
 Site Address: **1508 79th St. ~~SW~~, North Bay Village, Miami, FL 33147**
 Fac ID # **13/8506324** | Work Order # **PO # B7CB83** | Project Manager: **Phil Hoffken**

ACTIVITIES

QTY *	Activity	QTY *	Activity
	Drill Monitor Wells (Map attached? Y or N)		SYSTEM EXAMINATION
	Drill Soil Borings (Map attached? Y or N)		Gauge Recovery Well
y	Hand Auger Borings (Map attached? Y or N)		Gauge Recovery Tank
	Develop Wells		Clean Probes
	Measure Water Level & / or Product Thickness		Check Recovery System
	Bail Product from Monitor Wells		Sample System Influent / Effluent
	Survey Monitor Wells		Clean & Organize Recovery Area
	Potable Well Survey		O&M Maintenance, Inspection, & Cleaning
	Area Use Survey		Other:
	Soil Excavation		Other:
	Soil Disposal		Other:
	Drum Soil Cuttings		SAMPLES
	Well Abandonment		Groundwater Gasoline Analytical Group
	System Installation		Groundwater Kerosene Analytical Group
	Other:		Engineering Parameters (specify below)
			VES Influent - Method 18 in Air
			VES Effluent - Method 18 in Air
			Soil Samples
			OVA Screening / Head Space
			Field Parameters - -pH, C, T, DO
			Equipment Blanks, Pre-cleaned
			Equipment Blanks, Field-cleaned
			Trip Blanks
			Duplicate Samples
			Groundwater Samples:
			BTEX/MTBE
			PAHs
			TRPHs
			Total Lead
			EDB
			KAG
		x	Soil Samples:
			BTEX/MTBE
			PAHs
			TRPHs + TRPH Fractionation
			4 RCRA Metals
		5	Arsenic
			Other:
			Other:

* QTY = Quantity (check the box or indicate the number required)

SIGNATURES (This form must be signed PRIOR to leaving for the field)

Prepared by: **Philip Hoffken Jr.** Date: **3/2/2021**
 Field Checked by: Date: **2/4/21**
 Reviewed by: Date: **3/16/21**

TERRA-COM FIELD ACTIVITY REQUEST FORM (continued)

PROJECT INFORMATION

Project # / Site Name: **2020-0087** *PH* **Speedway 6893** *PH*
Site Address: **1508 79th St. ~~East~~**, North Bay Village, ~~Miami~~, FL **33141**
Fac ID #: **13/8506324** Work Order #: **PO # B7CB83** Project Manager: **Phil Hoffken**

ADDITIONAL COMMENTS OR INSTRUCTIONS

- Meet on-site at 10am
- Conduct HASP and locate drilling locations and markout and review any possible utility conflicts
- Hand Auger borings to 2'
- collect soil samples from 1-2'

SIGNATURES (This form must be signed PRIOR to leaving for the field)

Prepared by: **Philip Hoffken Jr.**

Date: **3/2/2021**

Field Checked by:

PH
Date: **2/4/21**

Reviewed by:

PH
Date: **3/6/21**

TERRA-COM FIELD TRIP INFORMATION FORM

PROJECT INFORMATION

Project # / Site Name: 2020-0087^{NY} Speedway 6893^{NY}		DATE: 3/4/21
Site Address: 1508 79th St. SW, North Bay Village, Miami, FL 33141		
Fac ID # 13/8506324	Work Order # PO # B7CB83	Project Manager: Phil Hoffken

TERRA-COM PERSONNEL

Role	Name (Printed) *	Signed Initials	Time	
			Arrive	Depart
Field Team Leader	Philip Hoffken Jr	<i>PH</i>	1010	1245
Field Team Member	BRENDON BLUM	<i>BB</i>	1010	1245

NON-TERRA-COM PERSONS PRESENT

Name (Printed) *	Affiliation	Arrive	Depart

* Enter names prior to field trip, if known

ADDITIONAL COMMENTS OR INSTRUCTIONS

SIGNATURES (This form must be signed PRIOR to leaving for the field)

Prepared by: Philip Hoffken Jr.	Date: 3/2/2021
Logged by: <i>[Signature]</i>	Date: 3/4/21
Reviewed by: <i>[Signature]</i>	Date: 3/6/21

TERRA-COM FIELD EVENT NOTIFICATIONS FORM

PROJECT INFORMATION

Project # / Site Name: **2020-0087 Speedway 6893** *NY* DATE: **3/2/2021**
 Site Address: **1508 79th St. ~~Qway~~ North Bay Village, Miami, FL 33177**
 Fac ID # **13/8506324** Work Order # **PO # B7CB83** Project Manager: **Phil Hoffken**

FDEP NOTIFICATION(S)

Person Notified	FDEP Office	Date Notified	Notified By	Copy Attached
Rafael Maldonado		2/25/2021	e-mail	no
prp		2/25/2021	e-mail	no
DERM		2/25/2021	e-mail	no

CLIENT NOTIFICATION(S)

Client Name	Person Notified	Date Notified	Notified By	Copy Attached
Site Rep.	Bryan Witt	2/25/2021	e-mail	no

OTHER NOTIFICATIONS (Tenant, Lessor, Offsite, Property Owner, etc.)

Entity Name	Person Notified	Date Notified	Notified By	Copy Attached

SIGNATURES (This form must be signed PRIOR to leaving for the field)

Prepared by: **Philip Hoffken Jr.** Date: **3/2/2021**
 Logged by: **Philip Hoffken Jr.** Date: **3/2/2021**
 Reviewed by: *bb* Date: *3/2/2021*

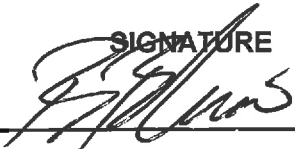
TERRA-COM TAILGATE SAFETY MEETING FORM



Date: 3/4/21 Time: 1015 Project Number: 2020-0087
Site Name: Speedway 6893 Site Address: 1508 79th St. ¹⁷⁴ ~~6893~~, North Bay Village, ¹⁷⁴ ~~Miami~~, FL 33141
Fac ID #: 13/8506324 Work Order #: PO # B7CB83 Project Manager: Phil Hoffken

SAFETY TOPICS PRESENTED

Scope of Work: Soil Borings and MW Install ¹⁷⁴
Protective Clothing/Equipment: Modified Level D
Chemical Hazards: BTEX/MTBE, PAHs, TRPHs in Trace Quantities
Physical Hazards: Traffic, Underground and Overhead Utilities, Slip/Trip/Fall
Special Equipment: T/A, Drill Rig, etc.
Emergency Procedures: Call 911. Do Not Transport unless injury/illness is minor.
Hospital: See HASP Phone: See HASP Ambulance Phone: 911
Hospital Address and Route: See attached map

ATTENDEES

NAME PRINTED	SIGNATURE
<u>Brendon Blum</u>	

Meeting Conducted by:  Date: 3/4/21
Reviewed by:  Date: 3/6/21

TERRA-COM EQUIPMENT/SUPPLIES CHECKLIST

PROJECT INFORMATION

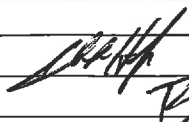

Project # / Site Name: **2020-0087 Speedway 6893**
 Site Address: **1508 79th St. ~~Carry~~, North Bay Village, Miami, FL 33141**
 Fac ID #: **13/8506324** | Work Order # **PO # B7CB83** | Project Manager: **Phil Hoffken**

EQUIPMENT & SUPPLIES

Qty	Load?	Item	Qty	Load?	Item
SITE SAFETY			DECONTAMINATION		
1	Y	Site Health & Safety Plan	1	X	Decon Sprayers (DI Water & Alcohol)
		Hard Hat	1		De-ionized &/or Tap Water
		Ear Protection	1		Alconox or Liquinox Soap
1	Y	Portable Eye Wash	1		Cleaning Brushes
1	Y	First Aid Kit	1		Paper Towels
		Respirator	1	X	Decontamination Buckets
1	Y	Fire Extinguisher			
4		Traffic Cones			
1		Safety Vest			
1		Safety Boots			
1		Safety Glasses			
			GEO	Y	MISCELLANEOUS
			1		Tool Box: REMED or GEOHYDRO
			1		Clipboard
			1		Camera
					Shovel: ROUND or SQUARE
					Pick Axe
5 kits	Y	Sample Kits (including coolers)			Breaker Bar
2 boxes		Mason Jars & Aluminum Foil			Asphalt Patch
2		5-gallon bucket			Broom
x		Latex Gloves			Extension Cords
		Line: NYLON, ROLLS	x	Y	Zip Ties, Well Locks, Caps, Keys
		Visqueen or Equivalent			Tape Measure: Tape or Rollertape
		Generator			Boit Cutters
		Well Points ____ ft riser; ____ ft screen	x	Y	Survey Equipment
		Winch &/or Tripod			Flow Cell
x	Y	TVA / OVA with Calibration Gas	x	Y	Calibration Standards
x	Y	Water Level Indicator/Interface Probe			
		PH/Conductivity Meter			
		Grundfos Pump with Controler and Tubing	1	Y	DOCUMENTATION
		Diaphragm Pump & hoses	1		FDEP Work Order or DP Proposal Copy
		YSI Multimeter	1		SOPs (FDEP, Terra-Com)
		Peristaltic Pump with Battery and Tubing	1		IRA
		Concrete Core Drill	1		Discharge Reporting Form
x	Y	Hand Auger Set	1		FAC Rules 17-770, 17-761, other
		Hach Turbidity Meter			Soil Sampling &/or Closure Guidelines

ADDITIONAL COMMENTS OR INSTRUCTIONS

SIGNATURES (This form must be signed PRIOR to leaving for the field)

Prepared by: **Philip Hoffken Jr.** Date: **3/2/2021**
 Logged by:  Date: **3/4/21**
 Reviewed by:  Date: **3/10/21**

TERRA-COM FIELD DECONTAMINATION FORM

PROJECT INFORMATION

Site Name: **Speedway 6893** *MP* Project #: **2020-0087**
 Site Address: **1508 79th St. Gandy, North Bay Village, Miami, FL 33144**
 Fac ID #: **13/8506324** Work Order #: **PO # B7CB83** Project Manager: **Phil Hoffken**

DECONTAMINATION PROCEDURES

Pre-cleaned by:

FC 1000 Section #	Decon. Proc. Description ^a	Equip. ID ^b	Sample Point #									
			1	2	3	4	5	6	7	8	9	10

Field Decontamination - FC 1130 General Cleaning

FC 1131	Cleaning procedure for Teflon, Stainless Steel, and Glass Sampling Equipment. Check one box for each procedure.	Hand Auger	✗	✗	✗	✗	✗								
FC 1132	Cleaning procedure for Plastic Sampling Equipment.														
FC 1160.3	Cleaning procedure for Teflon, Polyethylene, and Polypropylene Tubing*.														

FC 1170 - Pumps

FC 1170.1	Submersible Pumps														
FC 1170.2	Above-ground Pumps used for purging and sampling														

FC 1190 - Ice Chests and Sampling Containers

FC 1190	Ice Chests														
---------	------------	--	--	--	--	--	--	--	--	--	--	--	--	--	--

FC 1200 - Field Instruments & Drilling Equipment

FC 1210	Field Instruments - (WLI, tapes, meters, etc.) Check one box for each procedure.	WLI YSI													
FC 1220	Soil Boring Equip. (Only that not used to sample).														
FC 1230	Well Casing Cleaning - (ONLY well riser, casing, and screen that is NOT wrapped in plastic).														

^a Refer to DEP-SOP-001/01 FC 1000 for decontamination protocols. * Field decontamination of tubing is NOT recommended.

^b Record identification number found in left-most column of Field Sampling/Purging Equipment Checklist

SIGNATURES

Prepared by: **Philip Hoffken Jr.** Date: **3/2/2021**
 Logged by: *[Signature]* Date: **3/4/21**
 Reviewed by: *[Signature]* Date: **3/10/21**

Boring/Well #: SB-21-01	Utility Clearance #:	FDEP Facility Identification Number: 13/8506324	
Project #: 2020-0087	FDOT ROW Permit #: NA		
Site Name: Speedway 6893	Borehole Start Date: 3/4/21	Borehole Start Time: 1030	
Address: 1508 79th St. ¹⁰⁹ North Bay Village, ¹⁰⁹ FL 33141	Borehole End Date:	Borehole End Time: 1100	
Environmental Contractor: TERRA-COM Environmental Consulting, Inc.	Geologist's Name: Philip Hoffken Jr.	Technician's Name: Brendon Blum	
Drilling Company: TERRA-COM Environmental Consulting, Inc.	Pavement Thickness (inches): 3	Borehole Diameter (inches): 3.5"	Borehole Depth (feet): 2
Drilling Method(s): HA	Apparent Borehole DTW (feet from soil moisture content): NA	Measured Well DTW (in feet after water recharges in well): NA	TVA S/N or Equipment ID Number: TVA 1000 # _____

Disposition of Drill Cuttings [check method(s)]: Drum Grout Backfill Stockpile Other (Describe)
 (describe if other or multiple items are checked):

Borehole Completion (check one): Well Grout Bentonite Backfill Other (Describe)

Sample Type	Sample Depth Interval (feet)	Sample Recovery (per centage -%)	S. Blows (per six inches)	Unfiltered OVA	Filtered OVA	NOVA	Depth (feet)	Sample Description (include grain size based on USCS, odors, staining, and other remarks)	Use Symbol	Moisture Content	Soil and Groundwater Samples (list sample # and depth or temp screen interval)
HA	0-1	NA	NA	-	-	-	1	Brown med + fine sand / 6 gravels no obs	SM	D	
HA	1-2	NA	NA	-	-	-	2	tan med + fine sand no obs	SM	D	sample

Sample Type Codes: HA = Hand Auger; SS = Split Spoon; DPT = DPT Core; PH = Post Hole; SC = Sonic Core; DC = Drill Cuttings

Moisture Content Codes: D = Dry; M = Moist; W = Wet; S = Saturated

Logged by: <i>[Signature]</i>	Date: 3/4/21
Recorded by:	Date:
Reviewed by: <i>[Signature]</i>	Date: 3/10/21
Page ____ of ____ Pages	

Boring/Well #: SB-21-02	Utility Clearance #:	FDEP Facility Identification Number: 13/8506324	
Project #: 2020-0087	FDOT ROW Permit #: NA		
Site Name: Speedway 6893	Borehole Start Date: 3/4/21	Borehole Start Time: 1115	
Address: 1508 79th St. SE, North Bay Village, FL 33141	Borehole End Date:	Borehole End Time: 1140	
Environmental Contractor: TERRA-COM Environmental Consulting, Inc.	Geologist's Name: Phillip Hoffken Jr.	Technician's Name: Brendon Blum	
Drilling Company: TERRA-COM Environmental Consulting, Inc.	Pavement Thickness (inches): 3	Borehole Diameter (inches): 3.5"	Borehole Depth (feet): 2
Drilling Method(s): HA	Apparent Borehole DTW (feet from soil moisture content): NA	Measured Well DTW (in feet after water recharges in well): NA	TVA S/N or Equipment ID Number: TVA 1000 # _____

Disposition of Drill Cuttings [check method(s)]: Drum Grout Backfill Stockpile Other (Describe)

(describe if other or multiple items are checked):

Borehole Completion (check one): Well Grout Bentonite Backfill Other (Describe)

Sample Type	Sample Interval (feet)	Sample Depth (feet)	Sample Recovery (per centage -%)	Soil Blows (per six inches)	Un-saturated OVA	Filled OVA	Soil OVA	Depth (feet)	Sample Description (include grain size based on USCS, odors, staining, and other remarks)	USCS Symbol	Moisture Content	Soil and Groundwater Samples (list sample # and depth or temp screen interval)
HA	0-1	0	NA	NA	1	1	1	1	DARK brown - MED + FINE SAND w/ GRAVELS	GM	J	
HA	1-2	2	NA	NA	1	1	1	2	DARK tan - MED + FINE SAND	SM	J	SAMPLE

Sample Type Codes: HA = Hand Auger; SS = Split Spoon; DPT = DPT Core; PH = Post Hole; SC = Sonic Core; DC = Drill Cuttings
 Moisture Content Codes: D = Dry; M = Moist; W = Wet; S = Saturated

Logged by: _____	Date: 3/4/21
Recorded by: _____	Date: _____
Reviewed by: _____	Date: 3/10/21
Page 1 of 1 Pages	

Boring/Well #: SB-20-01	Utility Clearance #:	FDEP Facility Identification Number: 13/8506324	
Project #: 2020-0087	FDOT ROW Permit #: NA		
Site Name: Speedway 6893	Borehole Start Date: 3/4/21	Borehole Start Time: 1143	
Address: 1508 79th St. North Bay Village, FL 33154	Borehole End Date:	Borehole End Time: 1155	
Environmental Contractor: TERRA-COM Environmental Consulting, Inc.	Geologist's Name: Philip Hoffken Jr.	Technician's Name: Brendon Blum	
Drilling Company: TERRA-COM Environmental Consulting, Inc.	Pavement Thickness (inches): 3	Borehole Diameter (inches): 3.5"	Borehole Depth (feet): 2
Drilling Method(s): HA	Apparent Borehole DTW (feet from soil moisture content): NA	Measured Well DTW (in feet after water recharges in well): NA	TVA S/N or Equipment ID Number: TVA 1000 # _____

Disposition of Drill Cuttings [check method(s)]: Drum Grout Backfill Stockpile Other (Describe)
 (describe if other or multiple items are checked):

Borehole Completion (check one): Well Grout Bentonite Backfill Other (Describe)

Sample Type	Sample Depth Interval (feet)	Sample Recovery (percentage -%)	S.T Blows (per six inches)	Un-sat'd OVA	Filled OVA	IOVA	Depth (feet)	Sample Description (include grain size based on USCS, odors, staining, and other remarks)	USCS Symbol	Moisture Content	Lab Soil and Groundwater Samples (list sample # and depth or temp screen interval)
HA	0-1	NA	NA	-	-	-	1	Brown med + FINE SAND / GRAVELS NO ODOR	SM	D	
HA	1-2	NA	NA	-	-	-	2	TA - med + FINE SAND NO ODOR / NO STAIN	SM	D	sample

Sample Type Codes: HA = Hand Auger; SS = Split Spoon; DPT = DPT Core; PH = Post Hole; SC = Sonic Core; DC = Drill Cuttings

Moisture Content Codes: D = Dry; M = Moist; W = Wet; S = Saturated

Logged by:	Date: 3/4/21
Recorded by:	Date: 3/4/21
Reviewed by:	Date: 3/10/21

Boring/Well #: SB-21-04	Utility Clearance #:	FDEP Facility Identification Number: 13/8506324	
Project #: 2020-0087	FDOT ROW Permit #: NA		
Site Name: Speedway 6893	Borehole Start Date: 3/4/21	Borehole Start Time: 1157	
Address: 1508 79th St., North Bay Village, FL 33141	Borehole End Date:	Borehole End Time: 1210	
Environmental Contractor: TERRA-COM Environmental Consulting, Inc.	Geologist's Name: Philip Hoffken Jr.	Technician's Name: Brendon Blum	
Drilling Company: TERRA-COM Environmental Consulting, Inc.	Pavement Thickness (inches): 3	Borehole Diameter (inches): 3.5"	Borehole Depth (feet): 2
Drilling Method(s): HA	Apparent Borehole DTW (feet from soil moisture content): NA	Measured Well DTW (in feet after water recharges in well): NA	TVA S/N or Equipment ID Number: TVA 1000 # _____

Disposition of Drill Cuttings [check method(s)]: Drum Grout Backfill Stockpile Other (Describe)

(describe if other or multiple items are checked):

Borehole Completion (check one): Well Grout Bentonite Backfill Other (Describe)

Sample Type	Sample Depth Interval (feet)	Sample Recovery (percentage -%)	Sample Blows (per six inches)	Un-Filtered OVA	Filtered OVA	Depth (feet)	Description (include grain size based on USCS, odors, staining, and other remarks)	USC Symbol	Moisture Content	Soil and Groundwater Samples (list sample # and depth or temp screen interval)
HA	0-1	NA	NA	-	-	1	Brown - med + FINE SAND w/ GRAVELS	GM	D	
HA	1-2	NA	NA	-	-	2	LT TAN med + FINE SAND	SM	D	SAND

Sample Type Codes: HA = Hand Auger; SS = Split Spoon; DPT = DPT Core; PH = Post Hole; SC = Sonic Core; DC = Drill Cuttings

Moisture Content Codes: D = Dry; M = Moist; W = Wet; S = Saturated

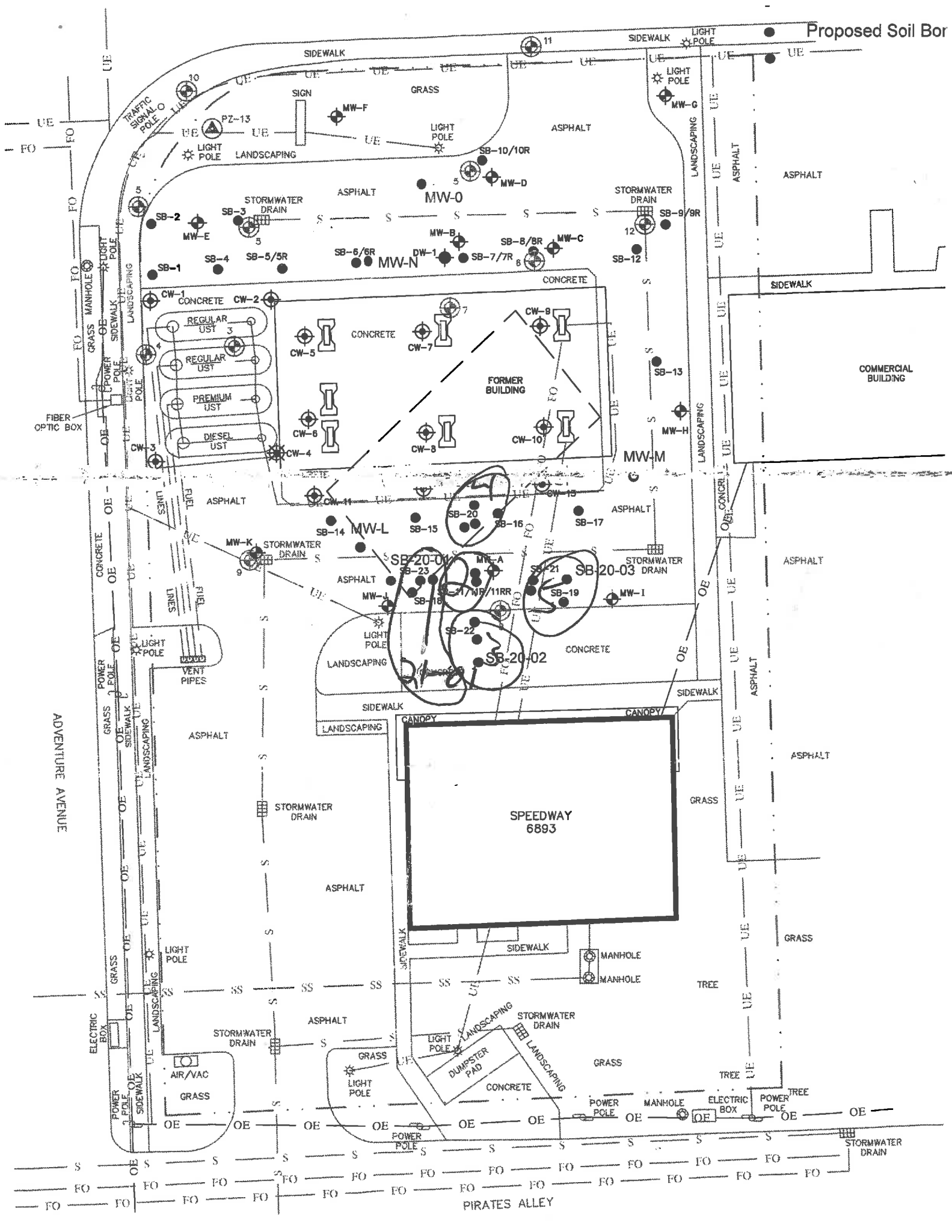
Logged by:	Date: 3/4/21
Recorded by:	Date: 3/10/21
Reviewed by:	Date: 3/10/21
Page 1 of 1 Pages	

Boring/Well #: SB-21-05		Utility Clearance #:		FDEP Facility Identification Number:						
Project #: 2020-0087		FDOT ROW Permit #: NA		13/8506324						
Site Name: Speedway 6893		Borehole Start Date: 3/4/21		Borehole Start Time: 1215						
Address: 1508 79th St. SW, North Bay Village, FL		Borehole End Date:		Borehole End Time: 1230						
Environmental Contractor: TERRA-COM Environmental Consulting, Inc.		Geologist's Name: Philip Hoffken Jr.		Technician's Name: Brendon Blum						
Drilling Company: TERRA-COM Environmental Consulting, Inc.		Pavement Thickness (inches): 3		Borehole Diameter (inches): 3.5"						
Drilling Method(s): HA		Apparent Borehole DTW (feet from soil moisture content): NA		Measured Well DTW (in feet after water recharges in well): NA						
				TVA S/N or Equipment ID Number: TVA 1000 # _____						
Disposition of Drill Cuttings [check method(s)]: <input type="checkbox"/> Drum <input type="checkbox"/> Grout <input checked="" type="checkbox"/> Backfill <input type="checkbox"/> Stockpile <input type="checkbox"/> Other (Describe)										
(describe if other or multiple items are checked):										
Borehole Completion (check one): <input type="checkbox"/> Well <input checked="" type="checkbox"/> Grout <input type="checkbox"/> Bentonite <input type="checkbox"/> Backfill <input type="checkbox"/> Other (Describe)										
Sample Type	Sample Depth Int. / Ext. (feet)	Sample Recovery (per centage -%)	S Blows (per six inches)	Unfiltered OVA	Filtered OVA	Depth (feet)	Sample Description (include grain size based on USCS, odors, staining, and other remarks)	USCS Symbol	Moisture Content	Lab Soil and Groundwater Samples (list sample # and depth or temp screen interval)
HA	1	NA	NA	-	-	1	DARK BROWN MED + FINE SAND w/ GRAVELS	GM	D	
HA	2	NA	NA	-	-	2	DARK TAN MED + FINE SAND NO ODOR NO STAIN	SM	D	SAMPLE

Sample Type Codes: HA = Hand Auger; SS = Split Spoon; DPT = DPT Core; PH = Post Hole; SC = Sonic Core; DC = Drill Cuttings
 Moisture Content Codes: D = Dry; M = Moist; W = Wet; S = Saturated

Logged by: _____	Date: 3/4/21
Recorded by: _____	Date: 3/6/21
Reviewed by: _____	Date: 3/6/21
Page 1 of 1 Pages	

Proposed Soil Bar



ADVENTURE AVENUE

SPEEDWAY 6893

PIRATES ALLEY

Appendix D: Well Permits



STATE OF FLORIDA WELL COMPLETION REPORT

Southwest
Northwest
St. Johns River
South Florida
Suwannee River
DEP

PLEASE, FILL OUT ALL APPLICABLE FIELDS
(*Denotes Required Fields Where Applicable)

Delegated Authority (If Applicable) Miami-Dade

Date Stamp

Official Use Only

1.*Permit Number 13-59-17239 *CUP/WUP Number n/a *DID Number n/a 62-524 Delineation No.

2.*Number of permitted wells constructed, repaired, or abandoned 4 *Number of permitted wells not constructed, repaired, or abandoned 1

3.*Owner's Name Hess Realty LLC 4.*Completion Date 1/12/2021 5. Florida Unique ID

6. 1508 79th Street Causeway PJH North Bay Village, FL 33141
*Well Location - Address, Road Name or Number, City, ZIP

7.*County Miami-Dade *Section 9 Land Grant *Township 53S *Range 42E

8. Latitude Longitude

9. Data Obtained From: GPS Map Survey Datum: NAD 27 NAD 83 WGS 84

10.*Type of Work: Construction Repair Modification Abandonment

11.*Specify Intended Use(s) of Well(s)
Domestic Landscape Irrigation Agricultural Irrigation Site Investigations
Bottled Water Supply Recreation Area Irrigation Livestock Monitoring
Public Water Supply (Limited Use/DOH) Nursery Irrigation Test
Public Water Supply (Community or Non-Community/DEP) Commercial/Industrial Earth-Coupled Geothermal
Class I Injection Golf Course Irrigation HVAC Supply
HVAC Return

Class V Injection: Recharge Commercial/Industrial Disposal Aquifer Storage and Recovery Drainage

Remediation: Recovery Air Sparge Other (Describe)
Other (Describe)

12.*Drill Method Auger Cable Tool Rotary Combination (Two or More Methods) Jetted Sonic
Horizontal Drilling Hydraulic Point (Direct Push) Other

13.*Measured Static Water Level 3 ft. Measured Pumping Water Level ft. After Hours at GPM

14.*Measuring Point (Describe) Top of Casing Which is 0 ft. Above Below Land Surface *Flowing: Yes No

15.*Casing Material: Black Steel Galvanized PVC Stainless Steel Not Cased Other

16.*Total Well Depth 12 ft. Cased Depth 2 ft. *Open Hole: From To ft. *Screen: From 2 To 12 ft. Slot Size .010"

17.*Abandonment: Other (Explain)
From ft. To ft. No. of Bags Seal Material (Check One): Neat Cement Bentonite Other
From ft. To ft. No. of Bags Seal Material (Check One): Neat Cement Bentonite Other
From ft. To ft. No. of Bags Seal Material (Check One): Neat Cement Bentonite Other
From ft. To ft. No. of Bags Seal Material (Check One): Neat Cement Bentonite Other
From ft. To ft. No. of Bags Seal Material (Check One): Neat Cement Bentonite Other

18.*Surface Casing Diameter and Depth:
Dia in. From ft. To ft. No. of Bags Seal Material (Check One): Neat Cement Bentonite Other
Dia in. From ft. To ft. No. of Bags Seal Material (Check One): Neat Cement Bentonite Other

19.*Primary Casing Diameter and Depth:
Dia 2 in. From 0 ft. To 1 ft. No. of Bags .25 Seal Material (Check One): Neat Cement Bentonite Other
Dia in. From ft. To ft. No. of Bags Seal Material (Check One): Neat Cement Bentonite Other
Dia in. From ft. To ft. No. of Bags Seal Material (Check One): Neat Cement Bentonite Other
Dia in. From ft. To ft. No. of Bags Seal Material (Check One): Neat Cement Bentonite Other

20.*Liner Casing Diameter and Depth:
Dia in. From ft. To ft. No. of Bags Seal Material (Check One): Neat Cement Bentonite Other
Dia in. From ft. To ft. No. of Bags Seal Material (Check One): Neat Cement Bentonite Other
Dia in. From ft. To ft. No. of Bags Seal Material (Check One): Neat Cement Bentonite Other

21.*Telescope Casing Diameter and Depth:
Dia in. From ft. To ft. No. of Bags Seal Material (Check One): Neat Cement Bentonite Other
Dia in. From ft. To ft. No. of Bags Seal Material (Check One): Neat Cement Bentonite Other
Dia in. From ft. To ft. No. of Bags Seal Material (Check One): Neat Cement Bentonite Other

22. Pump Type (If Known): Centrifugal Jet Submersible Turbine
Horsepower Pump Capacity (GPM)
Pump Depth ft. Intake Depth ft.
23. Chemical Analysis (When Required): Iron ppm Sulfate ppm Chloride ppm
Laboratory Test Field Test Kit

24. Water Well Contractor:
*Contractor Name Charles Bucher/Earth Tech Drilling *License Number 9417 E-mail Address cbucher@earthtechdrilling.com

*Contractor's Signature Charles Bucher *Driller's Name (Print or Type) Angel Aquino
(I certify that the information provided in this report is accurate and true.)

SOUTHWEST FLORIDA WATER MANAGEMENT DISTRICT
 2379 BROAD STREET, BROOKSVILLE, FL 34604-6899
 PHONE: (352) 796-7211 or (800) 423-1476
 WWW.SWFWMD.STATE.FL.US

SOUTH FLORIDA WATER MANAGEMENT DISTRICT
 P.O. BOX 24680
 3301 GUN CLUB ROAD
 WEST PALM BEACH, FL 33416-4680
 PHONE: (561) 686-8800
 WWW.SFWMD.GOV

ST. JOHNS RIVER WATER MANAGEMENT DISTRICT
 4049 REID STREET, PALATKA, FL 32178-1429
 PHONE: (386) 329-4500
 WWW.SJRWMD.COM

SUWANNEE RIVER WATER MANAGEMENT DISTRICT
 9225 CR 49
 LIVE OAK, FL 32060
 PHONE: (386) 362-1001 or (800) 226-1066 (Florida only)
 WWW.MYSUWANNEERIVER.COM

NORTHWEST FLORIDA WATER MANAGEMENT DISTRICT
 152 WATER MANAGEMENT DR., HAVANA, FL 32333-4712
 (U.S. Highway 90, 10 miles west of Tallahassee)
 PHONE: (850) 539-5999
 WWW.NWFWMD.STATE.FL.US

***DRILL CUTTINGS LOG** (Examine cuttings every 20 ft. or at formation changes. Note cavities and depth to producing zone. Grain Size: F=Fine, M=Medium, and C=Coarse)

From 0 ft.	To 2 ft.	Color	Grain Size (F, M, C)	Material
From 2 ft.	To 5 ft.	Color light brown	Grain Size (F, M, C) f	Material sand & shell
From 5 ft.	To 12 ft.	Color gray	Grain Size (F, M, C)	Material sandy clay
From _____ ft.	To _____ ft.	Color _____	Grain Size (F, M, C)	Material _____
From _____ ft.	To _____ ft.	Color _____	Grain Size (F, M, C)	Material _____
From _____ ft.	To _____ ft.	Color _____	Grain Size (F, M, C)	Material _____
From _____ ft.	To _____ ft.	Color _____	Grain Size (F, M, C)	Material _____
From _____ ft.	To _____ ft.	Color _____	Grain Size (F, M, C)	Material _____
From _____ ft.	To _____ ft.	Color _____	Grain Size (F, M, C)	Material _____
From _____ ft.	To _____ ft.	Color _____	Grain Size (F, M, C)	Material _____
From _____ ft.	To _____ ft.	Color _____	Grain Size (F, M, C)	Material _____
From _____ ft.	To _____ ft.	Color _____	Grain Size (F, M, C)	Material _____
From _____ ft.	To _____ ft.	Color _____	Grain Size (F, M, C)	Material _____
From _____ ft.	To _____ ft.	Color _____	Grain Size (F, M, C)	Material _____
From _____ ft.	To _____ ft.	Color _____	Grain Size (F, M, C)	Material _____
From _____ ft.	To _____ ft.	Color _____	Grain Size (F, M, C)	Material _____
From _____ ft.	To _____ ft.	Color _____	Grain Size (F, M, C)	Material _____
From _____ ft.	To _____ ft.	Color _____	Grain Size (F, M, C)	Material _____
From _____ ft.	To _____ ft.	Color _____	Grain Size (F, M, C)	Material _____
From _____ ft.	To _____ ft.	Color _____	Grain Size (F, M, C)	Material _____
From _____ ft.	To _____ ft.	Color _____	Grain Size (F, M, C)	Material _____
From _____ ft.	To _____ ft.	Color _____	Grain Size (F, M, C)	Material _____
From _____ ft.	To _____ ft.	Color _____	Grain Size (F, M, C)	Material _____
From _____ ft.	To _____ ft.	Color _____	Grain Size (F, M, C)	Material _____
From _____ ft.	To _____ ft.	Color _____	Grain Size (F, M, C)	Material _____
From _____ ft.	To _____ ft.	Color _____	Grain Size (F, M, C)	Material _____
From _____ ft.	To _____ ft.	Color _____	Grain Size (F, M, C)	Material _____

Comments: 4 Wells: 2" x 12' with 10' Screen (.010" /20-30) completed w/8" BD MH

***Detailed Site Map of Well Location**



X2021035790



STATE OF FLORIDA PERMIT APPLICATION TO CONSTRUCT, REPAIR, MODIFY, OR ABANDON A WELL

- Southwest
Northwest
St. Johns River
South Florida
Suwannee River
DEP
Delegated Authority (If Applicable) Miami-Dade Co.

PLEASE FILL OUT ALL APPLICABLE FIELDS
(*Denotes Required Fields Where Applicable)

The water well contractor is responsible for completing this form and forwarding the permit application to the appropriate delegated authority where applicable.

Permit No. 13-59-17239
Florida Unique ID
Permit Stipulations Required (See Attached)
62-524 Quad No
Delineation No
CUP/WUP Application No

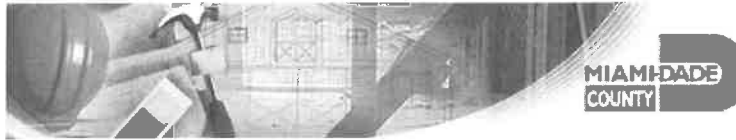
AGS21 1153, REV. 10/01/2014 (FOR OFFICIAL USE ONLY)

1 Hess Realty LLC 539 S Main Street Findlay, OH 45840
*Owner, Legal Name if Corporation *Address *City *State *ZIP Telephone Number
2 1508 79th St Causeway PJH North Bay Village, FL 33141
*Well Location - Address, Road Name or Number, City
3 23-3209-010-0140
*Parcel ID No. (PIN) or Alternate Key (Circle One) Lot Block Unit
4 9 53S 42E Miami-Dade
*Section or Land Grant *Township *Range *County Subdivision Check if 62-524 Yes No
5 Charles Bucher 9417 954-974-2424 cbucher@earthtechdrilling.com
*Water Well Contractor *License Number *Telephone Number E-mail Address
6 2703 NW 19 St Pompano Beach FL 33069
*Water Well Contractor's Address City State ZIP
7 *Type of Work: [X] Construction [] Repair [] Modification [] Abandonment
*Reason for Repair, Modification, or Abandonment
8 *Number of Proposed Wells 4
9. *Specify Intended Use(s) of Well(s)
[] Domestic [] Landscape Irrigation [] Agricultural Irrigation [] Site Investigations
[] Bottled Water Supply [] Recreation Area Irrigation [] Livestock [X] Monitoring
[] Public Water Supply (Limited Use/DOH) [] Nursery Irrigation [] Test
[] Public Water Supply (Community or Non-Community/DEP) [] Commercial/Industrial [] Earth-Coupled Geothermal
[] Class I Injection [] Golf Course Irrigation [] HVAC Supply
[] HVAC Return
Class V Injection: [] Recharge [] Commercial/Industrial Disposal [] Aquifer Storage and Recovery [] Drainage
Remediation: [] Recovery [] Air Sparge [] Other (Describe:)
[] Other (Describe:)
10 *Distance from Septic System if <= 200 ft N/A 11. Facility Description Gas Station 12. Estimated Start Date ASAP
13 *Estimated Well Depth 12 ft. *Estimated Casing Depth 2 ft Primary Casing Diameter 2 in Open Hole From To ft
14 Estimated Screen Interval, From 2 To 12 ft
15 *Primary Casing Material Black Steel Galvanized [X] PVC Stainless Steel
Not Cased Other
16 Secondary Casing Telescope Casing Liner Surface Casing Diameter in
17 Secondary Casing Material Black Steel Galvanized [X] PVC Stainless Steel Other
18. *Method of Construction Repair, or Abandonment [X] Auger Cable Tool Jelled Rotary Sonic
Combination (Two or More Methods) Hand Driven (Well Point, Sand Point) Hydraulic Point (Direct Push)
Horizontal Drilling Plugged by Approved Method Other (Describe:)
19. Proposed Grouting Interval for the Primary, Secondary, and Additional Casing.
From 0 To Seal Material (Bentonite [X] Neat Cement Other)
From To Seal Material (Bentonite Neat Cement Other)
From To Seal Material (Bentonite Neat Cement Other)
From To Seal Material (Bentonite Neat Cement Other)
20. Indicate total number of existing wells on site List number of existing unused wells on site
21. *Is this well or any existing well or water withdrawal on the owner's contiguous property covered under a Consumptive Water Use Permit (CUP/WUP) or CUP/WUP Application? Yes [X] No If yes, complete the following: CUP/WUP No. District Well ID No.
22. Latitude Longitude
23. Data Obtained From GPS Map Survey Datum: NAD 27 NAD 83 WGS 84
I hereby certify that all data comply with the applicable rules of Title 40, Florida Administrative Code, and that all permits, approvals, and other requirements are met. I further certify that all data obtained in this application is accurate and that I will obtain necessary approval from other relevant state or local governmental or applicable regulatory agencies to provide a well completion report to the District within 30 days after completion of the construction, repair, modification, or abandonment of the well. I understand that this permit is subject to the applicable rules and regulations of the Department of Environmental Protection.
Charles Bucher 9417 Charles Bucher 12/15/2020
*Signature of Contractor *License No. *Signature of Owner or Agent *Date

Date Stamp
Official Use Only

Approval Granted By Danith Davis Issue Date 12/17/2020 Expiration Date 12/16/2021
Fee Received \$95.00 Receipt No. 13-BID-5129585 Check No.
THIS PERMIT IS NOT VALID UNTIL PROPERLY SIGNED BY AN AUTHORIZED OFFICER OR REPRESENTATIVE OF THE WMD OR DELEGATED AUTHORITY. THE PERMIT SHALL BE AVAILABLE AT THE WELL SITE DURING ALL CONSTRUCTION, REPAIR, MODIFICATION, OR ABANDONMENT ACTIVITIES.

E-Permitting



Select
[Back to Main Menu](#)

You have successfully completed your payment process.
 You can print this page or record your Permit, Process and Authorization number.

Date	12/16/2020
Time	16:44:2
Authorization Number	51991C
Process Number	X2021035790
Permit Number	
Transaction Number	161220ED2-E1515EA5-673B-4A95-AF72-23DD3E999CE5
Name	Charles Bucher
Job Address	1508 79 ST CAUSEWAY PJH
CardType	Mastercard
ExpDate	01/2021
Amount	95.00

[Home](#) | [Online Services](#) | [Permits](#) | [Fees](#) | [Performance Statistics](#) | [Contact Us](#)

[Plans Tracking](#) | [Today's Routes & Results](#) | [Track Enforcement](#) | [Internet Application Services](#)

E-mail your comments, questions and suggestions to [Webmaster](#)
 This page was last edited on: August 2015

13-59-17239

Terra Con

North Bay Village

Appendix E: Waste Manifest



12950-A Highway 43
 Axis, AL 36505
 Phone: 251-675-9800

001055
 ERWIN REMEDIATION
 408 DITMAR STREET
 PENSACOLA, FL 32503

Invoice Trans.
 Inbound

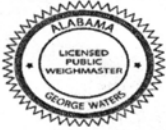
SITE	TICKET #		OPERATOR	
AE	107337		MARCIEM	
IN	OUT	TRUCK	CONT.	LICENCE
2/5/21 9:43 am	2/5/21 10:36 am	ERW1		
REFERENCE			ORIGIN	

GROSS 79,180.00 lbs
 TARE 39,740.00 lbs
 NET 39,440.00 lbs

COMMENTS:

BOL:

QTY	UNIT	DESCRIPTION	TRACKING QTY	RATE	TAX	TOTAL
19.72	TN	INDUSTRIAL				
1.00		ADEM FEE				



I hereby certify that this load does not contain any unauthorized hazardous waste.

SIGNATURE: _____

Hours of Operation: Monday - Friday 7am - 4pm, Saturday 8am - noon, (Closed Sunday)

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number

2. Page 1 of

3. Emergency Response Phone

4. Waste Tracking Number

5. Generator's Name and Mailing Address

Generator's Site Address (if different than mailing address)

Speedway #6893
1508 NW 79th St. Causeway
North Bay Village, FL

Generator's Phone:

6. Transporter 1 Company Name

Erwin Remediation, Inc.

U.S. EPA ID Number

FLR000223867

7. Transporter 2 Company Name

U.S. EPA ID Number

8. Designated Facility Name and Site Address

Ecosouth Services
12950-A Highway 43
Axis, AL 36505

U.S. EPA ID Number

Facility's Phone:

GENERATOR

9. Waste Shipping Name and Description

10. Containers

11. Total Quantity

12. Unit Wt./Vol.

No.

Type

1.

Petroleum Cont. Soil/Mud

DM

2

2.

3.

4.

13. Special Handling Instructions and Additional Information

14. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and governmental regulations.

Generator's/Offoror's Printed/Typed Name

Tyler Marolf

Signature

T. Marolf

Month Day Year

2 26 21

INTL

15. International Shipments Import to U.S. Export from U.S.

Port of Entry/Exit:

Transporter Signature (for exports only):

Date Leaving U.S.:

TRANSPORTER

16. Transport Acknowledgement of Receipt of Materials

Transporter 1 Printed/Typed Name

Tyler Marolf

Signature

T. Marolf

Month Day Year

1 26 21

Transporter 2 Printed/Typed Name

Signature

Month Day Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space

Quantity

Type

 Residue Partial Rejection Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator)

U.S. EPA IS Number

Facility's Phone:

17c. Signature of Alternate Facility (or Generator)

Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in item 17a

Printed/Typed Name

Morci Morrisouth

Signature

M. Morrisouth

Month Day Year

2 26 21

Appendix F: Groundwater Sampling Field Packet

11/9/21

Speedway 6853

P.M.

AC ID

1508 75th ST ~~CA~~

PAUL HOFFMAN

13/850 6324

N. R. ~~CA~~

FL 2241

LAB PAGE

PO BT0383

2026 0087

1115 AL GRANHA DEPARTS PREVIOUS SITE

VEHICLE Dodge 1500 plu

1135 ~~1100~~ DAVID CASTLE DEPARTS LAB FROM

PREVIOUS SITE VEHICLE Ford F150 plu

1755 DAVID CASTLE (AL GRANHA) ARRIVE MOTEL

~~1100~~
1135

1/20/81

SPEEDWAY 6893

FAC ID 1508 79TH ST ~~ST~~ P.M.

13/850 6324 ~~FL 22/41~~ Phil Askelson

P.O. BTC383 2020 0087 LAB - PACE

0625 AL GRANVILLE DEPARTS MOTEL VEHICLE Dodge 1500 p/u

0625 DAVID CASTLE DEPARTS MOTEL VEHICLE Ford F150 p/u

0700 ALVIN @ SITE NOTIFY STAG W/92

0705 WELD HESMIS WEATHER TEMP 59^{OF} WINDS N.S. 15 MPH
cloud cover - 20% PRECIP - NONE

0710 OPEN WELLS / 0805 WELLS OPED / EQUIPMENT SETUP

METER CALIBRATION

0852 COLLECT DTW / 0935 COMPLETE DTW

1012 BEGIN PULSE DW1 / 1028 COLLECT SAMPLE DW1

1037 BEGIN PULSE MW B / 1057 COLLECT SAMPLE MW B

1113 BEGIN PULSE MW N / 1130 COLLECT SAMPLE MW N

1151 BEGIN PULSE CW 7 / 1205 COLLECT SAMPLE CW 7

1233 BEGIN PULSE CW 12 / 1248 COLLECT SAMPLE CW 12

1305 BEGIN PULSE MW K / 1326 COLLECT SAMPLE MW K

1344 BEGIN PULSE MW M / 1405 COLLECT SAMPLE MW M

1426 BEGIN PULSE MW J / 1447 COLLECT SAMPLE MW J

1508 BEGIN PULSE MW A / 1529 COLLECT SAMPLE MW A

1536 BEGIN PULSE ^{AS} CW 13 / 1641 COLLECT SAMPLE CW 13

1650 POST METAL CHARGES

1740 SAMPLES ON ICE / STAG W/92 NOTIFIED / DEPART SITE

1815 AL GRANVILLE ARRIVES MOTEL VEHICLE Dodge 500 p/u

1815 DAVID CASTLE ARRIVES MOTEL

VEHICLE Ford F150 p/u

R J

1/20/81

11/21/21 SPEEDWAY 6893

FAC ID 1508 79th ST ~~FL~~ P.M.

131850 6324 N.R. ~~FL~~ FL - 12/14/21 PAUL HOFFKES

PO 370383 2020 0087 LAB-PAGE

0620 AL GRANVILLE DEPARTS HOTEL VEHICLE Dodge 1500 plu

0620 DAVID CASTLE DEPARTS HOTEL VEHICLE Ford F. 150 plu

0630 ARRIVE @ SITE NOTIFY STONG MGR

0655 HOLD 1125 WTS WEATHER 57°F WINDS N 5-10MPH
CLOUD COVER 20% PRECIP - NONE

0700 EQUIPMENT SET UP / METER CALIBRATION

0813 BEGIN PURGE CW10 / 0824 COLLECT SAMPLE CW10

0813 BEGIN PURGE CW9 / 0808 COLLECT SAMPLE CW9

0930 BEGIN PURGE MW C / 0950 COLLECT SAMPLE MW C

1009 BEGIN PURGE MW G / 1028 COLLECT SAMPLE MW G

1041 BEGIN PURGE MW H / 1101 COLLECT SAMPLE MW H

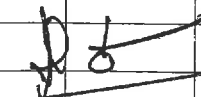
1115 POST METER CHALLENGE

1135 DAVID CASTLE DEPARTS SITE TO PAGE. ^{SAMPLES @} 156

1215 DEPART SITE STONG MGR NOTIFIED

1700 ARRIVE (AL GRANVILLE) @ P. V3

OFFICE VEHICLE Dodge 1500 plu


11/21/21

12/21

Speed way

1508

1st St

Nearby Village, FL 32114

1007	Started purging MWD
1050	Sampled MWD
1111	Started purging MWD
1131	Sampled MWD
1155	Started purging MWF
1239	Sampled MWF
1305	Started purging MWE
1322	Sampled MWE
1410	Started purging CWS
1416	Sampled CWS
1447	Started purging CWII
1516	Sampled CWII
1536	Started MWI purge
1557	Sample MWI
1622	Started purging MWL
1643	Sampled MWL

David Galt

1/21/20

greek valley
FUG 22141

0803

Started purging CW 2

0829

Sampled CW 2

0856

Started purging CW 6

0926

Sampled CW 6

0942

Started purging CW 3

1007

Sampled CW 3

1024

Started purging CW 1

1054

Sampled CW 1

1130

Left Speedway job site and took
the water samples to PACE Lab in

Pompano Bch.

1215

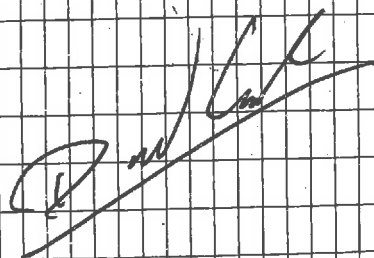
relinquency the sample to PACE LAB

in Pompano Bch, ~~Pompano~~

1615

Arrived back at Terra-Com office

in Pompano Bch



FIELD EVENT: Task 1

TERRA-COM FIELD TRIP PLAN APPROVAL FORM

PROJECT INFORMATION

Site Name: **Speedway 6893 *M*** Project #: **2020-0087**
 Site Address: **1508 79th St. *Gowry*, North Bay Village, *Miami*, FL *33141***
 Fac ID #: **13/8506324** Work Order #: **PO # B7CB83** Project Manager: **Phil Hoffken**

PROPOSED SCHEDULE

Activity ^a	Location	Planned Date
MW Sampling	On-site	1/20/2021

^a Attach a detailed field schedule if necessary ^b Meeting may be waived, however, approvals are REQUIRED

FIELD FORMS (Please check all the forms included in field packet or log book)

Mandatory QA Forms

- Field Trip Plan Approval Form** (i.e. this form)
This form MUST ALWAYS be attached and signed
- Field Activity Request Form** (and if necessary)
Add'l Instructions Form, Method Per Well Form
- Field Trip Information Form** (Site Location and, if known, team must be identified PRIOR to approval)
- Field Sampling / Purging Equipment Checklist**
(include sampling equipment required for this field effort)
- Equipment / Supplies Checklist**
(Use for all other field equipment and supplies)

Mandatory (if applicable) QA Forms

- Field Equipment Calibration Form**
- Tailgate Safety Meeting Form** - Always required even if you are alone. All visitors must also sign this form.
- Field Decontamination Form** - Check appropriate box for each piece of equipment that is decontaminated.
- Chain-of-Custody Form(s)** (Check if required, but keep forms with sample containers)

Field Forms (continued)

- Well Construction and Development Data Form**
- Well Construction Diagram - Single Cased**
- Well Construction Diagram - Double Cased**
- Drum Inventory / Sampling Form**
- Well Inspection Form**
- Groundwater Mobile Lab Data Form**
- Soil Excavation Grid Form**
- UST/AST Closure Assessment Summary Sheet**
- Soil Grid Map**
- Air Sparging / Vapor Extraction System Data Form**
- Project Exposure Record**
- Daily Log**
- Weekly Equipment Usage Report**
- Incident Notification Form and Protocol/Procedures**
- Site and Station Location Map** (Include aerial photo, tax map, etc., if available, and indicate sample points)
- _____
- _____
- _____

Field Forms

- Elevation Survey Worksheet**
- Groundwater / Hydrocarbon Level Data Form**
- Groundwater Sampling Log**
- Soil and/or Well Boring Log**
- Analytical Soil Sampling Data Form**

Utility Clearance Ticket # (Required for ALL Intrusive work): N/A

SIGNATURES (This form must be signed PRIOR to leaving for the field)

Prepared by: Philip Hoffken Jr.	Title: PM	Date: 1/7/2021
Reviewed by: <i>[Signature]</i>	Title: PM, TM, FTL, FSM	Date: 1/20/2021
Reviewed by: <i>[Signature]</i>	Title: PM, QAM, FSM	Date: 1/27/21

PM-Project Manager, TM-Task Manager, FTL-Field Team Leader, FSM-Field Services Manager, QAM-QA Manager

TERRA-COM FIELD ACTIVITY REQUEST FORM

PROJECT INFORMATION

Project # / Site Name: **2020-0087 Speedway 6893**
 Site Address: **1508 79th St. ~~City~~, North Bay Village, ~~Miss~~, FL 33141**
 Fac ID # **13/8506324** Work Order # **PO # B7CB83** Project Manager: **Phil Hoffken**

ACTIVITIES

QTY *	Activity	QTY *	Activity
	Drill Monitor Wells (Map attached? Y or N)		SYSTEM EXAMINATION
	Drill Soil Borings (Map attached? Y or N)		Gauge Recovery Well
	Hand Auger Borings (Map attached? Y or N)		Gauge Recovery Tank
	Develop Wells		Clean Probes
x	Measure Water Level & / or Product Thickness		Check Recovery System
	Bail Product from Monitor Wells		Sample System Influent / Effluent
	Survey Monitor Wells		Clean & Organize Recovery Area
	Potable Well Survey		O&M Maintenance, Inspection, & Cleaning
	Area Use Survey		Other:
	Soil Excavation		Other:
	Soil Disposal		Other:
	Drum Soil Cuttings		SAMPLES
	Well Abandonment		Groundwater Gasoline Analytical Group
	System Installation		Groundwater Kerosene Analytical Group
	Other:		Engineering Parameters (specify below)
			VES Influent - Method 18 in Air
			VES Effluent - Method 18 in Air
			Soil Samples
			OVA Screening / Head Space
			Field Parameters - -pH, C, T, DO
			Equipment Blanks, Pre-cleaned
			Equipment Blanks, Field-cleaned
			Trip Blanks
			Duplicate Samples
		27	Groundwater Samples:
		0	BTEX/MTBE
		22	PAHs
		22	TRPHs
		27	Total Lead
		27	EDB
		27	Priority Pollutant Volatile Organics
			Soil Samples:
			BTEX/MTBE
			PAHs
			TRPHs
			4 RCRA Metals
			VOHs
			Other:
			Other:

* QTY = Quantity (check the box or indicate the number required)

SIGNATURES (This form must be signed PRIOR to leaving for the field)

Prepared by: **Philip Hoffken Jr.** Date: **1/7/2021**
 Field Checked by:  Date: **1/29/21**
 Reviewed by:  Date: **1/29/21**

TERRA-COM FIELD ACTIVITY REQUEST FORM (continued)

PROJECT INFORMATION

Project # / Site Name: **2020-0087A** *AV* **Speedway 6893** *AV*
Site Address: **1508 79th St. ~~East~~**, North Bay Village, Miami, FL **33141**
Fac ID #: **13/8506324** | Work Order #: **PO # B7CB83** | Project Manager: **Phil Hoffken**

ADDITIONAL COMMENTS OR INSTRUCTIONS

Open monitoring wells and allow to equilibrate
gauge monitoring wells
send phil a picture of MW gauging data when completed
sample monitoring wells per SOP

SIGNATURES (This form must be signed PRIOR to leaving for the field)

Prepared by: **Philip Hoffken Jr.**

Date: **1/7/2021**

Field Checked by: 

Date: **1/20/21**

Reviewed by: 

Date: **1/29/21**

TERRA-COM FIELD ACTIVITY REQUEST FORM (continued)

PROJECT INFORMATION

Project # / Site Name: **2020-0087**
 Site Address: **1508 79th St. ~~East~~, North Bay Village, Miami, FL 33141**
 Fac ID #: **13/8506324** Work Order #: **PO # B7CB83** Project Manager: **Phil Hoffman**

METHOD OF ANALYSIS PER WELL
 ANALYSIS &/OR METHOD (indicate type and number of containers if necessary)

Well ID	PAHs	TRPH	Priority Pollutant Volatile Organics	EDB	EDC	Lead	
CW-1	X	X	X	X	X	X	
CW-2	X	X	X	X	X	X	
CW-3	X	X	X	X	X	X	
CW-5	X	X	X	X	X	X	
CW-6	X	X	X	X	X	X	
CW-7	X	X	X	X	X	X	
CW-8	X	X	X	X	X	X	
CW-9	X	X	X	X	X	X	
CW-10	X	X	X	X	X	X	
CW-11	X	X	X	X	X	X	
CW-12	X	X	X	X	X	X	
CW-13	X	X	X	X	X	X	
MW-A	X	X	X	X	X	X	
MW-B	X	X	X	X	X	X	
MW-C	X	X	X	X	X	X	
MW-D	X	X	X	X	X	X	
MW-E	X	X	X	X	X	X	
MW-F	X	X	X	X	X	X	
MW-G	X	X	X	X	X	X	
MW-H	X	X	X	X	X	X	
MW-I	X	X	X	X	X	X	
MW-J	X	X	X	X	X	X	
MW-K	X	X	X	X	X	X	
MW-L	X	X	X	X	X	X	
MW-M	X	X	X	X	X	X	
MW-N	X	X	X	X	X	X	
MW-O	X	X	X	X	X	X	
DW-1	X	X	X	X	X	X	

SIGNATURES (This form must be signed PRIOR to leaving for the field)

Prepared by: **Phil Hoffman, Jr.** Date: **1/17/2021**
 Field Checked by: **[Signature]** Date: **1/29/2021**
 Reviewed by: **[Signature]** Date: **1/29/21**

TERRA-COM FIELD EVENT NOTIFICATIONS FORM

PROJECT INFORMATION

Project # / Site Name: **2020-0087 Speedway 6893** *MP*
 Site Address: **1508 79th St. ~~Copy~~, North Bay Village, Miami, FL 33141**
 Fac ID # **13/8506324** Work Order **PO # B7CB83** Project Manager: **Phil Hoffken**

DATE: **11/23/2020**

FDEP NOTIFICATION(S)

Person Notified	FDEP Office	Date Notified	Notified By	Copy Attached
Rafael Maldonado		11/17/2020	e-mail	no
ppp		11/17/2020	e-mail	no
DERM		11/17/2020	e-mail	no

CLIENT NOTIFICATION(S)

Client Name	Person Notified	Date Notified	Notified By	Copy Attached
Site Rep.	Bryan Witt	11/17/2020	e-mail	no

OTHER NOTIFICATIONS (Tenant, Lessee, Offsite Property Owner, etc.)

Entity Name	Person Notified	Date Notified	Notified By	Copy Attached

SIGNATURES (This form must be signed PRIOR to leaving for the field)

Prepared by: **Philip Hoffken Jr.** Date: **1/7/2021**
 Logged by: **Philip Hoffken Jr.** Date: **11/23/2020**
 Reviewed by: *[Signature]* Date: **1/29/21**

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TERRA-COM EQUIPMENT/SUPPLIES CHECKLIST

PROJECT INFORMATION

Project # / Site Name: **2020-0087 Speedway 6893**
 Site Address: **1508 79th St., North Bay Village, Miami, FL 33141**
 Fac ID #: **13/8506324** Work Order # **PO # B7CB83** Project Manager: **Phil Hoffken**

EQUIPMENT & SUPPLIES

Qty	Load?	Item	Qty	Load?	Item
SITE SAFETY			DECONTAMINATION		
1	✓	Site Health & Safety Plan	1	2	Decon Sprayers (DI Water & Alcohol)
		Hard Hat	1	2	De-ionized &/or Tap Water
		Ear Protection	1	2	Alconox or Liquinox Soap
1	✓	Portable Eye Wash	1	2	Cleaning Brushes
1	✓	First Aid Kit	1	2	Paper Towels
		Respirator	1	2	Decontamination Buckets
1	✓	Fire Extinguisher			
4	✓	Traffic Cones			
1	✓	Safety Vest			
1	✓	Safety Boots			
1	✓	Safety Glasses			
			GEO	2	MISCELLANEOUS
					Tool Box: REMED or GEOHYDRO
					Clipboard
					Camera
					Shovel: ROUND or SQUARE
					Pick Axe
					Breaker Bar
					Asphalt Patch
					Broom
					Extension Cords
			x	2	Zip Ties, Well Locks, Caps, Keys
					Tape Measure: Tape or Rollertape
			x	✓	Bolt Cutters
					Survey Equipment
			x	2	Flow Cell
			x	✓	Calibration Standards
					DOCUMENTATION
			1	✓	FDEP Work Order or DP Proposal Copy
			1	✓	SOPs (FDEP, Terra-Com)
			1		IRA
			1		Discharge Reporting Form
			1		FAC Rules 17-770, 17-761, other
			1		Soil Sampling &/or Closure Guidelines
x	2	Water Level Indicator/Interface Probe			
		PH/Conductivity Meter			
		Grunfos Pump with Controller and Tubing	1	✓	
		Diaphragm Pump & hoses	1	✓	
x	2	YSI Multimeter	1		
x	2	Peristaltic Pump with Battery and Tubing	1		
		Concrete Core Drill	1		
		Hand Auger Set	1		
x	2	Hach Turbidity Meter			

ADDITIONAL COMMENTS OR INSTRUCTIONS

SIGNATURES (This form must be signed PRIOR to leaving for the field)

Prepared by: **Philip Hoffken Jr.**

Date: **1/7/2021**

Logged by: 

Date: **1/20/21**

Reviewed by: 

Date: **1/27/21**

TERRA-COM FIELD SAMPLING / PURGING EQUIPMENT CHECKLIST

PROJECT INFORMATION

Project # / Site Name: **2020-0087** **Speedway 6893**
 Site Address: **1508 79th St. ~~SW~~, North Bay Village, ~~Miami~~, FL **33141****
 Fac ID #: **13/8506324** Work Order #: **PO # B7CB83** Project Manager: **Phil Hoffman**

CHECKLIST

#	QTY	Item Description (List Components)	Construction (Material)	Model #	Serial #	Loaded?
1	2	WLI	std	JAX	2/3	yes
2	2	YSI	std		7/9	
3	2	Turbidity meter	std		2/3	
4	2	Peristaltic pump	std		2/3	
5		WLI	std			
6		YSI	std			
7		Turbidity meter	std			
8		Peristaltic pump	std			
9						
10						
11						
12						
13						
14						
15						
16						

* If serial numbers are recorded on this form, subsequent references to specific equipment (e.g. as required on field data sheets) can use the item #

SIGNATURES (This form must be signed PRIOR to leaving for the field)

Prepared by:  Philip Hoffman Jr.

Logged by:

Reviewed by:

Date: 1/17/2021

Date: 1/20/21

Date: 1/29/21

TERRA-COM FIELD TRIP INFORMATION FORM

PROJECT INFORMATION

Project # / Site Name: 2020-0087 Speedway 6893	DATE: 1/20/21
Site Address: 1508 79th St. Gandy, North Bay Village, Miami, FL 33141	
Fac ID # 13/8506324 Work Order # PO # B7CB83 Project Manager: Phil Hoffken	

TERRA-COM PERSONNEL

Role	Name (Printed) *	Signed Initials	Time	
			Arrive	Depart
Field Team Leader	<i>AL GRANITZ</i>	<i>ALG</i>	<i>0700</i>	<i>1740</i>
Field Team Member	<i>DAVID CASTLE</i>	<i>DC</i>	<i>0700</i>	<i>1740</i>

NON-TERRA-COM PERSONS PRESENT

Name (Printed) *	Affiliation	Arrive	Depart

* Enter names prior to field trip, if known

ADDITIONAL COMMENTS OR INSTRUCTIONS

SIGNATURES (This form must be signed PRIOR to leaving for the field)

Prepared by: Philip Hoffken Jr.	Date: 1/7/2021
Logged by: <i>ALG</i>	Date: 1/20/21
Reviewed by: <i>CHM</i>	Date: 1/29/21

TERRA-COM TAILGATE SAFETY MEETING FORM

Date: 1/20/21 Time: 0705 Project Number: 2020-0087
Site Name: Speedway 6893 Site Address: 1508 79th St. ^{SW} ~~SW~~, North Bay Village, ^{FL} ~~MIAMI~~, FL
Fac ID #: 13/8506324 Work Order #: PO # B7CB83 Project Manager: Phil Hoffken ^{PH}

SAFETY TOPICS PRESENTED

Scope of Work: Site Re-Con and MW Gauging ^{GW Sampling}
Protective Clothing/Equipment: Modified Level D
Chemical Hazards: BTEX/MTBE, PAHs, TRPHs in Trace Quantities
Physical Hazards: Traffic, Underground and Overhead Utilities, Slip/Trip/Fall
Special Equipment: TVA, Drill Rig, etc.
Emergency Procedures: Call 911. Do Not Transport unless injury/illness is minor.
Hospital: See HASP Phone: See HASP Ambulance Phone: 911
Hospital Address and Route: See attached map

ATTENDEES

NAME PRINTED

SIGNATURE

DAVID CASSE

[Signature]

Meeting Conducted by: Ac Genette Date: 1/20/21
Reviewed by: [Signature] Date: 1/29/21

TERRA-COM FIELD TRIP INFORMATION FORM

PROJECT INFORMATION

Project # / Site Name: 2020-0087 Speedway 6893
Site Address: 1508 79th St. Gary, North Bay Village, Miami, FL 33141 DATE: 1/21/21
Fac ID # 13/8506324 Work Order # PO # B7CB83 Project Manager: Phil Hoffken

TERRA-COM PERSONNEL

Role	Name (Printed) *	Signed Initials	Time	
			Arrive	Depart
Field Team Leader	<u>AL GRANITE</u>	<u>AG</u>	<u>0650</u>	<u>1215</u>
Field Team Member	<u>DAVID CASTLE</u>	<u>DC</u>	<u>0650</u>	<u>1135</u>

NON-TERRA-COM PERSONS PRESENT

Name (Printed) *	Affiliation	Arrive	Depart

* Enter names prior to field trip, if known

ADDITIONAL COMMENTS OR INSTRUCTIONS

SIGNATURES (This form must be signed PRIOR to leaving for the field)

Prepared by: Philip Hoffken Jr. Date: 1/7/2021
Logged by: [Signature] Date: 1/21/21
Reviewed by: [Signature] Date: 1/29/21

TERRA-COM TAILGATE SAFETY MEETING FORM

Date: 1/21/21 Time: 0655 Project Number: 2020-0087
Site Name: Speedway 6893 Site Address: 1508 79th St. ~~City~~, North Bay Village, ~~MI~~ FL ³³¹⁴¹
Fac ID #: 13/8506324 Work Order #: PO # B7CB83 Project Manager: Phil Hoffken

SAFETY TOPICS PRESENTED

Scope of Work: Site Re-Con and MW Gauging GW Sampling
Protective Clothing/Equipment: Modified Level D
Chemical Hazards: BTEX/MTBE, PAHs, TRPHs in Trace Quantities
Physical Hazards: Traffic, Underground and Overhead Utilities, Slip/Trip/Fall
Special Equipment: TVA, Drill Rig, etc.
Emergency Procedures: Call 911. Do Not Transport unless injury/illness is minor.
Hospital: See HASP Phone: See HASP Ambulance Phone: 911
Hospital Address and Route: See attached map

ATTENDEES

NAME PRINTED

SIGNATURE

DAMIAN Castle

[Signature]

Meeting Conducted by: AL GARDITS Date: 1/21/21
Reviewed by: [Signature] Date: 1/29/21

TERRA-COM FIELD EQUIPMENT CALIBRATION FORM

PROJECT INFORMATION

Project # / Site Name: **2020-0087171** **Speedway 6893**
 Site Address: **1508 79th St. Carry, North Bay Village, Miami, FL 33141**
 Fac ID #: **13/8506324** Work Order #: **PO # B7CB83**

Project Manager: **Phil Hoffken**

PRE-SAMPLING CALIBRATION DATA

Instrument Description	ID # or Serial #	Parameter Description	Time	Standard (Y)	Reading (X)	Units	Comments
YSI Multi Meter	9	Diss. Oxygen	0825	100%	9.52 @ 20.3	%	CHILLER
		Pressure		760		mmHg	
		pH	0828	4.01	3.99	pH	
		pH	1	7.00	7.03	pH	
		pH		10.00		pH	
		Conductivity	0836	447	445	µmhos	
		Conductivity		800		µmhos	
Hach Turbidity Meter	3	Turbidity	0840	526	524	NTU	014 @ 0840
		Turbidity	1	51.6	51.7	NTU	231 mV
		Turbidity	1	500	497	NTU	232.2 mV

POST-SAMPLING CALIBRATION DATA

Instrument Description	ID # or Serial #	Parameter Description	Time	Standard (Y)	Reading (X)	Units	Comments
YSI Multi Meter	9	Diss. Oxygen	0907	100%	9.18 @ 19.02	%	CHILLER
		Pressure		760		mmHg	
		pH	1717	4.01	4.03	pH	
		pH	1	7.00	6.94	pH	
		pH		10.00		pH	
		Conductivity	1721	447	450	µmhos	
		Conductivity		800		µmhos	
Hach Turbidity Meter	3	Turbidity	1630	526	530	NTU	014 @ 1725
		Turbidity	1	51.6	51.2	NTU	231 mV
		Turbidity	1	500	502	NTU	232.2 mV

SIGNATURES

Calibrated by: **PHH**
 Reviewed by: **DAVID CASTLE**

Date: **1/29/21**
 Date: **1/29/21**

TERRA-COM FIELD EQUIPMENT CALIBRATION FORM

PROJECT INFORMATION

Project # / Site Name: **2020-0087** *Speedway 6893*
 Site Address: **1508 79th St. ~~Geary~~**, North Bay Village, **FL 33141**
 Fac ID #: **13/8506324** Work Order #: **PO # B7CB83**

Project Manager: **Phil Hoffken**

PRE-SAMPLING CALIBRATION DATA

Instrument Description	ID # or Serial #	Parameter Description	Time	Standard (Y)	Reading (X)	Units	Comments
YSI Multi Meter	7	Diss. Oxygen Pressure	0814	100%	8.37	%	CHILLER 9/8
		pH	0824	4.01	4.02	mmHg	
		pH		7.00	6.94	pH	
		pH		10.00		pH	
		Conductivity	0833	447	448	µmhos	
		Conductivity		800		µmhos	
Hach Turbidity Meter	2	Turbidity	0822	4.53	4.50	NTU	CHILLER 9/8
		Turbidity		50.3	49.6	NTU	5
		Turbidity		487	480	NTU	231 MAR 23 6.9 AM

POST-SAMPLING CALIBRATION DATA

Instrument Description	ID # or Serial #	Parameter Description	Time	Standard (Y)	Reading (X)	Units	Comments
YSI Multi Meter	7	Diss. Oxygen Pressure	1655	100%	8840	%	CHILLER 9/8
		pH	1701	4.01	4.00	mmHg	
		pH		7.00	6.97	pH	
		pH		10.00		pH	
		Conductivity	1704	447	443	µmhos	
		Conductivity		800		µmhos	
Hach Turbidity Meter	2	Turbidity	1656	4.53	4.47	NTU	CHILLER 9/8
		Turbidity		50.3	51.0	NTU	5
		Turbidity		487	491	NTU	231 MAR 23 6.9 AM

SIGNATURES

Calibrated by: *David Costello*
 Reviewed by: *PHH*

Date: **11/20/21**
 Date: **11/21/21**

TERRA-COM FIELD EQUIPMENT CALIBRATION FORM

PROJECT INFORMATION

Project # / Site Name: **2020-0087 / Speedway 6893**
 Site Address: **1508 79th St. ~~Osprey~~, North Bay Village, Miami, FL 33141**
 Fac ID #: **13/8506324** Work Order #: **PO # B7CBB83** Project Manager: **Phil Hoffken**

PRE-SAMPLING CALIBRATION DATA

Instrument Description	ID # or Serial #	Parameter Description	Time	Standard (Y)	Reading (X)	Units	Comments
YSI Multi Meter	9	Diss. Oxygen	0714	100%	9.11	%	Cal/6492
		Pressure		760	19.9	mmHg	
		pH	0716	4.01	4.06	pH	
		pH	1	7.00	6.94	pH	
		pH		10.00		pH	
Hach Turbidity Meter	3	Conductivity	0710	447	449	µmhos	
		Conductivity		800		µmhos	
		Turbidity	0715	5.26	5.25	NTU	0.20 @ 0743
		Turbidity	1	51.6	51.3	NTU	5 R
		Turbidity		500	502	NTU	231µV 230.0µV

POST-SAMPLING CALIBRATION DATA

Instrument Description	ID # or Serial #	Parameter Description	Time	Standard (Y)	Reading (X)	Units	Comments
YSI Multi Meter	9	Diss. Oxygen	1138	100%	8.51	%	Cal/6492
		Pressure		760	20.1	mmHg	
		pH	1140	4.01	4.03	pH	
		pH		7.00	6.99	pH	
		pH		10.00		pH	
Hach Turbidity Meter	3	Conductivity	1150	447	449	µmhos	
		Conductivity		800		µmhos	
		Turbidity	1157	5.26	5.25	NTU	0.10 @ 1153
		Turbidity	1	51.6	51.0	NTU	5 R
		Turbidity		500	502	NTU	231µV 228.8µV

SIGNATURES

Calibrated by: **AC** | **DAVID CASSELL**
 Reviewed by: **PHH**

Date: **1/29/21**
 Date: **1/29/21**

TERRA-COM FIELD EQUIPMENT CALIBRATION FORM

PROJECT INFORMATION

Project # / Site Name: **2020-0087** / **Speedway 6893**
 Site Address: **1508 79th St. ~~SE~~, North Bay Village, ~~FL 33141~~**
 Fac ID #: **13/8506324** Work Order #: **PO # B7CB88** Project Manager: **Phil Hoffken**

PRE-SAMPLING CALIBRATION DATA

Instrument Description	ID # or Serial #	Parameter Description	Time	Standard (Y)	Reading (X)	Units	Comments
YSI Multi Meter	1	Diss. Oxygen Pressure	0720	100%	8.82	%	Challenge
		pH	0731	760	4.03	mmHg	
		pH		4.01	6.98	pH	
		pH		7.00	446	pH	
Hach Turbidity Meter	2	Conductivity	0735	10.00		µmhos	
		Conductivity		447		µmhos	
		Turbidity	0718	4.53	4.50	NTU	off @ 0746
		Turbidity		50.3	44.8	NTU	S
		Turbidity		487	484	NTU	231 mV 229.8 mV

POST-SAMPLING CALIBRATION DATA

Instrument Description	ID # or Serial #	Parameter Description	Time	Standard (Y)	Reading (X)	Units	Comments
YSI Multi Meter		Diss. Oxygen Pressure	1115	100%	9.07 @ 20.1	%	challenge
		pH	1121	760	4.08	mmHg	
		pH		4.01	7.02	pH	
		pH		7.00	451	pH	
Hach Turbidity Meter		Conductivity	1125	10.00		µmhos	off @ 1128
		Conductivity		447		µmhos	S
		Turbidity	1130	453	448	NTU	230 mV 232.2 mV
		Turbidity		50.3	51.2	NTU	
		Turbidity		487	490	NTU	

SIGNATURES

Calibrated by: **DR - S** / **DAVID CASTLE** Date: **11/29/21**
 Reviewed by: **[Signature]** Date: **11/29/21**

TERRA-COM GW / HYDROCARBON LEVEL DATA FORM

PROJECT INFORMATION

Site Name: **Speedway 6893** *NY* Project #: **2020-0087**
 Site Address: **1508 79th St. ~~City~~, North Bay Village, Miami, FL 33141**
 Fac ID #: **13/8506324** Work Order # **PO # B7CB83** Project Manager: **Phil Hoffken**

DATA

Well #	Date	Time (Military)	(A)	Total Depth of Well (ft)	(B)	(C)	(A)-(B)	(A)-(C)	(C)-(B)	Comments		
			TOC Elevation (ft)		Depth to Hydro-carbon (ft)	Depth to Water (ft)	Hydro-carbon Surface Elevation (ft)	Water Surface Elevation (ft)	Hydro-carbon Thickness (ft)			
CW-1	1/20/21	0852				3.73						
CW-2						3.46						
CW-3							3.38					
CW-5							3.67					
CW-6							3.50					
CW-7							3.52					
CW-8							3.39	4.13				IP
CW-9								3.02				
CW-10								2.87				
CW-11								2.83				
CW-12								3.15				
CW-13								2.29				
MW-A								2.58				
MW-B								3.16				
MW-C								2.88				
MW-D								3.35				
MW-E								3.56				
MW-F								4.14				
MW-G								3.46	obstructed			
MW-H								2.80				
MW-I						2.32						
MW-J						2.40						
MW-K						2.38						
MW-L						2.52						
MW-M						2.33						
MW-N						4.19	3.26					
MW-O						3.01						
DW-1		0935				4.59						

Shot 0852
 6-nd 0935

Note: Water/Hydrocarbon level measurements should be recorded to 0.01-foot accuracy

SIGNATURES

Measured by: *PHO* Date: *1/20/21*
 Recorded by: *DAVID CASTLE* Date: *1/20/21*
 Reviewed by: *PHO* Page *16* of *16* Pages

DEP Form FD 9000-24: GROUNDWATER SAMPLING LOG

SITE *Speedway 6893* SITE *1508 79th St, North Bay Village, Miami, FL 33161*
 NAME: # LOCATION:
 WELL NO: *DW1* SAMPLE ID: *DW1 0120201* DATE: *1/20/21*

PURGING DATA

WELL DIAMETER (inches): *2* TUBING DIAMETER (inches): *3/16* WELL SCREEN INTERVAL DEPTH: *30* feet to *35* feet STATIC DEPTH TO WATER (feet): *4.59* PURGE PUMP TYPE OR BAILER: *PP*

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH - STATIC DEPTH TO WATER) X WELL CAPACITY
 = (*32.5* feet - *4.59* feet) X *0.06* gallons/foot = *1.50* gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
 = *0.06* gallons + (*0.0014* gallons/foot x *4014* feet) + *0.78* gallons = *5.88* gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): *32.5* FINAL PUMP OR TUBING DEPTH IN WELL (feet): *32.5* PURGING INITIATED AT: *1012* PURGING ENDED AT: *1027* TOTAL VOLUME PURGED (gallons): *1.50*

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) μmhos/cm or μS/cm	DISSOLVED OXYGEN (circle units) mg/L or %saturation	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
1015	.30	.30	.10	4.59							
1018	.30	.60	.10	4.59							
1021	.30	.90	.10	4.59							
1023	.20	1.10	.10	4.59	6.61	26.9	5896	0.74	1.52	CLEAR	NONE
1025	.20	1.30	.10	4.59	6.64	26.8	5923	0.71	1.16	CLEAR	NONE
1027	.20	1.50	.10	4.59	6.67	26.8	6017	0.67	1.26	CLEAR	EDB

0.20
1
50.9
55.8
60.6

WELL CAPACITY (Gallons Per Foot): 0.75"= 0.02; 1"= 0.04; 1.25"= 0.06; 2"= 0.16; 3"= 0.37; 4"= 0.65; 5"= 1.02; 6"= 1.47; 12"= 5.88
 TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016
 PURGING EQUIPMENT CODES: B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: *A. G. ...* SAMPLER(S) SIGNATURES: *[Signature]* SAMPLING INITIATED AT: *1028* SAMPLING ENDED AT: *1032*
 PUMP OR TUBING DEPTH IN WELL (feet): *32.5* TUBING MATERIAL CODE: *HDPE* FIELD-FILTERED?: *Y* FILTER SIZE: *1* μm
 FIELD DECONTAMINATION: PUMP *Y* TUBING *Y* (replaced) DUPLICATE: *Y*

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION (including wet ice)			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH			
DW1	1	HDPE	25mL	HDPE		6.2	PP 60P	APP	300
DW1	3	CG	40mL	HCl		6.2	PP	APP	300
DW1	3	CG	40mL			6.67	EDB EDC	APP	300

REMARKS:
 MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; HDPE = High Density Polyethylene; LDPE = Low Density Poly Ethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)
 SAMPLING EQUIPMENT CODES: APP = After (Through) Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)

NOTES: 1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.
 2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)
 pH: ± 0.2 units Temperature: ± 0.2 °C Specific Conductance: ± 5% Dissolved Oxygen: all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) Turbidity: all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

[Signature] 1/29/21
 Revision Date: March 1, 2014

DEP Form FD 9000-24: GROUNDWATER SAMPLING LOG

SITE NAME: # Speedway 6893	SITE LOCATION: 1508 79th St, North Bay Village, Miami, FL 33141
WELL NO: MWB	SAMPLE ID: MWB 0120 2021
DATE: 1/20/21	

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 3/16	WELL SCREEN INTERVAL DEPTH: 2 feet to 12 feet	STATIC DEPTH TO WATER (feet): 3.16	PURGE PUMP TYPE OR BAILER: PP
WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH - STATIC DEPTH TO WATER) X WELL CAPACITY = (12 feet - 3.16) X 0.16 gallons/foot = 8.91 gallons				
EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME = 1.90 gallons + (3/16 inches x 4 feet) x 0.0014 gallons/ft + 0.16 gallons = 1.90 gallons				
INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 4	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 4	PURGING INITIATED AT: 1037	PURGING ENDED AT: 1056	TOTAL VOLUME PURGED (gallons): 1.90

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) μmhos/cm or μS/cm	DISSOLVED OXYGEN (circle units) mg/L or %saturation	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
1052	1.50	1.50	.10	3.82	7.36	23.5	532	0.71	2.72	Clear	None
1054	.20	1.70	.10	3.82	7.33	23.4	531	0.68	2.12		
1056	.20	1.90	.10	3.82	7.31	23.4	530	6.68	2.58		

WELL CAPACITY (Gallons Per Foot): 0.75"= 0.02; 1"= 0.04; 1.25"= 0.06; 2"= 0.16; 3"= 0.37; 4"= 0.65; 5"= 1.02; 6"= 1.47; 12"= 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016
PURGING EQUIPMENT CODES: B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump, O = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: A. Garcia Tech Com	SAMPLER(S) SIGNATURES: [Signature]	SAMPLING INITIATED AT: 1057	SAMPLING ENDED AT: 1105
PUMP OR TUBING DEPTH IN WELL (feet): 4	TUBING MATERIAL CODE: HDPE	FIELD-FILTERED?: N	FILTER SIZE: _____ μm
FIELD DECONTAMINATION: PUMP Y TUBING N (replaced)	DUPLICATE: Y		

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION (Including wet ice)			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH			
MWB	1	HDPE	250ml	HNO3		7.2	6010 Pd	APP	380
MWB	1	AG	250ml			7.31	8270C	APP	380
MWB	2	AG	100ml	H2SO4		7.2	FL-P20	APP	380
MWB	2	CG	50ml			7.31	ED8 1000	APP	300
MWB	3	CG	40ml	ACI		7.2	PP 500	APP	300

REMARKS:

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; HDPE = High Density Polyethylene; LDPE = Low Density Poly Ethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING EQUIPMENT CODES: APP = After (Through) Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; RFPF = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)

NOTES: 1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.
2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)
pH: ± 0.2 units Temperature: ± 0.2 °C Specific Conductance: ± 5% Dissolved Oxygen: all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) Turbidity: all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

DEP Form FD 9000-24: GROUNDWATER SAMPLING LOG

SITE NAME: # Speedway 6893	SITE LOCATION: 1508 79th St. Gwy, North Bay Village, Miami, FL 33141
WELL NO: MW N	SAMPLE ID: MW N 01202021
DATE: 1/20/21	

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 3/16	WELL SCREEN INTERVAL DEPTH: 2 feet to 12 feet	STATIC DEPTH TO WATER (feet): 3.26	PURGE PUMP TYPE OR BAILER: PP
WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH - STATIC DEPTH TO WATER) X WELL CAPACITY = (12 feet - 3.26 feet) X 0.16 gallons/foot = 1.39 gallons				
EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME = 1.39 gallons + (0.0006 gallons/ft X 4 feet) + 0.016 gallons = 1.80 gallons				

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 4	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 4	PURGING INITIATED AT: 1113	PURGING ENDED AT: 1129	TOTAL VOLUME PURGED (gallons): 1.80
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TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) μmhos/cm or μS/cm	DISSOLVED OXYGEN (circle units) (mg/L) or %saturation	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
1125	1.40	1.40	.10	3.35	7.19	24.5	684	0.62	2.68	CRAP	None
1127	.20	1.60	.10	3.35	7.17	24.5	681	0.60	2.57	CRAP	None
1129	.20	1.80	.10	3.35	7.15	24.7	679	0.60	2.64	CRAP	None

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
 TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016
 PURGING EQUIPMENT CODES: B = Bailer, BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: A. Gwilt / B&B Co	SAMPLER(S) SIGNATURES:	SAMPLING INITIATED AT: 1130	SAMPLING ENDED AT: 1136
PUMP OR TUBING DEPTH IN WELL (feet): 4	TUBING MATERIAL CODE: HDPE	FIELD-FILTERED?: Y	FILTER SIZE: 1 μm
FIELD DECONTAMINATION: PUMP Y TUBING N	TUBING Y N (replaced)	DUPLICATE: Y N	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION (including wet ice)			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH			
MW N	1	HDPE	250ml	HNO3		7.19	PP	380	
MW N	1	AG	250ml			7.19	PP	380	
MW N	2	AG	100ml	H2SO4		7.19	PP	380	
MW N	2	CG	40ml			7.19	PP	300	
MW N	3	CG	40ml			7.19	PP	300	

REMARKS:

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; HDPE = High Density Polyethylene; LDPE = Low Density Poly Ethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING EQUIPMENT CODES: APP = After (Through) Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; RFPF = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)

NOTES: 1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.
 2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212 SECTION 3)
 pH: ± 0.2 units Temperature: ± 0.2 °C Specific Conductance: ± 5% Dissolved Oxygen: all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) Turbidity: all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

Revision Date: March 1/2014

DEP Form FD 9000-24: GROUNDWATER SAMPLING LOG

SITE NAME: Speedway 6893	SITE LOCATION: 1508 79th St. Cswy, North Bay Village, Miami, FL 33141
WELL NO: CW 7	SAMPLE ID: CW 7 01202021
DATE: 1/20/20	

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 3/16	WELL SCREEN INTERVAL DEPTH: 2 feet to 9 feet	STATIC DEPTH TO WATER (feet): 3.52	PURGE PUMP TYPE OR BAILER: PP
WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH - STATIC DEPTH TO WATER) X WELL CAPACITY (only fill out if applicable). = (9 feet - 3.52 feet) X 0.16 gallons/foot = 0.87				
EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY x TUBING LENGTH) + FLOW CELL VOLUME (only fill out if applicable). = gallons + (gallons/foot x feet) + gallons =				

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 4.5	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 4.5	PURGING INITIATED AT: 1151	PURGING ENDED AT: 1204	TOTAL VOLUME PURGED (gallons): 1.30
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TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) μmhos/cm or μS/cm	DISSOLVED OXYGEN (circle units) mg/L or %saturation	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
1200	.90	.90	.10	4.01	6.65	25.6	785	0.46	4.35	CLEAR	None
1202	.20	1.10	.10	4.01	6.67	25.6	785	0.43	4.30	CLEAR	None
1204	.20	1.30	.10	4.01	6.69	25.7	785	0.41	4.39	CLEAR	None

0.0
-9.3
-13.8
-24.0

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
 TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016
 PURGING EQUIPMENT CODES: B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: A Granite Team Com	SAMPLER(S) SIGNATURES: <i>[Signature]</i>	SAMPLING INITIATED AT: 1205	SAMPLING ENDED AT: 1211
PUMP OR TUBING DEPTH IN WELL (feet): 4.5	TUBING MATERIAL CODE: HDPE	FIELD-FILTERED?: Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	FILTER SIZE: _____ μm
FIELD DECONTAMINATION: PUMP Y <input checked="" type="checkbox"/> N <input type="checkbox"/> TUBING Y <input checked="" type="checkbox"/> N (replaced) <input type="checkbox"/>	DUPLICATE: Y <input checked="" type="checkbox"/> N <input type="checkbox"/>		

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION (including wet ice)			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH			
CW7 AG	1	HDPE	25ml	None		6.69	600 Pb	380	
CW7 AG	1	AG	25ml			6.69	820C	380	
CW7	2	AG	100ml	HeSop		6.69	FL Pro	380	
CW7	2	CG	40ml			6.69	EJB	300	
CW7	3	CG	40ml	HCl		6.69	PP	300	

REMARKS:

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; HDPE = High Density Polyethylene; LDPE = Low Density Poly Ethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)
 SAMPLING EQUIPMENT CODES: APP = After (Through) Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; RPPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)

NOTES: 1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.
 2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)
 pH: ± 0.2 units Temperature: ± 0.2 °C Specific Conductance: ± 5% Dissolved Oxygen: all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) Turbidity: all readings ≤ 20 NTU, optionally ± 5 NTU or ± 10% (whichever is greater)

[Signature] 1/29/21
Revision Date: March 1, 2014 20

DEP Form FD 9000-24: GROUNDWATER SAMPLING LOG

SITE NAME: Speedway 6893
SITE LOCATION: 1508 79th St., North Bay Village, Miami, FL 33141
WELL NO: CW12
SAMPLE ID: CW12 01207021
DATE: 11/20/12

PURGING DATA

WELL DIAMETER (inches): 2
TUBING DIAMETER (inches): 3/16
WELL SCREEN INTERVAL DEPTH: 2 feet to 9 feet
STATIC DEPTH TO WATER (feet): 3.15
PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH - STATIC DEPTH TO WATER) X WELL CAPACITY
= (9 feet - 3.15 feet) X 0.16 gallons/foot = 0.93 gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
= gallons + (gallons/foot x feet) + gallons =

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 4
FINAL PUMP OR TUBING DEPTH IN WELL (feet): 4
PURGING INITIATED AT: 1233
PURGING ENDED AT: 1247
TOTAL VOLUME PURGED (gallons): 1.40

Table with 11 columns: TIME, VOLUME PURGED (gallons), CUMUL. VOLUME PURGED (gallons), PURGE RATE (gpm), DEPTH TO WATER (feet), pH (standard units), TEMP. (°C), COND. (µmhos/cm or µS/cm), DISSOLVED OXYGEN (mg/L or %saturation), TURBIDITY (NTUs), COLOR (describe), ODOR (describe). Rows include data for 1243, 1245, and 1247.

WELL CAPACITY (Gallons Per Foot): 0.75"= 0.02; 1"= 0.04; 1.25"= 0.06; 2"= 0.16; 3"= 0.37; 4"= 0.65; 5"= 1.02; 6"= 1.47; 12"= 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016
PURGING EQUIPMENT CODES: B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: A. Grando
SAMPLER(S) SIGNATURES: [Signature]
SAMPLING INITIATED AT: 1248
SAMPLING ENDED AT: 1254
PUMP OR TUBING DEPTH IN WELL (feet): 4
TUBING MATERIAL CODE: HDPE
FIELD-FILTERED?: Y
FILTER SIZE: 0.45 µm
FIELD DECONTAMINATION: PUMP Y, TUBING Y (replaced)
DUPLICATE: Y (N)

Table with 10 columns: SAMPLE ID CODE, # CONTAINERS, MATERIAL CODE, VOLUME, PRESERVATIVE USED, TOTAL VOL ADDED IN FIELD (mL), FINAL pH, INTENDED ANALYSIS AND/OR METHOD, SAMPLING EQUIPMENT CODE, SAMPLE PUMP FLOW RATE (mL per minute). Rows include CW12, CW12, and CW12.

REMARKS:

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; HDPE = High Density Polyethylene; LDPE = Low Density Poly Ethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING EQUIPMENT CODES: APP = After (Through) Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)

NOTES: 1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.
2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)
pH: ± 0.2 units Temperature: ± 0.2 °C Specific Conductance: ± 5% Dissolved Oxygen: all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) Turbidity: all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

DEP Form FD 9000-24: GROUNDWATER SAMPLING LOG

SITE NAME: # Speedway 6893	SITE LOCATION: 1508 79th St., North Bay Village, Miami, FL 33171
WELL NO: MW K	SAMPLE ID: MW K 01202021
DATE: 1/20/2021	

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 3/16	WELL SCREEN INTERVAL DEPTH: 2 feet to 12 feet	STATIC DEPTH TO WATER (feet): 2.38	PURGE PUMP TYPE OR BAILER: PP
WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH - STATIC DEPTH TO WATER) X WELL CAPACITY (only fill out if applicable). = (12 feet - 2.38 feet) X 0.16 gallons/foot = 1.53				
EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY x TUBING LENGTH) + FLOW CELL VOLUME (only fill out if applicable). = _____ gallons + (_____ gallons/foot x _____ feet) + _____ gallons =				

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) μmhos/cm or μS/cm	DISSOLVED OXYGEN (circle units) mg/L or %saturation	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
1321	1.60	1.60	10	2.97	7.18	27.1	1809	1.30	1.45	CLEAR	None
1323	1.80	1.80	10	2.97	7.17	27.0	1796	0.99	1.46		
1325	2.00	2.00	10	2.97	7.16	27.0	1789	0.85	1.41		

WELL CAPACITY (Gallons Per Foot): 0.75"= 0.02; 1"= 0.04; 1.25"= 0.06; 2"= 0.16; 3"= 0.37; 4"= 0.65; 5"= 1.02; 6"= 1.47; 12"= 5.88
 TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016
 PURGING EQUIPMENT CODES: B = Bailor; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: A. Granville - HELLCO CON	SAMPLER(S) SIGNATURES: <i>[Signature]</i>	SAMPLING INITIATED AT: 1326	SAMPLING ENDED AT: 1332
PUMP OR TUBING DEPTH IN WELL (feet): 3.5	TUBING MATERIAL CODE: HDPE	FIELD-FILTERED?: N	FILTER SIZE: _____ μm
FIELD DECONTAMINATION: PUMP Y TUBING N	DUPLICATE: N		

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION (Including wet ice)			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH			
MW K	1	HDPE	250ml	HNO3		7.16	6090 PD	APP	380
MW K	1	AG	250ml			7.16	8270C	I	380
MW K	2	AG	100ml	H2SO4		7.16	FL P10	I	380
MW K	2	AG	40ml			7.16	ED3	I	300
MW K	3	CG	40ml	HCl		7.16	PP	I	300

REMARKS:

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; HDPE = High Density Polyethylene; LDPE = Low Density Poly Ethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING EQUIPMENT CODES: APP = After (Through) Peristaltic Pump; B = Bailor; BP = Bladder Pump; ESP = Electric Submersible Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)

NOTES: 1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.
 2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)
 pH: ± 0.2 units Temperature: ± 0.2 °C Specific Conductance: ± 5% Dissolved Oxygen: all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) Turbidity: all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

[Signature]
 Revision Date: March 1, 2014 22

DEP Form FD 9000-24: GROUNDWATER SAMPLING LOG

SITE NAME: Speedway 6893	SITE LOCATION: 1508 79th St. Gony, North Bay Village, Miami, FL 33141
WELL NO: MW M	SAMPLE ID: MW M 01202021
DATE: 1/20/21	

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 3/16	WELL SCREEN INTERVAL DEPTH: 2 feet to 12 feet	STATIC DEPTH TO WATER (feet): 2.33	PURGE PUMP TYPE OR BAILER: PP
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WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH - STATIC DEPTH TO WATER) X WELL CAPACITY
 (only fill out if applicable).
 = (**12** feet - **2.33** feet) X **0.16** gallons/foot = **1.50** gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
 (only fill out if applicable).
 = _____ gallons + (_____ gallons/foot x _____ feet) + _____ gallons = _____

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 3	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 3	PURGING INITIATED AT: 1344	PURGING ENDED AT: 1404	TOTAL VOLUME PURGED (gallons): 2.00
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TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) μmhos/cm or μS/cm	DISSOLVED OXYGEN (circle units) mg/L or %saturation	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
1400	1.60	1.60	.10	2.77	7.46	26.4	922	1.04	2.06	CLEAR	NONE
1402	1.80	1.80	.10	2.77	7.44	26.4	923	0.95	1.94		
1404	.20	2.00	.10	2.72	7.41	26.5	919	0.82	1.74		

WELL CAPACITY (Gallons Per Foot): 0.75"= 0.02; 1"= 0.04; 1.25"= 0.06; 2"= 0.16; 3"= 0.37; 4"= 0.65; 5"= 1.02; 6"= 1.47; 12"= 5.88
 TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.008; 1/2" = 0.010; 5/8" = 0.016
 PURGING EQUIPMENT CODES: B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: A Guarita - ITERRA Com	SAMPLER(S) SIGNATURES: <i>[Signature]</i>	SAMPLING INITIATED AT: 1405	SAMPLING ENDED AT: 1411
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PUMP OR TUBING DEPTH IN WELL (feet): 3	TUBING MATERIAL CODE: HDPE	FIELD-FILTERED?: Y (N)	FILTER SIZE: _____ μm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y (N)	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION (Including wet ice)			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH			
MW M	1	HDPE	250ml	HNO3		7.2	6010 PD	APP	380
MW M	1	AG	250ml			7.41	8270C		380
MW M	2	AG	100ml	H2SO4		7.2	FL PRO		380
MW M	2	CG	40ml			7.41	ED3		300
MW M	3	CG	40ml	HCl		7.2	PP		300

REMARKS:

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; HDPE = High Density Polyethylene; LDPE = Low Density Poly Ethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING EQUIPMENT CODES: APP = After (Through) Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)

NOTES: 1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.
 2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)
 pH: ± 0.2 units Temperature: ± 0.2 °C Specific Conductance: ± 5% Dissolved Oxygen: all readings ≤ 20% saturation (see Table FS 2200-2), optionally, ± 0.2 mg/L or ± 10% (whichever is greater) Turbidity: all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

[Signature] 1/29/21
 Revision Date: March 1, 2014

DEP Form FD 9000-24: GROUNDWATER SAMPLING LOG

PH 101

SITE NAME: # <u>Speedway 6893</u>	SITE LOCATION: <u>1508 79th St. Gowsy, North Bay Village, Miami, FL 33141</u>
WELL NO: <u>MWJ</u>	SAMPLE ID: <u>MWJ 01202021</u>
DATE: <u>1/20/21</u>	

PURGING DATA

WELL DIAMETER (inches): <u>2</u>	TUBING DIAMETER (inches): <u>3/4</u>	WELL SCREEN INTERVAL DEPTH: <u>7</u> feet to <u>12</u> feet	STATIC DEPTH TO WATER (feet): <u>2.40</u>	PURGE PUMP TYPE OR BAILER: <u>PP</u>
WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH - STATIC DEPTH TO WATER) X WELL CAPACITY (only fill out if applicable). = (<u>12</u> feet - <u>2.40</u> feet) X <u>0.16</u> gallons/foot = <u>1.53</u> gallons				
EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY x TUBING LENGTH) + FLOW CELL VOLUME (only fill out if applicable). = _____ gallons + (_____ gallons/foot x _____ feet) + _____ gallons =				
INITIAL PUMP OR TUBING DEPTH IN WELL (feet): <u>3</u>	FINAL PUMP OR TUBING DEPTH IN WELL (feet): <u>3</u>	PURGING INITIATED AT: <u>1426</u>	PURGING ENDED AT: <u>1446</u>	TOTAL VOLUME PURGED (gallons): <u>2.00</u>

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or µS/cm	DISSOLVED OXYGEN (circle units) mg/L or %saturation	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
1442	1.60	1.60	.10	2.54	7.29	24.6	663	0.96	2.26	CLEAR	NONE
1444	.20	1.80	.10	2.54	7.30	24.6	663	0.85	2.20	CLEAR	NONE
1446	.20	2.00	.10	2.54	7.29	24.6	663	0.77	1.77	CLEAR	NONE

Onp
-140.8
-142.7
-144.7

WELL CAPACITY (Gallons Per Foot): 0.75"= 0.02; 1"= 0.04; 1.25"= 0.06; 2"= 0.16; 3"= 0.37; 4"= 0.65; 5"= 1.02; 6"= 1.47; 12"= 5.88
 TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016
 PURGING EQUIPMENT CODES: B = Bailor; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT): AFFILIATION: <u>A Granite Trench Corp</u>	SAMPLER(S) SIGNATURES: <u>[Signature]</u>	SAMPLING INITIATED AT: <u>1441</u>	SAMPLING ENDED AT: <u>1453</u>
PUMP OR TUBING DEPTH IN WELL (feet): <u>3</u>	TUBING MATERIAL CODE: <u>HOPE</u>	FIELD-FILTERED?: <u>Y</u> <input checked="" type="radio"/> <u>N</u> <input type="radio"/>	FILTER SIZE: _____ µm
FIELD DECONTAMINATION: PUMP <u>Y</u> <input checked="" type="radio"/> <u>N</u> <input type="radio"/>	TUBING <u>Y</u> <input checked="" type="radio"/> <u>N</u> <input type="radio"/> (replaced)	DUPLICATE: <u>Y</u> <input checked="" type="radio"/> <u>N</u> <input type="radio"/>	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION (Including wet ice)			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH			
MWJ	1	HOPE	250ml	HNO3		7.29	6010 Pp	APP	380
MWJ	1	AG	250ml			7.29	8270C		380
MWJ	2	AG	100ml	H2SO4		7.29	FL Pp		380
MWJ	2	CG	40ml			7.29	EDB		300
MWJ	3	CG	40ml	HCl		7.29	PP		300

REMARKS:

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; HDPE = High Density Polyethylene; LDPE = Low Density Poly Ethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING EQUIPMENT CODES: APP = After (Through) Peristaltic Pump; B = Bailor; BP = Bladder Pump; ESP = Electric Submersible Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)

NOTES: 1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.
 2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)
 pH: ± 0.2 units Temperature: ± 0.2 °C Specific Conductance: ± 5% Dissolved Oxygen: all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) Turbidity: all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

[Signature] 1/29/21
Revision Date: March 1, 2014 24

DEP Form FD 9000-24: GROUNDWATER SAMPLING LOG

SITE NAME: # Speedway 6893	SITE LOCATION: 1508 79th St. Canal, North Bay Village, Miami, FL 33141
WELL NO: MW A	SAMPLE ID: MW A 01207021
DATE: 1/20/21	

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 3/16	WELL SCREEN INTERVAL DEPTH: 2 feet to 12 feet	STATIC DEPTH TO WATER (feet): 2.50	PURGE PUMP TYPE OR BAILER: PP
WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH - STATIC DEPTH TO WATER) X WELL CAPACITY (only fill out if applicable). = (12 feet - 2.58 feet) X 0.16 gallons/foot = 9.42 gallons/foot = 1.50 gallons				
EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY x TUBING LENGTH) + FLOW CELL VOLUME (only fill out if applicable). = _____ gallons + (_____ gallons/foot x _____ feet) + _____ gallons =				

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 3.5	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 3.5	PURGING INITIATED AT: 1508	PURGING ENDED AT: 1520	TOTAL VOLUME PURGED (gallons): 2.00
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TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) μmhos/cm of μS/cm	DISSOLVED OXYGEN (circle units) mg/L or %saturation	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
1524	1.60	1.60	.10	2.99	6.92	26.7	745	1.19	2.81	Clear	None
1526	1.80	1.80	.10	2.99	6.91	26.7	745	1.20	2.77		
1528	.20	2.00	.10	2.99	6.91	26.0	744	1.18	2.45		

ODOR
-62.9
-67.2
68.0

WELL CAPACITY (Gallons Per Foot): 0.75"= 0.02; 1"= 0.04; 1.25"= 0.06; 2"= 0.16; 3"= 0.37; 4"= 0.65; 5"= 1.02; 6"= 1.47; 12"= 5.88
 TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016
 PURGING EQUIPMENT CODES: B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: A Granite Term Com	SAMPLER(S) SIGNATURES: [Signature]	SAMPLING INITIATED AT: 1529	SAMPLING ENDED AT: 1534
PUMP OR TUBING DEPTH IN WELL (feet): 3.5	TUBING MATERIAL CODE: HDPE	FIELD-FILTERED?: Y	FILTER SIZE: _____ μm
FIELD DECONTAMINATION: PUMP Y	TUBING N (replaced)	DUPLICATE: Y	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION (Including wet ice)			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH			
MWA	1	HDPE	250ml	H2O3		6.91	6000 PP	APP	380
MWA	1	AG	250ml			6.91	8270c		380
MWA	2	AG	100ml	H2SO4		6.91	FL P10		380
MWA	2	CG	40ml			6.91	ED3		300
MWA	3	CG	40ml	HCl		6.91	ED3		300

REMARKS:

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; HDPE = High Density Polyethylene; LDPE = Low Density Poly Ethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING EQUIPMENT CODES: APP = After (Through) Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)

NOTES: 1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.
 2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)
 pH: ± 0.2 units Temperature: ± 0.2 °C Specific Conductance: ± 5% Dissolved Oxygen: all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) Turbidity: all readings ≤ 20 NTU, optionally ± 5 NTU or ± 10% (whichever is greater)

Revision Date: March 1, 2014 **25**

DEP Form FD 9000-24: GROUNDWATER SAMPLING LOG

SITE NAME: # <u>Speedway 6893</u>	SITE LOCATION: <u>1508 79th St., North Bay Village, Miami, FL 33141</u>
WELL NO: <u>CW13</u>	SAMPLE ID: <u>CW13 01202021</u>
DATE: <u>1/20/21</u>	

PURGING DATA

WELL DIAMETER (inches): <u>2</u>	TUBING DIAMETER (inches): <u>3/16</u>	WELL SCREEN INTERVAL DEPTH: <u>2</u> feet to <u>8</u> feet	STATIC DEPTH TO WATER (feet): <u>2.58</u>	PURGE PUMP TYPE OR BAILER: <u>PP</u>
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WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH - STATIC DEPTH TO WATER) X WELL CAPACITY
 (only fill out if applicable). = (feet - feet) X gallons/foot =

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY x TUBING LENGTH) + FLOW CELL VOLUME
 (only fill out if applicable). = gallons + (gallons/foot x feet) + gallons =

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): <u>3.5</u>	FINAL PUMP OR TUBING DEPTH IN WELL (feet): <u>4</u>	PURGING INITIATED AT: <u>1556</u>	PURGING ENDED AT: <u>1640</u>	TOTAL VOLUME PURGED (gallons): <u>2.2P</u>
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TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) <u>µmhos/cm</u> or <u>µS/cm</u>	DISSOLVED OXYGEN (circle units) <u>mg/L</u> or <u>% saturation</u>	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
1616	1.00	1.00	.05	3.44	7.23	27.9	1275	1.91	13.2	CLEAR	None
1636	1.00	2.00	.05	3.46	7.23	28.2	1885	1.43	2.59	CLEAR	None
1638	.10	2.10	.05	3.46	7.23	28.2	1891	1.37	2.40	CLEAR	None
1640	.10	2.20	.05	3.46	7.23	28.2	1909	1.33	1.99	CLEAR	None

222.4
241.1
266.9
270.4

WELL CAPACITY (Gallons Per Foot): 0.75"= 0.02; 1"= 0.04; 1.25"= 0.06; 2"= 0.16; 3"= 0.37; 4"= 0.65; 5"= 1.02; 6"= 1.47; 12"= 5.88
 TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016
 PURGING EQUIPMENT CODES: B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: <u>A. GRANITE HEADS CORP</u>	SAMPLER(S) SIGNATURES: <u>[Signature]</u>	SAMPLING INITIATED AT: <u>1641</u>	SAMPLING ENDED AT: <u>1647</u>
PUMP OR TUBING DEPTH IN WELL (feet): <u>4</u>	TUBING MATERIAL CODE: <u>HDPE</u>	FIELD-FILTERED?: <u>Y</u> <input checked="" type="radio"/> <u>N</u>	FILTER SIZE: _____ µm
FIELD DECONTAMINATION: PUMP <u>Y</u> TUBING <u>N</u> (replaced)	DUPLICATE: <u>Y</u> <input checked="" type="radio"/> <u>N</u>		

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION (Including wet ice)			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH			
CW13	1	HDPE	250ml	HNO3		7.23	6010 PD	APP	380
CW13	1	AG	250ml			7.23	8270C		380
CW13	2	AG	100ml	H2SO4		7.23	FL PD		380
CW13	2	CG	40ml			7.23	EDB		300
CW13	3	CG	40ml	HCl		7.23	PP		300

REMARKS:

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; HDPE = High Density Polyethylene; LDPE = Low Density Poly Ethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING EQUIPMENT CODES: APP = After (Through) Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; RPPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)

NOTES: 1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.
 2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)
 pH: ± 0.2 units Temperature: ± 0.2 °C Specific Conductance: ± 5% Dissolved Oxygen: all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) Turbidity: all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

Revision Date: March 1, 2020

DEP Form FD 9000-24: GROUNDWATER SAMPLING LOG

111 111

SITE NAME: # Speedway 6893	SITE LOCATION: 1508 79th St. Gowsy, North Bay Village, Miami, FL 33141
WELL NO: MWD	SAMPLE ID: MWD01212021
DATE: 1/20/21	

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 3/16	WELL SCREEN INTERVAL DEPTH: 2 feet to 12 feet	STATIC DEPTH TO WATER (feet): 3.35	PURGE PUMP TYPE OR BAILER: PP
WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH - STATIC DEPTH TO WATER) X WELL CAPACITY (only fill out if applicable). = (12 feet - 3.35 feet) X 16 gallons/foot = 138				
EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY x TUBING LENGTH) + FLOW CELL VOLUME (only fill out if applicable). = gallons + (gallons/foot x feet) + gallons =				
INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 4	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 4.5	PURGING INITIATED AT: 1007	PURGING ENDED AT: 1049	TOTAL VOLUME PURGED (gallons): 3.9

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) μmhos/cm or μS/cm	DISSOLVED OXYGEN (circle units) mg/L or %saturation	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
1027	1.4	1.4	.1	4.01	6.08	26.6	400	.17	22.0	clear	none
1038	1.4	2.8	.1	4.01	6.41	26.7	450	.20	5.58		
1045	.7	3.5	.1	4.01	6.53	26.6	464	.18	5.04		
1047	.2	3.7	.1	4.01	6.53	26.6	470	.19	4.80		
1049	.2	3.9	.1	4.01	6.53	26.5	473	.19	4.37		

ORP
-169.3
-206.1
-209.5
-214.6
-215.1

WELL CAPACITY (Gallons Per Foot): 0.75"= 0.02; 1"= 0.04; 1.25"= 0.06; 2"= 0.16; 3"= 0.37; 4"= 0.65; 5"= 1.02; 6"= 1.47; 12"= 5.88
 TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016
 PURGING EQUIPMENT CODES: B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: D. Gable	SAMPLER(S) SIGNATURES: D. Gable	SAMPLING INITIATED AT: 1050	SAMPLING ENDED AT: 1055
PUMP OR TUBING DEPTH IN WELL (feet): 4.5	TUBING MATERIAL CODE: HOPE	FIELD-FILTERED?: Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	FILTER SIZE: _____ μm
FIELD DECONTAMINATION: PUMP Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	TUBING Y <input checked="" type="checkbox"/> N <input type="checkbox"/> (replaced)	DUPLICATE: Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION (Including wet ice)			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH			
MWD	2	CG	40 mL				8260		
MWD	3	CG	40 mL				8260		
MWD	2	AG	100 mL				H2504		
MWD	1	AG	250 mL				8270 SIM		
MWD	1	HOPE	250 mL				HNO2 6010		

REMARKS:

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; HDPE = High Density Polyethylene; LDPE = Low Density Poly Ethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING EQUIPMENT CODES: APP = After (Through) Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)

NOTES: 1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.
 2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)
 pH: ± 0.2 units Temperature: ± 0.2 °C Specific Conductance: ± 5% Dissolved Oxygen: all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) Turbidity: all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

1/29/21
Revision Date: March 1, 2014 27

DEP Form FD 9000-24: GROUNDWATER SAMPLING LOG

SITE NAME: # Speedway 6893	SITE LOCATION: 1508 79th St. Cswy, North Bay Village, Miami, FL 33141
WELL NO: MW0	SAMPLE ID: MW001202021
DATE: 1/20/21	

PURGING DATA

WELL DIAMETER (inches): 2"	TUBING DIAMETER (inches): 3/16	WELL SCREEN INTERVAL DEPTH: 2 feet to 12 feet	STATIC DEPTH TO WATER (feet): 3.01
PURGE PUMP TYPE OR BAILER: P			

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH - STATIC DEPTH TO WATER) X WELL CAPACITY
 (only fill out if applicable).
 = (**12** feet - **3.01** feet) X **.16** gallons/foot = **1.43**

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY x TUBING LENGTH) + FLOW CELL VOLUME
 (only fill out if applicable).
 = _____ gallons + (_____ gallons/foot x _____ feet) + _____ gallons =

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 4	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 4	PURGING INITIATED AT: 1111	PURGING ENDED AT: 1130
TOTAL VOLUME PURGED (gallons): 1.9			

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) μmhos/cm or μS/cm	DISSOLVED OXYGEN (circle units) mg/L or %saturation	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
1126	1.5	1.5	.1	3.39	7.06	26.0	457	.44	4.50	clear	none
1128	.2	1.7	.1	3.39	7.04	26.0	456	.45	3.79	↓	↓
1130	.2	1.9	.1	3.39	7.02	26.1	457	.46	4.00	↓	↓

-238.4
-237.7
-235.2

WELL CAPACITY (Gallons Per Foot): 0.75"= 0.02; 1"= 0.04; 1.25"= 0.06; 2"= 0.16; 3"= 0.37; 4"= 0.65; 5"= 1.02; 6"= 1.47; 12"= 5.88
 TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016
 PURGING EQUIPMENT CODES: B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: D. Goble	SAMPLER(S) SIGNATURES: <i>[Signature]</i>	SAMPLING INITIATED AT: 1131	SAMPLING ENDED AT: 1136
PUMP OR TUBING DEPTH IN WELL (feet): 4	TUBING MATERIAL CODE: HDPE	FIELD-FILTERED?: Y	FILTER SIZE: _____ μm
FIELD DECONTAMINATION: PUMP Y TUBING Y (replaced)		DUPLICATE: Y	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION (Including wet ice)			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH			
MW0	2	CG	40mL				8011		
MW0	3	CG	40mL				8260		
MW0	2	AG	100mL				H2504		
MW0	1	AG	250mL				8270 sm		
MW0	1	HDPE	250mL				H203 6010		

REMARKS:

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; HDPE = High Density Polyethylene; LDPE = Low Density Poly Ethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)
 SAMPLING EQUIPMENT CODES: APP = After (Through) Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)

NOTES: 1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.
 2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)
 pH: ± 0.2 units Temperature: ± 0.2 °C Specific Conductance: ± 5% Dissolved Oxygen: all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) Turbidity: all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

[Signature] 1/27/21
 Revision Date: March 1, 2014 28

DEP Form FD 9000-24: GROUNDWATER SAMPLING LOG

AM 1021

SITE NAME: #	Speedway 6893	SITE LOCATION:	1508 79th St. Gowy, North Bay Village, Miami, FL 33141
WELL NO:	MWF	SAMPLE ID:	MWF01202021
DATE:	1/20/21		

PURGING DATA

WELL DIAMETER (inches):	2	TUBING DIAMETER (inches):	3/16	WELL SCREEN INTERVAL DEPTH: 2 feet to 12 feet	STATIC DEPTH TO WATER (feet):	4.14	PURGE PUMP TYPE OR BAILER:	PP	
WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH - STATIC DEPTH TO WATER) X WELL CAPACITY (only fill out if applicable). = (12 feet - 4.14 feet) X .16 gallons/foot = 1.25									
EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY x TUBING LENGTH) + FLOW CELL VOLUME (only fill out if applicable). = gallons + (gallons/foot x feet) + gallons =									
INITIAL PUMP OR TUBING DEPTH IN WELL (feet):	5	FINAL PUMP OR TUBING DEPTH IN WELL (feet):	5	PURGING INITIATED AT:	1155	PURGING ENDED AT:	1238	TOTAL VOLUME PURGED (gallons):	4.3

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) μmhos/cm or μS/cm	DISSOLVED OXYGEN (circle units) mg/L or %saturation	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
1208	1.3	1.3	.1	4.51	7.15	25.6	394	.76	6.65	clear	none
1221	1.3	2.6	.1	4.51	7.01	25.4	390	.69	5.60	↓	↓
1234	1.3	3.9	.1	4.51	7.10	25.5	390	.65	3.50	↓	↓
1236	.2	4.1	.1	4.51	7.02	25.5	390	.64	3.40	↓	↓
1238	.2	4.3	.1	4.51	7.01	25.6	391	.63	3.34	↓	↓

ORP
-111.2
-112.0
-125.0
-121.2
-126.1

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
 TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016
 PURGING EQUIPMENT CODES: B = Bailor; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION:	D. G. S. L.	SAMPLER(S) SIGNATURES:	[Signature]	SAMPLING INITIATED AT:	1239	SAMPLING ENDED AT:	1244
PUMP OR TUBING DEPTH IN WELL (feet):	5	TUBING MATERIAL CODE:	HDPE	FIELD-FILTERED?:	Y <input checked="" type="checkbox"/>	FILTER SIZE:	_____ μm
FIELD DECONTAMINATION:	PUMP Y <input checked="" type="checkbox"/>	TUBING Y <input checked="" type="checkbox"/>	(replaced)	DUPLICATE:	Y <input checked="" type="checkbox"/>		

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION (Including wet ice)			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH			
MWF	2	CG	40 mL				8011		
MWF	3	CG	40 mL				8260		
MWF	2	AG	100 mL				H ₂ SO ₄		
MWF	1	AG	250 mL				8270 5m		
MWF	1	HDPE	250 mL				HNO ₃ 6000		

REMARKS:

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; HDPE = High Density Polyethylene; LDPE = Low Density Poly Ethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING EQUIPMENT CODES: APP = After (Through) Peristaltic Pump; B = Bailor; BP = Bladder Pump; ESP = Electric Submersible Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)

NOTES: 1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.
 2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)
 pH: ± 0.2 units Temperature: ± 0.2 °C Specific Conductance: ± 5% Dissolved Oxygen: all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) Turbidity: all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

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 Revision Date: March 1, 2014 29

DEP Form FD 9000-24: GROUNDWATER SAMPLING LOG

PM 1M

SITE NAME: # Speedway 6893	SITE LOCATION: 1508 79th St. Cswy, North Bay Village, Miami, FL 33141
WELL NO: MWE	SAMPLE ID: MWE 01202021
DATE: 9/20/21	

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 3/16	WELL SCREEN INTERVAL DEPTH: 2 feet to 12 feet	STATIC DEPTH TO WATER (feet): 3.56	PURGE PUMP TYPE OR BAILER: PP
WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH - STATIC DEPTH TO WATER) X WELL CAPACITY (only fill out if applicable). = (12 feet - 3.56 feet) X 1.16 gallons/foot = 1.35				
EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY x TUBING LENGTH) + FLOW CELL VOLUME (only fill out if applicable). = gallons + (gallons/foot x feet) + gallons =				
INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 4	FINAL PUMP OR TUBING DEPTH IN WELL (feet):	PURGING INITIATED AT: 1303	PURGING ENDED AT: 1321	TOTAL VOLUME PURGED (gallons): 1.8

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) μmhos/cm or μS/cm	DISSOLVED OXYGEN (circle units) mg/L or %saturation	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
1317	1.4	1.4	.1	3.63	6.97	27.4	1037	.73	2.46	Clear	none
1319	.2	1.6	.1	3.63	6.96	27.3	1037	.74	2.30	↓	↓
1321	.2	1.8		3.63	6.95	27.4	1037	.73	2.67	↓	↓

ORP
-101.9
-101.3
-112.4

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
 TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016
 PURGING EQUIPMENT CODES: B = Bailor; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: D. Asale	SAMPLER(S) SIGNATURES: [Signature]	SAMPLING INITIATED AT: 1322	SAMPLING ENDED AT: 1327
PUMP OR TUBING DEPTH IN WELL (feet):	TUBING MATERIAL CODE: HDPE	FIELD-FILTERED?: Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	FILTER SIZE: _____ μm
FIELD DECONTAMINATION: PUMP Y <input checked="" type="checkbox"/> TUBING Y <input checked="" type="checkbox"/> (replaced)	DUPLICATE: Y <input checked="" type="checkbox"/>		

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION (Including wet ice)			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH			
MWE	2	CG	40 mL				8211		
MWE	3	CG	40 mL				8260		
MWE	2	AG	100 mL				H2504		
MWE	1	AG	250 mL				8270 Sin		
MWE	1	HDPE	250 mL				H103 6010		

REMARKS:

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; HDPE = High Density Polyethylene; LDPE = Low Density Poly Ethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING EQUIPMENT CODES: APP = After (Through) Peristaltic Pump; B = Bailor; BP = Bladder Pump; ESP = Electric Submersible Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)

NOTES: 1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.
 2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)
 pH: ± 0.2 units Temperature: ± 0.2 °C Specific Conductance: ± 5% Dissolved Oxygen: all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) Turbidity: all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

[Signature] 9/29/21
 Revision Date: March 1, 2014 30

DEP Form FD 9000-24: GROUNDWATER SAMPLING LOG

SITE NAME: Speedway 6893	SITE LOCATION: 1508 79th St. Swy, North Bay Village, Miami, FL 33141
WELL NO: CWS	SAMPLE ID: CWS01202021
DATE: 1/29/20	

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 3/16	WELL SCREEN INTERVAL DEPTH: 2.5 feet to 8.8 feet	STATIC DEPTH TO WATER (feet): 3.67	PURGE PUMP TYPE OR BAILER: PP
WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH - STATIC DEPTH TO WATER) X WELL CAPACITY (only fill out if applicable). = (8.8 feet - 3.67 feet) X 5.0 gallons/foot = .82				
EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY x TUBING LENGTH) + FLOW CELL VOLUME (only fill out if applicable). = _____ gallons + (_____ gallons/foot x _____ feet) + _____ gallons =				

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 4	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 4.5	PURGING INITIATED AT: 1400	PURGING ENDED AT: 1415	TOTAL VOLUME PURGED (gallons): 1.50
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TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) μmhos/cm or μS/cm	DISSOLVED OXYGEN (circle units) mg/L or %saturation	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
1404	.9	.9	.1	4.29	7.18	26.0	1174	.41	4.22	Clear	None
1411	.82	1.00	.11	4.29	7.17	26.2	1243	.03	3.40		
1413	.82	1.30	.1	4.29	7.18	26.2	1252	.08	3.04		
1415	.2	1.50	.1	4.29	7.17	26.3	1260	.29	2.68		

ORP
-277.3
-277.9
-287.1
-284.1

WELL CAPACITY (Gallons Per Foot): 0.75"= 0.02; 1"= 0.04; 1.25"= 0.06; 2"= 0.16; 3"= 0.37; 4"= 0.65; 5"= 1.02; 6"= 1.47; 12"= 5.88
 TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016
 PURGING EQUIPMENT CODES: B = Bailor; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: D. G. S. G. S.	SAMPLER(S) SIGNATURES: <i>[Signature]</i>	SAMPLING INITIATED AT: 1416	SAMPLING ENDED AT: 1421
PUMP OR TUBING DEPTH IN WELL (feet): 4.5	TUBING MATERIAL CODE: HDPE	FIELD-FILTERED?: Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	FILTER SIZE: _____ μm
FIELD DECONTAMINATION: PUMP Y <input checked="" type="checkbox"/> N <input type="checkbox"/> TUBING Y <input checked="" type="checkbox"/> N (replaced) <input type="checkbox"/>	DUPLICATE: Y <input checked="" type="checkbox"/> N <input type="checkbox"/>		

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION (Including wet ice)			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH			
CWS	2	CG	40mL				8011		
CWS	3	CG	40mL				8260		
CWS	2	AG	100mL				H2504		
CWS	1	AG	250mL				8270 S1a		
CWS	1	ADPE	250mL				HNO3 6010		

REMARKS:

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; HDPE = High Density Polyethylene; LDPE = Low Density Poly Ethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING EQUIPMENT CODES: APP = After (Through) Peristaltic Pump; B = Bailor; BP = Bladder Pump; ESP = Electric Submersible Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)

NOTES: 1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.
 2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)
 pH: ± 0.2 units Temperature: ± 0.2 °C Specific Conductance: ± 5% Dissolved Oxygen: all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) Turbidity: all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

[Signature] 1/29/20
 Revision Date: March 1, 2014

DEP Form FD 9000-24: GROUNDWATER SAMPLING LOG

SITE NAME: Speeway 6893	SITE LOCATION: 1508 79th St. City, North Bay Village, Miami, FL 33141
WELL NO: CW11	SAMPLE ID: CW1101202021
	DATE: 1/20/21

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 3/16	WELL SCREEN INTERVAL DEPTH: 2.4 feet to 9.4 feet	STATIC DEPTH TO WATER (feet): 2.83	PURGE PUMP TYPE OR BAILER: PP								
WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH - STATIC DEPTH TO WATER) X WELL CAPACITY (only fill out if applicable). = (9.4 feet - 2.83 feet) X 16 gallons/foot = 1.05												
EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY x TUBING LENGTH) + FLOW CELL VOLUME (only fill out if applicable). = _____ gallons + (_____ gallons/foot x _____ feet) + _____ gallons = _____												
INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 3.5	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 4	PURGING INITIATED AT: 1447	PURGING ENDED AT: 1515	TOTAL VOLUME PURGED (gallons): 2.8								
TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) μ mhos/cm or μ S/cm	DISSOLVED OXYGEN (circle units) mg/L or %saturation	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)	
1458	1.1	1.1	.1	3.67	7.20	28.6	823	.74	7.21	clear	none	ORP -291.9
1509	1.1	2.2	.1	3.67	7.04	28.6	802	.77	5.04			-291.1
1511	.2	2.4	.1	3.67	7.03	28.6	791	.78	4.32			-299.9
1513	.2	2.6	.1	3.67	7.05	28.6	794	.78	3.52			-301.1
1515	.2	2.8	.1	3.67	7.04	28.6	780	.77	3.97			-302.6
WELL CAPACITY (Gallons Per Foot): 0.75"= 0.02; 1"= 0.04; 1.25"= 0.06; 2"= 0.16; 3"= 0.37; 4"= 0.65; 5"= 1.02; 6"= 1.47; 12"= 5.88												
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016												
PURGING EQUIPMENT CODES: B = Bailor; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)												

SAMPLING DATA

SAMPLED BY (FRINT) / AFFILIATION: D. G. St. Jr.				SAMPLER(S) SIGNATURES: D. G. St. Jr.				SAMPLING INITIATED AT: 1516		SAMPLING ENDED AT: 1520	
PUMP OR TUBING DEPTH IN WELL (feet): 4				TUBING MATERIAL CODE: HDPE				FIELD-FILTERED?: Y <input checked="" type="checkbox"/> N <input type="checkbox"/>		FILTER SIZE: _____ μ m	
FIELD DECONTAMINATION: PUMP Y <input checked="" type="checkbox"/> CN <input type="checkbox"/>				TUBING Y <input checked="" type="checkbox"/> CN (replaced) <input type="checkbox"/>				DUPLICATE: Y <input checked="" type="checkbox"/> N <input type="checkbox"/>			
SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION (Including wet ice)				INTENDED ANALYSIS AND/OR METHOD		SAMPLE PUMP FLOW RATE (mL per minute)	
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH					
CW11	2	CG	40mL				8011				
CW11	3	CG	40mL				8260				
CW11	1	HDPE	250mL				4003610				
REMARKS:											
MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; HDPE = High Density Polyethylene; LDPE = Low Density Poly Ethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)											
SAMPLING EQUIPMENT CODES: APP = After (Through) Peristaltic Pump; B = Bailor; BP = Bladder Pump; ESP = Electric Submersible Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)											

NOTES: 1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.
 2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)
 pH: \pm 0.2 units Temperature: \pm 0.2 °C Specific Conductance: \pm 5% Dissolved Oxygen: all readings \leq 20% saturation (see Table FS 2200-2); optionally, \pm 0.2 mg/L or \pm 10% (whichever is greater) Turbidity: all readings \leq 20 NTU; optionally \pm 5 NTU or \pm 10% (whichever is greater)

Revision Date: March 1, 2014 **32**

DEP Form FD 9000-24: GROUNDWATER SAMPLING LOG

PPY #74

SITE NAME: # Speedway 6893	SITE LOCATION: 1508 79th St. Gony, North Bay Village, Miami, FL 33161
WELL NO: MWI	SAMPLE ID: MWI01202021
DATE: 1/20/21	

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 3/16	WELL SCREEN INTERVAL DEPTH: 2 feet to 12 feet	STATIC DEPTH TO WATER (feet): 2.32	PURGE PUMP TYPE OR BAILER: PP
WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH - STATIC DEPTH TO WATER) X WELL CAPACITY (only fill out if applicable). = (12 feet - 2.32 feet) X 9.60 gallons/foot = 1.54				
EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME (only fill out if applicable). = 3 gallons + (3/16 gallons/foot x 12 feet) + 0 gallons = 3.12				
INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 3	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 3	PURGING INITIATED AT: 1536	PURGING ENDED AT: 1556	TOTAL VOLUME PURGED (gallons): 2.0

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) μmhos/cm or μS/cm	DISSOLVED OXYGEN (circle units) mg/L or %saturation	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
1552	1.6	1.6	.1	2.61	7.09	26.7	898	.79	2.28	Clear	None
1554	.2	1.8	.1	2.61	7.02	26.7	844	.75	2.14	L	L
1556	.2	2.0	.1	2.61	6.99	26.6	862	.74	1.92	L	L

WELL CAPACITY (Gallons Per Foot): 0.75"= 0.02; 1"= 0.04; 1.25"= 0.06; 2"= 0.16; 3"= 0.37; 4"= 0.65; 5"= 1.02; 6"= 1.47; 12"= 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0028; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016
PURGING EQUIPMENT CODES: B = Bailor; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)

CRP
-276.5
-276.8
-277.2

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: D. Gony	SAMPLER(S) SIGNATURES: <i>[Signature]</i>	SAMPLING INITIATED AT: 1557	SAMPLING ENDED AT: 1602
PUMP OR TUBING DEPTH IN WELL (feet): 3	TUBING MATERIAL CODE: HDPE	FIELD-FILTERED?: Y <input checked="" type="checkbox"/> CM	FILTER SIZE: _____ μm
FIELD DECONTAMINATION: PUMP Y <input checked="" type="checkbox"/> CM	TUBING Y <input checked="" type="checkbox"/> N (replaced)	DUPLICATE: Y <input checked="" type="checkbox"/>	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION (Including wet ice)			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH			
MWI	2	CG	40ml			6.99	8011	APP	300
MWI	3	CG	40ml	AP		6.2	8260		300
MWI	2	AG	100ml	H2SO4		6.2	H2SO4		380
MWI	1	AG	250ml			6.99	8270 Sim		380
MWI	1	HDPE	250ml	HNO3		6.2	HNO3 6010		380

REMARKS:

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; HDPE = High Density Polyethylene; LDPE = Low Density Poly Ethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING EQUIPMENT CODES: APP = After (Through) Peristaltic Pump; B = Bailor; BP = Bladder Pump; ESP = Electric Submersible Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)

NOTES: 1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.
2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)
pH: ± 0.2 units Temperature: ± 0.2 °C Specific Conductance: ± 5% Dissolved Oxygen: all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) Turbidity: all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

DEP Form FD 9000-24: GROUNDWATER SAMPLING LOG

SITE NAME: Speedway 6893	SITE LOCATION: 1508 79th St. Gwy, North Bay Village, Miami, FL 33141
WELL NO: MWL	SAMPLE ID: MWL01202021
DATE: 1/20/21	

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 3/16	WELL SCREEN INTERVAL DEPTH: 2 feet to 12 feet	STATIC DEPTH TO WATER (feet): 2.52	PURGE PUMP TYPE OR BAILER: PP
WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH - STATIC DEPTH TO WATER) X WELL CAPACITY (only fill out if applicable). = (12 feet - 2.52 feet) X 9.46 gallons/foot = 1.51				
EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY x TUBING LENGTH) + FLOW CELL VOLUME (only fill out if applicable). = gallons + (gallons/foot x feet) + gallons =				
INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 3	FINAL PUMP OR TUBING DEPTH IN WELL (feet):	PURGING INITIATED AT: 1622	PURGING ENDED AT: 1642	TOTAL VOLUME PURGED (gallons): 2.0

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) μmhos/cm or μS/cm	DISSOLVED OXYGEN (circle units) mg/L or %saturation	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
1638	1.6	1.6	.1	2.78	7.31	26.5	1439	.63	3.21	clear	none
1640	.7	1.8	.1	2.78	7.32	26.5	1450	.61	2.49	↓	↓
1642	.2	2.0	.1	2.78	7.32	26.5	1438	.03	2.73	↓	↓

CRP
- 320.4
- 320.7
- 394

WELL CAPACITY (Gallons Per Foot): 0.75"= 0.02; 1"= 0.04; 1.25"= 0.06; 2"= 0.16; 3"= 0.37; 4"= 0.65; 5"= 1.02; 6"= 1.47; 12"= 5.88
 TUBING INSIDE DIA. CAPACITY (Gal./Ft): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016
 PURGING EQUIPMENT CODES: B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: D. G. K.				SAMPLER(S) SIGNATURES: [Signature]				SAMPLING INITIATED AT: 1643	SAMPLING ENDED AT: 1648
PUMP OR TUBING DEPTH IN WELL (feet):				TUBING MATERIAL CODE:		FIELD-FILTERED?: Y <input checked="" type="checkbox"/>	FILTER SIZE: _____ μm		
FIELD DECONTAMINATION: PUMP Y <input checked="" type="checkbox"/> TUBING Y <input checked="" type="checkbox"/> (replaced)				DUPLICATE: Y <input checked="" type="checkbox"/>				Filtration Equipment Type:	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION (Including wet ice)			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH			
MWL	2	CG	40 mL				8011		
MWL	3	CG	40 mL				8260		
MWL	2	AG	100 mL				H2SO4		
MWL	1	AG	250 mL				8270 S14		
MWL	1	ADPE	250 mL				HNO3 6010		

REMARKS:

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; HDPE = High Density Polyethylene; LDPE = Low Density Poly Ethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING EQUIPMENT CODES: APP = After (Through) Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)

NOTES: 1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.
 2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)
 pH: ± 0.2 units Temperature: ± 0.2 °C Specific Conductance: ± 5% Dissolved Oxygen: all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) Turbidity: all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

Revision Date: March 1, 2014 34

DEP Form FD 9000-24: GROUNDWATER SAMPLING LOG

PM MM

SITE NAME: # Speedway 6893	SITE LOCATION: 1508 79th St. Geny, North Bay Village, Miami, FL 33141
WELL NO: cw2	SAMPLE ID: cw2 01212021
DATE: 1/21/21	

PURGING DATA

WELL DIAMETER (inches): 4	TUBING DIAMETER (inches): 3/16	WELL SCREEN INTERVAL DEPTH: 1.8 feet to 3.8 feet	STATIC DEPTH TO WATER (feet): 3.46	PURGE PUMP TYPE OR BAILER: P
WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH - STATIC DEPTH TO WATER) X WELL CAPACITY (only fill out if applicable). = (9.80 feet - 3.46 feet) X 0.65 gallons/foot = 3.47				
EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL = PUMP VOLUME + (TUBING CAPACITY x TUBING LENGTH) + FLOW CELL VOLUME (only fill out if applicable). = _____ gallons + (_____ gallons/foot x _____ feet) + _____ gallons =				

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 4	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 4	PURGING INITIATED AT: 0803	PURGING ENDED AT: 0827	TOTAL VOLUME PURGED (gallons): 4.94.6
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TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) umhos/cm or µS/cm	DISSOLVED OXYGEN (circle units) mg/L or %saturation	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
0823	4.0	4.0	.2	3.46	6.35	24.2	629	1.32	3.09	Clear	None
0825	.4	4.4	.2	3.46	6.39	24.0	626	1.31	2.52	↓	↓
0827	.4	4.8	.2	3.46	6.38	24.1	638	1.39	2.78	↓	↓

ORA
-94.1
-97.7
-99.3

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02, 1" = 0.04, 1.25" = 0.06, 2" = 0.16, 3" = 0.37, 4" = 0.65, 5" = 1.02, 6" = 1.47, 12" = 5.88
 TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016
 PURGING EQUIPMENT CODES: B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: P. White	SAMPLER(S) SIGNATURES: <i>[Signature]</i>	SAMPLING INITIATED AT: 0828	SAMPLING ENDED AT: 0829
PUMP OR TUBING DEPTH IN WELL (feet): 4	TUBING MATERIAL CODE: HDPE	FIELD-FILTERED?: Y <input checked="" type="checkbox"/> N	FILTER SIZE: _____ µm
FIELD DECONTAMINATION: PUMP Y <input checked="" type="checkbox"/> N	TUBING Y <input checked="" type="checkbox"/> N (replaced)	DUPLICATE: Y <input checked="" type="checkbox"/> N	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION (Including wet ice)			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH			
cw2	2	CG	40 mL				8011 EOB		
cw2	3	CG	40 mL				8260 R		
cw2	2	AG	40 mL				42504 F1P0		
cw2	1	AG	40 mL				8270 Sm		
cw2	1	HDPE	40 mL				H403 L010		

REMARKS:

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; HDPE = High Density Polyethylene; LDPE = Low Density Poly Ethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING EQUIPMENT CODES: APP = After (Through) Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; RFPF = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)

NOTES: 1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.
 2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)
 pH: ± 0.2 units Temperature: ± 0.2 °C Specific Conductance: ± 5% Dissolved Oxygen: all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) Turbidity: all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

Signature: *[Signature]* 1/29/21
 Revision Date: March 1, 2014 35

DEP Form FD 9000-24: GROUNDWATER SAMPLING LOG

SITE NAME: # Speedway 6893	SITE LOCATION: 1508 79th St. Omni, North Bay Village, Miami, FL 33141
WELL NO: CW6	SAMPLE ID: CW601212021
DATE: 1/21/21	

PURGING DATA

WELL DIAMETER (inches): 4	TUBING DIAMETER (inches): 3/16	WELL SCREEN INTERVAL DEPTH: 2 feet to 10 feet	STATIC DEPTH TO WATER (feet): 5.50	PURGE PUMP TYPE OR BAILER: PP
WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH - STATIC DEPTH TO WATER) X WELL CAPACITY (only fill out if applicable). = (10 feet - 3.50 feet) X 6.5 gallons/foot = 4.22				
EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY x TUBING LENGTH) + FLOW CELL VOLUME (only fill out if applicable). = _____ gallons + (_____ gallons/foot x _____ feet) + _____ gallons = _____				
INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 4	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 4	PURGING INITIATED AT: 0856	PURGING ENDED AT: 0925	TOTAL VOLUME PURGED (gallons): 5.4

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) μmhos/cm or μS/cm	DISSOLVED OXYGEN (circle units) mg/L or %saturation	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
0921	5.0	5.0	.2	3.59	6.71	26.3	897	.74	3.79	clear	no od
0923	.2	5.2	.2	3.59	6.72	26.3	907	.66	3.23	↓	↓
0925	.2	5.4	.2	3.59	6.74	26.3	921	.60	3.79	↓	↓

WELL CAPACITY (Gallons Per Foot): 0.75"= 0.02; 1"= 0.04; 1.25"= 0.06; 2"= 0.16; 3"= 0.37; 4"= 0.65; 5"= 1.02; 6"= 1.47; 12"= 5.88
 TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016
 PURGING EQUIPMENT CODES: B = Bailor; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: D. Lopez	SAMPLER(S) SIGNATURES: <i>[Signature]</i>	SAMPLING INITIATED AT: 0926	SAMPLING ENDED AT: 0930
PUMP OR TUBING DEPTH IN WELL (feet): 4	TUBING MATERIAL CODE: HDPE	FIELD-FILTERED?: Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	FILTER SIZE: _____ μm
FIELD DECONTAMINATION: PUMP Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	TUBING Y <input checked="" type="checkbox"/> N <input type="checkbox"/> (replaced)	DUPLICATE: Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION (Including wet ice)			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH			
CW6	2	CG	40 mL				801		
CW6	3	CG	40 mL				8260		
CW6	1	HDPE	250 mL				HDPE 6010		

REMARKS:

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; HDPE = High Density Polyethylene; LDPE = Low Density Poly Ethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING EQUIPMENT CODES: APP = After (Through) Peristaltic Pump; B = Bailor; BP = Bladder Pump; ESP = Electric Submersible Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)

NOTES: 1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.
 2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)
 pH: ± 0.2 units Temperature: ± 0.2 °C Specific Conductance: ± 5% Dissolved Oxygen: all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) Turbidity: all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

[Signature] 1/29/21
 Revision Date: March 1, 2014 *SC*

DEP Form FD 9000-24: GROUNDWATER SAMPLING LOG

SITE NAME: # Speeicway 6893	SITE LOCATION: 1508 79th St. Gowy, North Bay Village, Miami, FL 33141
WELL NO: CWS	SAMPLE ID: CWS01212021
DATE: 1/21/21	

PURGING DATA

WELL DIAMETER (inches): 4	TUBING DIAMETER (inches): 3/16	WELL SCREEN INTERVAL DEPTH: 2.9 feet to 6.8 feet	STATIC DEPTH TO WATER (feet): 3.38	PURGE PUMP TYPE OR BAILER: PP
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WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH - STATIC DEPTH TO WATER) X WELL CAPACITY
 (only fill out if applicable).
 = (**6.8** feet - **3.38** feet) X **0.65** gallons/foot = **3.5**

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY x TUBING LENGTH) + FLOW CELL VOLUME
 (only fill out if applicable).
 = _____ gallons + (_____ gallons/foot x _____ feet) + _____ gallons = _____

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 4	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 4	PURGING INITIATED AT: 0942	PURGING ENDED AT: 1006	TOTAL VOLUME PURGED (gallons): 444.6
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TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) μmhos/cm or μS/cm	DISSOLVED OXYGEN (circle units) mg/L or %saturation	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
1002	4	4	.2	3.49	6.92	26.4	1030	1.41	2.28	low	None
1004	.2	4.2	.2	3.49	6.91	26.4	1033	1.41	2.26	↓	↓
1006	.2	4.4	.2	3.49	6.92	26.5	1031	1.39	2.14	↓	↓

ORP
-31.9
-29.4
-27.8

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
 TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016
 PURGING EQUIPMENT CODES: B = Bailer, BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: D. Casale	SAMPLER(S) SIGNATURES: <i>[Signature]</i>	SAMPLING INITIATED AT: 1007	SAMPLING ENDED AT: 1012
PUMP OR TUBING DEPTH IN WELL (feet): 4	TUBING MATERIAL CODE: HDPE	FIELD-FILTERED?: Y <input checked="" type="checkbox"/>	FILTER SIZE: _____ μm
FIELD DECONTAMINATION: PUMP Y <input checked="" type="checkbox"/>	TUBING Y <input checked="" type="checkbox"/>	DUPLICATE: Y <input checked="" type="checkbox"/>	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION (Including wet ice)			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH			
CWS	2	CG	40 mL				8011		
CWS	3	CG	40 mL				8260		
CWS	2	AG	100 mL				H2504		
CWS	1	AG	250 mL				8270 SIM		
CW2	1	HDPE	250 mL				H103 6010		

REMARKS:

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; HDPE = High Density Polyethylene; LDPE = Low Density Poly Ethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING EQUIPMENT CODES: APP = After (Through) Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)

NOTES: 1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.
 2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)
 pH: ± 0.2 units Temperature: ± 0.2 °C Specific Conductance: ± 5% Dissolved Oxygen: all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) Turbidity: all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

[Signature] 1/29/21
 Revision Date: March 1, 2014 37

DEP Form FD 9000-24: GROUNDWATER SAMPLING LOG

SITE NAME: Speedway 6893	SITE LOCATION: 1508 79th St. Hwy, North Bay Village, Miami, FL 33141
WELL NO: CW1	SAMPLE ID: CW101212021
DATE: 1/21/21	

PURGING DATA

WELL DIAMETER (inches): 4	TUBING DIAMETER (inches): 3/16	WELL SCREEN INTERVAL DEPTH: 2 feet to 10 feet	STATIC DEPTH TO WATER (feet): 3.73	PURGE PUMP TYPE OR BAILER: PP
WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH - STATIC DEPTH TO WATER) X WELL CAPACITY (only fill out if applicable). = (10 feet - 3.73 feet) X 6.27 feet X .65 gallons/foot = 4.07				
EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME (only fill out if applicable). = _____ gallons + (_____ gallons/foot x _____ feet) + _____ gallons =				

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 4.5	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 4.5	PURGING INITIATED AT: 1024	PURGING ENDED AT: 1053	TOTAL VOLUME PURGED (gallons): 5.8
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TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) μmhos/cm or μS/cm	DISSOLVED OXYGEN (circle units) mg/L or %saturation	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
1049	5	5	.2	3.97	7.03	27.0	1040	.94	1.94	clear	None
1051	.2	5.2	.2	3.97	7.02	27.0	1040	.92	1.96	↓	↓
1053	.4	5.8	.2	3.97	7.02	27.0	1041	.89	1.80	↓	↓

ORP
-35.3
-37.6
-38.6

WELL CAPACITY (Gallons Per Foot): 0.75"= 0.02; 1"= 0.04; 1.25"= 0.06; 2"= 0.16; 3"= 0.37; 4"= 0.65; 5"= 1.02; 6"= 1.47; 12"= 5.88
 TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016
 PURGING EQUIPMENT CODES: B = Bailor; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: D. Corde	SAMPLER(S) SIGNATURES: [Signature]	SAMPLING INITIATED AT: 1054	SAMPLING ENDED AT: 1100
PUMP OR TUBING DEPTH IN WELL (feet): 4.5	TUBING MATERIAL CODE: HDPE	FIELD-FILTERED?: Y	FILTER SIZE: _____ μm
FIELD DECONTAMINATION: PUMP Y	TUBING Y (replaced)	DUPLICATE: Y	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION (including wet ice)			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH			
CW1	2	CG	40mL				5011		
CW1	3	CG	40mL				8260		
CW1	2	AG	100mL				H2SO4 Field		
CW1	1	AG	250mL				8270 514		
CB1	1	HDPE	250mL				HNO3 6010		

REMARKS:

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; HDPE = High Density Polyethylene; LDPE = Low Density Poly Ethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)
 SAMPLING EQUIPMENT CODES: APP = After (Through) Peristaltic Pump; B = Bailor; BP = Bladder Pump; ESP = Electric Submersible Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)

NOTES: 1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.
 2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)
 pH: ± 0.2 units Temperature: ± 0.2 °C Specific Conductance: ± 5% Dissolved Oxygen: all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) Turbidity: all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

[Signature] 1/29/21
Revision Date: March 1, 2014 **38**

DEP Form FD 9000-24: GROUNDWATER SAMPLING LOG

SITE NAME: Speedway 6893	SITE LOCATION: 1508 79th St. Sunny, North Bay Village, Miami, FL 33141
WELL NO: CW10	SAMPLE ID: CW10 0121 2021
DATE: 11/21/20	

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 3/16	WELL SCREEN INTERVAL DEPTH: 2 feet to 8 feet	STATIC DEPTH TO WATER (feet): 2.87	PURGE PUMP TYPE OR BAILER: PP
WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH - STATIC DEPTH TO WATER) X WELL CAPACITY (only fill out if applicable). = (8 feet - 2.87 feet) X 5.13 gallons/foot = 0.82 gallons				
EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME (only fill out if applicable). = 3.5 gallons + (3.5 gallons/foot x 3.5 feet) + 0.82 gallons = 13.0 gallons				

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 3.5	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 3.5	PURGING INITIATED AT: 0809	PURGING ENDED AT: 0823	TOTAL VOLUME PURGED (gallons): 13.0
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TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) μmhos/cm or μS/cm	DISSOLVED OXYGEN (circle units) mg/L or %saturation	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
0814	.90	.90	.10	3.25	6.63	24.8	1597	1.37	4.63	CLEAR	None
0821	.20	1.10	.10	3.25	6.65	26.7	1594	1.38	4.71	CLEAR	None
0823	.20	1.30	.10	3.25	6.69	26.7	1596	1.34	4.02	CLEAR	None

0AP
83.5
94.2
225.3

WELL CAPACITY (Gallons Per Foot): 0.75"= 0.02; 1"= 0.04; 1.25"= 0.06; 2"= 0.16; 3"= 0.37; 4"= 0.65; 5"= 1.02; 6"= 1.47; 12"= 5.88
 TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016
 PURGING EQUIPMENT CODES: B = Bailor; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: A. GARDNER / FORD CORP	SAMPLER(S) SIGNATURES: [Signature]	SAMPLING INITIATED AT: 0824	SAMPLING ENDED AT: 0828
PUMP OR TUBING DEPTH IN WELL (feet): 3.5	TUBING MATERIAL CODE: HDPE	FIELD-FILTERED?: Y (N)	FILTER SIZE: _____ μm
FIELD DECONTAMINATION: PUMP Y (N) TUBING Y (N) (replaced)	DUPLICATE: Y (N)		

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION (Including wet ice)			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (ml per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH			
CW10	1	HDPE	250ml	HD03		6.69	6000 PB	APP	380
CW10	2	CG	40ml			6.69	EDS	I	300
CW10	3	CG	40ml	Hcl		6.69	PP	I	300

REMARKS:

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; HDPE = High Density Polyethylene; LDPE = Low Density Poly Ethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING EQUIPMENT CODES: APP = After (Through) Peristaltic Pump; B = Bailor; BP = Bladder Pump; ESP = Electric Submersible Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)

NOTES: 1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.
 2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)
 pH: ± 0.2 units Temperature: ± 0.2 °C Specific Conductance: ± 5% Dissolved Oxygen: all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) Turbidity: all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

[Signature] 11/21/20
 Revision Date: March 1, 2014

DEP Form FD 9000-24: GROUNDWATER SAMPLING LOG

SITE NAME: Speedway 6893	SITE LOCATION: 1508 79th St. Gomy, North Bay Village, Miami, FL 33141
WELL NO: CW9	SAMPLE ID: CW9 01212021
DATE: 1/21/21	

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 3/16	WELL SCREEN INTERVAL DEPTH: 2 feet to 9 feet	STATIC DEPTH TO WATER (feet): 3.02	PURGE PUMP TYPE OR BAILER: PP
WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH - STATIC DEPTH TO WATER) X WELL CAPACITY (only fill out if applicable). = (9 feet - 3.02 feet) X 0.16 gallons/foot = 0.95				

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY x TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable).
= _____ gallons + (_____ gallons/foot x _____ feet) + _____ gallons = _____

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 4	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 4	PURGING INITIATED AT: 0843	PURGING ENDED AT: 0907	TOTAL VOLUME PURGED (gallons): 1.20
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TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) μmhos/cm or μS/cm	DISSOLVED OXYGEN (circle units) mg/L or %saturation	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
0903	1.00	1.00	.05	3.58	6.82	24.6	475	1.00	4.51	1160L	None
0905	.10	1.10	.05	3.58	6.84	24.6	472	0.83	3.66	1	48.4
0907	.10	1.20	.05	3.58	6.85	24.6	470	0.69	3.41	1	49.6

WELL CAPACITY (Gallons Per Foot): 0.75"= 0.02; 1"= 0.04; 1.25"= 0.06; 2"= 0.16; 3"= 0.37; 4"= 0.65; 5"= 1.02; 6"= 1.47; 12"= 5.88
 TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016
 PURGING EQUIPMENT CODES: B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: A Grants/TEAM Com	SAMPLER(S) SIGNATURES: [Signature]	SAMPLING INITIATED AT: 0908	SAMPLING ENDED AT: 0914
PUMP OR TUBING DEPTH IN WELL (feet): 4	TUBING MATERIAL CODE: HDPE	FIELD-FILTERED?: Y (N)	FILTER SIZE: _____ μm
FIELD DECONTAMINATION: PUMP Y TUBING Y (N)	DUPLICATE: Y (N)	Filtration Equipment Type: _____	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION (Including wet ice)			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH			
CW9	1	HDPE	250mL	HClO3		6.85	6000 Pb	APP	380
CW9	1	AG	250mL			6.85	BZ70C	I	380
CW9	2	AG	100mL	H2SO4		6.85	FL PRO	I	380
CW9	2	CG	40mL			6.85	ESB	I	300
CW9	3	CG	40mL	HCl		6.85	PP	I	300

REMARKS:

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; HDPE = High Density Polyethylene; LDPE = Low Density Poly Ethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING EQUIPMENT CODES: APP = After (Through) Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; RFP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)

NOTES: 1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.
 2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)
 pH: ± 0.2 units Temperature: ± 0.2 °C Specific Conductance: ± 5% Dissolved Oxygen: all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) Turbidity: all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

[Signature] 1/29/21
 Revision Date: March 1, 2014 40

DEP Form FD 9000-24: GROUNDWATER SAMPLING LOG

SITE NAME: Spechtway 6893 SITE LOCATION: 1508 79th St. Cswy, North Bay Village, Miami, FL 33171
 WELL NO: MWC SAMPLE ID: MWC 01212021 DATE: 1/21/20

PURGING DATA

WELL DIAMETER (inches): 2 TUBING DIAMETER (inches): 3/16 WELL SCREEN INTERVAL DEPTH: 2 feet to 12 feet STATIC DEPTH TO WATER (feet): 2.88 PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH - STATIC DEPTH TO WATER) X WELL CAPACITY
 (only fill out if applicable). = (12 feet - 2.88 feet) X 0.16 gallons/foot = 1.45 gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
 (only fill out if applicable). = _____ gallons + (_____ gallons/foot x _____ feet) + _____ gallons = _____

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 3.5 FINAL PUMP OR TUBING DEPTH IN WELL (feet): 3.5 PURGING INITIATED AT: 0930 PURGING ENDED AT: 0949 TOTAL VOLUME PURGED (gallons): 1.90

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) umhos/cm or µS/cm	DISSOLVED OXYGEN (circle units) mg/L or %saturation	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
0945	1.50	1.50	.10	3.34	7.25	24.3	287	0.81	2.75	CLEAR	None
0947	.20	1.70	.10	3.34	7.25	24.3	286	0.76	2.79	CLEAR	None
0949	.20	1.90	.10	3.34	7.25	24.4	286	0.71	2.60	CLEAR	None

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
 TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016
 PURGING EQUIPMENT CODES: B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Al Grande / Enviro Con SAMPLER(S) SIGNATURES: [Signature] SAMPLING INITIATED AT: 0950 SAMPLING ENDED AT: 0956

PUMP OR TUBING DEPTH IN WELL (feet): 3.5 TUBING MATERIAL CODE: HDPE FIELD-FILTERED?: Y N FILTER SIZE: _____ µm
 Filtration Equipment Type: _____

FIELD DECONTAMINATION: PUMP Y N TUBING Y N (replaced) DUPLICATE: Y N

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION (including wet ice)			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH			
MWC	1	HDPE	250ml	HNO3		7.2	6010 Pb	APP	380
MWC	1	AG	250ml				8270c	APP	380
MWC	2	AG	100ml	H2SO4		7.2	FL PRO	APP	380
MWC	2	CG	40ml				ED3	APP	300
	3	CG	40ml	HCl		7.2	PP	APP	300

REMARKS: _____

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; HDPE = High Density Polyethylene; LDPE = Low Density Poly Ethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING EQUIPMENT CODES: APP = After (Through) Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; RFPF = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)

NOTES: 1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.
 2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)
 pH: ± 0.2 units Temperature: ± 0.2 °C Specific Conductance: ± 5% Dissolved Oxygen: all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) Turbidity: all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

[Signature] 1/29/21
 Revision Date: March 1, 2014 50

DEP Form FD 9000-24: GROUNDWATER SAMPLING LOG

PM AM

SITE NAME: Speedway 6893	SITE LOCATION: 1508 79th St. NW, North Bay Village, Miami, FL 33141
WELL NO: MW G	SAMPLE ID: MW G 01212021
DATE: 1/21/21	

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 3/16	WELL SCREEN INTERVAL DEPTH: 2 feet to 12 feet	STATIC DEPTH TO WATER (feet): 3.46	PURGE PUMP TYPE OR BAILER: PP
WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH - STATIC DEPTH TO WATER) X WELL CAPACITY (only fill out if applicable). = (12 feet - 3.46 feet) X 0.16 gallons/foot = 1.36 gallons				
EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY x TUBING LENGTH) + FLOW CELL VOLUME (only fill out if applicable). = _____ gallons + (_____ gallons/foot x _____ feet) + _____ gallons =				
INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 4	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 4	PURGING INITIATED AT: 1009	PURGING ENDED AT: 1027	TOTAL VOLUME PURGED (gallons): 1.36

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) μmhos/cm or μS/cm	DISSOLVED OXYGEN (circle units) mg/L or %saturation	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
1023	1.40	1.40	.10	3.76	7.30	25.0	364	1.23	3.36	1000	none
1025	1.0	1.60	.10	3.76	7.30	25.0	365	1.30	3.86	1	1
1027	1.0	1.80	.10	3.76	7.30	25.0	366	1.32	3.91	1	1

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
 TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016
 PURGING EQUIPMENT CODES: B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: A. GARCIA / ITRM Corp	SAMPLER(S) SIGNATURES: <i>[Signature]</i>	SAMPLING INITIATED AT: 1028	SAMPLING ENDED AT: 1034
PUMP OR TUBING DEPTH IN WELL (feet): 4	TUBING MATERIAL CODE: H086	FIELD-FILTERED?: Y (N)	FILTER SIZE: _____ μm
FIELD DECONTAMINATION: PUMP Y (N) TUBING Y (N) (replaced)	DUPLICATE: Y (N)		

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION (Including wet ice)			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH			
MW G	1	H086	250ml	H086		12	6000 Ph	APP	380
MW G	1	AG	250ml			7.30	8200		380
MW G	2	AG	100ml	H2SO4		12	FL Pro		380
MW G	2	CG	40ml			7.30	FOB		300
MW G	3	CG	40ml	Hcl		12	PP		300

REMARKS: **Removed. OBSTRUCTION**

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; HDPE = High Density Polyethylene; LDPE = Low Density Poly Ethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING EQUIPMENT CODES: APP = After (Through) Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; RFPF = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)

NOTES: 1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.
 2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)
 pH: ± 0.2 units Temperature: ± 0.2 °C Specific Conductance: ± 5% Dissolved Oxygen: all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) Turbidity: all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

[Signature] 1/29/21
 Revision Date: March 1/2014

DEP Form FD 9000-24: GROUNDWATER SAMPLING LOG

SITE NAME: Speedway 6893; SITE LOCATION: 1508 79th St., North Bay Village, Miami, FL 33141; WELL NO: MW H; SAMPLE ID: MW H 0121221; DATE: 1/21/21

PURGING DATA

WELL DIAMETER: 2 inches; TUBING DIAMETER: 3/16 inches; WELL SCREEN INTERVAL DEPTH: 2 feet to 12 feet; STATIC DEPTH TO WATER: 2.80 feet; PURGE PUMP TYPE: PP; WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH - STATIC DEPTH TO WATER) X WELL CAPACITY = (12 feet - 2.80 feet) X 0.14 gallons/foot = 1.47 gallons; EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY x TUBING LENGTH) + FLOW CELL VOLUME = 3.5 gallons + (0.0014 gallons/foot x 12 feet) + 0.016 gallons = 3.668 gallons; INITIAL PUMP OR TUBING DEPTH: 3.5; FINAL PUMP OR TUBING DEPTH: 3.5; PURGING INITIATED AT: 1:04; PURGING ENDED AT: 1:00; TOTAL VOLUME PURGED: 1.90 gallons

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88

TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

PURGING EQUIPMENT CODES: B = Bailor; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)

SAMPLING DATA

SAMPLED BY: Granite TIGMAD Corp; SAMPLER(S) SIGNATURES: [Signature]; SAMPLING INITIATED AT: 11:01; SAMPLING ENDED AT: 11:07; PUMP OR TUBING DEPTH: 3.5; TUBING MATERIAL CODE: HDPE; FIELD-FILTERED?: Y; FILTER SIZE: 0.5 micrometers; FIELD DECONTAMINATION: PUMP Y, TUBING Y, DUPLICATE Y; SAMPLE CONTAINER SPECIFICATION: MW H, 1 container, HDPE, 250ml, PRESERVATIVE: H2O2, TOTAL VOL ADDED: 22, pH: 7.36, INTENDED ANALYSIS: 6000 Pb, SAMPLING EQUIPMENT: APP, FLOW RATE: 380; MW H, 1 container, AG, 250ml, PRESERVATIVE: H2O2, TOTAL VOL ADDED: 22, pH: 7.36, INTENDED ANALYSIS: 2000 Pb, SAMPLING EQUIPMENT: APP, FLOW RATE: 380; MW H, 2 containers, AG, 40ml, PRESERVATIVE: H2SO4, TOTAL VOL ADDED: 22, pH: 7.36, INTENDED ANALYSIS: FL 90, SAMPLING EQUIPMENT: APP, FLOW RATE: 380; MW H, 2 containers, AG, 40ml, PRESERVATIVE: H2SO4, TOTAL VOL ADDED: 22, pH: 7.36, INTENDED ANALYSIS: EDB, SAMPLING EQUIPMENT: APP, FLOW RATE: 300; MW H, 3 containers, CO, 40ml, PRESERVATIVE: H2SO4, TOTAL VOL ADDED: 22, pH: 7.36, INTENDED ANALYSIS: PP, SAMPLING EQUIPMENT: APP, FLOW RATE: 300

REMARKS:

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; HDPE = High Density Polyethylene; LDPE = Low Density Poly Ethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING EQUIPMENT CODES: APP = After (Through) Peristaltic Pump; B = Bailor; BP = Bladder Pump; ESP = Electric Submersible Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)

NOTES: 1. The above do not constitute all of the information required by Chapter 62-160, F.A.C. 2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units Temperature: ± 0.2 °C Specific Conductance: ± 5% Dissolved Oxygen: all readings ≤ 20% saturation (see Table FS 2200-2) optionally, ± 0.2 mg/L or ± 10% (whichever is greater) Turbidity: all readings ≤ 20 NTU, optionally ± 5 NTU or ± 10% (whichever is greater)

TERRA-COM WELL INSPECTION FORM

PROJECT INFORMATION	
Project # / Site Name: 2020-0087 <i>NY</i> Speedway 6893	Project Manager: <i>Phil Hoffken</i>
Site Address: 1508 79th St. <i>NY</i> North Bay Village, Mass FL 33141	
Fac ID #: 13/8506324	Work Order #: PO # B7CB83

Well ID	Last Noted Condition	Last Contamination (B = benzene)	If not OK, please indicate all that apply:						Comments or Type of Damage
			All OK	Open Manhole	Obstructed	Unusable Cap	Unusable Lock	Unusable Key	
cw1			X						
cw2									
cw3									
cw5									
cw6									
cw7									
cw8									
cw9									
cw10									
cw11									
cw12									
cw13									
MWA									
MWB									

COMMENTS

SIGNATURES
<div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <p>Recorded by: <i>MRS</i></p> <p>Reviewed by: <i>[Signature]</i></p> </div> <div style="width: 45%;"> <p>Date: <i>1/29/21</i></p> <p>Date: <i>1/29/21</i></p> </div> </div>

TERRA-COM WELL INSPECTION FORM

PROJECT INFORMATION
 Project # / Site Name: 2020-0037187 Speedway 8893
 S Owen's Trls 2 1508 79th St. North Bay Village, Miami, FL 33161
 F 7611 Bx 13/8506324 Work Order #: PO # B7CB8.3
 Project Manager: Phil Hoffman

Well ID	Last Noted Condition	Last Contamination (B = benzene)	Located (Y/N)	Damaged (Y/N)	Specify Type of Damage	Open Manhole (Y/N)	Obstructions (Y/N)	Cap (Y/N)	Lock (Y/N)	Key (Y/N)	Usable (Y/N)
MWC			YES	NO		NO	NO	YES	NO	NO	NO
MWD											
MWS											
MWF											
MWS							YES	NO	NO	NO	NO
MWH											
MWI											
MWS											
MWL											
MWM											
MWN											
MWO											

COMMENTS

DWI

Recorded by: *APG*
 Reviewed by: _____
 Date: 1/20/21
 Date: _____

Phil Hoffman

TERRA-COM FIELD DECONTAMINATION FORM

PROJECT INFORMATION

Site Name: **Speedway 6893** Project #: **2020-0087**
 Site Address: **1508 79th St. ~~Sw~~, North Bay Village, ~~Miami~~ FL 33141**
 Fac ID #: **13/8506324** Work Order #: **PO # B7CB83** Project Manager: **Phil Hoffken**

DECONTAMINATION PROCEDURES

Pre-cleaned by:

FC 1000	Decon. Proc.	Equip.	Sample Point #									
Section #	Description ^a	ID ^b	1	2	3	4	5	6	7	8	9	10

Field Decontamination - FC 1130 General Cleaning

FC 1131	Cleaning procedure for Teflon, Stainless Steel, and Glass Sampling Equipment. Check one box for each procedure.	Hand Auger										
---------	---	---------------	--	--	--	--	--	--	--	--	--	--

FC 1132	Cleaning procedure for Plastic Sampling Equipment.											
---------	--	--	--	--	--	--	--	--	--	--	--	--

FC 1160.3	Cleaning procedure for Teflon, Polyethylene, and Polypropylene Tubing*.											
-----------	---	--	--	--	--	--	--	--	--	--	--	--

FC 1170 - Pumps

FC 1170.1	Submersible Pumps											
-----------	-------------------	--	--	--	--	--	--	--	--	--	--	--

FC 1170.2	Above-ground Pumps used for purging and sampling											
-----------	--	--	--	--	--	--	--	--	--	--	--	--

FC 1190 - Ice Chests and Sampling Containers

FC 1190	Ice Chests											
---------	------------	--	--	--	--	--	--	--	--	--	--	--

FC 1200 - Field Instruments & Drilling Equipment

FC 1210	Field Instruments - (WLI, tapes, meters, etc.) Check one box for each procedure.	WLI YSI IP	27	27	1							
---------	---	------------------	----	----	---	--	--	--	--	--	--	--

FC 1220	Scil Boring Equip. (Only that not used to sample).											
---------	--	--	--	--	--	--	--	--	--	--	--	--

FC 1230	Well Casing Cleaning - (ONLY well riser, casing, and screen that is NOT wrapped in plastic),											
---------	--	--	--	--	--	--	--	--	--	--	--	--

^a Refer to DEP-SOP-001/01 FC 1000 for decontamination protocols. * Field decontamination of tubing is NOT recommended.

^b Record identification number found in left-most column of Field Sampling/Purging Equipment Checklist

SIGNATURES

Prepared by: **Philip Hoffken Jr.**

Logged by:

Reviewed by: _____

Date: **1/7/2021**

Date: **1/20/21 to 1/21/21**

Date: **1/29/21**



CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

Section A		Section B		Section C	
Required Client Information:		Required Project Information:		Invoice Information:	
Company: TERRA-COM Environmental Consulting, Inc. - Jacksonville	Report To: Philip Hoffken	Project Name: Paceway # 6893	Company Name:	Attention:	Company Name:
Address: 112.43rd Ave SW	Copy To:	Purchase Order #:	Address:	Company Name:	Company Name:
Vero Beach, FL 32968		Project Name: Paceway # 6893	Pace Quote:	Pace Project Manager: todd.res@paceclabs.com,	Pace Project Manager: todd.res@paceclabs.com,
Email: phoffken@terra-comenv.com		Project #: 7020088	Requested Due Date:	Pace Profile #:	Pace Profile #:
Phone: (772)217-8502	Fax:				
Requested Due Date:		Requested Due Date:		Requested Due Date:	

Regulatory Agency
State / Location: FL

ITEM #	MATRIX	CODE	SAMPLE ID	COLLECTED		SAMPLE TYPE (G=GRAB C=COMP)	MATRIX CODE (see valid codes to left)	# OF CONTAINERS	Preservatives										Analyses Test Y/N	Requested Analysis Filtered Y/N	Residual Chlorine Y/N							
				START DATE	END DATE				H2SO4	HNO3	HCl	NaOH	Na2S2O3	Methanol	Other	VOC (8260)	EDB (801)	Lead (6010)				PAH (270 SIM)	TRPH (FL-PRO)					
																								DATE	TIME	DATE	TIME	
1	Drinking Water	DW	MWJ 5 01202021	1/20/21	1447	WTG		9	2	1	3					X	X	X	X									
2	Waste Water	WW	CW11 01202021	1/20/21	1516	WTG		6	2	3	1					X	X	X	X									
3	Waste Water Product	WP	MWJ I 01202021	1/20/21	1557	WTG		9	3	2	1	3				X	X	X	X									
4	Oil	OL	CW13 01202021	1/20/21	1641	WTG		9	3	2	1	3				X	X	X	X									
5	Wipe	WP	MW L 01202021	1/20/21	1643	WTG		9	3	2	1	3				X	X	X	X									
6	Air	AR	MW A 01202021	1/20/21	1649	WTG		9	3	2	1	3				X	X	X	X									
7	Other Tissue	OT	CW10 01212021	1/21/21	0821	WTG		6	2	1	3					X	X	X	X									
8	Other Tissue	OT	CWZ 01212021	1/21/21	0828	WTG		9	3	2	1	3				X	X	X	X									
9	Other Tissue	OT	CWQ 01212021	1/21/21	0868	WTG		9	3	2	1	3				X	X	X	X									
10	Other Tissue	OT	CW6 01212021	1/21/21	0876	WTG		6	2	1	3					X	X	X	X									
11	Other Tissue	OT	MW C 01212021	1/21/21	0958	WTG		9	3	2	1	3				X	X	X	X									
12	Other Tissue	OT	CW3 01212021	1/21/21	1007	WTG		9	3	2	1	3				X	X	X	X									

RELINQUISHED BY / AFFILIATION: David G. FRY	DATE: 1/21/21	TIME: 1218	ACCEPTED BY / AFFILIATION: Day Phyllis PA-9	DATE: 1-21-21	TIME: 1217
ADDITIONAL COMMENTS: FAX ID 1318506324					
RECEIVED ON: [] TEMP in C: []					
COOLER Y/N: []					
SEALING Y/N: []					
CUSTODY Y/N: []					
SAMPLES INTACT Y/N: []					
SAMPLER NAME AND SIGNATURE: [Signature]					
PRINT Name of SAMPLER: David G. Fry					
SIGNATURE OF SAMPLER: [Signature]					
DATE Signed: 1/21/21					



CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

Section A
Required Client Information:
 Company: TERRA-COM Environmental Consulting, Inc. - Jacksonville
 Address: 112 43rd Ave SW, Vero Beach, FL 32988
 Phone: (772)217-9502 Fax: (772)217-9502
 Email: phoffken@terra-com-env.com
 Requested Due Date: _____

Section B
Required Project Information:
 Report To: Philip Hoffken
 Copy To: _____
 Purchase Order #: _____
 Project Name: Speedway # 6893
 Project #: _____

Section C
Invoice Information:
 Attention: _____
 Company Name: _____
 Address: _____
 Pace Quote: _____
 Pace Project Manager: todd.rea@paceelabs.com
 Pace Profile #: 11442-9
 State / Location: FL

Page: 1 Of 1

ITEM #	MATRIX CODE (A-Z, 0-9, /, -) Sample IDs must be unique	COLLECTED		SAMPLE TYPE (G=GRAB C=COMP)	MATRIX CODE (see valid codes to left)	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	TEMP in C	Received on	Custody (Y/N)	Sealed Cooler (Y/N)	Samples Intact (Y/N)
		START DATE	END DATE													
1	P21 01A02021	1/21/21	1052	WTS	DW	APC	1/21/21	1052	APC	1/21/21	0630					
2	MWD 01202021	1/20/21	1053	WTS	WT	APC	1/20/21	1053	APC	1/20/21	0630					
3	MWB 01202021	1/20/21	1057	WTS	WW	APC	1/20/21	1057	APC	1/20/21	0630					
4	MWN 01202021	1/20/21	1130	WTS	P	APC	1/20/21	1130	APC	1/20/21	0630					
5	MWD 01202021	1/20/21	1133	WTS	SL	APC	1/20/21	1133	APC	1/20/21	0630					
6	CW7 01202021	1/20/21	1205	WTS	OL	APC	1/20/21	1205	APC	1/20/21	0630					
7	MWF 01202021	1/20/21	1239	WTS	WP	APC	1/20/21	1239	APC	1/20/21	0630					
8	CW12 01202021	1/20/21	1248	WTS	OT	APC	1/20/21	1248	APC	1/20/21	0630					
9	MWK 01202021	1/20/21	1326	WTS	TS	APC	1/20/21	1326	APC	1/20/21	0630					
10	MWB 01202021	1/20/21	1322	WTS		APC	1/20/21	1322	APC	1/20/21	0630					
11	MWS M 01202021	1/20/21	1405	WTS		APC	1/20/21	1405	APC	1/20/21	0630					
12	CW15 01202021	1/20/21	1416	WTS		APC	1/20/21	1416	APC	1/20/21	0630					

ADDITIONAL COMMENTS:
 Empty
 PAC TO 1318501324
 D-10 CR16

RELINQUISHED BY / AFFILIATION: APC
DATE: 1/21/21
TIME: 1215

ACCEPTED BY / AFFILIATION: APC
DATE: 1/21/21
TIME: 0630

TEMP in C: _____

Received on: _____

Custody (Y/N): _____

Sealed Cooler (Y/N): _____

Samples Intact (Y/N): _____

SAMPLER NAME AND SIGNATURE: APC
PRINT Name of SAMPLER: DANIEL GIBBLE
SIGNATURE of SAMPLER: [Signature]

DATE Signed: 1/21/21



CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

Section A
 Required Client Information:
 Company: TERRA-COM Environmental Consulting, Inc. - Jacksonville
 Address: 112 43rd Ave SW
 Vero Beach, FL 32968
 Email: phoffken@terra-comenv.com
 Phone: (772)217-8502
 Requested Due Date: _____ Fax: _____

Section B
 Required Project Information:
 Report To: Philip Hoffken
 Copy To: _____
 Purchase Order #: _____
 Project Name: Speedway # 6893
 Project #: 2020 0087

Section C
 Invoice Information:
 Attention: Pace Project Manager: todd.rea@pacelabs.com
 Company Name: _____
 Address: _____
 Pace Quote: _____
 Pace Profile #: 11442-3

Regulatory/Agency: _____
 State/Location: FL

Page: 1 Of 1

ITEM #	MATRIX Drinking Water Water Waste Water Product Soil/Solid Oil Wipe Air Other Tissue	CODE DW WT WW P SL OL WP AR OT TS	COLLECTED		SAMPLE TYPE (G=GRAB C=COMP)	MATRIX CODE (see valid codes to left)	PRESERVATIVES		ANALYSES TEST Y/N	Requested Analysis: Filtered (Y/N)	Residual Chlorine (Y/N)
			START DATE	END DATE			UNPRESERVED	H2SO4			
1	MWA G 01212021		12/14/2020		G		93213			X	
2	MWA O 01212021		1/26/21		G		93213			X	
3	MWA A 01212021		4/24/21		G		93213			X	
4											
5											
6											
7											
8											
9											
10											
11											
12											

ADDITIONAL COMMENTS: PACE TO 13/8506324

RELINQUISHED BY / AFFILIATION: DAVID CASBY
 DATE: 1/20/21
 TIME: 12:15

ACCEPTED BY / AFFILIATION: JAY PULLY
 DATE: 1-21-21
 TIME: 12:17

SAMPLE CONDITIONS

Received on: _____
 TEMP in C: _____
 Sealed: _____
 Cooled: _____
 Custody: _____
 Samples Intact (Y/N): _____

SAMPLER NAME AND SIGNATURE: DAVID CASBY
 PRINT Name of SAMPLER: DAVID CASBY
 SIGNATURE of SAMPLER: [Signature]

DATE Signed: 1/21/21

Appendix G: Soil Laboratory Report

January 20, 2021

Mr. Philip Hoffken
TERRA-COM Environmental Consulting, Inc.
112 43rd Ave SW
Vero Beach, FL 32968

RE: Project: Speedway 6893
Pace Project No.: 35604087

Dear Mr. Hoffken:

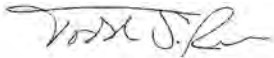
Enclosed are the analytical results for sample(s) received by the laboratory on January 13, 2021. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

The test results provided in this final report were generated by each of the following laboratories within the Pace Network:

- Pace Analytical Services - Ormond Beach

If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Todd Rea
todd.rea@pacelabs.com
(904) 903-7948
Project Manager

Enclosures

cc: Mr. Stuart D. Castle, P.G., TERRA-COM Environmental
Consulting, Inc.



REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

CERTIFICATIONS

Project: Speedway 6893

Pace Project No.: 35604087

Pace Analytical Services Ormond Beach

8 East Tower Circle, Ormond Beach, FL 32174

Alaska DEC- CS/UST/LUST

Alabama Certification #: 41320

Arizona Certification# AZ0819

Colorado Certification: FL NELAC Reciprocity

Connecticut Certification #: PH-0216

Delaware Certification: FL NELAC Reciprocity

Florida Certification #: E83079

Georgia Certification #: 955

Guam Certification: FL NELAC Reciprocity

Hawaii Certification: FL NELAC Reciprocity

Illinois Certification #: 200068

Indiana Certification: FL NELAC Reciprocity

Kansas Certification #: E-10383

Kentucky Certification #: 90050

Louisiana Certification #: FL NELAC Reciprocity

Louisiana Environmental Certificate #: 05007

Maryland Certification: #346

Michigan Certification #: 9911

Mississippi Certification: FL NELAC Reciprocity

Missouri Certification #: 236

Montana Certification #: Cert 0074

Nebraska Certification: NE-OS-28-14

New Hampshire Certification #: 2958

New Jersey Certification #: FL022

New York Certification #: 11608

North Carolina Environmental Certificate #: 667

North Carolina Certification #: 12710

North Dakota Certification #: R-216

Ohio DEP 87780

Oklahoma Certification #: D9947

Pennsylvania Certification #: 68-00547

Puerto Rico Certification #: FL01264

South Carolina Certification: #96042001

Tennessee Certification #: TN02974

Texas Certification: FL NELAC Reciprocity

US Virgin Islands Certification: FL NELAC Reciprocity

Virginia Environmental Certification #: 460165

West Virginia Certification #: 9962C

Wisconsin Certification #: 399079670

Wyoming (EPA Region 8): FL NELAC Reciprocity

REPORT OF LABORATORY ANALYSIS

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SAMPLE SUMMARY

Project: Speedway 6893

Pace Project No.: 35604087

Lab ID	Sample ID	Matrix	Date Collected	Date Received
35604087001	SB-20-01 (3-4)	Solid	01/12/21 14:15	01/13/21 10:48
35604087002	SB-20-02 (3-4)	Solid	01/12/21 14:25	01/13/21 10:48
35604087003	SB-20-03 (3-4)	Solid	01/12/21 14:32	01/13/21 10:48
35604087004	SB-20-04 (3-4)	Solid	01/12/21 14:40	01/13/21 10:48
35604087005	Pre Burn	Solid	01/12/21 14:46	01/13/21 10:48

REPORT OF LABORATORY ANALYSIS

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SAMPLE ANALYTE COUNT

Project: Speedway 6893

Pace Project No.: 35604087

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
35604087001	SB-20-01 (3-4)	EPA 6010	CS2	1	PASI-O
		ASTM D2974-87	AMS	1	PASI-O
35604087002	SB-20-02 (3-4)	EPA 6010	CS2	1	PASI-O
		ASTM D2974-87	AMS	1	PASI-O
35604087003	SB-20-03 (3-4)	EPA 6010	CS2	1	PASI-O
		ASTM D2974-87	AMS	1	PASI-O
35604087004	SB-20-04 (3-4)	EPA 6010	CS2	1	PASI-O
		ASTM D2974-87	AMS	1	PASI-O
35604087005	Pre Burn	EPA 6010	KPP	4	PASI-O
		ASTM D2974-87	AMS	1	PASI-O

PASI-O = Pace Analytical Services - Ormond Beach

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Speedway 6893

Pace Project No.: 35604087

Sample: SB-20-01 (3-4) **Lab ID: 35604087001** Collected: 01/12/21 14:15 Received: 01/13/21 10:48 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3050 Pace Analytical Services - Ormond Beach								
Arsenic	3.7	mg/kg	0.77	0.38	1	01/17/21 15:01	01/18/21 16:42	7440-38-2	
Percent Moisture	Analytical Method: ASTM D2974-87 Pace Analytical Services - Ormond Beach								
Percent Moisture	23.9	%	0.10	0.10	1		01/15/21 09:59		

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Speedway 6893

Pace Project No.: 35604087

Sample: SB-20-02 (3-4) **Lab ID: 35604087002** Collected: 01/12/21 14:25 Received: 01/13/21 10:48 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3050 Pace Analytical Services - Ormond Beach								
Arsenic	5.0	mg/kg	0.72	0.36	1	01/17/21 15:01	01/18/21 16:45	7440-38-2	
Percent Moisture	Analytical Method: ASTM D2974-87 Pace Analytical Services - Ormond Beach								
Percent Moisture	20.6	%	0.10	0.10	1		01/15/21 09:59		

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Speedway 6893

Pace Project No.: 35604087

Sample: SB-20-03 (3-4) **Lab ID: 35604087003** Collected: 01/12/21 14:32 Received: 01/13/21 10:48 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3050 Pace Analytical Services - Ormond Beach								
Arsenic	2.8	mg/kg	0.66	0.33	1	01/17/21 15:01	01/18/21 16:48	7440-38-2	
Percent Moisture	Analytical Method: ASTM D2974-87 Pace Analytical Services - Ormond Beach								
Percent Moisture	24.1	%	0.10	0.10	1		01/15/21 09:59		

REPORT OF LABORATORY ANALYSIS

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without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Speedway 6893

Pace Project No.: 35604087

Sample: SB-20-04 (3-4) **Lab ID: 35604087004** Collected: 01/12/21 14:40 Received: 01/13/21 10:48 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3050 Pace Analytical Services - Ormond Beach								
Arsenic	4.8	mg/kg	0.52	0.26	1	01/17/21 15:01	01/18/21 16:51	7440-38-2	
Percent Moisture	Analytical Method: ASTM D2974-87 Pace Analytical Services - Ormond Beach								
Percent Moisture	17.3	%	0.10	0.10	1		01/15/21 09:59		

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Speedway 6893

Pace Project No.: 35604087

Sample: Pre Burn **Lab ID: 35604087005** Collected: 01/12/21 14:46 Received: 01/13/21 10:48 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Pace Analytical Services - Ormond Beach									
Arsenic	2.2	mg/kg	0.67	0.33	1	01/14/21 05:31	01/14/21 18:04	7440-38-2	
Cadmium	0.033 U	mg/kg	0.067	0.033	1	01/14/21 05:31	01/14/21 18:04	7440-43-9	
Chromium	4.0	mg/kg	0.33	0.17	1	01/14/21 05:31	01/14/21 18:04	7440-47-3	
Lead	6.4	mg/kg	0.67	0.33	1	01/14/21 05:31	01/14/21 18:04	7439-92-1	
Percent Moisture									
Analytical Method: ASTM D2974-87									
Pace Analytical Services - Ormond Beach									
Percent Moisture	16.7	%	0.10	0.10	1		01/15/21 10:00		

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: Speedway 6893
Pace Project No.: 35604087

QC Batch: 696475	Analysis Method: EPA 6010
QC Batch Method: EPA 3050	Analysis Description: 6010 MET Solid
	Laboratory: Pace Analytical Services - Ormond Beach

Associated Lab Samples: 35604087005

METHOD BLANK: 3791678 Matrix: Solid
Associated Lab Samples: 35604087005

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Arsenic	mg/kg	0.30 U	0.60	0.30	01/14/21 16:42	
Cadmium	mg/kg	0.030 U	0.060	0.030	01/14/21 16:42	
Chromium	mg/kg	0.15 U	0.30	0.15	01/14/21 16:42	
Lead	mg/kg	0.30 U	0.60	0.30	01/14/21 16:42	

LABORATORY CONTROL SAMPLE: 3791679

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Arsenic	mg/kg	15	13.9	92	80-120	
Cadmium	mg/kg	1.5	1.5	99	80-120	
Chromium	mg/kg	15	15.1	100	80-120	
Lead	mg/kg	15	15.0	100	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3791680 3791681

Parameter	Units	35602705001		3791680		3791681		% Rec Limits	Max RPD	Qual	
		MS Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec				MSD % Rec
Arsenic	mg/kg	1.2 U	12.2	10.6	8.9	8.4	73	80	6	20	J(M1)
Cadmium	mg/kg	0.12 U	1.2	1.1	1.1	0.97	89	92	11	20	
Chromium	mg/kg	3360	12.2	10.6	6120	4770	22600	13200	25	20	J(M1), J(R1), L
Lead	mg/kg	1.2 U	12.2	10.6	11.1	10	90	93	11	20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: Speedway 6893
Pace Project No.: 35604087

QC Batch: 697384	Analysis Method: EPA 6010
QC Batch Method: EPA 3050	Analysis Description: 6010 MET Solid
	Laboratory: Pace Analytical Services - Ormond Beach

Associated Lab Samples: 35604087001, 35604087002, 35604087003, 35604087004

METHOD BLANK: 3797065 Matrix: Solid
Associated Lab Samples: 35604087001, 35604087002, 35604087003, 35604087004

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Arsenic	mg/kg	0.22 U	0.44	0.22	01/18/21 16:17	

LABORATORY CONTROL SAMPLE: 3797066

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Arsenic	mg/kg	12.4	12.4	100	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3797067 3797068

Parameter	Units	35604050030		3797067		3797068		% Rec Limits	RPD	Max RPD	Qual
		MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec				
Arsenic	mg/kg	4.2	18.5	20.6	24.7	25.7	88	87	75-125	22	20 J(R1)

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: Speedway 6893

Pace Project No.: 35604087

QC Batch:	696962	Analysis Method:	ASTM D2974-87
QC Batch Method:	ASTM D2974-87	Analysis Description:	Dry Weight/Percent Moisture
		Laboratory:	Pace Analytical Services - Ormond Beach

Associated Lab Samples: 35604087001, 35604087002, 35604087003, 35604087004, 35604087005

SAMPLE DUPLICATE: 3794428

Parameter	Units	35604050015 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	20.6	19.2	7	10	

SAMPLE DUPLICATE: 3794429

Parameter	Units	35604050024 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	9.1	8.6	6	10	

SAMPLE DUPLICATE: 3794430

Parameter	Units	35604050033 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	18.9	20.6	9	10	

SAMPLE DUPLICATE: 3794431

Parameter	Units	35604087003 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	24.1	22.6	7	10	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

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QUALIFIERS

Project: Speedway 6893

Pace Project No.: 35604087

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit - The lowest concentration value that meets project requirements for quantitative data with known precision and bias for a specific analyte in a specific matrix.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

- | | |
|-------|--|
| U | Compound was analyzed for but not detected. |
| J(M1) | Estimated Value. Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery. |
| J(R1) | Estimated Value. RPD value was outside control limits. |
| L | Off-scale high. Actual value is known to be greater than value given. |

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

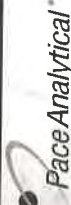
Project: Speedway 6893

Pace Project No.: 35604087

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
35604087001	SB-20-01 (3-4)	EPA 3050	697384	EPA 6010	697398
35604087002	SB-20-02 (3-4)	EPA 3050	697384	EPA 6010	697398
35604087003	SB-20-03 (3-4)	EPA 3050	697384	EPA 6010	697398
35604087004	SB-20-04 (3-4)	EPA 3050	697384	EPA 6010	697398
35604087005	Pre Burn	EPA 3050	696475	EPA 6010	696551
35604087001	SB-20-01 (3-4)	ASTM D2974-87	696962		
35604087002	SB-20-02 (3-4)	ASTM D2974-87	696962		
35604087003	SB-20-03 (3-4)	ASTM D2974-87	696962		
35604087004	SB-20-04 (3-4)	ASTM D2974-87	696962		
35604087005	Pre Burn	ASTM D2974-87	696962		

REPORT OF LABORATORY ANALYSIS

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CHAIN-OF-CUSTODY

Chain-of-Custody is a LEAD

WO# : 35604087



35604087

Company: **TERRA-CON ENV. CON**

Address: **112 43RD AVE SW**

Report To: **PHIL HOFFKEN**

Copy To:

Customer Project Name/Number: **2020-0087**

Phone: **772-321-8725**

Email: **772-321-8725**

Collected By (print): **AL GAWY, HIS**

Collected By (signature): *[Signature]*

Turnaround Date Required:

Rush: Same Day Next Day

2 Day 3 Day 4 Day 5 Day

(Expedite Charges Apply)

Sample Disposal: Dispose as appropriate Return

Archive: _____

Hold: _____

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Wastewater (WW), Product (P), Soil/Solid (SL), Oil (OL), Wipe (WP), Air (AR), Tissue (TS), Bioassay (B), Vapor (V), Other (OT)

Customer Sample ID

Matrix *

Comp / Grab

Collected (or Composite Start) Date

Time

Composite End Date

Time

Res Cl

None

Wet Blue DRY

None

Packing Material Used:

Type of Ice Used:

Wet Blue DRY None

Customer Remarks / Special Conditions / Possible Hazards:

Relinquished by/Company: (Signature)

Date/Time: **1/13/20 @ 10:16**

Received by/Company: (Signature)

KMF/Pace

Relinquished by/Company: (Signature)

Date/Time:

Received by/Company: (Signature)

Date/Time:

Relinquished by/Company: (Signature)

Date/Time:

Received by/Company: (Signature)

Date/Time:

Site Collection Info/Address: **1508 29TH ST MIAMI**

State: **FL** County/City: **MIAMI** Time Zone Collected: **PJT**

Compliance Monitoring? Yes No

DW PWS ID #: **157850624**

DW Location Code: **6893**

Immediately Packed on Ice: Yes No

Field Filtered (if applicable): Yes No

Analysis: _____

Customer Sample ID

Matrix *

Comp / Grab

Collected (or Composite Start) Date

Time

Composite End Date

Time

Res Cl

None

Wet Blue DRY

None

Packing Material Used:

Type of Ice Used:

Wet Blue DRY None

Customer Remarks / Special Conditions / Possible Hazards:

Relinquished by/Company: (Signature)

Date/Time: **1/13/20 @ 10:16**

Received by/Company: (Signature)

KMF/Pace

Relinquished by/Company: (Signature)

Date/Time:

Received by/Company: (Signature)

Date/Time:

Relinquished by/Company: (Signature)

Date/Time:

Received by/Company: (Signature)

Date/Time:

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Relinquished by/Company: (Signature)

Date/Time:

Received by/Company: (Signature)

Date/Time:

Relinquished by/Company: (Signature)

Date/Time:

Received by/Company: (Signature)

LAB USE ONLY- Affix Workorder/Login Label Here or List Pace Workorder Number or

MTIL Log-in Number Here

ALL SHADED AREAS are for LAB USE ONLY

Container Preservative Type **

Lab Project Manager:

** Preservative Types: (1) nitric acid, (2) sulfuric acid, (3) hydrochloric acid, (4) sodium hydroxide, (5) zinc acetate, (6) methanol, (7) sodium bisulfate, (8) sodium thiosulfate, (9) hexane, (A) ascorbic acid, (B) ammonium sulfate, (C) ammonium hydroxide, (D) TSP, (U) Unpreserved, (O) Other

Analyses

Lab Profile/Line:

Lab Sample Receipt Checklist:

Custody Seals Present/Intact Y N NA

Custody Signatures Present Y N NA

Collector Signatures Present Y N NA

Bottles Intact Y N NA

Correct Bottles Y N NA

Sufficient Volume Y N NA

Samples Received on Ice Y N NA

VOA - Headspace Acceptable Y N NA

USDA Regulated Soils Y N NA

Samples in Holding Time Y N NA

Residual Chlorine Present Y N NA

Cl Strips: Y N NA

Sample pH Acceptable Y N NA

pH Strips: Y N NA

Sulfide Present Y N NA

Lead Acetate Strips: Y N NA

LAB USE ONLY:

Lab Sample # / Comments:

SHORT HOLDS PRESENT (<72 hours): Y N N/A

Lab Tracking #: **2465148**

Temp Blank Received: Y N NA

Therm ID#: _____ oC

Cooler 1 Temp Upon Receipt: _____ oC

Cooler 1 Therm Corr. Factor: _____ oC

Cooler 1 Corrected Temp: _____ oC

Comments:

Trip Blank Received: Y N NA

HCL MeOH TSP Other

Non Conformance(s): YES / NO

Page: _____ of _____

Page: _____ of _____



Document Name:
Sample Condition Upon Receipt Form
Document No.:
F-FL-C-007 rev. 13

Document Revised:
May 30, 2018
Issuing Authority:
Pace Florida Quality Office

WO#: 35604087

m (SCUR)

Project **PM: TSR** Due Date: **01/20/21**
Project Manager **CLIENT: TERCOM**
Client

Date and Initials of person:
Examining contents:
Label: _____
Deliver: _____
pH: _____

Thermometer Used: T-337 Date: 1/13/21 Time: 1047 Initials: KMF

State of Origin: _____ For WY projects, all containers verified to ≤ 6 °C

Cooler #1 Temp. °C 2.5 (Visual) 0.0 (Correction Factor) 2.5 (Actual)
Cooler #2 Temp. °C _____ (Visual) _____ (Correction Factor) _____ (Actual)
Cooler #3 Temp. °C _____ (Visual) _____ (Correction Factor) _____ (Actual)
Cooler #4 Temp. °C _____ (Visual) _____ (Correction Factor) _____ (Actual)
Cooler #5 Temp. °C _____ (Visual) _____ (Correction Factor) _____ (Actual)
Cooler #6 Temp. °C _____ (Visual) _____ (Correction Factor) _____ (Actual)

Samples on ice, cooling process has begun
 Samples on ice, cooling process has begun
 Samples on ice, cooling process has begun
 Samples on ice, cooling process has begun
 Samples on ice, cooling process has begun
 Samples on ice, cooling process has begun

Courier: Fed Ex UPS USPS Client Commercial Pace Other _____

Shipping Method: First Overnight Priority Overnight Standard Overnight Ground International Priority
 Other _____

Billing: Recipient Sender Third Party Credit Card Unknown

Tracking # _____

Custody Seal on Cooler/Box Present: Yes No Seals intact: Yes No Ice: Wet Blue Dry None

Packing Material: Bubble Wrap Bubble Bags None Other _____

Samples shorted to lab (If Yes, complete) Shorted Date: _____ Shorted Time: _____ Qty: _____

Comments:

Chain of Custody Present	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	Preservation Information: Preservative: _____ Lot #/Trace #: _____ Date: _____ Time: _____ Initials: _____
Chain of Custody Filled Out	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Relinquished Signature & Sampler Name COC	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Samples Arrived within Hold Time	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Rush TAT requested on COC	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	
Sufficient Volume	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Correct Containers Used	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Containers Intact	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Sample Labels match COC (sample IDs & date/time of collection)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
All containers needing acid/base preservation have been checked.	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
All Containers needing preservation are found to be in compliance with EPA recommendation: Exceptions: VOA, Coliform, TOC, O&G, Carbamates	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
Headspace in VOA Vials? (>6mm):	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
Trip Blank Present:	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	

Client Notification/ Resolution:
Person Contacted: _____ Date/Time: _____

Comments/ Resolution (use back for additional comments):

Project Manager Review: _____ Date: _____

March 10, 2021

Mr. Philip Hoffken
TERRA-COM Environmental Consulting, Inc.
112 43rd Ave SW
Vero Beach, FL 32968

RE: Project: Speedway #6893
Pace Project No.: 35616669

Dear Mr. Hoffken:

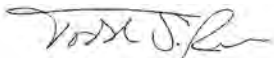
Enclosed are the analytical results for sample(s) received by the laboratory on March 04, 2021. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

The test results provided in this final report were generated by each of the following laboratories within the Pace Network:

- Pace Analytical Services - Ormond Beach

If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Todd Rea
todd.rea@pacelabs.com
(904) 903-7948
Project Manager

Enclosures

cc: Mr. Stuart D. Castle, P.G., TERRA-COM Environmental Consulting, Inc.



REPORT OF LABORATORY ANALYSIS

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CERTIFICATIONS

Project: Speedway #6893

Pace Project No.: 35616669

Pace Analytical Services Ormond Beach

8 East Tower Circle, Ormond Beach, FL 32174

Alaska DEC- CS/UST/LUST

Alabama Certification #: 41320

Arizona Certification# AZ0819

Colorado Certification: FL NELAC Reciprocity

Connecticut Certification #: PH-0216

Delaware Certification: FL NELAC Reciprocity

Florida Certification #: E83079

Georgia Certification #: 955

Guam Certification: FL NELAC Reciprocity

Hawaii Certification: FL NELAC Reciprocity

Illinois Certification #: 200068

Indiana Certification: FL NELAC Reciprocity

Kansas Certification #: E-10383

Kentucky Certification #: 90050

Louisiana Certification #: FL NELAC Reciprocity

Louisiana Environmental Certificate #: 05007

Maryland Certification: #346

Michigan Certification #: 9911

Mississippi Certification: FL NELAC Reciprocity

Missouri Certification #: 236

Montana Certification #: Cert 0074

Nebraska Certification: NE-OS-28-14

New Hampshire Certification #: 2958

New Jersey Certification #: FL022

New York Certification #: 11608

North Carolina Environmental Certificate #: 667

North Carolina Certification #: 12710

North Dakota Certification #: R-216

Ohio DEP 87780

Oklahoma Certification #: D9947

Pennsylvania Certification #: 68-00547

Puerto Rico Certification #: FL01264

South Carolina Certification: #96042001

Tennessee Certification #: TN02974

Texas Certification: FL NELAC Reciprocity

US Virgin Islands Certification: FL NELAC Reciprocity

Virginia Environmental Certification #: 460165

West Virginia Certification #: 9962C

Wisconsin Certification #: 399079670

Wyoming (EPA Region 8): FL NELAC Reciprocity

REPORT OF LABORATORY ANALYSIS

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SAMPLE SUMMARY

Project: Speedway #6893

Pace Project No.: 35616669

Lab ID	Sample ID	Matrix	Date Collected	Date Received
35616669001	SB-21-01 (2')	Solid	03/04/21 11:25	03/04/21 13:33
35616669002	SB-21-02 (2')	Solid	03/04/21 11:50	03/04/21 13:33
35616669003	SB-21-03 (2')	Solid	03/04/21 11:58	03/04/21 13:33
35616669004	SB-21-04 (2')	Solid	03/04/21 12:12	03/04/21 13:33
35616669005	SB-21-05 (2')	Solid	03/04/21 12:45	03/04/21 13:33

REPORT OF LABORATORY ANALYSIS

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SAMPLE ANALYTE COUNT

Project: Speedway #6893

Pace Project No.: 35616669

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
35616669001	SB-21-01 (2')	EPA 6010	CS3	1	PASI-O
		ASTM D2974-87	AS3	1	PASI-O
35616669002	SB-21-02 (2')	EPA 6010	CS3	1	PASI-O
		ASTM D2974-87	AS3	1	PASI-O
35616669003	SB-21-03 (2')	EPA 6010	CS3	1	PASI-O
		ASTM D2974-87	AS3	1	PASI-O
35616669004	SB-21-04 (2')	EPA 6010	CS3	1	PASI-O
		ASTM D2974-87	AS3	1	PASI-O
35616669005	SB-21-05 (2')	EPA 6010	CS3	1	PASI-O
		ASTM D2974-87	AS3	1	PASI-O

PASI-O = Pace Analytical Services - Ormond Beach

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Speedway #6893

Pace Project No.: 35616669

Sample: SB-21-01 (2') **Lab ID: 35616669001** Collected: 03/04/21 11:25 Received: 03/04/21 13:33 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3050 Pace Analytical Services - Ormond Beach								
Arsenic	8.6	mg/kg	0.61	0.31	1	03/09/21 02:34	03/09/21 13:44	7440-38-2	
Percent Moisture	Analytical Method: ASTM D2974-87 Pace Analytical Services - Ormond Beach								
Percent Moisture	14.1	%	0.10	0.10	1		03/10/21 09:42		

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Speedway #6893

Pace Project No.: 35616669

Sample: SB-21-02 (2') **Lab ID: 35616669002** Collected: 03/04/21 11:50 Received: 03/04/21 13:33 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3050 Pace Analytical Services - Ormond Beach								
Arsenic	6.2	mg/kg	0.64	0.32	1	03/09/21 02:34	03/09/21 13:58	7440-38-2	
Percent Moisture	Analytical Method: ASTM D2974-87 Pace Analytical Services - Ormond Beach								
Percent Moisture	18.0	%	0.10	0.10	1		03/10/21 09:42		

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Speedway #6893

Pace Project No.: 35616669

Sample: SB-21-03 (2') **Lab ID: 35616669003** Collected: 03/04/21 11:58 Received: 03/04/21 13:33 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3050 Pace Analytical Services - Ormond Beach								
Arsenic	6.4	mg/kg	0.57	0.28	1	03/09/21 02:34	03/09/21 14:01	7440-38-2	
Percent Moisture	Analytical Method: ASTM D2974-87 Pace Analytical Services - Ormond Beach								
Percent Moisture	10.0	%	0.10	0.10	1		03/10/21 09:42		

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Speedway #6893

Pace Project No.: 35616669

Sample: SB-21-04 (2') **Lab ID: 35616669004** Collected: 03/04/21 12:12 Received: 03/04/21 13:33 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3050 Pace Analytical Services - Ormond Beach								
Arsenic	4.8	mg/kg	0.56	0.28	1	03/09/21 02:34	03/09/21 14:04	7440-38-2	
Percent Moisture	Analytical Method: ASTM D2974-87 Pace Analytical Services - Ormond Beach								
Percent Moisture	9.2	%	0.10	0.10	1		03/10/21 09:42		

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Speedway #6893

Pace Project No.: 35616669

Sample: SB-21-05 (2') **Lab ID: 35616669005** Collected: 03/04/21 12:45 Received: 03/04/21 13:33 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3050 Pace Analytical Services - Ormond Beach								
Arsenic	6.2	mg/kg	0.58	0.29	1	03/09/21 02:34	03/09/21 14:08	7440-38-2	
Percent Moisture	Analytical Method: ASTM D2974-87 Pace Analytical Services - Ormond Beach								
Percent Moisture	12.3	%	0.10	0.10	1		03/10/21 09:42		

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: Speedway #6893

Pace Project No.: 35616669

QC Batch:	711125	Analysis Method:	EPA 6010
QC Batch Method:	EPA 3050	Analysis Description:	6010 MET Solid
		Laboratory:	Pace Analytical Services - Ormond Beach

Associated Lab Samples: 35616669001, 35616669002, 35616669003, 35616669004, 35616669005

METHOD BLANK: 3875844 Matrix: Solid
Associated Lab Samples: 35616669001, 35616669002, 35616669003, 35616669004, 35616669005

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Arsenic	mg/kg	0.29 U	0.58	0.29	03/09/21 13:37	

LABORATORY CONTROL SAMPLE: 3875845

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Arsenic	mg/kg	15.2	15.3	100	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3875846 3875847

Parameter	Units	3875846		3875847		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result						
Arsenic	mg/kg	8.6	15	21.7	22.2	88	91	75-125	2	20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: Speedway #6893

Pace Project No.: 35616669

QC Batch:	710918	Analysis Method:	ASTM D2974-87
QC Batch Method:	ASTM D2974-87	Analysis Description:	Dry Weight/Percent Moisture
		Laboratory:	Pace Analytical Services - Ormond Beach

Associated Lab Samples: 35616669001, 35616669002, 35616669003, 35616669004, 35616669005

SAMPLE DUPLICATE: 3874826

Parameter	Units	35613018030 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	26.4	25.5	3	10	

SAMPLE DUPLICATE: 3874827

Parameter	Units	35616643012 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	4.5	4.5	0	10	

SAMPLE DUPLICATE: 3874828

Parameter	Units	35616655003 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	7.8	7.4	5	10	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

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QUALIFIERS

Project: Speedway #6893

Pace Project No.: 35616669

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit - The lowest concentration value that meets project requirements for quantitative data with known precision and bias for a specific analyte in a specific matrix.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

U Compound was analyzed for but not detected.

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Speedway #6893

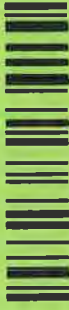
Pace Project No.: 35616669

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
35616669001	SB-21-01 (2')	EPA 3050	711125	EPA 6010	711142
35616669002	SB-21-02 (2')	EPA 3050	711125	EPA 6010	711142
35616669003	SB-21-03 (2')	EPA 3050	711125	EPA 6010	711142
35616669004	SB-21-04 (2')	EPA 3050	711125	EPA 6010	711142
35616669005	SB-21-05 (2')	EPA 3050	711125	EPA 6010	711142
35616669001	SB-21-01 (2')	ASTM D2974-87	710918		
35616669002	SB-21-02 (2')	ASTM D2974-87	710918		
35616669003	SB-21-03 (2')	ASTM D2974-87	710918		
35616669004	SB-21-04 (2')	ASTM D2974-87	710918		
35616669005	SB-21-05 (2')	ASTM D2974-87	710918		

REPORT OF LABORATORY ANALYSIS

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WO#: 35616669



CHA The Ch

Document completed accurately.

35616669

Page: 1 Of 1



Section A

Section B

Required Client Information:
 Company: TERRA-COM Environmental Consulting, Inc. - Jack Report To: Phillip Hoffman
 Address: 112 43rd Ave SW
 Vero Beach, FL 32968
 Email: phoffken@terra-comenv.com
 Phone: (772) 217-8502 Fax: [blank]
 Requested Due Date: [blank]

Required Project Information:
 Invoice Information:
 Attention: [blank]
 Company Name: [blank]
 Address: [blank]
 Pace Quote: [blank]
 Pace Project Manager: todd.rea@pace-labs.com
 Pace Profile #: 11442

Regulatory Agency: [blank]
State / Location: FL

ITEM #	MATRIX	CODE	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED		SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	PRESERVATIVES						Analyses Test Y/N	Residual Chlorine (Y/N)
					START DATE	END TIME			Unpreserved	H2SO4	HNO3	HCl	NaOH	Na2S2O3		
1	Drinking Water	DW	SB-21-01 (2)	G	3/4/11	1:25		()							X	
2	Water	WT	SB-21-02 (2)	G		1:50		()							X	
3	Waste Water	WW	SB-21-03 (2)	G		1:58		()							X	
4	Product	P	SB-21-04 (2)	G		1:22		()							X	
5	Soil/Solid	SL	SB-21-05 (2)	G		1:45		()							X	
6	Oil	OL						()								
7	Wipe	WP						()								
8	Air	AR						()								
9	Other	OT						()								
10	Tissue	TS						()								

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
1508 29TH ST ST PUH NORTH BAY VILLAGE	Phillip Hoffman TERRA-COM	3/4/11	1:33	W. Pace Pace Labs	3/4/11	1:33	Y NY

TEMP in C [blank]

Received on [blank]

Ice (Y/N) [blank]

Sealed (Y/N) [blank]

Cooler (Y/N) [blank]

Samples Intact (Y/N) [blank]

SAMPLER NAME AND SIGNATURE
 PRINT Name of SAMPLER: Phillip Hoffman Jr
 SIGNATURE of SAMPLER: [Signature]
 DATE Signed: 3/4/11



Document Name:
Sample Condition Upon Receipt Form
Document No.:
F-FL-C-007 rev. 13

Document Revised:
May 30, 2018
Issuing Authority:
Pace Florida Quality Office

WO#: 35616669 (SCUR)

Project #
Project Manager
Client:

PM: TSR Due Date: 03/11/21
CLIENT: TERCOM

Date and Initials of person:
Examining contents: CSA
Label: _____
Deliver: _____
pH: _____

Thermometer Used: T337 Date: 3/15/21 Time: 0016 Initials: CSA

State of Origin: _____ For WV projects, all containers verified to ± 6 °C

- Cooler #1 Temp. °C 3.1 (Visual) +0.1 (Correction Factor) 3.2 (Actual) Samples on ice, cooling process has begun
- Cooler #2 Temp. °C _____ (Visual) _____ (Correction Factor) _____ (Actual) Samples on ice, cooling process has begun
- Cooler #3 Temp. °C _____ (Visual) _____ (Correction Factor) _____ (Actual) Samples on ice, cooling process has begun
- Cooler #4 Temp. °C _____ (Visual) _____ (Correction Factor) _____ (Actual) Samples on ice, cooling process has begun
- Cooler #5 Temp. °C _____ (Visual) _____ (Correction Factor) _____ (Actual) Samples on ice, cooling process has begun
- Cooler #6 Temp. °C _____ (Visual) _____ (Correction Factor) _____ (Actual) Samples on ice, cooling process has begun

Courier: Fed Ex UPS USPS Client Commercial Pace Other _____

Shipping Method: First Overnight Priority Overnight Standard Overnight Ground International Priority
 Other _____

Billing: Recipient Sender Third Party Credit Card Unknown

Tracking # _____

Custody Seal on Cooler/Box Present: Yes No Seals intact: Yes No Ice: Wet Blue Dry None

Packing Material: Bubble Wrap Bubble Bags None Other _____

Samples shorted to lab (If Yes, complete) Shorted Date: _____ Shorted Time: _____ Qty: _____

Comments:

Chain of Custody Present	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Chain of Custody Filled Out	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Relinquished Signature & Sampler Name COC	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Samples Arrived within Hold Time	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Rush TAT requested on COC	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	
Sufficient Volume	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Correct Containers Used	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Containers Intact	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Sample Labels match COC (sample IDs & date/time of collection)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
All containers needing acid/base preservation have been checked.	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	Preservation Information: Preservative: _____ Lot #/Trace #: _____ Date: _____ Time: _____ Initials: _____
All Containers needing preservation are found to be in compliance with EPA recommendation: Exceptions: VOA, Coliform, TOC, O&G, Carbamates	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
Headspace in VOA Vials? (>6mm):	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
Trip Blank Present:	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	

Client Notification/ Resolution:
Person Contacted: _____ Date/Time: _____

Comments/ Resolution (use back for additional comments): _____

Project Manager Review: _____ Date: _____



Document Name:
Sample Condition Upon Receipt Form
Document No.:
E-FL-Q-007 rev. 12

Document Revised:
May 30, 2018
Issuing Authority:
Pace Florida Quality Office

WO#: 35616669

(SCUR)

Project #
Project Manager:
Client:

PM: TSR Due Date: 03/11/21
CLIENT: TERCOM

Date and Initials of person:
Examining contents: EM
Label: _____
Deliver: _____
pH: _____

Thermometer Used: T343 Date: 3/14/21 Time: 1333 Initials: EM

State of Origin: _____ For WV projects, all containers verified to $\leq 6^\circ\text{C}$

Cooler #1 Temp. °C 1.3 (Visual) 0.1 (Correction Factor) 1.4 (Actual) Samples on Ice, cooling process has begun
Cooler #2 Temp. °C _____ (Visual) _____ (Correction Factor) _____ (Actual) Samples on Ice, cooling process has begun
Cooler #3 Temp. °C _____ (Visual) _____ (Correction Factor) _____ (Actual) Samples on Ice, cooling process has begun
Cooler #4 Temp. °C _____ (Visual) _____ (Correction Factor) _____ (Actual) Samples on Ice, cooling process has begun
Cooler #5 Temp. °C _____ (Visual) _____ (Correction Factor) _____ (Actual) Samples on Ice, cooling process has begun
Cooler #6 Temp. °C _____ (Visual) _____ (Correction Factor) _____ (Actual) Samples on Ice, cooling process has begun

Courier: Fed Ex UPS USPS Client Commercial Pace Other _____
Shipping Method: First Overnight Priority Overnight Standard Overnight Ground International Priority
 Other _____
Billing: Recipient Sender Third Party Credit Card Unknown

Tracking # _____
Custody Seal on Cooler/Box Present: Yes No Seals Intact: Yes No Ice: Wet Blue Dry None
Packing Material: Bubble Wrap Bubble Bags None Other _____
Samples shorted to lab (If Yes, complete) Shorted Date: _____ Shorted Time: _____ Qty: _____

		Comments:
Chain of Custody Present	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Chain of Custody Filled Out	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Relinquished Signature & Sampler Name COC	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Samples Arrived within Hold Time	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Rush TAT requested on COC	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	
Sufficient Volume	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	
Correct Containers Used	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Containers Intact	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Sample Labels match COC (sample IDs & date/time of collection)	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
All containers needing acid/base preservation have been checked.	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	Preservation Information: Preservative: _____ Lot #/Trace #: _____ Date: _____ Time: _____ Initials: _____
All Containers needing preservation are found to be in compliance with EPA recommendation: Exceptions: VOA, Coliform, TOC, O&G, Carbamates	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Headspace in VOA Vials? (>6mm):	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Trip Blank Present:	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	

Client Notification/ Resolution:
Person Contacted: _____ Date/Time: _____

Comments/ Resolution (use back for additional comments):

Project Manager Review: _____ Date: _____

Appendix H: Groundwater Laboratory Report

January 27, 2021

Mr. Philip Hoffken
TERRA-COM Environmental Consulting, Inc.
112 43rd Ave SW
Vero Beach, FL 32968

RE: Project: Speedway # 6893
Pace Project No.: 35606411

Dear Mr. Hoffken:

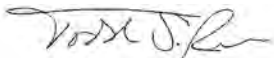
Enclosed are the analytical results for sample(s) received by the laboratory on January 21, 2021. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

The test results provided in this final report were generated by each of the following laboratories within the Pace Network:

- Pace Analytical Services - Ormond Beach

If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Todd Rea
todd.rea@pacelabs.com
(904) 903-7948
Project Manager

Enclosures

cc: Mr. Stuart D. Castle, P.G., TERRA-COM Environmental Consulting, Inc.



REPORT OF LABORATORY ANALYSIS

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CERTIFICATIONS

Project: Speedway # 6893

Pace Project No.: 35606411

Pace Analytical Services Ormond Beach

8 East Tower Circle, Ormond Beach, FL 32174

Alaska DEC- CS/UST/LUST

Alabama Certification #: 41320

Arizona Certification# AZ0819

Colorado Certification: FL NELAC Reciprocity

Connecticut Certification #: PH-0216

Delaware Certification: FL NELAC Reciprocity

Florida Certification #: E83079

Georgia Certification #: 955

Guam Certification: FL NELAC Reciprocity

Hawaii Certification: FL NELAC Reciprocity

Illinois Certification #: 200068

Indiana Certification: FL NELAC Reciprocity

Kansas Certification #: E-10383

Kentucky Certification #: 90050

Louisiana Certification #: FL NELAC Reciprocity

Louisiana Environmental Certificate #: 05007

Maryland Certification: #346

Michigan Certification #: 9911

Mississippi Certification: FL NELAC Reciprocity

Missouri Certification #: 236

Montana Certification #: Cert 0074

Nebraska Certification: NE-OS-28-14

New Hampshire Certification #: 2958

New Jersey Certification #: FL022

New York Certification #: 11608

North Carolina Environmental Certificate #: 667

North Carolina Certification #: 12710

North Dakota Certification #: R-216

Ohio DEP 87780

Oklahoma Certification #: D9947

Pennsylvania Certification #: 68-00547

Puerto Rico Certification #: FL01264

South Carolina Certification: #96042001

Tennessee Certification #: TN02974

Texas Certification: FL NELAC Reciprocity

US Virgin Islands Certification: FL NELAC Reciprocity

Virginia Environmental Certification #: 460165

West Virginia Certification #: 9962C

Wisconsin Certification #: 399079670

Wyoming (EPA Region 8): FL NELAC Reciprocity

REPORT OF LABORATORY ANALYSIS

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SAMPLE SUMMARY

Project: Speedway # 6893

Pace Project No.: 35606411

Lab ID	Sample ID	Matrix	Date Collected	Date Received
35606411001	DW1 01202021	Water	01/20/21 10:28	01/21/21 12:17
35606411002	MWD 0120202021	Water	01/20/21 10:50	01/21/21 12:17
35606411003	MWB 01202021	Water	01/20/21 10:57	01/21/21 12:17
35606411004	MWN 01202021	Water	01/20/21 11:30	01/21/21 12:17
35606411005	MWO 01202021	Water	01/20/21 11:31	01/21/21 12:17
35606411006	CW7 01202021	Water	01/20/21 12:05	01/21/21 12:17
35606411007	MWF 01202021	Water	01/20/21 12:39	01/21/21 12:17
35606411008	CW12 01202021	Water	01/20/21 12:48	01/21/21 12:17
35606411009	MWK 01202021	Water	01/20/21 13:26	01/21/21 12:17
35606411010	MWE 01202021	Water	01/20/21 13:22	01/21/21 12:17
35606411011	MWM 01202021	Water	01/20/21 14:05	01/21/21 12:17
35606411012	CW5 01202021	Water	01/20/21 14:16	01/21/21 12:17

REPORT OF LABORATORY ANALYSIS

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SAMPLE ANALYTE COUNT

Project: Speedway # 6893

Pace Project No.: 35606411

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
35606411001	DW1 01202021	EPA 8011	TSW	1	PASI-O
		EPA 6010	KPP	1	PASI-O
		EPA 8260	CLT	56	PASI-O
35606411002	MWD 0120202021	EPA 8011	TSW	1	PASI-O
		FL-PRO	TCB	3	PASI-O
		EPA 6010	KPP	1	PASI-O
		EPA 8270 by SIM	RJR	20	PASI-O
35606411003	MWB 01202021	EPA 8260	CLT	56	PASI-O
		EPA 8011	TSW	1	PASI-O
		FL-PRO	TCB	3	PASI-O
35606411004	MWN 01202021	EPA 6010	KPP	1	PASI-O
		EPA 8270 by SIM	RJR	20	PASI-O
		EPA 8260	CLT	56	PASI-O
		EPA 8011	TSW	1	PASI-O
35606411005	MWO 01202021	FL-PRO	TCB	3	PASI-O
		EPA 6010	KPP	1	PASI-O
		EPA 8270 by SIM	RJR	20	PASI-O
		EPA 8260	CLT	56	PASI-O
35606411006	CW7 01202021	EPA 8011	TSW	1	PASI-O
		FL-PRO	TCB	3	PASI-O
		EPA 6010	KPP	1	PASI-O
		EPA 8270 by SIM	RJR	20	PASI-O
35606411007	MWF 01202021	EPA 8260	AST, CLT	56	PASI-O
		EPA 8011	TSW	1	PASI-O
		FL-PRO	TCB	3	PASI-O
		EPA 6010	KPP	1	PASI-O
35606411008	CW12 01202021	EPA 8270 by SIM	RJR	20	PASI-O
		EPA 8260	AST	56	PASI-O
		EPA 8011	TSW	1	PASI-O
		EPA 6010	KPP	1	PASI-O
35606411009	MWK 01202021	EPA 8260	AST	56	PASI-O
		EPA 8011	TSW	1	PASI-O

REPORT OF LABORATORY ANALYSIS

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SAMPLE ANALYTE COUNT

Project: Speedway # 6893

Pace Project No.: 35606411

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
35606411010	MWE 01202021	FL-PRO	EAO	3	PASI-O
		EPA 6010	KPP	1	PASI-O
		EPA 8270 by SIM	RJR	20	PASI-O
		EPA 8260	AST	56	PASI-O
		EPA 8011	TSW	1	PASI-O
		FL-PRO	TCB	3	PASI-O
		EPA 6010	KPP	1	PASI-O
35606411011	MWM 01202021	EPA 8270 by SIM	RJR	20	PASI-O
		EPA 8260	AST	56	PASI-O
		EPA 8011	TSW	1	PASI-O
		FL-PRO	TCB	3	PASI-O
		EPA 6010	KPP	1	PASI-O
		EPA 8270 by SIM	RJR	20	PASI-O
		EPA 8260	AST	56	PASI-O
35606411012	CW5 01202021	EPA 8011	TSW	1	PASI-O
		FL-PRO	TCB	3	PASI-O
		EPA 6010	KPP	1	PASI-O
		EPA 8270 by SIM	RJR	20	PASI-O
		EPA 8260	AST	56	PASI-O

PASI-O = Pace Analytical Services - Ormond Beach

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Speedway # 6893

Pace Project No.: 35606411

Sample: DW1 01202021 **Lab ID: 35606411001** Collected: 01/20/21 10:28 Received: 01/21/21 12:17 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Field Data									
Analytical Method: Pace Analytical Services - Ormond Beach									
Field pH	6.67	Std. Units			1		01/25/21 09:19		
Field Temperature	26.8	deg C			1		01/25/21 09:19		
Field Specific Conductance	6017	umhos/cm			1		01/25/21 09:19		
Oxygen, Dissolved	0.67	mg/L			1		01/25/21 09:19	7782-44-7	
REDOX	-606	mV			1		01/25/21 09:19		
Turbidity	1.26	NTU			1		01/25/21 09:19		
8011 GCS EDB and DBCP									
Analytical Method: EPA 8011 Preparation Method: EPA 8011 Pace Analytical Services - Ormond Beach									
1,2-Dibromoethane (EDB)	0.0073 U	ug/L	0.0098	0.0073	1	01/22/21 16:54	01/23/21 12:32	106-93-4	
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3010 Pace Analytical Services - Ormond Beach									
Lead	4.6 U	ug/L	10.0	4.6	1	01/22/21 23:57	01/24/21 15:13	7439-92-1	J(IS)
8260 MSV									
Analytical Method: EPA 8260 Pace Analytical Services - Ormond Beach									
Acetone	5.3 U	ug/L	25.0	5.3	1		01/22/21 20:52	67-64-1	
Acetonitrile	25.0 U	ug/L	50.0	25.0	1		01/22/21 20:52	75-05-8	J(v2)
Benzene	0.30 U	ug/L	1.0	0.30	1		01/22/21 20:52	71-43-2	
Bromochloromethane	0.37 U	ug/L	1.0	0.37	1		01/22/21 20:52	74-97-5	
Bromodichloromethane	0.19 U	ug/L	1.0	0.19	1		01/22/21 20:52	75-27-4	
Bromoform	0.48 U	ug/L	3.0	0.48	1		01/22/21 20:52	75-25-2	
Bromomethane	8.1 U	ug/L	10.0	8.1	1		01/22/21 20:52	74-83-9	J(v2)
2-Butanone (MEK)	21.0 U	ug/L	50.0	21.0	1		01/22/21 20:52	78-93-3	
Carbon disulfide	1.8 U	ug/L	10.0	1.8	1		01/22/21 20:52	75-15-0	
Carbon tetrachloride	0.44 U	ug/L	3.0	0.44	1		01/22/21 20:52	56-23-5	
Chlorobenzene	0.35 U	ug/L	1.0	0.35	1		01/22/21 20:52	108-90-7	
Chloroethane	3.7 U	ug/L	10.0	3.7	1		01/22/21 20:52	75-00-3	
Chloroform	0.32 U	ug/L	1.0	0.32	1		01/22/21 20:52	67-66-3	
Chloromethane	0.43 U	ug/L	1.0	0.43	1		01/22/21 20:52	74-87-3	
1,2-Dibromo-3-chloropropane	1.9 U	ug/L	5.0	1.9	1		01/22/21 20:52	96-12-8	
Dibromochloromethane	0.45 U	ug/L	2.0	0.45	1		01/22/21 20:52	124-48-1	
Dibromomethane	0.68 U	ug/L	2.0	0.68	1		01/22/21 20:52	74-95-3	
1,2-Dichlorobenzene	0.60 U	ug/L	1.0	0.60	1		01/22/21 20:52	95-50-1	
1,4-Dichlorobenzene	0.28 U	ug/L	1.0	0.28	1		01/22/21 20:52	106-46-7	
trans-1,4-Dichloro-2-butene	2.5 U	ug/L	10.0	2.5	1		01/22/21 20:52	110-57-6	J(v2)
1,1-Dichloroethane	0.34 U	ug/L	1.0	0.34	1		01/22/21 20:52	75-34-3	
1,2-Dichloroethane	0.27 U	ug/L	1.0	0.27	1		01/22/21 20:52	107-06-2	
1,2-Dichloroethane (Total)	0.27 U	ug/L	1.0	0.27	1		01/22/21 20:52	540-59-0	N2
1,1-Dichloroethene	0.59 U	ug/L	1.0	0.59	1		01/22/21 20:52	75-35-4	
cis-1,2-Dichloroethene	0.27 U	ug/L	1.0	0.27	1		01/22/21 20:52	156-59-2	
trans-1,2-Dichloroethene	0.23 U	ug/L	1.0	0.23	1		01/22/21 20:52	156-60-5	
1,2-Dichloropropane	0.23 U	ug/L	1.0	0.23	1		01/22/21 20:52	78-87-5	
cis-1,3-Dichloropropene	0.17 U	ug/L	1.0	0.17	1		01/22/21 20:52	10061-01-5	

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ANALYTICAL RESULTS

Project: Speedway # 6893

Pace Project No.: 35606411

Sample: DW1 01202021 **Lab ID: 35606411001** Collected: 01/20/21 10:28 Received: 01/21/21 12:17 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Ormond Beach									
trans-1,3-Dichloropropene	0.37 U	ug/L	1.0	0.37	1		01/22/21 20:52	10061-02-6	
Ethylbenzene	0.30 U	ug/L	1.0	0.30	1		01/22/21 20:52	100-41-4	
2-Hexanone	3.2 U	ug/L	25.0	3.2	1		01/22/21 20:52	591-78-6	
Iodomethane	9.3 U	ug/L	10.0	9.3	1		01/22/21 20:52	74-88-4	
Isopropylbenzene (Cumene)	0.30 U	ug/L	1.0	0.30	1		01/22/21 20:52	98-82-8	
Methylene Chloride	4.4 U	ug/L	5.0	4.4	1		01/22/21 20:52	75-09-2	
4-Methyl-2-pentanone (MIBK)	7.5 U	ug/L	25.0	7.5	1		01/22/21 20:52	108-10-1	
Methyl-tert-butyl ether	4.4 U	ug/L	5.0	4.4	1		01/22/21 20:52	1634-04-4	
Styrene	0.26 U	ug/L	1.0	0.26	1		01/22/21 20:52	100-42-5	
1,1,1,2-Tetrachloroethane	0.32 U	ug/L	1.0	0.32	1		01/22/21 20:52	630-20-6	
1,1,2,2-Tetrachloroethane	0.59 U	ug/L	1.0	0.59	1		01/22/21 20:52	79-34-5	
Tetrachloroethene	0.38 U	ug/L	1.0	0.38	1		01/22/21 20:52	127-18-4	
Toluene	0.33 U	ug/L	1.0	0.33	1		01/22/21 20:52	108-88-3	
1,1,1-Trichloroethane	0.30 U	ug/L	1.0	0.30	1		01/22/21 20:52	71-55-6	
1,1,2-Trichloroethane	0.30 U	ug/L	1.0	0.30	1		01/22/21 20:52	79-00-5	
Trichloroethene	0.36 U	ug/L	1.0	0.36	1		01/22/21 20:52	79-01-6	
Trichlorofluoromethane	0.35 U	ug/L	1.0	0.35	1		01/22/21 20:52	75-69-4	
1,2,3-Trichloropropane	0.53 U	ug/L	2.0	0.53	1		01/22/21 20:52	96-18-4	
1,2,4-Trimethylbenzene	0.24 U	ug/L	1.0	0.24	1		01/22/21 20:52	95-63-6	
1,3,5-Trimethylbenzene	0.24 U	ug/L	1.0	0.24	1		01/22/21 20:52	108-67-8	
Vinyl acetate	1.8 U	ug/L	10.0	1.8	1		01/22/21 20:52	108-05-4	
Vinyl chloride	0.39 U	ug/L	1.0	0.39	1		01/22/21 20:52	75-01-4	
Xylene (Total)	2.1 U	ug/L	5.0	2.1	1		01/22/21 20:52	1330-20-7	
m&p-Xylene	2.1 U	ug/L	4.0	2.1	1		01/22/21 20:52	179601-23-1	
o-Xylene	0.57 U	ug/L	1.0	0.57	1		01/22/21 20:52	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	101	%	70-130		1		01/22/21 20:52	460-00-4	
Toluene-d8 (S)	98	%	70-130		1		01/22/21 20:52	2037-26-5	
1,2-Dichlorobenzene-d4 (S)	102	%	70-130		1		01/22/21 20:52	2199-69-1	

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ANALYTICAL RESULTS

Project: Speedway # 6893

Pace Project No.: 35606411

Sample: MWD 01202021 **Lab ID: 35606411002** Collected: 01/20/21 10:50 Received: 01/21/21 12:17 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Field Data									
Analytical Method: Pace Analytical Services - Ormond Beach									
Field pH	6.53	Std. Units			1		01/25/21 11:27		
Field Temperature	26.5	deg C			1		01/25/21 11:27		
Field Specific Conductance	473	umhos/cm			1		01/25/21 11:27		
Oxygen, Dissolved	0.19	mg/L			1		01/25/21 11:27	7782-44-7	
REDOX	-215.0	mV			1		01/25/21 11:27		
Turbidity	4.37	NTU			1		01/25/21 11:27		
8011 GCS EDB and DBCP									
Analytical Method: EPA 8011 Preparation Method: EPA 8011 Pace Analytical Services - Ormond Beach									
1,2-Dibromoethane (EDB)	0.0075 U	ug/L	0.010	0.0075	1	01/22/21 16:54	01/23/21 12:48	106-93-4	
FL-PRO Water, Low Volume									
Analytical Method: FL-PRO Preparation Method: EPA 3510 Pace Analytical Services - Ormond Beach									
Petroleum Range Organics	0.76 U	mg/L	0.95	0.76	1	01/22/21 17:00	01/23/21 05:06		
Surrogates									
o-Terphenyl (S)	85	%	66-139		1	01/22/21 17:00	01/23/21 05:06	84-15-1	
N-Pentatriacontane (S)	90	%	42-159		1	01/22/21 17:00	01/23/21 05:06	630-07-09	
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3010 Pace Analytical Services - Ormond Beach									
Lead	4.6 U	ug/L	10.0	4.6	1	01/22/21 23:57	01/24/21 15:16	7439-92-1	
8270 MSSV PAHLV by SIM									
Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3510 Pace Analytical Services - Ormond Beach									
Acenaphthene	0.046 I	ug/L	0.50	0.040	1	01/24/21 22:45	01/25/21 07:57	83-32-9	
Acenaphthylene	0.030 U	ug/L	0.50	0.030	1	01/24/21 22:45	01/25/21 07:57	208-96-8	
Anthracene	0.043 U	ug/L	0.50	0.043	1	01/24/21 22:45	01/25/21 07:57	120-12-7	
Benzo(a)anthracene	0.055 U	ug/L	0.10	0.055	1	01/24/21 22:45	01/25/21 07:57	56-55-3	
Benzo(a)pyrene	0.12 U	ug/L	0.20	0.12	1	01/24/21 22:45	01/25/21 07:57	50-32-8	
Benzo(b)fluoranthene	0.027 U	ug/L	0.10	0.027	1	01/24/21 22:45	01/25/21 07:57	205-99-2	
Benzo(g,h,i)perylene	0.15 U	ug/L	0.50	0.15	1	01/24/21 22:45	01/25/21 07:57	191-24-2	
Benzo(k)fluoranthene	0.16 U	ug/L	0.50	0.16	1	01/24/21 22:45	01/25/21 07:57	207-08-9	
Chrysene	0.026 U	ug/L	0.50	0.026	1	01/24/21 22:45	01/25/21 07:57	218-01-9	
Dibenz(a,h)anthracene	0.13 U	ug/L	0.15	0.13	1	01/24/21 22:45	01/25/21 07:57	53-70-3	
Fluoranthene	0.025 I	ug/L	0.50	0.018	1	01/24/21 22:45	01/25/21 07:57	206-44-0	
Fluorene	0.088 U	ug/L	0.50	0.088	1	01/24/21 22:45	01/25/21 07:57	86-73-7	
Indeno(1,2,3-cd)pyrene	0.12 U	ug/L	0.15	0.12	1	01/24/21 22:45	01/25/21 07:57	193-39-5	
1-Methylnaphthalene	0.53 I	ug/L	2.0	0.19	1	01/24/21 22:45	01/25/21 07:57	90-12-0	
2-Methylnaphthalene	0.68 U	ug/L	2.0	0.68	1	01/24/21 22:45	01/25/21 07:57	91-57-6	
Naphthalene	0.48 I	ug/L	2.0	0.29	1	01/24/21 22:45	01/25/21 07:57	91-20-3	
Phenanthrene	0.16 U	ug/L	0.50	0.16	1	01/24/21 22:45	01/25/21 07:57	85-01-8	
Pyrene	0.033 I	ug/L	0.50	0.032	1	01/24/21 22:45	01/25/21 07:57	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	45	%	32-100		1	01/24/21 22:45	01/25/21 07:57	321-60-8	
p-Terphenyl-d14 (S)	91	%	48-112		1	01/24/21 22:45	01/25/21 07:57	1718-51-0	

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ANALYTICAL RESULTS

Project: Speedway # 6893

Pace Project No.: 35606411

Sample: MWD 0120202021 Lab ID: 35606411002 Collected: 01/20/21 10:50 Received: 01/21/21 12:17 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Ormond Beach									
Acetone	5.3 U	ug/L	25.0	5.3	1		01/22/21 21:19	67-64-1	
Acetonitrile	25.0 U	ug/L	50.0	25.0	1		01/22/21 21:19	75-05-8	J(v2)
Benzene	0.30 U	ug/L	1.0	0.30	1		01/22/21 21:19	71-43-2	
Bromochloromethane	0.37 U	ug/L	1.0	0.37	1		01/22/21 21:19	74-97-5	
Bromodichloromethane	0.19 U	ug/L	1.0	0.19	1		01/22/21 21:19	75-27-4	
Bromoform	0.48 U	ug/L	3.0	0.48	1		01/22/21 21:19	75-25-2	
Bromomethane	8.1 U	ug/L	10.0	8.1	1		01/22/21 21:19	74-83-9	J(v2)
2-Butanone (MEK)	21.0 U	ug/L	50.0	21.0	1		01/22/21 21:19	78-93-3	
Carbon disulfide	1.8 U	ug/L	10.0	1.8	1		01/22/21 21:19	75-15-0	
Carbon tetrachloride	0.44 U	ug/L	3.0	0.44	1		01/22/21 21:19	56-23-5	
Chlorobenzene	0.35 U	ug/L	1.0	0.35	1		01/22/21 21:19	108-90-7	
Chloroethane	3.7 U	ug/L	10.0	3.7	1		01/22/21 21:19	75-00-3	
Chloroform	0.32 U	ug/L	1.0	0.32	1		01/22/21 21:19	67-66-3	
Chloromethane	0.43 U	ug/L	1.0	0.43	1		01/22/21 21:19	74-87-3	
1,2-Dibromo-3-chloropropane	1.9 U	ug/L	5.0	1.9	1		01/22/21 21:19	96-12-8	
Dibromochloromethane	0.45 U	ug/L	2.0	0.45	1		01/22/21 21:19	124-48-1	
Dibromomethane	0.68 U	ug/L	2.0	0.68	1		01/22/21 21:19	74-95-3	
1,2-Dichlorobenzene	0.60 U	ug/L	1.0	0.60	1		01/22/21 21:19	95-50-1	
1,4-Dichlorobenzene	0.28 U	ug/L	1.0	0.28	1		01/22/21 21:19	106-46-7	
trans-1,4-Dichloro-2-butene	2.5 U	ug/L	10.0	2.5	1		01/22/21 21:19	110-57-6	J(v2)
1,1-Dichloroethane	0.34 U	ug/L	1.0	0.34	1		01/22/21 21:19	75-34-3	
1,2-Dichloroethane	0.27 U	ug/L	1.0	0.27	1		01/22/21 21:19	107-06-2	
1,2-Dichloroethene (Total)	0.27 U	ug/L	1.0	0.27	1		01/22/21 21:19	540-59-0	N2
1,1-Dichloroethene	0.59 U	ug/L	1.0	0.59	1		01/22/21 21:19	75-35-4	
cis-1,2-Dichloroethene	0.27 U	ug/L	1.0	0.27	1		01/22/21 21:19	156-59-2	
trans-1,2-Dichloroethene	0.23 U	ug/L	1.0	0.23	1		01/22/21 21:19	156-60-5	
1,2-Dichloropropane	0.23 U	ug/L	1.0	0.23	1		01/22/21 21:19	78-87-5	
cis-1,3-Dichloropropene	0.17 U	ug/L	1.0	0.17	1		01/22/21 21:19	10061-01-5	
trans-1,3-Dichloropropene	0.37 U	ug/L	1.0	0.37	1		01/22/21 21:19	10061-02-6	
Ethylbenzene	0.30 U	ug/L	1.0	0.30	1		01/22/21 21:19	100-41-4	
2-Hexanone	3.2 U	ug/L	25.0	3.2	1		01/22/21 21:19	591-78-6	
Iodomethane	9.3 U	ug/L	10.0	9.3	1		01/22/21 21:19	74-88-4	
Isopropylbenzene (Cumene)	7.2 U	ug/L	1.0	0.30	1		01/22/21 21:19	98-82-8	
Methylene Chloride	4.4 U	ug/L	5.0	4.4	1		01/22/21 21:19	75-09-2	
4-Methyl-2-pentanone (MIBK)	7.5 U	ug/L	25.0	7.5	1		01/22/21 21:19	108-10-1	
Methyl-tert-butyl ether	4.4 U	ug/L	5.0	4.4	1		01/22/21 21:19	1634-04-4	
Styrene	0.26 U	ug/L	1.0	0.26	1		01/22/21 21:19	100-42-5	
1,1,1,2-Tetrachloroethane	0.32 U	ug/L	1.0	0.32	1		01/22/21 21:19	630-20-6	
1,1,2,2-Tetrachloroethane	0.59 U	ug/L	1.0	0.59	1		01/22/21 21:19	79-34-5	
Tetrachloroethene	0.38 U	ug/L	1.0	0.38	1		01/22/21 21:19	127-18-4	
Toluene	0.33 U	ug/L	1.0	0.33	1		01/22/21 21:19	108-88-3	
1,1,1-Trichloroethane	0.30 U	ug/L	1.0	0.30	1		01/22/21 21:19	71-55-6	
1,1,2-Trichloroethane	0.30 U	ug/L	1.0	0.30	1		01/22/21 21:19	79-00-5	
Trichloroethene	0.36 U	ug/L	1.0	0.36	1		01/22/21 21:19	79-01-6	
Trichlorofluoromethane	0.35 U	ug/L	1.0	0.35	1		01/22/21 21:19	75-69-4	

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ANALYTICAL RESULTS

Project: Speedway # 6893

Pace Project No.: 35606411

Sample: MWD 0120202021 **Lab ID: 35606411002** Collected: 01/20/21 10:50 Received: 01/21/21 12:17 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Ormond Beach									
1,2,3-Trichloropropane	0.53 U	ug/L	2.0	0.53	1		01/22/21 21:19	96-18-4	
1,2,4-Trimethylbenzene	0.24 U	ug/L	1.0	0.24	1		01/22/21 21:19	95-63-6	
1,3,5-Trimethylbenzene	0.24 U	ug/L	1.0	0.24	1		01/22/21 21:19	108-67-8	
Vinyl acetate	1.8 U	ug/L	10.0	1.8	1		01/22/21 21:19	108-05-4	
Vinyl chloride	0.39 U	ug/L	1.0	0.39	1		01/22/21 21:19	75-01-4	
Xylene (Total)	2.1 U	ug/L	5.0	2.1	1		01/22/21 21:19	1330-20-7	
m&p-Xylene	2.1 U	ug/L	4.0	2.1	1		01/22/21 21:19	179601-23-1	
o-Xylene	0.57 U	ug/L	1.0	0.57	1		01/22/21 21:19	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	103	%	70-130		1		01/22/21 21:19	460-00-4	
Toluene-d8 (S)	100	%	70-130		1		01/22/21 21:19	2037-26-5	
1,2-Dichlorobenzene-d4 (S)	104	%	70-130		1		01/22/21 21:19	2199-69-1	

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ANALYTICAL RESULTS

Project: Speedway # 6893

Pace Project No.: 35606411

Sample: MWB 01202021 **Lab ID: 35606411003** Collected: 01/20/21 10:57 Received: 01/21/21 12:17 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Field Data									
Analytical Method: Pace Analytical Services - Ormond Beach									
Field pH	7.31	Std. Units			1		01/25/21 09:20		
Field Temperature	23.4	deg C			1		01/25/21 09:20		
Field Specific Conductance	530	umhos/cm			1		01/25/21 09:20		
Oxygen, Dissolved	0.68	mg/L			1		01/25/21 09:20	7782-44-7	
REDOX	17.0	mV			1		01/25/21 09:20		
Turbidity	2.58	NTU			1		01/25/21 09:20		
8011 GCS EDB and DBCP									
Analytical Method: EPA 8011 Preparation Method: EPA 8011 Pace Analytical Services - Ormond Beach									
1,2-Dibromoethane (EDB)	0.0076 U	ug/L	0.010	0.0076	1	01/22/21 16:54	01/23/21 13:03	106-93-4	
FL-PRO Water, Low Volume									
Analytical Method: FL-PRO Preparation Method: EPA 3510 Pace Analytical Services - Ormond Beach									
Petroleum Range Organics <i>Surrogates</i>	0.77 U	mg/L	0.96	0.77	1	01/22/21 17:00	01/23/21 05:19		
o-Terphenyl (S)	76	%	66-139		1	01/22/21 17:00	01/23/21 05:19	84-15-1	
N-Pentatriacontane (S)	81	%	42-159		1	01/22/21 17:00	01/23/21 05:19	630-07-09	
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3010 Pace Analytical Services - Ormond Beach									
Lead	4.6 U	ug/L	10.0	4.6	1	01/22/21 23:57	01/24/21 15:20	7439-92-1	
8270 MSSV PAHLV by SIM									
Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3510 Pace Analytical Services - Ormond Beach									
Acenaphthene	0.040 U	ug/L	0.50	0.040	1	01/24/21 22:45	01/25/21 08:39	83-32-9	
Acenaphthylene	0.030 U	ug/L	0.50	0.030	1	01/24/21 22:45	01/25/21 08:39	208-96-8	
Anthracene	0.043 U	ug/L	0.50	0.043	1	01/24/21 22:45	01/25/21 08:39	120-12-7	
Benzo(a)anthracene	0.055 U	ug/L	0.10	0.055	1	01/24/21 22:45	01/25/21 08:39	56-55-3	
Benzo(a)pyrene	0.12 U	ug/L	0.20	0.12	1	01/24/21 22:45	01/25/21 08:39	50-32-8	
Benzo(b)fluoranthene	0.027 U	ug/L	0.10	0.027	1	01/24/21 22:45	01/25/21 08:39	205-99-2	
Benzo(g,h,i)perylene	0.15 U	ug/L	0.50	0.15	1	01/24/21 22:45	01/25/21 08:39	191-24-2	
Benzo(k)fluoranthene	0.16 U	ug/L	0.50	0.16	1	01/24/21 22:45	01/25/21 08:39	207-08-9	
Chrysene	0.026 U	ug/L	0.50	0.026	1	01/24/21 22:45	01/25/21 08:39	218-01-9	
Dibenz(a,h)anthracene	0.13 U	ug/L	0.15	0.13	1	01/24/21 22:45	01/25/21 08:39	53-70-3	
Fluoranthene	0.018 U	ug/L	0.50	0.018	1	01/24/21 22:45	01/25/21 08:39	206-44-0	
Fluorene	0.088 U	ug/L	0.50	0.088	1	01/24/21 22:45	01/25/21 08:39	86-73-7	
Indeno(1,2,3-cd)pyrene	0.12 U	ug/L	0.15	0.12	1	01/24/21 22:45	01/25/21 08:39	193-39-5	
1-Methylnaphthalene	0.19 I	ug/L	2.0	0.19	1	01/24/21 22:45	01/25/21 08:39	90-12-0	
2-Methylnaphthalene	0.68 U	ug/L	2.0	0.68	1	01/24/21 22:45	01/25/21 08:39	91-57-6	
Naphthalene	0.29 U	ug/L	2.0	0.29	1	01/24/21 22:45	01/25/21 08:39	91-20-3	
Phenanthrene	0.16 U	ug/L	0.50	0.16	1	01/24/21 22:45	01/25/21 08:39	85-01-8	
Pyrene	0.032 U	ug/L	0.50	0.032	1	01/24/21 22:45	01/25/21 08:39	129-00-0	
<i>Surrogates</i>									
2-Fluorobiphenyl (S)	49	%	32-100		1	01/24/21 22:45	01/25/21 08:39	321-60-8	
p-Terphenyl-d14 (S)	85	%	48-112		1	01/24/21 22:45	01/25/21 08:39	1718-51-0	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Speedway # 6893

Pace Project No.: 35606411

Sample: MWB 01202021 **Lab ID: 35606411003** Collected: 01/20/21 10:57 Received: 01/21/21 12:17 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Ormond Beach									
Acetone	5.3 U	ug/L	25.0	5.3	1		01/22/21 21:46	67-64-1	
Acetonitrile	25.0 U	ug/L	50.0	25.0	1		01/22/21 21:46	75-05-8	J(v2)
Benzene	0.30 U	ug/L	1.0	0.30	1		01/22/21 21:46	71-43-2	
Bromochloromethane	0.37 U	ug/L	1.0	0.37	1		01/22/21 21:46	74-97-5	
Bromodichloromethane	0.19 U	ug/L	1.0	0.19	1		01/22/21 21:46	75-27-4	
Bromoform	0.48 U	ug/L	3.0	0.48	1		01/22/21 21:46	75-25-2	
Bromomethane	8.1 U	ug/L	10.0	8.1	1		01/22/21 21:46	74-83-9	J(v2)
2-Butanone (MEK)	21.0 U	ug/L	50.0	21.0	1		01/22/21 21:46	78-93-3	
Carbon disulfide	1.8 U	ug/L	10.0	1.8	1		01/22/21 21:46	75-15-0	
Carbon tetrachloride	0.44 U	ug/L	3.0	0.44	1		01/22/21 21:46	56-23-5	
Chlorobenzene	0.35 U	ug/L	1.0	0.35	1		01/22/21 21:46	108-90-7	
Chloroethane	3.7 U	ug/L	10.0	3.7	1		01/22/21 21:46	75-00-3	
Chloroform	0.32 U	ug/L	1.0	0.32	1		01/22/21 21:46	67-66-3	
Chloromethane	0.43 U	ug/L	1.0	0.43	1		01/22/21 21:46	74-87-3	
1,2-Dibromo-3-chloropropane	1.9 U	ug/L	5.0	1.9	1		01/22/21 21:46	96-12-8	
Dibromochloromethane	0.45 U	ug/L	2.0	0.45	1		01/22/21 21:46	124-48-1	
Dibromomethane	0.68 U	ug/L	2.0	0.68	1		01/22/21 21:46	74-95-3	
1,2-Dichlorobenzene	0.60 U	ug/L	1.0	0.60	1		01/22/21 21:46	95-50-1	
1,4-Dichlorobenzene	0.28 U	ug/L	1.0	0.28	1		01/22/21 21:46	106-46-7	
trans-1,4-Dichloro-2-butene	2.5 U	ug/L	10.0	2.5	1		01/22/21 21:46	110-57-6	J(v2)
1,1-Dichloroethane	0.34 U	ug/L	1.0	0.34	1		01/22/21 21:46	75-34-3	
1,2-Dichloroethane	0.27 U	ug/L	1.0	0.27	1		01/22/21 21:46	107-06-2	
1,2-Dichloroethene (Total)	0.27 U	ug/L	1.0	0.27	1		01/22/21 21:46	540-59-0	N2
1,1-Dichloroethene	0.59 U	ug/L	1.0	0.59	1		01/22/21 21:46	75-35-4	
cis-1,2-Dichloroethene	0.27 U	ug/L	1.0	0.27	1		01/22/21 21:46	156-59-2	
trans-1,2-Dichloroethene	0.23 U	ug/L	1.0	0.23	1		01/22/21 21:46	156-60-5	
1,2-Dichloropropane	0.23 U	ug/L	1.0	0.23	1		01/22/21 21:46	78-87-5	
cis-1,3-Dichloropropene	0.17 U	ug/L	1.0	0.17	1		01/22/21 21:46	10061-01-5	
trans-1,3-Dichloropropene	0.37 U	ug/L	1.0	0.37	1		01/22/21 21:46	10061-02-6	
Ethylbenzene	0.30 U	ug/L	1.0	0.30	1		01/22/21 21:46	100-41-4	
2-Hexanone	3.2 U	ug/L	25.0	3.2	1		01/22/21 21:46	591-78-6	
Iodomethane	9.3 U	ug/L	10.0	9.3	1		01/22/21 21:46	74-88-4	
Isopropylbenzene (Cumene)	2.0 U	ug/L	1.0	0.30	1		01/22/21 21:46	98-82-8	
Methylene Chloride	4.4 U	ug/L	5.0	4.4	1		01/22/21 21:46	75-09-2	
4-Methyl-2-pentanone (MIBK)	7.5 U	ug/L	25.0	7.5	1		01/22/21 21:46	108-10-1	
Methyl-tert-butyl ether	4.4 U	ug/L	5.0	4.4	1		01/22/21 21:46	1634-04-4	
Styrene	0.26 U	ug/L	1.0	0.26	1		01/22/21 21:46	100-42-5	
1,1,1,2-Tetrachloroethane	0.32 U	ug/L	1.0	0.32	1		01/22/21 21:46	630-20-6	
1,1,2,2-Tetrachloroethane	0.59 U	ug/L	1.0	0.59	1		01/22/21 21:46	79-34-5	
Tetrachloroethene	0.38 U	ug/L	1.0	0.38	1		01/22/21 21:46	127-18-4	
Toluene	0.33 U	ug/L	1.0	0.33	1		01/22/21 21:46	108-88-3	
1,1,1-Trichloroethane	0.30 U	ug/L	1.0	0.30	1		01/22/21 21:46	71-55-6	
1,1,2-Trichloroethane	0.30 U	ug/L	1.0	0.30	1		01/22/21 21:46	79-00-5	
Trichloroethene	0.36 U	ug/L	1.0	0.36	1		01/22/21 21:46	79-01-6	
Trichlorofluoromethane	0.35 U	ug/L	1.0	0.35	1		01/22/21 21:46	75-69-4	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Speedway # 6893

Pace Project No.: 35606411

Sample: MWB 01202021 **Lab ID: 35606411003** Collected: 01/20/21 10:57 Received: 01/21/21 12:17 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Ormond Beach									
1,2,3-Trichloropropane	0.53 U	ug/L	2.0	0.53	1		01/22/21 21:46	96-18-4	
1,2,4-Trimethylbenzene	0.24 U	ug/L	1.0	0.24	1		01/22/21 21:46	95-63-6	
1,3,5-Trimethylbenzene	0.24 U	ug/L	1.0	0.24	1		01/22/21 21:46	108-67-8	
Vinyl acetate	1.8 U	ug/L	10.0	1.8	1		01/22/21 21:46	108-05-4	
Vinyl chloride	0.39 U	ug/L	1.0	0.39	1		01/22/21 21:46	75-01-4	
Xylene (Total)	2.1 U	ug/L	5.0	2.1	1		01/22/21 21:46	1330-20-7	
m&p-Xylene	2.1 U	ug/L	4.0	2.1	1		01/22/21 21:46	179601-23-1	
o-Xylene	0.57 U	ug/L	1.0	0.57	1		01/22/21 21:46	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	102	%	70-130		1		01/22/21 21:46	460-00-4	
Toluene-d8 (S)	99	%	70-130		1		01/22/21 21:46	2037-26-5	
1,2-Dichlorobenzene-d4 (S)	101	%	70-130		1		01/22/21 21:46	2199-69-1	

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ANALYTICAL RESULTS

Project: Speedway # 6893

Pace Project No.: 35606411

Sample: MWN 01202021 **Lab ID: 35606411004** Collected: 01/20/21 11:30 Received: 01/21/21 12:17 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Field Data									
Analytical Method: Pace Analytical Services - Ormond Beach									
Field pH	7.18	Std. Units			1		01/25/21 09:20		
Field Temperature	24.4	deg C			1		01/25/21 09:20		
Field Specific Conductance	679	umhos/cm			1		01/25/21 09:20		
Oxygen, Dissolved	0.60	mg/L			1		01/25/21 09:20	7782-44-7	
REDOX	-995	mV			1		01/25/21 09:20		
Turbidity	2.64	NTU			1		01/25/21 09:20		
8011 GCS EDB and DBCP									
Analytical Method: EPA 8011 Preparation Method: EPA 8011 Pace Analytical Services - Ormond Beach									
1,2-Dibromoethane (EDB)	0.0075 U	ug/L	0.010	0.0075	1	01/22/21 16:54	01/23/21 13:18	106-93-4	
FL-PRO Water, Low Volume									
Analytical Method: FL-PRO Preparation Method: EPA 3510 Pace Analytical Services - Ormond Beach									
Petroleum Range Organics <i>Surrogates</i>	0.75 U	mg/L	0.94	0.75	1	01/22/21 17:00	01/23/21 05:33		
o-Terphenyl (S)	79	%	66-139		1	01/22/21 17:00	01/23/21 05:33	84-15-1	
N-Pentatriacontane (S)	86	%	42-159		1	01/22/21 17:00	01/23/21 05:33	630-07-09	
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3010 Pace Analytical Services - Ormond Beach									
Lead	4.6 U	ug/L	10.0	4.6	1	01/22/21 23:57	01/24/21 15:29	7439-92-1	
8270 MSSV PAHLV by SIM									
Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3510 Pace Analytical Services - Ormond Beach									
Acenaphthene	0.056 I	ug/L	0.50	0.040	1	01/24/21 22:45	01/25/21 09:21	83-32-9	
Acenaphthylene	0.030 U	ug/L	0.50	0.030	1	01/24/21 22:45	01/25/21 09:21	208-96-8	
Anthracene	0.043 U	ug/L	0.50	0.043	1	01/24/21 22:45	01/25/21 09:21	120-12-7	
Benzo(a)anthracene	0.055 U	ug/L	0.10	0.055	1	01/24/21 22:45	01/25/21 09:21	56-55-3	
Benzo(a)pyrene	0.12 U	ug/L	0.20	0.12	1	01/24/21 22:45	01/25/21 09:21	50-32-8	
Benzo(b)fluoranthene	0.027 U	ug/L	0.10	0.027	1	01/24/21 22:45	01/25/21 09:21	205-99-2	
Benzo(g,h,i)perylene	0.15 U	ug/L	0.50	0.15	1	01/24/21 22:45	01/25/21 09:21	191-24-2	
Benzo(k)fluoranthene	0.16 U	ug/L	0.50	0.16	1	01/24/21 22:45	01/25/21 09:21	207-08-9	
Chrysene	0.026 U	ug/L	0.50	0.026	1	01/24/21 22:45	01/25/21 09:21	218-01-9	
Dibenz(a,h)anthracene	0.13 U	ug/L	0.15	0.13	1	01/24/21 22:45	01/25/21 09:21	53-70-3	
Fluoranthene	0.023 I	ug/L	0.50	0.018	1	01/24/21 22:45	01/25/21 09:21	206-44-0	
Fluorene	0.088 U	ug/L	0.50	0.088	1	01/24/21 22:45	01/25/21 09:21	86-73-7	
Indeno(1,2,3-cd)pyrene	0.12 U	ug/L	0.15	0.12	1	01/24/21 22:45	01/25/21 09:21	193-39-5	
1-Methylnaphthalene	0.19 U	ug/L	2.0	0.19	1	01/24/21 22:45	01/25/21 09:21	90-12-0	
2-Methylnaphthalene	0.68 U	ug/L	2.0	0.68	1	01/24/21 22:45	01/25/21 09:21	91-57-6	
Naphthalene	0.29 U	ug/L	2.0	0.29	1	01/24/21 22:45	01/25/21 09:21	91-20-3	
Phenanthrene	0.16 U	ug/L	0.50	0.16	1	01/24/21 22:45	01/25/21 09:21	85-01-8	
Pyrene	0.032 U	ug/L	0.50	0.032	1	01/24/21 22:45	01/25/21 09:21	129-00-0	
<i>Surrogates</i>									
2-Fluorobiphenyl (S)	57	%	32-100		1	01/24/21 22:45	01/25/21 09:21	321-60-8	
p-Terphenyl-d14 (S)	89	%	48-112		1	01/24/21 22:45	01/25/21 09:21	1718-51-0	

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ANALYTICAL RESULTS

Project: Speedway # 6893

Pace Project No.: 35606411

Sample: MWN 01202021 **Lab ID: 35606411004** Collected: 01/20/21 11:30 Received: 01/21/21 12:17 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Ormond Beach									
Acetone	5.3 U	ug/L	25.0	5.3	1		01/22/21 22:13	67-64-1	
Acetonitrile	25.0 U	ug/L	50.0	25.0	1		01/22/21 22:13	75-05-8	J(v2)
Benzene	0.30 U	ug/L	1.0	0.30	1		01/22/21 22:13	71-43-2	
Bromochloromethane	0.37 U	ug/L	1.0	0.37	1		01/22/21 22:13	74-97-5	
Bromodichloromethane	0.19 U	ug/L	1.0	0.19	1		01/22/21 22:13	75-27-4	
Bromoform	0.48 U	ug/L	3.0	0.48	1		01/22/21 22:13	75-25-2	
Bromomethane	8.1 U	ug/L	10.0	8.1	1		01/22/21 22:13	74-83-9	J(v2)
2-Butanone (MEK)	21.0 U	ug/L	50.0	21.0	1		01/22/21 22:13	78-93-3	
Carbon disulfide	1.8 U	ug/L	10.0	1.8	1		01/22/21 22:13	75-15-0	
Carbon tetrachloride	0.44 U	ug/L	3.0	0.44	1		01/22/21 22:13	56-23-5	
Chlorobenzene	0.35 U	ug/L	1.0	0.35	1		01/22/21 22:13	108-90-7	
Chloroethane	3.7 U	ug/L	10.0	3.7	1		01/22/21 22:13	75-00-3	
Chloroform	0.32 U	ug/L	1.0	0.32	1		01/22/21 22:13	67-66-3	
Chloromethane	0.43 U	ug/L	1.0	0.43	1		01/22/21 22:13	74-87-3	
1,2-Dibromo-3-chloropropane	1.9 U	ug/L	5.0	1.9	1		01/22/21 22:13	96-12-8	
Dibromochloromethane	0.45 U	ug/L	2.0	0.45	1		01/22/21 22:13	124-48-1	
Dibromomethane	0.68 U	ug/L	2.0	0.68	1		01/22/21 22:13	74-95-3	
1,2-Dichlorobenzene	0.60 U	ug/L	1.0	0.60	1		01/22/21 22:13	95-50-1	
1,4-Dichlorobenzene	0.28 U	ug/L	1.0	0.28	1		01/22/21 22:13	106-46-7	
trans-1,4-Dichloro-2-butene	2.5 U	ug/L	10.0	2.5	1		01/22/21 22:13	110-57-6	J(v2)
1,1-Dichloroethane	0.34 U	ug/L	1.0	0.34	1		01/22/21 22:13	75-34-3	
1,2-Dichloroethane	0.27 U	ug/L	1.0	0.27	1		01/22/21 22:13	107-06-2	
1,2-Dichloroethene (Total)	0.27 U	ug/L	1.0	0.27	1		01/22/21 22:13	540-59-0	N2
1,1-Dichloroethene	0.59 U	ug/L	1.0	0.59	1		01/22/21 22:13	75-35-4	
cis-1,2-Dichloroethene	0.27 U	ug/L	1.0	0.27	1		01/22/21 22:13	156-59-2	
trans-1,2-Dichloroethene	0.23 U	ug/L	1.0	0.23	1		01/22/21 22:13	156-60-5	
1,2-Dichloropropane	0.23 U	ug/L	1.0	0.23	1		01/22/21 22:13	78-87-5	
cis-1,3-Dichloropropene	0.17 U	ug/L	1.0	0.17	1		01/22/21 22:13	10061-01-5	
trans-1,3-Dichloropropene	0.37 U	ug/L	1.0	0.37	1		01/22/21 22:13	10061-02-6	
Ethylbenzene	0.30 U	ug/L	1.0	0.30	1		01/22/21 22:13	100-41-4	
2-Hexanone	3.2 U	ug/L	25.0	3.2	1		01/22/21 22:13	591-78-6	
Iodomethane	9.3 U	ug/L	10.0	9.3	1		01/22/21 22:13	74-88-4	
Isopropylbenzene (Cumene)	2.9	ug/L	1.0	0.30	1		01/22/21 22:13	98-82-8	
Methylene Chloride	4.4 U	ug/L	5.0	4.4	1		01/22/21 22:13	75-09-2	
4-Methyl-2-pentanone (MIBK)	7.5 U	ug/L	25.0	7.5	1		01/22/21 22:13	108-10-1	
Methyl-tert-butyl ether	4.4 U	ug/L	5.0	4.4	1		01/22/21 22:13	1634-04-4	
Styrene	0.26 U	ug/L	1.0	0.26	1		01/22/21 22:13	100-42-5	
1,1,1,2-Tetrachloroethane	0.32 U	ug/L	1.0	0.32	1		01/22/21 22:13	630-20-6	
1,1,2,2-Tetrachloroethane	0.59 U	ug/L	1.0	0.59	1		01/22/21 22:13	79-34-5	
Tetrachloroethene	0.38 U	ug/L	1.0	0.38	1		01/22/21 22:13	127-18-4	
Toluene	0.33 U	ug/L	1.0	0.33	1		01/22/21 22:13	108-88-3	
1,1,1-Trichloroethane	0.30 U	ug/L	1.0	0.30	1		01/22/21 22:13	71-55-6	
1,1,2-Trichloroethane	0.30 U	ug/L	1.0	0.30	1		01/22/21 22:13	79-00-5	
Trichloroethene	0.36 U	ug/L	1.0	0.36	1		01/22/21 22:13	79-01-6	
Trichlorofluoromethane	0.35 U	ug/L	1.0	0.35	1		01/22/21 22:13	75-69-4	

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ANALYTICAL RESULTS

Project: Speedway # 6893

Pace Project No.: 35606411

Sample: MWN 01202021 **Lab ID: 35606411004** Collected: 01/20/21 11:30 Received: 01/21/21 12:17 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Ormond Beach									
1,2,3-Trichloropropane	0.53 U	ug/L	2.0	0.53	1		01/22/21 22:13	96-18-4	
1,2,4-Trimethylbenzene	0.24 U	ug/L	1.0	0.24	1		01/22/21 22:13	95-63-6	
1,3,5-Trimethylbenzene	0.24 U	ug/L	1.0	0.24	1		01/22/21 22:13	108-67-8	
Vinyl acetate	1.8 U	ug/L	10.0	1.8	1		01/22/21 22:13	108-05-4	
Vinyl chloride	0.39 U	ug/L	1.0	0.39	1		01/22/21 22:13	75-01-4	
Xylene (Total)	2.1 U	ug/L	5.0	2.1	1		01/22/21 22:13	1330-20-7	
m&p-Xylene	2.1 U	ug/L	4.0	2.1	1		01/22/21 22:13	179601-23-1	
o-Xylene	0.57 U	ug/L	1.0	0.57	1		01/22/21 22:13	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	102	%	70-130		1		01/22/21 22:13	460-00-4	
Toluene-d8 (S)	98	%	70-130		1		01/22/21 22:13	2037-26-5	
1,2-Dichlorobenzene-d4 (S)	102	%	70-130		1		01/22/21 22:13	2199-69-1	

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ANALYTICAL RESULTS

Project: Speedway # 6893

Pace Project No.: 35606411

Sample: MWO 01202021 **Lab ID: 35606411005** Collected: 01/20/21 11:31 Received: 01/21/21 12:17 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Field Data									
Analytical Method: Pace Analytical Services - Ormond Beach									
Field pH	7.02	Std. Units			1		01/25/21 11:26		
Field Temperature	26.1	deg C			1		01/25/21 11:26		
Field Specific Conductance	457	umhos/cm			1		01/25/21 11:26		
Oxygen, Dissolved	0.46	mg/L			1		01/25/21 11:26	7782-44-7	
REDOX	-232.2	mV			1		01/25/21 11:26		
Turbidity	4.00	NTU			1		01/25/21 11:26		
8011 GCS EDB and DBCP									
Analytical Method: EPA 8011 Preparation Method: EPA 8011 Pace Analytical Services - Ormond Beach									
1,2-Dibromoethane (EDB)	0.0075 U	ug/L	0.010	0.0075	1	01/22/21 16:54	01/23/21 13:48	106-93-4	
FL-PRO Water, Low Volume									
Analytical Method: FL-PRO Preparation Method: EPA 3510 Pace Analytical Services - Ormond Beach									
Petroleum Range Organics <i>Surrogates</i>	0.87 I	mg/L	0.96	0.77	1	01/22/21 17:00	01/23/21 05:46		
o-Terphenyl (S)	85	%	66-139		1	01/22/21 17:00	01/23/21 05:46	84-15-1	
N-Pentatriacontane (S)	85	%	42-159		1	01/22/21 17:00	01/23/21 05:46	630-07-09	
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3010 Pace Analytical Services - Ormond Beach									
Lead	4.6 U	ug/L	10.0	4.6	1	01/22/21 23:57	01/24/21 15:32	7439-92-1	
8270 MSSV PAHLV by SIM									
Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3510 Pace Analytical Services - Ormond Beach									
Acenaphthene	0.13 I	ug/L	0.50	0.040	1	01/24/21 22:45	01/25/21 09:42	83-32-9	
Acenaphthylene	0.030 U	ug/L	0.50	0.030	1	01/24/21 22:45	01/25/21 09:42	208-96-8	
Anthracene	0.043 U	ug/L	0.50	0.043	1	01/24/21 22:45	01/25/21 09:42	120-12-7	
Benzo(a)anthracene	0.055 U	ug/L	0.10	0.055	1	01/24/21 22:45	01/25/21 09:42	56-55-3	
Benzo(a)pyrene	0.12 U	ug/L	0.20	0.12	1	01/24/21 22:45	01/25/21 09:42	50-32-8	
Benzo(b)fluoranthene	0.027 U	ug/L	0.10	0.027	1	01/24/21 22:45	01/25/21 09:42	205-99-2	
Benzo(g,h,i)perylene	0.15 U	ug/L	0.50	0.15	1	01/24/21 22:45	01/25/21 09:42	191-24-2	
Benzo(k)fluoranthene	0.16 U	ug/L	0.50	0.16	1	01/24/21 22:45	01/25/21 09:42	207-08-9	
Chrysene	0.026 U	ug/L	0.50	0.026	1	01/24/21 22:45	01/25/21 09:42	218-01-9	
Dibenz(a,h)anthracene	0.13 U	ug/L	0.15	0.13	1	01/24/21 22:45	01/25/21 09:42	53-70-3	
Fluoranthene	0.018 U	ug/L	0.50	0.018	1	01/24/21 22:45	01/25/21 09:42	206-44-0	
Fluorene	0.11 I	ug/L	0.50	0.088	1	01/24/21 22:45	01/25/21 09:42	86-73-7	
Indeno(1,2,3-cd)pyrene	0.12 U	ug/L	0.15	0.12	1	01/24/21 22:45	01/25/21 09:42	193-39-5	
1-Methylnaphthalene	9.1	ug/L	2.0	0.19	1	01/24/21 22:45	01/25/21 09:42	90-12-0	
2-Methylnaphthalene	11.1	ug/L	2.0	0.68	1	01/24/21 22:45	01/25/21 09:42	91-57-6	
Naphthalene	0.89 I	ug/L	2.0	0.29	1	01/24/21 22:45	01/25/21 09:42	91-20-3	
Phenanthrene	0.16 U	ug/L	0.50	0.16	1	01/24/21 22:45	01/25/21 09:42	85-01-8	
Pyrene	0.032 U	ug/L	0.50	0.032	1	01/24/21 22:45	01/25/21 09:42	129-00-0	
<i>Surrogates</i>									
2-Fluorobiphenyl (S)	51	%	32-100		1	01/24/21 22:45	01/25/21 09:42	321-60-8	
p-Terphenyl-d14 (S)	83	%	48-112		1	01/24/21 22:45	01/25/21 09:42	1718-51-0	

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ANALYTICAL RESULTS

Project: Speedway # 6893

Pace Project No.: 35606411

Sample: MWO 01202021 **Lab ID: 35606411005** Collected: 01/20/21 11:31 Received: 01/21/21 12:17 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Ormond Beach									
Acetone	5.3 U	ug/L	25.0	5.3	1		01/23/21 03:12	67-64-1	
Acetonitrile	25.0 U	ug/L	50.0	25.0	1		01/23/21 03:12	75-05-8	
Benzene	0.30 U	ug/L	1.0	0.30	1		01/23/21 03:12	71-43-2	
Bromochloromethane	0.37 U	ug/L	1.0	0.37	1		01/23/21 03:12	74-97-5	
Bromodichloromethane	0.19 U	ug/L	1.0	0.19	1		01/23/21 03:12	75-27-4	
Bromoform	0.48 U	ug/L	3.0	0.48	1		01/23/21 03:12	75-25-2	
Bromomethane	8.1 U	ug/L	10.0	8.1	1		01/23/21 03:12	74-83-9	J(v2)
2-Butanone (MEK)	21.0 U	ug/L	50.0	21.0	1		01/23/21 03:12	78-93-3	
Carbon disulfide	1.8 U	ug/L	10.0	1.8	1		01/23/21 03:12	75-15-0	
Carbon tetrachloride	0.44 U	ug/L	3.0	0.44	1		01/23/21 03:12	56-23-5	
Chlorobenzene	0.35 U	ug/L	1.0	0.35	1		01/23/21 03:12	108-90-7	
Chloroethane	3.7 U	ug/L	10.0	3.7	1		01/23/21 03:12	75-00-3	
Chloroform	0.32 U	ug/L	1.0	0.32	1		01/23/21 03:12	67-66-3	
Chloromethane	0.43 U	ug/L	1.0	0.43	1		01/23/21 03:12	74-87-3	J(v2)
1,2-Dibromo-3-chloropropane	1.9 U	ug/L	5.0	1.9	1		01/23/21 03:12	96-12-8	
Dibromochloromethane	0.45 U	ug/L	2.0	0.45	1		01/23/21 03:12	124-48-1	
Dibromomethane	0.68 U	ug/L	2.0	0.68	1		01/23/21 03:12	74-95-3	
1,2-Dichlorobenzene	0.60 U	ug/L	1.0	0.60	1		01/23/21 03:12	95-50-1	
1,4-Dichlorobenzene	0.28 U	ug/L	1.0	0.28	1		01/23/21 03:12	106-46-7	
trans-1,4-Dichloro-2-butene	2.5 U	ug/L	10.0	2.5	1		01/23/21 03:12	110-57-6	J(v2)
1,1-Dichloroethane	0.34 U	ug/L	1.0	0.34	1		01/23/21 03:12	75-34-3	
1,2-Dichloroethane	0.27 U	ug/L	1.0	0.27	1		01/23/21 03:12	107-06-2	
1,2-Dichloroethene (Total)	0.27 U	ug/L	1.0	0.27	1		01/23/21 03:12	540-59-0	N2
1,1-Dichloroethene	0.59 U	ug/L	1.0	0.59	1		01/23/21 03:12	75-35-4	
cis-1,2-Dichloroethene	0.27 U	ug/L	1.0	0.27	1		01/23/21 03:12	156-59-2	
trans-1,2-Dichloroethene	0.23 U	ug/L	1.0	0.23	1		01/23/21 03:12	156-60-5	
1,2-Dichloropropane	0.23 U	ug/L	1.0	0.23	1		01/23/21 03:12	78-87-5	
cis-1,3-Dichloropropene	0.17 U	ug/L	1.0	0.17	1		01/23/21 03:12	10061-01-5	
trans-1,3-Dichloropropene	0.37 U	ug/L	1.0	0.37	1		01/23/21 03:12	10061-02-6	
Ethylbenzene	0.38 I	ug/L	1.0	0.30	1		01/23/21 03:12	100-41-4	
2-Hexanone	3.2 U	ug/L	25.0	3.2	1		01/23/21 03:12	591-78-6	
Iodomethane	9.3 U	ug/L	10.0	9.3	1		01/23/21 03:12	74-88-4	J(v2)
Isopropylbenzene (Cumene)	33.2	ug/L	1.0	0.30	1		01/23/21 03:12	98-82-8	
Methylene Chloride	4.4 U	ug/L	5.0	4.4	1		01/23/21 03:12	75-09-2	
4-Methyl-2-pentanone (MIBK)	7.5 U	ug/L	25.0	7.5	1		01/23/21 03:12	108-10-1	
Methyl-tert-butyl ether	4.4 U	ug/L	5.0	4.4	1		01/23/21 03:12	1634-04-4	
Styrene	0.26 U	ug/L	1.0	0.26	1		01/23/21 03:12	100-42-5	
1,1,1,2-Tetrachloroethane	0.32 U	ug/L	1.0	0.32	1		01/23/21 03:12	630-20-6	
1,1,2,2-Tetrachloroethane	0.59 U	ug/L	1.0	0.59	1		01/23/21 03:12	79-34-5	
Tetrachloroethene	0.38 U	ug/L	1.0	0.38	1		01/23/21 03:12	127-18-4	
Toluene	0.33 U	ug/L	1.0	0.33	1		01/23/21 03:12	108-88-3	
1,1,1-Trichloroethane	0.30 U	ug/L	1.0	0.30	1		01/23/21 03:12	71-55-6	
1,1,2-Trichloroethane	0.30 U	ug/L	1.0	0.30	1		01/23/21 03:12	79-00-5	
Trichloroethene	0.36 U	ug/L	1.0	0.36	1		01/23/21 03:12	79-01-6	
Trichlorofluoromethane	0.35 U	ug/L	1.0	0.35	1		01/23/21 03:12	75-69-4	

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ANALYTICAL RESULTS

Project: Speedway # 6893

Pace Project No.: 35606411

Sample: MWO 01202021 **Lab ID: 35606411005** Collected: 01/20/21 11:31 Received: 01/21/21 12:17 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Ormond Beach									
1,2,3-Trichloropropane	0.53 U	ug/L	2.0	0.53	1		01/23/21 03:12	96-18-4	
1,2,4-Trimethylbenzene	0.24 U	ug/L	1.0	0.24	1		01/23/21 03:12	95-63-6	
1,3,5-Trimethylbenzene	0.24 U	ug/L	1.0	0.24	1		01/23/21 03:12	108-67-8	
Vinyl acetate	1.8 U	ug/L	10.0	1.8	1		01/23/21 03:12	108-05-4	
Vinyl chloride	0.39 U	ug/L	1.0	0.39	1		01/23/21 03:12	75-01-4	
Xylene (Total)	2.1 U	ug/L	5.0	2.1	1		01/23/21 03:12	1330-20-7	
m&p-Xylene	2.1 U	ug/L	4.0	2.1	1		01/23/21 03:12	179601-23-1	
o-Xylene	0.69 I	ug/L	1.0	0.57	1		01/23/21 03:12	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	100	%	70-130		1		01/23/21 03:12	460-00-4	
Toluene-d8 (S)	100	%	70-130		1		01/23/21 03:12	2037-26-5	
1,2-Dichlorobenzene-d4 (S)	105	%	70-130		1		01/23/21 03:12	2199-69-1	

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ANALYTICAL RESULTS

Project: Speedway # 6893

Pace Project No.: 35606411

Sample: CW7 01202021 **Lab ID: 35606411006** Collected: 01/20/21 12:05 Received: 01/21/21 12:17 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Field Data									
Analytical Method: Pace Analytical Services - Ormond Beach									
Field pH	6.69	Std. Units			1		01/25/21 09:21		
Field Temperature	25.7	deg C			1		01/25/21 09:21		
Field Specific Conductance	785	umhos/cm			1		01/25/21 09:21		
Oxygen, Dissolved	0.41	mg/L			1		01/25/21 09:21	7782-44-7	
REDOX	-24.0	mV			1		01/25/21 09:21		
Turbidity	4.39	NTU			1		01/25/21 09:21		
8011 GCS EDB and DBCP									
Analytical Method: EPA 8011 Preparation Method: EPA 8011 Pace Analytical Services - Ormond Beach									
1,2-Dibromoethane (EDB)	0.0074 U	ug/L	0.0099	0.0074	1	01/22/21 16:54	01/23/21 14:03	106-93-4	
FL-PRO Water, Low Volume									
Analytical Method: FL-PRO Preparation Method: EPA 3510 Pace Analytical Services - Ormond Beach									
Petroleum Range Organics	2.2	mg/L	0.98	0.78	1	01/22/21 17:00	01/23/21 06:00		
Surrogates									
o-Terphenyl (S)	85	%	66-139		1	01/22/21 17:00	01/23/21 06:00	84-15-1	
N-Pentatriacontane (S)	89	%	42-159		1	01/22/21 17:00	01/23/21 06:00	630-07-09	
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3010 Pace Analytical Services - Ormond Beach									
Lead	4.6 U	ug/L	10.0	4.6	1	01/22/21 23:57	01/24/21 16:07	7439-92-1	
8270 MSSV PAHLV by SIM									
Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3510 Pace Analytical Services - Ormond Beach									
Acenaphthene	0.46 I	ug/L	0.50	0.040	1	01/24/21 22:45	01/25/21 10:02	83-32-9	
Acenaphthylene	0.030 U	ug/L	0.50	0.030	1	01/24/21 22:45	01/25/21 10:02	208-96-8	
Anthracene	0.077 I	ug/L	0.50	0.043	1	01/24/21 22:45	01/25/21 10:02	120-12-7	
Benzo(a)anthracene	0.055 U	ug/L	0.10	0.055	1	01/24/21 22:45	01/25/21 10:02	56-55-3	
Benzo(a)pyrene	0.12 U	ug/L	0.20	0.12	1	01/24/21 22:45	01/25/21 10:02	50-32-8	
Benzo(b)fluoranthene	0.027 U	ug/L	0.10	0.027	1	01/24/21 22:45	01/25/21 10:02	205-99-2	
Benzo(g,h,i)perylene	0.15 U	ug/L	0.50	0.15	1	01/24/21 22:45	01/25/21 10:02	191-24-2	
Benzo(k)fluoranthene	0.16 U	ug/L	0.50	0.16	1	01/24/21 22:45	01/25/21 10:02	207-08-9	
Chrysene	0.026 U	ug/L	0.50	0.026	1	01/24/21 22:45	01/25/21 10:02	218-01-9	
Dibenz(a,h)anthracene	0.13 U	ug/L	0.15	0.13	1	01/24/21 22:45	01/25/21 10:02	53-70-3	
Fluoranthene	0.020 I	ug/L	0.50	0.018	1	01/24/21 22:45	01/25/21 10:02	206-44-0	
Fluorene	0.55	ug/L	0.50	0.088	1	01/24/21 22:45	01/25/21 10:02	86-73-7	
Indeno(1,2,3-cd)pyrene	0.12 U	ug/L	0.15	0.12	1	01/24/21 22:45	01/25/21 10:02	193-39-5	
1-Methylnaphthalene	73.1	ug/L	2.0	0.19	1	01/24/21 22:45	01/25/21 10:02	90-12-0	
2-Methylnaphthalene	123	ug/L	2.0	0.68	1	01/24/21 22:45	01/25/21 10:02	91-57-6	
Naphthalene	14.5	ug/L	2.0	0.29	1	01/24/21 22:45	01/25/21 10:02	91-20-3	
Phenanthrene	0.34 I	ug/L	0.50	0.16	1	01/24/21 22:45	01/25/21 10:02	85-01-8	
Pyrene	0.032 U	ug/L	0.50	0.032	1	01/24/21 22:45	01/25/21 10:02	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	55	%	32-100		1	01/24/21 22:45	01/25/21 10:02	321-60-8	
p-Terphenyl-d14 (S)	89	%	48-112		1	01/24/21 22:45	01/25/21 10:02	1718-51-0	

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ANALYTICAL RESULTS

Project: Speedway # 6893

Pace Project No.: 35606411

Sample: **CW7 01202021** Lab ID: **35606411006** Collected: 01/20/21 12:05 Received: 01/21/21 12:17 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Ormond Beach									
Acetone	5.3 U	ug/L	25.0	5.3	1		01/23/21 04:06	67-64-1	
Acetonitrile	25.0 U	ug/L	50.0	25.0	1		01/23/21 04:06	75-05-8	
Benzene	3.5	ug/L	1.0	0.30	1		01/23/21 04:06	71-43-2	
Bromochloromethane	0.37 U	ug/L	1.0	0.37	1		01/23/21 04:06	74-97-5	
Bromodichloromethane	0.19 U	ug/L	1.0	0.19	1		01/23/21 04:06	75-27-4	
Bromoform	0.48 U	ug/L	3.0	0.48	1		01/23/21 04:06	75-25-2	
Bromomethane	8.1 U	ug/L	10.0	8.1	1		01/23/21 04:06	74-83-9	J(v2)
2-Butanone (MEK)	21.0 U	ug/L	50.0	21.0	1		01/23/21 04:06	78-93-3	
Carbon disulfide	1.8 U	ug/L	10.0	1.8	1		01/23/21 04:06	75-15-0	J(M1)
Carbon tetrachloride	0.44 U	ug/L	3.0	0.44	1		01/23/21 04:06	56-23-5	J(M1)
Chlorobenzene	1.9	ug/L	1.0	0.35	1		01/23/21 04:06	108-90-7	J(M1)
Chloroethane	3.7 U	ug/L	10.0	3.7	1		01/23/21 04:06	75-00-3	
Chloroform	0.32 U	ug/L	1.0	0.32	1		01/23/21 04:06	67-66-3	
Chloromethane	0.43 U	ug/L	1.0	0.43	1		01/23/21 04:06	74-87-3	J(v2)
1,2-Dibromo-3-chloropropane	1.9 U	ug/L	5.0	1.9	1		01/23/21 04:06	96-12-8	
Dibromochloromethane	0.45 U	ug/L	2.0	0.45	1		01/23/21 04:06	124-48-1	
Dibromomethane	0.68 U	ug/L	2.0	0.68	1		01/23/21 04:06	74-95-3	
1,2-Dichlorobenzene	0.60 U	ug/L	1.0	0.60	1		01/23/21 04:06	95-50-1	J(M1)
1,4-Dichlorobenzene	0.53 I	ug/L	1.0	0.28	1		01/23/21 04:06	106-46-7	J(M1)
trans-1,4-Dichloro-2-butene	2.5 U	ug/L	10.0	2.5	1		01/23/21 04:06	110-57-6	J(v2)
1,1-Dichloroethane	0.34 U	ug/L	1.0	0.34	1		01/23/21 04:06	75-34-3	
1,2-Dichloroethane	0.27 U	ug/L	1.0	0.27	1		01/23/21 04:06	107-06-2	
1,2-Dichloroethene (Total)	0.27 U	ug/L	1.0	0.27	1		01/23/21 04:06	540-59-0	N2
1,1-Dichloroethene	0.59 U	ug/L	1.0	0.59	1		01/23/21 04:06	75-35-4	
cis-1,2-Dichloroethene	0.27 U	ug/L	1.0	0.27	1		01/23/21 04:06	156-59-2	
trans-1,2-Dichloroethene	0.23 U	ug/L	1.0	0.23	1		01/23/21 04:06	156-60-5	J(M1)
1,2-Dichloropropane	0.23 U	ug/L	1.0	0.23	1		01/23/21 04:06	78-87-5	
cis-1,3-Dichloropropene	0.17 U	ug/L	1.0	0.17	1		01/23/21 04:06	10061-01-5	
trans-1,3-Dichloropropene	0.37 U	ug/L	1.0	0.37	1		01/23/21 04:06	10061-02-6	J(M1)
Ethylbenzene	60.9	ug/L	1.0	0.30	1		01/23/21 04:06	100-41-4	J(M1)
2-Hexanone	3.2 U	ug/L	25.0	3.2	1		01/23/21 04:06	591-78-6	
Iodomethane	9.3 U	ug/L	10.0	9.3	1		01/23/21 04:06	74-88-4	J(v2)
Isopropylbenzene (Cumene)	225	ug/L	10.0	3.0	10		01/26/21 17:20	98-82-8	
Methylene Chloride	4.4 U	ug/L	5.0	4.4	1		01/23/21 04:06	75-09-2	
4-Methyl-2-pentanone (MIBK)	7.5 U	ug/L	25.0	7.5	1		01/23/21 04:06	108-10-1	
Methyl-tert-butyl ether	4.4 U	ug/L	5.0	4.4	1		01/23/21 04:06	1634-04-4	
Styrene	0.26 U	ug/L	1.0	0.26	1		01/23/21 04:06	100-42-5	J(M1)
1,1,1,2-Tetrachloroethane	0.32 U	ug/L	1.0	0.32	1		01/23/21 04:06	630-20-6	
1,1,2,2-Tetrachloroethane	0.59 U	ug/L	1.0	0.59	1		01/23/21 04:06	79-34-5	
Tetrachloroethene	0.38 U	ug/L	1.0	0.38	1		01/23/21 04:06	127-18-4	J(M1)
Toluene	1.7	ug/L	1.0	0.33	1		01/23/21 04:06	108-88-3	J(M1)
1,1,1-Trichloroethane	0.30 U	ug/L	1.0	0.30	1		01/23/21 04:06	71-55-6	
1,1,2-Trichloroethane	0.30 U	ug/L	1.0	0.30	1		01/23/21 04:06	79-00-5	
Trichloroethene	0.36 U	ug/L	1.0	0.36	1		01/23/21 04:06	79-01-6	J(M1)
Trichlorofluoromethane	0.35 U	ug/L	1.0	0.35	1		01/23/21 04:06	75-69-4	

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ANALYTICAL RESULTS

Project: Speedway # 6893

Pace Project No.: 35606411

Sample: CW7 01202021 **Lab ID: 35606411006** Collected: 01/20/21 12:05 Received: 01/21/21 12:17 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Ormond Beach									
1,2,3-Trichloropropane	0.53 U	ug/L	2.0	0.53	1		01/23/21 04:06	96-18-4	
1,2,4-Trimethylbenzene	36.5	ug/L	1.0	0.24	1		01/23/21 04:06	95-63-6	J(M1)
1,3,5-Trimethylbenzene	0.24 U	ug/L	1.0	0.24	1		01/23/21 04:06	108-67-8	
Vinyl acetate	1.8 U	ug/L	10.0	1.8	1		01/23/21 04:06	108-05-4	
Vinyl chloride	0.39 U	ug/L	1.0	0.39	1		01/23/21 04:06	75-01-4	
Xylene (Total)	17.3	ug/L	5.0	2.1	1		01/23/21 04:06	1330-20-7	MS
m&p-Xylene	17.3	ug/L	4.0	2.1	1		01/23/21 04:06	179601-23-1	J(M1)
o-Xylene	0.57 U	ug/L	1.0	0.57	1		01/23/21 04:06	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	102	%	70-130		1		01/23/21 04:06	460-00-4	
Toluene-d8 (S)	95	%	70-130		1		01/23/21 04:06	2037-26-5	
1,2-Dichlorobenzene-d4 (S)	101	%	70-130		1		01/23/21 04:06	2199-69-1	

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ANALYTICAL RESULTS

Project: Speedway # 6893

Pace Project No.: 35606411

Sample: MWF 01202021 **Lab ID: 35606411007** Collected: 01/20/21 12:39 Received: 01/21/21 12:17 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Field Data									
Analytical Method: Pace Analytical Services - Ormond Beach									
Field pH	7.01	Std. Units			1		01/25/21 11:27		
Field Temperature	25.6	deg C			1		01/25/21 11:27		
Field Specific Conductance	391	umhos/cm			1		01/25/21 11:27		
Oxygen, Dissolved	0.63	mg/L			1		01/25/21 11:27	7782-44-7	
REDOX	-126.0	mV			1		01/25/21 11:27		
Turbidity	3.34	NTU			1		01/25/21 11:27		
8011 GCS EDB and DBCP									
Analytical Method: EPA 8011 Preparation Method: EPA 8011 Pace Analytical Services - Ormond Beach									
1,2-Dibromoethane (EDB)	0.0076 U	ug/L	0.010	0.0076	1	01/22/21 16:54	01/23/21 14:18	106-93-4	
FL-PRO Water, Low Volume									
Analytical Method: FL-PRO Preparation Method: EPA 3510 Pace Analytical Services - Ormond Beach									
Petroleum Range Organics <i>Surrogates</i>	0.75 U	mg/L	0.93	0.75	1	01/22/21 17:00	01/23/21 06:26		
o-Terphenyl (S)	80	%	66-139		1	01/22/21 17:00	01/23/21 06:26	84-15-1	
N-Pentatriacontane (S)	86	%	42-159		1	01/22/21 17:00	01/23/21 06:26	630-07-09	
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3010 Pace Analytical Services - Ormond Beach									
Lead	4.6 U	ug/L	10.0	4.6	1	01/22/21 23:57	01/24/21 16:10	7439-92-1	
8270 MSSV PAHLV by SIM									
Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3510 Pace Analytical Services - Ormond Beach									
Acenaphthene	0.040 U	ug/L	0.50	0.040	1	01/24/21 22:45	01/25/21 10:23	83-32-9	
Acenaphthylene	0.030 U	ug/L	0.50	0.030	1	01/24/21 22:45	01/25/21 10:23	208-96-8	
Anthracene	0.043 U	ug/L	0.50	0.043	1	01/24/21 22:45	01/25/21 10:23	120-12-7	
Benzo(a)anthracene	0.055 U	ug/L	0.10	0.055	1	01/24/21 22:45	01/25/21 10:23	56-55-3	
Benzo(a)pyrene	0.12 U	ug/L	0.20	0.12	1	01/24/21 22:45	01/25/21 10:23	50-32-8	
Benzo(b)fluoranthene	0.027 U	ug/L	0.10	0.027	1	01/24/21 22:45	01/25/21 10:23	205-99-2	
Benzo(g,h,i)perylene	0.15 U	ug/L	0.50	0.15	1	01/24/21 22:45	01/25/21 10:23	191-24-2	
Benzo(k)fluoranthene	0.16 U	ug/L	0.50	0.16	1	01/24/21 22:45	01/25/21 10:23	207-08-9	
Chrysene	0.026 U	ug/L	0.50	0.026	1	01/24/21 22:45	01/25/21 10:23	218-01-9	
Dibenz(a,h)anthracene	0.13 U	ug/L	0.15	0.13	1	01/24/21 22:45	01/25/21 10:23	53-70-3	
Fluoranthene	0.018 U	ug/L	0.50	0.018	1	01/24/21 22:45	01/25/21 10:23	206-44-0	
Fluorene	0.088 U	ug/L	0.50	0.088	1	01/24/21 22:45	01/25/21 10:23	86-73-7	
Indeno(1,2,3-cd)pyrene	0.12 U	ug/L	0.15	0.12	1	01/24/21 22:45	01/25/21 10:23	193-39-5	
1-Methylnaphthalene	0.19 U	ug/L	2.0	0.19	1	01/24/21 22:45	01/25/21 10:23	90-12-0	
2-Methylnaphthalene	0.68 U	ug/L	2.0	0.68	1	01/24/21 22:45	01/25/21 10:23	91-57-6	
Naphthalene	0.29 U	ug/L	2.0	0.29	1	01/24/21 22:45	01/25/21 10:23	91-20-3	
Phenanthrene	0.16 U	ug/L	0.50	0.16	1	01/24/21 22:45	01/25/21 10:23	85-01-8	
Pyrene	0.032 U	ug/L	0.50	0.032	1	01/24/21 22:45	01/25/21 10:23	129-00-0	
<i>Surrogates</i>									
2-Fluorobiphenyl (S)	59	%	32-100		1	01/24/21 22:45	01/25/21 10:23	321-60-8	
p-Terphenyl-d14 (S)	91	%	48-112		1	01/24/21 22:45	01/25/21 10:23	1718-51-0	

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ANALYTICAL RESULTS

Project: Speedway # 6893

Pace Project No.: 35606411

Sample: MWF 01202021 **Lab ID: 35606411007** Collected: 01/20/21 12:39 Received: 01/21/21 12:17 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Ormond Beach									
Acetone	5.3 U	ug/L	25.0	5.3	1		01/23/21 05:00	67-64-1	
Acetonitrile	25.0 U	ug/L	50.0	25.0	1		01/23/21 05:00	75-05-8	
Benzene	0.30 U	ug/L	1.0	0.30	1		01/23/21 05:00	71-43-2	
Bromochloromethane	0.37 U	ug/L	1.0	0.37	1		01/23/21 05:00	74-97-5	
Bromodichloromethane	0.19 U	ug/L	1.0	0.19	1		01/23/21 05:00	75-27-4	
Bromoform	0.48 U	ug/L	3.0	0.48	1		01/23/21 05:00	75-25-2	
Bromomethane	8.1 U	ug/L	10.0	8.1	1		01/23/21 05:00	74-83-9	J(v2)
2-Butanone (MEK)	21.0 U	ug/L	50.0	21.0	1		01/23/21 05:00	78-93-3	
Carbon disulfide	1.8 U	ug/L	10.0	1.8	1		01/23/21 05:00	75-15-0	
Carbon tetrachloride	0.44 U	ug/L	3.0	0.44	1		01/23/21 05:00	56-23-5	
Chlorobenzene	0.35 U	ug/L	1.0	0.35	1		01/23/21 05:00	108-90-7	
Chloroethane	3.7 U	ug/L	10.0	3.7	1		01/23/21 05:00	75-00-3	
Chloroform	0.32 U	ug/L	1.0	0.32	1		01/23/21 05:00	67-66-3	
Chloromethane	0.43 U	ug/L	1.0	0.43	1		01/23/21 05:00	74-87-3	J(v2)
1,2-Dibromo-3-chloropropane	1.9 U	ug/L	5.0	1.9	1		01/23/21 05:00	96-12-8	
Dibromochloromethane	0.45 U	ug/L	2.0	0.45	1		01/23/21 05:00	124-48-1	
Dibromomethane	0.68 U	ug/L	2.0	0.68	1		01/23/21 05:00	74-95-3	
1,2-Dichlorobenzene	0.60 U	ug/L	1.0	0.60	1		01/23/21 05:00	95-50-1	
1,4-Dichlorobenzene	0.28 U	ug/L	1.0	0.28	1		01/23/21 05:00	106-46-7	
trans-1,4-Dichloro-2-butene	2.5 U	ug/L	10.0	2.5	1		01/23/21 05:00	110-57-6	J(v2)
1,1-Dichloroethane	0.34 U	ug/L	1.0	0.34	1		01/23/21 05:00	75-34-3	
1,2-Dichloroethane	0.27 U	ug/L	1.0	0.27	1		01/23/21 05:00	107-06-2	
1,2-Dichloroethene (Total)	0.27 U	ug/L	1.0	0.27	1		01/23/21 05:00	540-59-0	N2
1,1-Dichloroethene	0.59 U	ug/L	1.0	0.59	1		01/23/21 05:00	75-35-4	
cis-1,2-Dichloroethene	0.27 U	ug/L	1.0	0.27	1		01/23/21 05:00	156-59-2	
trans-1,2-Dichloroethene	0.23 U	ug/L	1.0	0.23	1		01/23/21 05:00	156-60-5	
1,2-Dichloropropane	0.23 U	ug/L	1.0	0.23	1		01/23/21 05:00	78-87-5	
cis-1,3-Dichloropropene	0.17 U	ug/L	1.0	0.17	1		01/23/21 05:00	10061-01-5	
trans-1,3-Dichloropropene	0.37 U	ug/L	1.0	0.37	1		01/23/21 05:00	10061-02-6	
Ethylbenzene	0.30 U	ug/L	1.0	0.30	1		01/23/21 05:00	100-41-4	
2-Hexanone	3.2 U	ug/L	25.0	3.2	1		01/23/21 05:00	591-78-6	
Iodomethane	9.3 U	ug/L	10.0	9.3	1		01/23/21 05:00	74-88-4	J(v2)
Isopropylbenzene (Cumene)	0.30 U	ug/L	1.0	0.30	1		01/23/21 05:00	98-82-8	
Methylene Chloride	4.4 U	ug/L	5.0	4.4	1		01/23/21 05:00	75-09-2	
4-Methyl-2-pentanone (MIBK)	7.5 U	ug/L	25.0	7.5	1		01/23/21 05:00	108-10-1	
Methyl-tert-butyl ether	4.4 U	ug/L	5.0	4.4	1		01/23/21 05:00	1634-04-4	
Styrene	0.26 U	ug/L	1.0	0.26	1		01/23/21 05:00	100-42-5	
1,1,1,2-Tetrachloroethane	0.32 U	ug/L	1.0	0.32	1		01/23/21 05:00	630-20-6	
1,1,2,2-Tetrachloroethane	0.59 U	ug/L	1.0	0.59	1		01/23/21 05:00	79-34-5	
Tetrachloroethene	0.38 U	ug/L	1.0	0.38	1		01/23/21 05:00	127-18-4	
Toluene	0.33 U	ug/L	1.0	0.33	1		01/23/21 05:00	108-88-3	
1,1,1-Trichloroethane	0.30 U	ug/L	1.0	0.30	1		01/23/21 05:00	71-55-6	
1,1,2-Trichloroethane	0.30 U	ug/L	1.0	0.30	1		01/23/21 05:00	79-00-5	
Trichloroethene	0.36 U	ug/L	1.0	0.36	1		01/23/21 05:00	79-01-6	
Trichlorofluoromethane	0.35 U	ug/L	1.0	0.35	1		01/23/21 05:00	75-69-4	

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ANALYTICAL RESULTS

Project: Speedway # 6893

Pace Project No.: 35606411

Sample: MWF 01202021 **Lab ID: 35606411007** Collected: 01/20/21 12:39 Received: 01/21/21 12:17 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Ormond Beach									
1,2,3-Trichloropropane	0.53 U	ug/L	2.0	0.53	1		01/23/21 05:00	96-18-4	
1,2,4-Trimethylbenzene	0.24 U	ug/L	1.0	0.24	1		01/23/21 05:00	95-63-6	
1,3,5-Trimethylbenzene	0.24 U	ug/L	1.0	0.24	1		01/23/21 05:00	108-67-8	
Vinyl acetate	1.8 U	ug/L	10.0	1.8	1		01/23/21 05:00	108-05-4	
Vinyl chloride	0.39 U	ug/L	1.0	0.39	1		01/23/21 05:00	75-01-4	
Xylene (Total)	2.1 U	ug/L	5.0	2.1	1		01/23/21 05:00	1330-20-7	
m&p-Xylene	2.1 U	ug/L	4.0	2.1	1		01/23/21 05:00	179601-23-1	
o-Xylene	0.57 U	ug/L	1.0	0.57	1		01/23/21 05:00	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	102	%	70-130		1		01/23/21 05:00	460-00-4	
Toluene-d8 (S)	98	%	70-130		1		01/23/21 05:00	2037-26-5	
1,2-Dichlorobenzene-d4 (S)	101	%	70-130		1		01/23/21 05:00	2199-69-1	

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ANALYTICAL RESULTS

Project: Speedway # 6893

Pace Project No.: 35606411

Sample: **CW12 01202021** Lab ID: **35606411008** Collected: 01/20/21 12:48 Received: 01/21/21 12:17 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Field Data									
Analytical Method: Pace Analytical Services - Ormond Beach									
Field pH	7.10	Std. Units			1		01/25/21 09:21		
Field Temperature	28.5	deg C			1		01/25/21 09:21		
Field Specific Conductance	1374	umhos/cm			1		01/25/21 09:21		
Oxygen, Dissolved	0.61	mg/L			1		01/25/21 09:21	7782-44-7	
REDOX	-236.9	mV			1		01/25/21 09:21		
Turbidity	2.51	NTU			1		01/25/21 09:21		
8011 GCS EDB and DBCP									
Analytical Method: EPA 8011 Preparation Method: EPA 8011 Pace Analytical Services - Ormond Beach									
1,2-Dibromoethane (EDB)	0.0076 U	ug/L	0.010	0.0076	1	01/22/21 16:54	01/23/21 14:33	106-93-4	
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3010 Pace Analytical Services - Ormond Beach									
Lead	4.6 U	ug/L	10.0	4.6	1	01/22/21 23:57	01/24/21 16:13	7439-92-1	
8260 MSV									
Analytical Method: EPA 8260 Pace Analytical Services - Ormond Beach									
Acetone	5.3 U	ug/L	25.0	5.3	1		01/23/21 05:27	67-64-1	
Acetonitrile	25.0 U	ug/L	50.0	25.0	1		01/23/21 05:27	75-05-8	
Benzene	0.30 U	ug/L	1.0	0.30	1		01/23/21 05:27	71-43-2	
Bromochloromethane	0.37 U	ug/L	1.0	0.37	1		01/23/21 05:27	74-97-5	
Bromodichloromethane	0.19 U	ug/L	1.0	0.19	1		01/23/21 05:27	75-27-4	
Bromoform	0.48 U	ug/L	3.0	0.48	1		01/23/21 05:27	75-25-2	
Bromomethane	8.1 U	ug/L	10.0	8.1	1		01/23/21 05:27	74-83-9	J(v2)
2-Butanone (MEK)	21.0 U	ug/L	50.0	21.0	1		01/23/21 05:27	78-93-3	
Carbon disulfide	1.8 U	ug/L	10.0	1.8	1		01/23/21 05:27	75-15-0	
Carbon tetrachloride	0.44 U	ug/L	3.0	0.44	1		01/23/21 05:27	56-23-5	
Chlorobenzene	0.35 U	ug/L	1.0	0.35	1		01/23/21 05:27	108-90-7	
Chloroethane	3.7 U	ug/L	10.0	3.7	1		01/23/21 05:27	75-00-3	
Chloroform	0.32 U	ug/L	1.0	0.32	1		01/23/21 05:27	67-66-3	
Chloromethane	0.43 U	ug/L	1.0	0.43	1		01/23/21 05:27	74-87-3	J(v2)
1,2-Dibromo-3-chloropropane	1.9 U	ug/L	5.0	1.9	1		01/23/21 05:27	96-12-8	
Dibromochloromethane	0.45 U	ug/L	2.0	0.45	1		01/23/21 05:27	124-48-1	
Dibromomethane	0.68 U	ug/L	2.0	0.68	1		01/23/21 05:27	74-95-3	
1,2-Dichlorobenzene	0.60 U	ug/L	1.0	0.60	1		01/23/21 05:27	95-50-1	
1,4-Dichlorobenzene	0.28 U	ug/L	1.0	0.28	1		01/23/21 05:27	106-46-7	
trans-1,4-Dichloro-2-butene	2.5 U	ug/L	10.0	2.5	1		01/23/21 05:27	110-57-6	J(v2)
1,1-Dichloroethane	0.34 U	ug/L	1.0	0.34	1		01/23/21 05:27	75-34-3	
1,2-Dichloroethane	0.27 U	ug/L	1.0	0.27	1		01/23/21 05:27	107-06-2	
1,2-Dichloroethene (Total)	0.27 U	ug/L	1.0	0.27	1		01/23/21 05:27	540-59-0	N2
1,1-Dichloroethene	0.59 U	ug/L	1.0	0.59	1		01/23/21 05:27	75-35-4	
cis-1,2-Dichloroethene	0.27 U	ug/L	1.0	0.27	1		01/23/21 05:27	156-59-2	
trans-1,2-Dichloroethene	0.23 U	ug/L	1.0	0.23	1		01/23/21 05:27	156-60-5	
1,2-Dichloropropane	0.23 U	ug/L	1.0	0.23	1		01/23/21 05:27	78-87-5	
cis-1,3-Dichloropropene	0.17 U	ug/L	1.0	0.17	1		01/23/21 05:27	10061-01-5	

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ANALYTICAL RESULTS

Project: Speedway # 6893

Pace Project No.: 35606411

Sample: CW12 01202021 Lab ID: 35606411008 Collected: 01/20/21 12:48 Received: 01/21/21 12:17 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Ormond Beach									
trans-1,3-Dichloropropene	0.37 U	ug/L	1.0	0.37	1		01/23/21 05:27	10061-02-6	
Ethylbenzene	0.30 U	ug/L	1.0	0.30	1		01/23/21 05:27	100-41-4	
2-Hexanone	3.2 U	ug/L	25.0	3.2	1		01/23/21 05:27	591-78-6	
Iodomethane	9.3 U	ug/L	10.0	9.3	1		01/23/21 05:27	74-88-4	J(v2)
Isopropylbenzene (Cumene)	3.0	ug/L	1.0	0.30	1		01/23/21 05:27	98-82-8	
Methylene Chloride	4.4 U	ug/L	5.0	4.4	1		01/23/21 05:27	75-09-2	
4-Methyl-2-pentanone (MIBK)	7.5 U	ug/L	25.0	7.5	1		01/23/21 05:27	108-10-1	
Methyl-tert-butyl ether	4.4 U	ug/L	5.0	4.4	1		01/23/21 05:27	1634-04-4	
Styrene	0.26 U	ug/L	1.0	0.26	1		01/23/21 05:27	100-42-5	
1,1,1,2-Tetrachloroethane	0.32 U	ug/L	1.0	0.32	1		01/23/21 05:27	630-20-6	
1,1,2,2-Tetrachloroethane	0.59 U	ug/L	1.0	0.59	1		01/23/21 05:27	79-34-5	
Tetrachloroethene	0.38 U	ug/L	1.0	0.38	1		01/23/21 05:27	127-18-4	
Toluene	0.33 U	ug/L	1.0	0.33	1		01/23/21 05:27	108-88-3	
1,1,1-Trichloroethane	0.30 U	ug/L	1.0	0.30	1		01/23/21 05:27	71-55-6	
1,1,2-Trichloroethane	0.30 U	ug/L	1.0	0.30	1		01/23/21 05:27	79-00-5	
Trichloroethene	0.36 U	ug/L	1.0	0.36	1		01/23/21 05:27	79-01-6	
Trichlorofluoromethane	0.35 U	ug/L	1.0	0.35	1		01/23/21 05:27	75-69-4	
1,2,3-Trichloropropane	0.53 U	ug/L	2.0	0.53	1		01/23/21 05:27	96-18-4	
1,2,4-Trimethylbenzene	0.24 U	ug/L	1.0	0.24	1		01/23/21 05:27	95-63-6	
1,3,5-Trimethylbenzene	0.24 U	ug/L	1.0	0.24	1		01/23/21 05:27	108-67-8	
Vinyl acetate	1.8 U	ug/L	10.0	1.8	1		01/23/21 05:27	108-05-4	
Vinyl chloride	0.39 U	ug/L	1.0	0.39	1		01/23/21 05:27	75-01-4	
Xylene (Total)	2.1 U	ug/L	5.0	2.1	1		01/23/21 05:27	1330-20-7	
m&p-Xylene	2.1 U	ug/L	4.0	2.1	1		01/23/21 05:27	179601-23-1	
o-Xylene	0.57 U	ug/L	1.0	0.57	1		01/23/21 05:27	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	102	%	70-130		1		01/23/21 05:27	460-00-4	
Toluene-d8 (S)	94	%	70-130		1		01/23/21 05:27	2037-26-5	
1,2-Dichlorobenzene-d4 (S)	101	%	70-130		1		01/23/21 05:27	2199-69-1	

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ANALYTICAL RESULTS

Project: Speedway # 6893

Pace Project No.: 35606411

Sample: MWK 01202021 **Lab ID: 35606411009** Collected: 01/20/21 13:26 Received: 01/21/21 12:17 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Field Data									
Analytical Method: Pace Analytical Services - Ormond Beach									
Field pH	7.16	Std. Units			1		01/25/21 09:22		
Field Temperature	27.0	deg C			1		01/25/21 09:22		
Field Specific Conductance	1789	umhos/cm			1		01/25/21 09:22		
Oxygen, Dissolved	0.85	mg/L			1		01/25/21 09:22	7782-44-7	
REDOX	-257.5	mV			1		01/25/21 09:22		
Turbidity	1.41	NTU			1		01/25/21 09:22		
8011 GCS EDB and DBCP									
Analytical Method: EPA 8011 Preparation Method: EPA 8011 Pace Analytical Services - Ormond Beach									
1,2-Dibromoethane (EDB)	0.0075 U	ug/L	0.0099	0.0075	1	01/22/21 16:54	01/23/21 14:48	106-93-4	
FL-PRO Water, Low Volume									
Analytical Method: FL-PRO Preparation Method: EPA 3510 Pace Analytical Services - Ormond Beach									
Petroleum Range Organics <i>Surrogates</i>	0.74 U	mg/L	0.93	0.74	1	01/22/21 17:00	01/23/21 05:15		
o-Terphenyl (S)	89	%	66-139		1	01/22/21 17:00	01/23/21 05:15	84-15-1	
N-Pentatriacontane (S)	89	%	42-159		1	01/22/21 17:00	01/23/21 05:15	630-07-09	
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3010 Pace Analytical Services - Ormond Beach									
Lead	4.6 U	ug/L	10.0	4.6	1	01/22/21 23:57	01/24/21 16:16	7439-92-1	
8270 MSSV PAHLV by SIM									
Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3510 Pace Analytical Services - Ormond Beach									
Acenaphthene	0.040 U	ug/L	0.50	0.040	1	01/24/21 22:45	01/25/21 10:44	83-32-9	
Acenaphthylene	0.030 U	ug/L	0.50	0.030	1	01/24/21 22:45	01/25/21 10:44	208-96-8	
Anthracene	0.043 U	ug/L	0.50	0.043	1	01/24/21 22:45	01/25/21 10:44	120-12-7	
Benzo(a)anthracene	0.055 U	ug/L	0.10	0.055	1	01/24/21 22:45	01/25/21 10:44	56-55-3	
Benzo(a)pyrene	0.12 U	ug/L	0.20	0.12	1	01/24/21 22:45	01/25/21 10:44	50-32-8	
Benzo(b)fluoranthene	0.027 U	ug/L	0.10	0.027	1	01/24/21 22:45	01/25/21 10:44	205-99-2	
Benzo(g,h,i)perylene	0.15 U	ug/L	0.50	0.15	1	01/24/21 22:45	01/25/21 10:44	191-24-2	
Benzo(k)fluoranthene	0.16 U	ug/L	0.50	0.16	1	01/24/21 22:45	01/25/21 10:44	207-08-9	
Chrysene	0.026 U	ug/L	0.50	0.026	1	01/24/21 22:45	01/25/21 10:44	218-01-9	
Dibenz(a,h)anthracene	0.13 U	ug/L	0.15	0.13	1	01/24/21 22:45	01/25/21 10:44	53-70-3	
Fluoranthene	0.018 U	ug/L	0.50	0.018	1	01/24/21 22:45	01/25/21 10:44	206-44-0	
Fluorene	0.088 U	ug/L	0.50	0.088	1	01/24/21 22:45	01/25/21 10:44	86-73-7	
Indeno(1,2,3-cd)pyrene	0.12 U	ug/L	0.15	0.12	1	01/24/21 22:45	01/25/21 10:44	193-39-5	
1-Methylnaphthalene	0.19 U	ug/L	2.0	0.19	1	01/24/21 22:45	01/25/21 10:44	90-12-0	
2-Methylnaphthalene	0.68 U	ug/L	2.0	0.68	1	01/24/21 22:45	01/25/21 10:44	91-57-6	
Naphthalene	0.29 U	ug/L	2.0	0.29	1	01/24/21 22:45	01/25/21 10:44	91-20-3	
Phenanthrene	0.16 U	ug/L	0.50	0.16	1	01/24/21 22:45	01/25/21 10:44	85-01-8	
Pyrene	0.032 U	ug/L	0.50	0.032	1	01/24/21 22:45	01/25/21 10:44	129-00-0	
<i>Surrogates</i>									
2-Fluorobiphenyl (S)	49	%	32-100		1	01/24/21 22:45	01/25/21 10:44	321-60-8	
p-Terphenyl-d14 (S)	89	%	48-112		1	01/24/21 22:45	01/25/21 10:44	1718-51-0	

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ANALYTICAL RESULTS

Project: Speedway # 6893

Pace Project No.: 35606411

Sample: **MWK 01202021** Lab ID: **35606411009** Collected: 01/20/21 13:26 Received: 01/21/21 12:17 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Ormond Beach									
Acetone	5.3 U	ug/L	25.0	5.3	1		01/23/21 05:54	67-64-1	
Acetonitrile	25.0 U	ug/L	50.0	25.0	1		01/23/21 05:54	75-05-8	
Benzene	0.30 U	ug/L	1.0	0.30	1		01/23/21 05:54	71-43-2	
Bromochloromethane	0.37 U	ug/L	1.0	0.37	1		01/23/21 05:54	74-97-5	
Bromodichloromethane	0.19 U	ug/L	1.0	0.19	1		01/23/21 05:54	75-27-4	
Bromoform	0.48 U	ug/L	3.0	0.48	1		01/23/21 05:54	75-25-2	
Bromomethane	8.1 U	ug/L	10.0	8.1	1		01/23/21 05:54	74-83-9	J(v2)
2-Butanone (MEK)	21.0 U	ug/L	50.0	21.0	1		01/23/21 05:54	78-93-3	
Carbon disulfide	1.8 U	ug/L	10.0	1.8	1		01/23/21 05:54	75-15-0	
Carbon tetrachloride	0.44 U	ug/L	3.0	0.44	1		01/23/21 05:54	56-23-5	
Chlorobenzene	0.35 U	ug/L	1.0	0.35	1		01/23/21 05:54	108-90-7	
Chloroethane	3.7 U	ug/L	10.0	3.7	1		01/23/21 05:54	75-00-3	
Chloroform	0.32 U	ug/L	1.0	0.32	1		01/23/21 05:54	67-66-3	
Chloromethane	0.43 U	ug/L	1.0	0.43	1		01/23/21 05:54	74-87-3	J(v2)
1,2-Dibromo-3-chloropropane	1.9 U	ug/L	5.0	1.9	1		01/23/21 05:54	96-12-8	
Dibromochloromethane	0.45 U	ug/L	2.0	0.45	1		01/23/21 05:54	124-48-1	
Dibromomethane	0.68 U	ug/L	2.0	0.68	1		01/23/21 05:54	74-95-3	
1,2-Dichlorobenzene	0.60 U	ug/L	1.0	0.60	1		01/23/21 05:54	95-50-1	
1,4-Dichlorobenzene	0.28 U	ug/L	1.0	0.28	1		01/23/21 05:54	106-46-7	
trans-1,4-Dichloro-2-butene	2.5 U	ug/L	10.0	2.5	1		01/23/21 05:54	110-57-6	J(v2)
1,1-Dichloroethane	0.34 U	ug/L	1.0	0.34	1		01/23/21 05:54	75-34-3	
1,2-Dichloroethane	0.27 U	ug/L	1.0	0.27	1		01/23/21 05:54	107-06-2	
1,2-Dichloroethene (Total)	0.27 U	ug/L	1.0	0.27	1		01/23/21 05:54	540-59-0	N2
1,1-Dichloroethene	0.59 U	ug/L	1.0	0.59	1		01/23/21 05:54	75-35-4	
cis-1,2-Dichloroethene	0.27 U	ug/L	1.0	0.27	1		01/23/21 05:54	156-59-2	
trans-1,2-Dichloroethene	0.23 U	ug/L	1.0	0.23	1		01/23/21 05:54	156-60-5	
1,2-Dichloropropane	0.23 U	ug/L	1.0	0.23	1		01/23/21 05:54	78-87-5	
cis-1,3-Dichloropropene	0.17 U	ug/L	1.0	0.17	1		01/23/21 05:54	10061-01-5	
trans-1,3-Dichloropropene	0.37 U	ug/L	1.0	0.37	1		01/23/21 05:54	10061-02-6	
Ethylbenzene	0.30 U	ug/L	1.0	0.30	1		01/23/21 05:54	100-41-4	
2-Hexanone	3.2 U	ug/L	25.0	3.2	1		01/23/21 05:54	591-78-6	
Iodomethane	9.3 U	ug/L	10.0	9.3	1		01/23/21 05:54	74-88-4	J(v2)
Isopropylbenzene (Cumene)	0.30 U	ug/L	1.0	0.30	1		01/23/21 05:54	98-82-8	
Methylene Chloride	4.4 U	ug/L	5.0	4.4	1		01/23/21 05:54	75-09-2	
4-Methyl-2-pentanone (MIBK)	7.5 U	ug/L	25.0	7.5	1		01/23/21 05:54	108-10-1	
Methyl-tert-butyl ether	4.4 U	ug/L	5.0	4.4	1		01/23/21 05:54	1634-04-4	
Styrene	0.26 U	ug/L	1.0	0.26	1		01/23/21 05:54	100-42-5	
1,1,1,2-Tetrachloroethane	0.32 U	ug/L	1.0	0.32	1		01/23/21 05:54	630-20-6	
1,1,1,2,2-Tetrachloroethane	0.59 U	ug/L	1.0	0.59	1		01/23/21 05:54	79-34-5	
Tetrachloroethene	0.38 U	ug/L	1.0	0.38	1		01/23/21 05:54	127-18-4	
Toluene	0.33 U	ug/L	1.0	0.33	1		01/23/21 05:54	108-88-3	
1,1,1-Trichloroethane	0.30 U	ug/L	1.0	0.30	1		01/23/21 05:54	71-55-6	
1,1,2-Trichloroethane	0.30 U	ug/L	1.0	0.30	1		01/23/21 05:54	79-00-5	
Trichloroethene	0.36 U	ug/L	1.0	0.36	1		01/23/21 05:54	79-01-6	
Trichlorofluoromethane	0.35 U	ug/L	1.0	0.35	1		01/23/21 05:54	75-69-4	

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ANALYTICAL RESULTS

Project: Speedway # 6893

Pace Project No.: 35606411

Sample: MWK 01202021 **Lab ID: 35606411009** Collected: 01/20/21 13:26 Received: 01/21/21 12:17 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Ormond Beach									
1,2,3-Trichloropropane	0.53 U	ug/L	2.0	0.53	1		01/23/21 05:54	96-18-4	
1,2,4-Trimethylbenzene	0.24 U	ug/L	1.0	0.24	1		01/23/21 05:54	95-63-6	
1,3,5-Trimethylbenzene	0.24 U	ug/L	1.0	0.24	1		01/23/21 05:54	108-67-8	
Vinyl acetate	1.8 U	ug/L	10.0	1.8	1		01/23/21 05:54	108-05-4	
Vinyl chloride	0.39 U	ug/L	1.0	0.39	1		01/23/21 05:54	75-01-4	
Xylene (Total)	2.1 U	ug/L	5.0	2.1	1		01/23/21 05:54	1330-20-7	
m&p-Xylene	2.1 U	ug/L	4.0	2.1	1		01/23/21 05:54	179601-23-1	
o-Xylene	0.57 U	ug/L	1.0	0.57	1		01/23/21 05:54	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	104	%	70-130		1		01/23/21 05:54	460-00-4	
Toluene-d8 (S)	95	%	70-130		1		01/23/21 05:54	2037-26-5	
1,2-Dichlorobenzene-d4 (S)	101	%	70-130		1		01/23/21 05:54	2199-69-1	

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ANALYTICAL RESULTS

Project: Speedway # 6893

Pace Project No.: 35606411

Sample: MWE 01202021 **Lab ID: 35606411010** Collected: 01/20/21 13:22 Received: 01/21/21 12:17 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Field Data									
Analytical Method: Pace Analytical Services - Ormond Beach									
Field pH	6.95	Std. Units			1		01/25/21 11:28		
Field Temperature	27.4	deg C			1		01/25/21 11:28		
Field Specific Conductance	1037	umhos/cm			1		01/25/21 11:28		
Oxygen, Dissolved	0.73	mg/L			1		01/25/21 11:28	7782-44-7	
REDOX	-112.4	mV			1		01/25/21 11:28		
Turbidity	2.67	NTU			1		01/25/21 11:28		
8011 GCS EDB and DBCP									
Analytical Method: EPA 8011 Preparation Method: EPA 8011 Pace Analytical Services - Ormond Beach									
1,2-Dibromoethane (EDB)	0.0075 U	ug/L	0.010	0.0075	1	01/22/21 16:54	01/23/21 15:03	106-93-4	
FL-PRO Water, Low Volume									
Analytical Method: FL-PRO Preparation Method: EPA 3510 Pace Analytical Services - Ormond Beach									
Petroleum Range Organics <i>Surrogates</i>	0.75 U	mg/L	0.94	0.75	1	01/22/21 17:00	01/23/21 05:31		
o-Terphenyl (S)	88	%	66-139		1	01/22/21 17:00	01/23/21 05:31	84-15-1	
N-Pentatriacontane (S)	93	%	42-159		1	01/22/21 17:00	01/23/21 05:31	630-07-09	
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3010 Pace Analytical Services - Ormond Beach									
Lead	4.6 U	ug/L	10.0	4.6	1	01/22/21 23:57	01/24/21 16:19	7439-92-1	
8270 MSSV PAHLV by SIM									
Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3510 Pace Analytical Services - Ormond Beach									
Acenaphthene	0.040 U	ug/L	0.50	0.040	1	01/24/21 22:45	01/25/21 11:05	83-32-9	
Acenaphthylene	0.030 U	ug/L	0.50	0.030	1	01/24/21 22:45	01/25/21 11:05	208-96-8	
Anthracene	0.043 U	ug/L	0.50	0.043	1	01/24/21 22:45	01/25/21 11:05	120-12-7	
Benzo(a)anthracene	0.055 U	ug/L	0.10	0.055	1	01/24/21 22:45	01/25/21 11:05	56-55-3	
Benzo(a)pyrene	0.12 U	ug/L	0.20	0.12	1	01/24/21 22:45	01/25/21 11:05	50-32-8	
Benzo(b)fluoranthene	0.027 U	ug/L	0.10	0.027	1	01/24/21 22:45	01/25/21 11:05	205-99-2	
Benzo(g,h,i)perylene	0.15 U	ug/L	0.50	0.15	1	01/24/21 22:45	01/25/21 11:05	191-24-2	
Benzo(k)fluoranthene	0.16 U	ug/L	0.50	0.16	1	01/24/21 22:45	01/25/21 11:05	207-08-9	
Chrysene	0.026 U	ug/L	0.50	0.026	1	01/24/21 22:45	01/25/21 11:05	218-01-9	
Dibenz(a,h)anthracene	0.13 U	ug/L	0.15	0.13	1	01/24/21 22:45	01/25/21 11:05	53-70-3	
Fluoranthene	0.018 U	ug/L	0.50	0.018	1	01/24/21 22:45	01/25/21 11:05	206-44-0	
Fluorene	0.088 U	ug/L	0.50	0.088	1	01/24/21 22:45	01/25/21 11:05	86-73-7	
Indeno(1,2,3-cd)pyrene	0.12 U	ug/L	0.15	0.12	1	01/24/21 22:45	01/25/21 11:05	193-39-5	
1-Methylnaphthalene	0.19 U	ug/L	2.0	0.19	1	01/24/21 22:45	01/25/21 11:05	90-12-0	
2-Methylnaphthalene	0.68 U	ug/L	2.0	0.68	1	01/24/21 22:45	01/25/21 11:05	91-57-6	
Naphthalene	0.29 U	ug/L	2.0	0.29	1	01/24/21 22:45	01/25/21 11:05	91-20-3	
Phenanthrene	0.16 U	ug/L	0.50	0.16	1	01/24/21 22:45	01/25/21 11:05	85-01-8	
Pyrene	0.032 U	ug/L	0.50	0.032	1	01/24/21 22:45	01/25/21 11:05	129-00-0	
<i>Surrogates</i>									
2-Fluorobiphenyl (S)	53	%	32-100		1	01/24/21 22:45	01/25/21 11:05	321-60-8	
p-Terphenyl-d14 (S)	88	%	48-112		1	01/24/21 22:45	01/25/21 11:05	1718-51-0	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Speedway # 6893

Pace Project No.: 35606411

Sample: MWE 01202021 **Lab ID: 35606411010** Collected: 01/20/21 13:22 Received: 01/21/21 12:17 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Ormond Beach									
Acetone	5.3 U	ug/L	25.0	5.3	1		01/23/21 06:20	67-64-1	
Acetonitrile	25.0 U	ug/L	50.0	25.0	1		01/23/21 06:20	75-05-8	
Benzene	0.30 U	ug/L	1.0	0.30	1		01/23/21 06:20	71-43-2	
Bromochloromethane	0.37 U	ug/L	1.0	0.37	1		01/23/21 06:20	74-97-5	
Bromodichloromethane	0.19 U	ug/L	1.0	0.19	1		01/23/21 06:20	75-27-4	
Bromoform	0.48 U	ug/L	3.0	0.48	1		01/23/21 06:20	75-25-2	
Bromomethane	8.1 U	ug/L	10.0	8.1	1		01/23/21 06:20	74-83-9	J(v2)
2-Butanone (MEK)	21.0 U	ug/L	50.0	21.0	1		01/23/21 06:20	78-93-3	
Carbon disulfide	1.8 U	ug/L	10.0	1.8	1		01/23/21 06:20	75-15-0	
Carbon tetrachloride	0.44 U	ug/L	3.0	0.44	1		01/23/21 06:20	56-23-5	
Chlorobenzene	0.35 U	ug/L	1.0	0.35	1		01/23/21 06:20	108-90-7	
Chloroethane	3.7 U	ug/L	10.0	3.7	1		01/23/21 06:20	75-00-3	
Chloroform	0.32 U	ug/L	1.0	0.32	1		01/23/21 06:20	67-66-3	
Chloromethane	0.43 U	ug/L	1.0	0.43	1		01/23/21 06:20	74-87-3	J(v2)
1,2-Dibromo-3-chloropropane	1.9 U	ug/L	5.0	1.9	1		01/23/21 06:20	96-12-8	
Dibromochloromethane	0.45 U	ug/L	2.0	0.45	1		01/23/21 06:20	124-48-1	
Dibromomethane	0.68 U	ug/L	2.0	0.68	1		01/23/21 06:20	74-95-3	
1,2-Dichlorobenzene	0.60 U	ug/L	1.0	0.60	1		01/23/21 06:20	95-50-1	
1,4-Dichlorobenzene	0.28 U	ug/L	1.0	0.28	1		01/23/21 06:20	106-46-7	
trans-1,4-Dichloro-2-butene	2.5 U	ug/L	10.0	2.5	1		01/23/21 06:20	110-57-6	J(v2)
1,1-Dichloroethane	0.34 U	ug/L	1.0	0.34	1		01/23/21 06:20	75-34-3	
1,2-Dichloroethane	0.27 U	ug/L	1.0	0.27	1		01/23/21 06:20	107-06-2	
1,2-Dichloroethene (Total)	0.27 U	ug/L	1.0	0.27	1		01/23/21 06:20	540-59-0	N2
1,1-Dichloroethene	0.59 U	ug/L	1.0	0.59	1		01/23/21 06:20	75-35-4	
cis-1,2-Dichloroethene	0.27 U	ug/L	1.0	0.27	1		01/23/21 06:20	156-59-2	
trans-1,2-Dichloroethene	0.23 U	ug/L	1.0	0.23	1		01/23/21 06:20	156-60-5	
1,2-Dichloropropane	0.23 U	ug/L	1.0	0.23	1		01/23/21 06:20	78-87-5	
cis-1,3-Dichloropropene	0.17 U	ug/L	1.0	0.17	1		01/23/21 06:20	10061-01-5	
trans-1,3-Dichloropropene	0.37 U	ug/L	1.0	0.37	1		01/23/21 06:20	10061-02-6	
Ethylbenzene	0.30 U	ug/L	1.0	0.30	1		01/23/21 06:20	100-41-4	
2-Hexanone	3.2 U	ug/L	25.0	3.2	1		01/23/21 06:20	591-78-6	
Iodomethane	9.3 U	ug/L	10.0	9.3	1		01/23/21 06:20	74-88-4	J(v2)
Isopropylbenzene (Cumene)	0.30 U	ug/L	1.0	0.30	1		01/23/21 06:20	98-82-8	
Methylene Chloride	4.4 U	ug/L	5.0	4.4	1		01/23/21 06:20	75-09-2	
4-Methyl-2-pentanone (MIBK)	7.5 U	ug/L	25.0	7.5	1		01/23/21 06:20	108-10-1	
Methyl-tert-butyl ether	4.4 U	ug/L	5.0	4.4	1		01/23/21 06:20	1634-04-4	
Styrene	0.26 U	ug/L	1.0	0.26	1		01/23/21 06:20	100-42-5	
1,1,1,2-Tetrachloroethane	0.32 U	ug/L	1.0	0.32	1		01/23/21 06:20	630-20-6	
1,1,2,2-Tetrachloroethane	0.59 U	ug/L	1.0	0.59	1		01/23/21 06:20	79-34-5	
Tetrachloroethene	0.38 U	ug/L	1.0	0.38	1		01/23/21 06:20	127-18-4	
Toluene	0.33 U	ug/L	1.0	0.33	1		01/23/21 06:20	108-88-3	
1,1,1-Trichloroethane	0.30 U	ug/L	1.0	0.30	1		01/23/21 06:20	71-55-6	
1,1,2-Trichloroethane	0.30 U	ug/L	1.0	0.30	1		01/23/21 06:20	79-00-5	
Trichloroethene	0.36 U	ug/L	1.0	0.36	1		01/23/21 06:20	79-01-6	
Trichlorofluoromethane	0.35 U	ug/L	1.0	0.35	1		01/23/21 06:20	75-69-4	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Speedway # 6893

Pace Project No.: 35606411

Sample: MWE 01202021 **Lab ID: 35606411010** Collected: 01/20/21 13:22 Received: 01/21/21 12:17 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Ormond Beach									
1,2,3-Trichloropropane	0.53 U	ug/L	2.0	0.53	1		01/23/21 06:20	96-18-4	
1,2,4-Trimethylbenzene	0.24 U	ug/L	1.0	0.24	1		01/23/21 06:20	95-63-6	
1,3,5-Trimethylbenzene	0.24 U	ug/L	1.0	0.24	1		01/23/21 06:20	108-67-8	
Vinyl acetate	1.8 U	ug/L	10.0	1.8	1		01/23/21 06:20	108-05-4	
Vinyl chloride	0.39 U	ug/L	1.0	0.39	1		01/23/21 06:20	75-01-4	
Xylene (Total)	2.1 U	ug/L	5.0	2.1	1		01/23/21 06:20	1330-20-7	
m&p-Xylene	2.1 U	ug/L	4.0	2.1	1		01/23/21 06:20	179601-23-1	
o-Xylene	0.57 U	ug/L	1.0	0.57	1		01/23/21 06:20	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	104	%	70-130		1		01/23/21 06:20	460-00-4	
Toluene-d8 (S)	96	%	70-130		1		01/23/21 06:20	2037-26-5	
1,2-Dichlorobenzene-d4 (S)	100	%	70-130		1		01/23/21 06:20	2199-69-1	

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ANALYTICAL RESULTS

Project: Speedway # 6893

Pace Project No.: 35606411

Sample: MWM 01202021 **Lab ID: 35606411011** Collected: 01/20/21 14:05 Received: 01/21/21 12:17 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Field Data									
Analytical Method: Pace Analytical Services - Ormond Beach									
Field pH	7.41	Std. Units			1		01/25/21 09:38		
Field Temperature	26.5	deg C			1		01/25/21 09:38		
Field Specific Conductance	919	umhos/cm			1		01/25/21 09:38		
Oxygen, Dissolved	0.82	mg/L			1		01/25/21 09:38	7782-44-7	
REDOX	-252.8	mV			1		01/25/21 09:38		
Turbidity	1.74	NTU			1		01/25/21 09:38		
8011 GCS EDB and DBCP									
Analytical Method: EPA 8011 Preparation Method: EPA 8011 Pace Analytical Services - Ormond Beach									
1,2-Dibromoethane (EDB)	0.0075 U	ug/L	0.0099	0.0075	1	01/22/21 16:54	01/23/21 15:18	106-93-4	
FL-PRO Water, Low Volume									
Analytical Method: FL-PRO Preparation Method: EPA 3510 Pace Analytical Services - Ormond Beach									
Petroleum Range Organics <i>Surrogates</i>	1.1	mg/L	0.97	0.77	1	01/22/21 17:00	01/23/21 05:31		
o-Terphenyl (S)	88	%	66-139		1	01/22/21 17:00	01/23/21 05:31	84-15-1	
N-Pentatriacontane (S)	94	%	42-159		1	01/22/21 17:00	01/23/21 05:31	630-07-09	
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3010 Pace Analytical Services - Ormond Beach									
Lead	4.6 U	ug/L	10.0	4.6	1	01/22/21 23:57	01/24/21 16:22	7439-92-1	
8270 MSSV PAHLV by SIM									
Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3510 Pace Analytical Services - Ormond Beach									
Acenaphthene	0.093 I	ug/L	0.50	0.040	1	01/24/21 22:45	01/25/21 11:25	83-32-9	
Acenaphthylene	0.030 U	ug/L	0.50	0.030	1	01/24/21 22:45	01/25/21 11:25	208-96-8	
Anthracene	0.047 I	ug/L	0.50	0.043	1	01/24/21 22:45	01/25/21 11:25	120-12-7	
Benzo(a)anthracene	0.055 U	ug/L	0.10	0.055	1	01/24/21 22:45	01/25/21 11:25	56-55-3	
Benzo(a)pyrene	0.12 U	ug/L	0.20	0.12	1	01/24/21 22:45	01/25/21 11:25	50-32-8	
Benzo(b)fluoranthene	0.027 U	ug/L	0.10	0.027	1	01/24/21 22:45	01/25/21 11:25	205-99-2	
Benzo(g,h,i)perylene	0.15 U	ug/L	0.50	0.15	1	01/24/21 22:45	01/25/21 11:25	191-24-2	
Benzo(k)fluoranthene	0.16 U	ug/L	0.50	0.16	1	01/24/21 22:45	01/25/21 11:25	207-08-9	
Chrysene	0.026 U	ug/L	0.50	0.026	1	01/24/21 22:45	01/25/21 11:25	218-01-9	
Dibenz(a,h)anthracene	0.13 U	ug/L	0.15	0.13	1	01/24/21 22:45	01/25/21 11:25	53-70-3	
Fluoranthene	0.034 I	ug/L	0.50	0.018	1	01/24/21 22:45	01/25/21 11:25	206-44-0	
Fluorene	0.088 U	ug/L	0.50	0.088	1	01/24/21 22:45	01/25/21 11:25	86-73-7	
Indeno(1,2,3-cd)pyrene	0.12 U	ug/L	0.15	0.12	1	01/24/21 22:45	01/25/21 11:25	193-39-5	
1-Methylnaphthalene	0.41 I	ug/L	2.0	0.19	1	01/24/21 22:45	01/25/21 11:25	90-12-0	
2-Methylnaphthalene	0.68 U	ug/L	2.0	0.68	1	01/24/21 22:45	01/25/21 11:25	91-57-6	
Naphthalene	1.3 I	ug/L	2.0	0.29	1	01/24/21 22:45	01/25/21 11:25	91-20-3	
Phenanthrene	0.19 I	ug/L	0.50	0.16	1	01/24/21 22:45	01/25/21 11:25	85-01-8	
Pyrene	0.032 U	ug/L	0.50	0.032	1	01/24/21 22:45	01/25/21 11:25	129-00-0	
<i>Surrogates</i>									
2-Fluorobiphenyl (S)	58	%	32-100		1	01/24/21 22:45	01/25/21 11:25	321-60-8	
p-Terphenyl-d14 (S)	86	%	48-112		1	01/24/21 22:45	01/25/21 11:25	1718-51-0	

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ANALYTICAL RESULTS

Project: Speedway # 6893

Pace Project No.: 35606411

Sample: **MWM 01202021** Lab ID: **35606411011** Collected: 01/20/21 14:05 Received: 01/21/21 12:17 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Ormond Beach									
Acetone	5.3 U	ug/L	25.0	5.3	1		01/23/21 06:47	67-64-1	
Acetonitrile	25.0 U	ug/L	50.0	25.0	1		01/23/21 06:47	75-05-8	
Benzene	0.30 U	ug/L	1.0	0.30	1		01/23/21 06:47	71-43-2	
Bromochloromethane	0.37 U	ug/L	1.0	0.37	1		01/23/21 06:47	74-97-5	
Bromodichloromethane	0.19 U	ug/L	1.0	0.19	1		01/23/21 06:47	75-27-4	
Bromoform	0.48 U	ug/L	3.0	0.48	1		01/23/21 06:47	75-25-2	
Bromomethane	8.1 U	ug/L	10.0	8.1	1		01/23/21 06:47	74-83-9	J(v2)
2-Butanone (MEK)	21.0 U	ug/L	50.0	21.0	1		01/23/21 06:47	78-93-3	
Carbon disulfide	1.8 U	ug/L	10.0	1.8	1		01/23/21 06:47	75-15-0	
Carbon tetrachloride	0.44 U	ug/L	3.0	0.44	1		01/23/21 06:47	56-23-5	
Chlorobenzene	0.35 U	ug/L	1.0	0.35	1		01/23/21 06:47	108-90-7	
Chloroethane	3.7 U	ug/L	10.0	3.7	1		01/23/21 06:47	75-00-3	
Chloroform	0.32 U	ug/L	1.0	0.32	1		01/23/21 06:47	67-66-3	
Chloromethane	0.43 U	ug/L	1.0	0.43	1		01/23/21 06:47	74-87-3	J(v2)
1,2-Dibromo-3-chloropropane	1.9 U	ug/L	5.0	1.9	1		01/23/21 06:47	96-12-8	
Dibromochloromethane	0.45 U	ug/L	2.0	0.45	1		01/23/21 06:47	124-48-1	
Dibromomethane	0.68 U	ug/L	2.0	0.68	1		01/23/21 06:47	74-95-3	
1,2-Dichlorobenzene	0.60 U	ug/L	1.0	0.60	1		01/23/21 06:47	95-50-1	
1,4-Dichlorobenzene	0.28 U	ug/L	1.0	0.28	1		01/23/21 06:47	106-46-7	
trans-1,4-Dichloro-2-butene	2.5 U	ug/L	10.0	2.5	1		01/23/21 06:47	110-57-6	J(v2)
1,1-Dichloroethane	0.34 U	ug/L	1.0	0.34	1		01/23/21 06:47	75-34-3	
1,2-Dichloroethane	0.27 U	ug/L	1.0	0.27	1		01/23/21 06:47	107-06-2	
1,2-Dichloroethene (Total)	0.27 U	ug/L	1.0	0.27	1		01/23/21 06:47	540-59-0	N2
1,1-Dichloroethene	0.59 U	ug/L	1.0	0.59	1		01/23/21 06:47	75-35-4	
cis-1,2-Dichloroethene	0.27 U	ug/L	1.0	0.27	1		01/23/21 06:47	156-59-2	
trans-1,2-Dichloroethene	0.23 U	ug/L	1.0	0.23	1		01/23/21 06:47	156-60-5	
1,2-Dichloropropane	0.23 U	ug/L	1.0	0.23	1		01/23/21 06:47	78-87-5	
cis-1,3-Dichloropropene	0.17 U	ug/L	1.0	0.17	1		01/23/21 06:47	10061-01-5	
trans-1,3-Dichloropropene	0.37 U	ug/L	1.0	0.37	1		01/23/21 06:47	10061-02-6	
Ethylbenzene	0.30 U	ug/L	1.0	0.30	1		01/23/21 06:47	100-41-4	
2-Hexanone	3.2 U	ug/L	25.0	3.2	1		01/23/21 06:47	591-78-6	
Iodomethane	9.3 U	ug/L	10.0	9.3	1		01/23/21 06:47	74-88-4	J(v2)
Isopropylbenzene (Cumene)	6.2	ug/L	1.0	0.30	1		01/23/21 06:47	98-82-8	
Methylene Chloride	4.4 U	ug/L	5.0	4.4	1		01/23/21 06:47	75-09-2	
4-Methyl-2-pentanone (MIBK)	7.5 U	ug/L	25.0	7.5	1		01/23/21 06:47	108-10-1	
Methyl-tert-butyl ether	4.4 U	ug/L	5.0	4.4	1		01/23/21 06:47	1634-04-4	
Styrene	0.26 U	ug/L	1.0	0.26	1		01/23/21 06:47	100-42-5	
1,1,1,2-Tetrachloroethane	0.32 U	ug/L	1.0	0.32	1		01/23/21 06:47	630-20-6	
1,1,2,2-Tetrachloroethane	0.59 U	ug/L	1.0	0.59	1		01/23/21 06:47	79-34-5	
Tetrachloroethene	0.38 U	ug/L	1.0	0.38	1		01/23/21 06:47	127-18-4	
Toluene	0.33 U	ug/L	1.0	0.33	1		01/23/21 06:47	108-88-3	
1,1,1-Trichloroethane	0.30 U	ug/L	1.0	0.30	1		01/23/21 06:47	71-55-6	
1,1,2-Trichloroethane	0.30 U	ug/L	1.0	0.30	1		01/23/21 06:47	79-00-5	
Trichloroethene	0.36 U	ug/L	1.0	0.36	1		01/23/21 06:47	79-01-6	
Trichlorofluoromethane	0.35 U	ug/L	1.0	0.35	1		01/23/21 06:47	75-69-4	

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ANALYTICAL RESULTS

Project: Speedway # 6893

Pace Project No.: 35606411

Sample: MWM 01202021 **Lab ID: 35606411011** Collected: 01/20/21 14:05 Received: 01/21/21 12:17 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Ormond Beach									
1,2,3-Trichloropropane	0.53 U	ug/L	2.0	0.53	1		01/23/21 06:47	96-18-4	
1,2,4-Trimethylbenzene	0.24 U	ug/L	1.0	0.24	1		01/23/21 06:47	95-63-6	
1,3,5-Trimethylbenzene	0.24 U	ug/L	1.0	0.24	1		01/23/21 06:47	108-67-8	
Vinyl acetate	1.8 U	ug/L	10.0	1.8	1		01/23/21 06:47	108-05-4	
Vinyl chloride	0.39 U	ug/L	1.0	0.39	1		01/23/21 06:47	75-01-4	
Xylene (Total)	2.1 U	ug/L	5.0	2.1	1		01/23/21 06:47	1330-20-7	
m&p-Xylene	2.1 U	ug/L	4.0	2.1	1		01/23/21 06:47	179601-23-1	
o-Xylene	0.57 U	ug/L	1.0	0.57	1		01/23/21 06:47	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	103	%	70-130		1		01/23/21 06:47	460-00-4	
Toluene-d8 (S)	95	%	70-130		1		01/23/21 06:47	2037-26-5	
1,2-Dichlorobenzene-d4 (S)	100	%	70-130		1		01/23/21 06:47	2199-69-1	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Speedway # 6893

Pace Project No.: 35606411

Sample: CW5 01202021 **Lab ID: 35606411012** Collected: 01/20/21 14:16 Received: 01/21/21 12:17 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Field Data									
Analytical Method: Pace Analytical Services - Ormond Beach									
Field pH	7.17	Std. Units			1		01/25/21 10:00		
Field Temperature	26.3	deg C			1		01/25/21 10:00		
Field Specific Conductance	1260	umhos/cm			1		01/25/21 10:00		
Oxygen, Dissolved	0.29	mg/L			1		01/25/21 10:00	7782-44-7	
Turbidity	2.68	NTU			1		01/25/21 10:00		
8011 GCS EDB and DBCP									
Analytical Method: EPA 8011 Preparation Method: EPA 8011 Pace Analytical Services - Ormond Beach									
1,2-Dibromoethane (EDB)	0.0076 U	ug/L	0.010	0.0076	1	01/22/21 16:54	01/23/21 15:34	106-93-4	
FL-PRO Water, Low Volume									
Analytical Method: FL-PRO Preparation Method: EPA 3510 Pace Analytical Services - Ormond Beach									
Petroleum Range Organics <i>Surrogates</i>	0.75 U	mg/L	0.93	0.75	1	01/22/21 17:00	01/23/21 05:47		
o-Terphenyl (S)	81	%	66-139		1	01/22/21 17:00	01/23/21 05:47	84-15-1	
N-Pentatriacontane (S)	84	%	42-159		1	01/22/21 17:00	01/23/21 05:47	630-07-09	
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3010 Pace Analytical Services - Ormond Beach									
Lead	4.6 U	ug/L	10.0	4.6	1	01/22/21 23:57	01/24/21 16:25	7439-92-1	
8270 MSSV PAHLV by SIM									
Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3510 Pace Analytical Services - Ormond Beach									
Acenaphthene	0.11 I	ug/L	0.50	0.040	1	01/24/21 22:45	01/25/21 11:46	83-32-9	
Acenaphthylene	0.030 U	ug/L	0.50	0.030	1	01/24/21 22:45	01/25/21 11:46	208-96-8	
Anthracene	0.043 U	ug/L	0.50	0.043	1	01/24/21 22:45	01/25/21 11:46	120-12-7	
Benzo(a)anthracene	0.055 U	ug/L	0.10	0.055	1	01/24/21 22:45	01/25/21 11:46	56-55-3	
Benzo(a)pyrene	0.12 U	ug/L	0.20	0.12	1	01/24/21 22:45	01/25/21 11:46	50-32-8	
Benzo(b)fluoranthene	0.027 U	ug/L	0.10	0.027	1	01/24/21 22:45	01/25/21 11:46	205-99-2	
Benzo(g,h,i)perylene	0.15 U	ug/L	0.50	0.15	1	01/24/21 22:45	01/25/21 11:46	191-24-2	
Benzo(k)fluoranthene	0.16 U	ug/L	0.50	0.16	1	01/24/21 22:45	01/25/21 11:46	207-08-9	
Chrysene	0.026 U	ug/L	0.50	0.026	1	01/24/21 22:45	01/25/21 11:46	218-01-9	
Dibenz(a,h)anthracene	0.13 U	ug/L	0.15	0.13	1	01/24/21 22:45	01/25/21 11:46	53-70-3	
Fluoranthene	0.027 I	ug/L	0.50	0.018	1	01/24/21 22:45	01/25/21 11:46	206-44-0	
Fluorene	0.088 U	ug/L	0.50	0.088	1	01/24/21 22:45	01/25/21 11:46	86-73-7	
Indeno(1,2,3-cd)pyrene	0.12 U	ug/L	0.15	0.12	1	01/24/21 22:45	01/25/21 11:46	193-39-5	
1-Methylnaphthalene	0.76 I	ug/L	2.0	0.19	1	01/24/21 22:45	01/25/21 11:46	90-12-0	
2-Methylnaphthalene	0.68 U	ug/L	2.0	0.68	1	01/24/21 22:45	01/25/21 11:46	91-57-6	
Naphthalene	0.46 I	ug/L	2.0	0.29	1	01/24/21 22:45	01/25/21 11:46	91-20-3	
Phenanthrene	0.16 U	ug/L	0.50	0.16	1	01/24/21 22:45	01/25/21 11:46	85-01-8	
Pyrene	0.032 U	ug/L	0.50	0.032	1	01/24/21 22:45	01/25/21 11:46	129-00-0	
<i>Surrogates</i>									
2-Fluorobiphenyl (S)	48	%	32-100		1	01/24/21 22:45	01/25/21 11:46	321-60-8	
p-Terphenyl-d14 (S)	83	%	48-112		1	01/24/21 22:45	01/25/21 11:46	1718-51-0	

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ANALYTICAL RESULTS

Project: Speedway # 6893

Pace Project No.: 35606411

Sample: CW5 01202021 **Lab ID: 35606411012** Collected: 01/20/21 14:16 Received: 01/21/21 12:17 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Ormond Beach									
Acetone	5.3 U	ug/L	25.0	5.3	1		01/23/21 07:14	67-64-1	
Acetonitrile	25.0 U	ug/L	50.0	25.0	1		01/23/21 07:14	75-05-8	
Benzene	1.8	ug/L	1.0	0.30	1		01/23/21 07:14	71-43-2	
Bromochloromethane	0.37 U	ug/L	1.0	0.37	1		01/23/21 07:14	74-97-5	
Bromodichloromethane	0.19 U	ug/L	1.0	0.19	1		01/23/21 07:14	75-27-4	
Bromoform	0.48 U	ug/L	3.0	0.48	1		01/23/21 07:14	75-25-2	
Bromomethane	8.1 U	ug/L	10.0	8.1	1		01/23/21 07:14	74-83-9	J(v2)
2-Butanone (MEK)	21.0 U	ug/L	50.0	21.0	1		01/23/21 07:14	78-93-3	
Carbon disulfide	1.8 U	ug/L	10.0	1.8	1		01/23/21 07:14	75-15-0	
Carbon tetrachloride	0.44 U	ug/L	3.0	0.44	1		01/23/21 07:14	56-23-5	
Chlorobenzene	0.35 U	ug/L	1.0	0.35	1		01/23/21 07:14	108-90-7	
Chloroethane	3.7 U	ug/L	10.0	3.7	1		01/23/21 07:14	75-00-3	
Chloroform	0.32 U	ug/L	1.0	0.32	1		01/23/21 07:14	67-66-3	
Chloromethane	0.43 U	ug/L	1.0	0.43	1		01/23/21 07:14	74-87-3	J(v2)
1,2-Dibromo-3-chloropropane	1.9 U	ug/L	5.0	1.9	1		01/23/21 07:14	96-12-8	
Dibromochloromethane	0.45 U	ug/L	2.0	0.45	1		01/23/21 07:14	124-48-1	
Dibromomethane	0.68 U	ug/L	2.0	0.68	1		01/23/21 07:14	74-95-3	
1,2-Dichlorobenzene	0.60 U	ug/L	1.0	0.60	1		01/23/21 07:14	95-50-1	
1,4-Dichlorobenzene	0.28 U	ug/L	1.0	0.28	1		01/23/21 07:14	106-46-7	
trans-1,4-Dichloro-2-butene	2.5 U	ug/L	10.0	2.5	1		01/23/21 07:14	110-57-6	J(v2)
1,1-Dichloroethane	0.34 U	ug/L	1.0	0.34	1		01/23/21 07:14	75-34-3	
1,2-Dichloroethane	0.27 U	ug/L	1.0	0.27	1		01/23/21 07:14	107-06-2	
1,2-Dichloroethene (Total)	0.27 U	ug/L	1.0	0.27	1		01/23/21 07:14	540-59-0	N2
1,1-Dichloroethene	0.59 U	ug/L	1.0	0.59	1		01/23/21 07:14	75-35-4	
cis-1,2-Dichloroethene	0.27 U	ug/L	1.0	0.27	1		01/23/21 07:14	156-59-2	
trans-1,2-Dichloroethene	0.23 U	ug/L	1.0	0.23	1		01/23/21 07:14	156-60-5	
1,2-Dichloropropane	0.23 U	ug/L	1.0	0.23	1		01/23/21 07:14	78-87-5	
cis-1,3-Dichloropropene	0.17 U	ug/L	1.0	0.17	1		01/23/21 07:14	10061-01-5	
trans-1,3-Dichloropropene	0.37 U	ug/L	1.0	0.37	1		01/23/21 07:14	10061-02-6	
Ethylbenzene	0.39 I	ug/L	1.0	0.30	1		01/23/21 07:14	100-41-4	
2-Hexanone	3.2 U	ug/L	25.0	3.2	1		01/23/21 07:14	591-78-6	
Iodomethane	9.3 U	ug/L	10.0	9.3	1		01/23/21 07:14	74-88-4	J(v2)
Isopropylbenzene (Cumene)	22.2	ug/L	1.0	0.30	1		01/23/21 07:14	98-82-8	
Methylene Chloride	4.4 U	ug/L	5.0	4.4	1		01/23/21 07:14	75-09-2	
4-Methyl-2-pentanone (MIBK)	7.5 U	ug/L	25.0	7.5	1		01/23/21 07:14	108-10-1	
Methyl-tert-butyl ether	4.4 U	ug/L	5.0	4.4	1		01/23/21 07:14	1634-04-4	
Styrene	0.26 U	ug/L	1.0	0.26	1		01/23/21 07:14	100-42-5	
1,1,1,2-Tetrachloroethane	0.32 U	ug/L	1.0	0.32	1		01/23/21 07:14	630-20-6	
1,1,2,2-Tetrachloroethane	0.59 U	ug/L	1.0	0.59	1		01/23/21 07:14	79-34-5	
Tetrachloroethene	0.38 U	ug/L	1.0	0.38	1		01/23/21 07:14	127-18-4	
Toluene	0.33 U	ug/L	1.0	0.33	1		01/23/21 07:14	108-88-3	
1,1,1-Trichloroethane	0.30 U	ug/L	1.0	0.30	1		01/23/21 07:14	71-55-6	
1,1,2-Trichloroethane	0.30 U	ug/L	1.0	0.30	1		01/23/21 07:14	79-00-5	
Trichloroethene	0.36 U	ug/L	1.0	0.36	1		01/23/21 07:14	79-01-6	
Trichlorofluoromethane	0.35 U	ug/L	1.0	0.35	1		01/23/21 07:14	75-69-4	

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ANALYTICAL RESULTS

Project: Speedway # 6893

Pace Project No.: 35606411

Sample: CW5 01202021 **Lab ID: 35606411012** Collected: 01/20/21 14:16 Received: 01/21/21 12:17 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Ormond Beach									
1,2,3-Trichloropropane	0.53 U	ug/L	2.0	0.53	1		01/23/21 07:14	96-18-4	
1,2,4-Trimethylbenzene	0.24 U	ug/L	1.0	0.24	1		01/23/21 07:14	95-63-6	
1,3,5-Trimethylbenzene	0.24 U	ug/L	1.0	0.24	1		01/23/21 07:14	108-67-8	
Vinyl acetate	1.8 U	ug/L	10.0	1.8	1		01/23/21 07:14	108-05-4	
Vinyl chloride	0.39 U	ug/L	1.0	0.39	1		01/23/21 07:14	75-01-4	
Xylene (Total)	2.1 U	ug/L	5.0	2.1	1		01/23/21 07:14	1330-20-7	
m&p-Xylene	2.1 U	ug/L	4.0	2.1	1		01/23/21 07:14	179601-23-1	
o-Xylene	0.57 U	ug/L	1.0	0.57	1		01/23/21 07:14	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	103	%	70-130		1		01/23/21 07:14	460-00-4	
Toluene-d8 (S)	96	%	70-130		1		01/23/21 07:14	2037-26-5	
1,2-Dichlorobenzene-d4 (S)	100	%	70-130		1		01/23/21 07:14	2199-69-1	

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: Speedway # 6893

Pace Project No.: 35606411

QC Batch: 699005

Analysis Method: EPA 6010

QC Batch Method: EPA 3010

Analysis Description: 6010 MET

Laboratory: Pace Analytical Services - Ormond Beach

Associated Lab Samples: 35606411001, 35606411002, 35606411003, 35606411004, 35606411005, 35606411006, 35606411007, 35606411008, 35606411009, 35606411010, 35606411011, 35606411012

METHOD BLANK: 3806535

Matrix: Water

Associated Lab Samples: 35606411001, 35606411002, 35606411003, 35606411004, 35606411005, 35606411006, 35606411007, 35606411008, 35606411009, 35606411010, 35606411011, 35606411012

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Lead	ug/L	4.6 U	10.0	4.6	01/24/21 14:39	

LABORATORY CONTROL SAMPLE: 3806536

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Lead	ug/L	250	261	104	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3806537 3806538

Parameter	Units	35606232001 Result	MS Spike	MSD Spike	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	Max RPD	Qual
			Conc.	Conc.							
Lead	ug/L	4.6 U	250	250	260	258	104	103	75-125	1	20

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QUALITY CONTROL DATA

Project: Speedway # 6893
Pace Project No.: 35606411

QC Batch:	698888	Analysis Method:	EPA 8260
QC Batch Method:	EPA 8260	Analysis Description:	8260 MSV
		Laboratory:	Pace Analytical Services - Ormond Beach

Associated Lab Samples: 35606411001, 35606411002, 35606411003, 35606411004

METHOD BLANK: 3805741 Matrix: Water
Associated Lab Samples: 35606411001, 35606411002, 35606411003, 35606411004

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	0.32 U	1.0	0.32	01/22/21 13:08	
1,1,1-Trichloroethane	ug/L	0.30 U	1.0	0.30	01/22/21 13:08	
1,1,2,2-Tetrachloroethane	ug/L	0.59 U	1.0	0.59	01/22/21 13:08	
1,1,2-Trichloroethane	ug/L	0.30 U	1.0	0.30	01/22/21 13:08	
1,1-Dichloroethane	ug/L	0.34 U	1.0	0.34	01/22/21 13:08	
1,1-Dichloroethene	ug/L	0.59 U	1.0	0.59	01/22/21 13:08	
1,2,3-Trichloropropane	ug/L	0.53 U	2.0	0.53	01/22/21 13:08	
1,2,4-Trimethylbenzene	ug/L	0.24 U	1.0	0.24	01/22/21 13:08	
1,2-Dibromo-3-chloropropane	ug/L	1.9 U	5.0	1.9	01/22/21 13:08	
1,2-Dichlorobenzene	ug/L	0.60 U	1.0	0.60	01/22/21 13:08	
1,2-Dichloroethane	ug/L	0.27 U	1.0	0.27	01/22/21 13:08	
1,2-Dichloroethene (Total)	ug/L	0.27 U	1.0	0.27	01/22/21 13:08	N2
1,2-Dichloropropane	ug/L	0.23 U	1.0	0.23	01/22/21 13:08	
1,3,5-Trimethylbenzene	ug/L	0.24 U	1.0	0.24	01/22/21 13:08	
1,4-Dichlorobenzene	ug/L	0.28 U	1.0	0.28	01/22/21 13:08	
2-Butanone (MEK)	ug/L	21.0 U	50.0	21.0	01/22/21 13:08	
2-Hexanone	ug/L	3.2 U	25.0	3.2	01/22/21 13:08	
4-Methyl-2-pentanone (MIBK)	ug/L	7.5 U	25.0	7.5	01/22/21 13:08	
Acetone	ug/L	5.3 U	25.0	5.3	01/22/21 13:08	
Acetonitrile	ug/L	25.0 U	50.0	25.0	01/22/21 13:08	J(v2)
Benzene	ug/L	0.30 U	1.0	0.30	01/22/21 13:08	
Bromochloromethane	ug/L	0.37 U	1.0	0.37	01/22/21 13:08	
Bromodichloromethane	ug/L	0.19 U	1.0	0.19	01/22/21 13:08	
Bromoform	ug/L	0.48 U	3.0	0.48	01/22/21 13:08	
Bromomethane	ug/L	8.1 U	10.0	8.1	01/22/21 13:08	J(v2)
Carbon disulfide	ug/L	1.8 U	10.0	1.8	01/22/21 13:08	
Carbon tetrachloride	ug/L	0.44 U	3.0	0.44	01/22/21 13:08	
Chlorobenzene	ug/L	0.35 U	1.0	0.35	01/22/21 13:08	
Chloroethane	ug/L	3.7 U	10.0	3.7	01/22/21 13:08	
Chloroform	ug/L	0.32 U	1.0	0.32	01/22/21 13:08	
Chloromethane	ug/L	0.43 U	1.0	0.43	01/22/21 13:08	
cis-1,2-Dichloroethene	ug/L	0.27 U	1.0	0.27	01/22/21 13:08	
cis-1,3-Dichloropropene	ug/L	0.17 U	1.0	0.17	01/22/21 13:08	
Dibromochloromethane	ug/L	0.45 U	2.0	0.45	01/22/21 13:08	
Dibromomethane	ug/L	0.68 U	2.0	0.68	01/22/21 13:08	
Ethylbenzene	ug/L	0.30 U	1.0	0.30	01/22/21 13:08	
Iodomethane	ug/L	9.3 U	10.0	9.3	01/22/21 13:08	
Isopropylbenzene (Cumene)	ug/L	0.30 U	1.0	0.30	01/22/21 13:08	
m&p-Xylene	ug/L	2.1 U	4.0	2.1	01/22/21 13:08	
Methyl-tert-butyl ether	ug/L	4.4 U	5.0	4.4	01/22/21 13:08	

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QUALITY CONTROL DATA

Project: Speedway # 6893

Pace Project No.: 35606411

METHOD BLANK: 3805741

Matrix: Water

Associated Lab Samples: 35606411001, 35606411002, 35606411003, 35606411004

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Methylene Chloride	ug/L	4.4 U	5.0	4.4	01/22/21 13:08	
o-Xylene	ug/L	0.57 U	1.0	0.57	01/22/21 13:08	
Styrene	ug/L	0.26 U	1.0	0.26	01/22/21 13:08	
Tetrachloroethene	ug/L	0.38 U	1.0	0.38	01/22/21 13:08	
Toluene	ug/L	0.33 U	1.0	0.33	01/22/21 13:08	
trans-1,2-Dichloroethene	ug/L	0.23 U	1.0	0.23	01/22/21 13:08	
trans-1,3-Dichloropropene	ug/L	0.37 U	1.0	0.37	01/22/21 13:08	
trans-1,4-Dichloro-2-butene	ug/L	2.5 U	10.0	2.5	01/22/21 13:08	J(v2)
Trichloroethene	ug/L	0.36 U	1.0	0.36	01/22/21 13:08	
Trichlorofluoromethane	ug/L	0.35 U	1.0	0.35	01/22/21 13:08	
Vinyl acetate	ug/L	1.8 U	10.0	1.8	01/22/21 13:08	
Vinyl chloride	ug/L	0.39 U	1.0	0.39	01/22/21 13:08	
Xylene (Total)	ug/L	2.1 U	5.0	2.1	01/22/21 13:08	
1,2-Dichlorobenzene-d4 (S)	%	104	70-130		01/22/21 13:08	
4-Bromofluorobenzene (S)	%	101	70-130		01/22/21 13:08	
Toluene-d8 (S)	%	100	70-130		01/22/21 13:08	

LABORATORY CONTROL SAMPLE: 3805742

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	20	18.5	92	70-130	
1,1,1-Trichloroethane	ug/L	20	20.4	102	70-130	
1,1,2,2-Tetrachloroethane	ug/L	20	18.1	91	68-125	
1,1,2-Trichloroethane	ug/L	20	18.9	94	70-130	
1,1-Dichloroethane	ug/L	20	19.3	97	70-130	
1,1-Dichloroethene	ug/L	20	18.9	95	66-133	
1,2,3-Trichloropropane	ug/L	20	19.1	96	62-127	
1,2,4-Trimethylbenzene	ug/L	20	17.9	89	70-130	
1,2-Dibromo-3-chloropropane	ug/L	20	16.1	81	45-137	
1,2-Dichlorobenzene	ug/L	20	17.3	87	70-130	
1,2-Dichloroethane	ug/L	20	21.0	105	70-130	
1,2-Dichloroethene (Total)	ug/L	40	35.6	89	70-130	N2
1,2-Dichloropropane	ug/L	20	18.6	93	70-130	
1,3,5-Trimethylbenzene	ug/L	20	17.7	89	70-130	
1,4-Dichlorobenzene	ug/L	20	17.2	86	70-130	
2-Butanone (MEK)	ug/L	100	89.0	89	47-143	
2-Hexanone	ug/L	100	84.9	85	48-145	
4-Methyl-2-pentanone (MIBK)	ug/L	100	81.6	82	57-132	
Acetone	ug/L	100	98.6	99	46-148	
Acetonitrile	ug/L	100	76.3	76	33-175	J(v3)
Benzene	ug/L	20	19.3	97	70-130	
Bromochloromethane	ug/L	20	20.2	101	70-130	
Bromodichloromethane	ug/L	20	20.3	101	70-130	
Bromoform	ug/L	20	16.1	81	49-126	

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QUALITY CONTROL DATA

Project: Speedway # 6893

Pace Project No.: 35606411

LABORATORY CONTROL SAMPLE: 3805742

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Bromomethane	ug/L	20	15.6	78	10-165	J(v3)
Carbon disulfide	ug/L	20	18.8	94	60-141	
Carbon tetrachloride	ug/L	20	19.8	99	63-126	
Chlorobenzene	ug/L	20	18.0	90	70-130	
Chloroethane	ug/L	20	20.4	102	71-142	
Chloroform	ug/L	20	19.5	97	70-130	
Chloromethane	ug/L	20	17.3	86	40-140	
cis-1,2-Dichloroethene	ug/L	20	18.5	92	70-130	
cis-1,3-Dichloropropene	ug/L	20	19.3	97	70-130	
Dibromochloromethane	ug/L	20	18.2	91	62-118	
Dibromomethane	ug/L	20	19.7	99	70-130	
Ethylbenzene	ug/L	20	17.4	87	70-130	
Iodomethane	ug/L	20	16.9	84	10-164	
Isopropylbenzene (Cumene)	ug/L	20	18.3	91	70-130	
m&p-Xylene	ug/L	40	36.0	90	70-130	
Methyl-tert-butyl ether	ug/L	20	18.3	92	64-124	
Methylene Chloride	ug/L	20	21.0	105	65-136	
o-Xylene	ug/L	20	17.5	87	70-130	
Styrene	ug/L	20	18.1	90	70-130	
Tetrachloroethene	ug/L	20	18.9	94	64-134	
Toluene	ug/L	20	17.4	87	70-130	
trans-1,2-Dichloroethene	ug/L	20	17.1	86	68-127	
trans-1,3-Dichloropropene	ug/L	20	16.6	83	65-121	
trans-1,4-Dichloro-2-butene	ug/L	20	15.3	76	42-129	J(v3)
Trichloroethene	ug/L	20	19.7	99	70-130	
Trichlorofluoromethane	ug/L	20	20.4	102	65-135	
Vinyl acetate	ug/L	20	17.6	88	60-144	
Vinyl chloride	ug/L	20	17.6	88	68-131	
Xylene (Total)	ug/L	60	53.5	89	70-130	
1,2-Dichlorobenzene-d4 (S)	%			99	70-130	
4-Bromofluorobenzene (S)	%			103	70-130	
Toluene-d8 (S)	%			102	70-130	

MATRIX SPIKE SAMPLE: 3805748

Parameter	Units	35606249005 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	0.32 U	20	19.3	97	70-130	
1,1,1-Trichloroethane	ug/L	0.30 U	20	21.7	109	70-130	
1,1,2,2-Tetrachloroethane	ug/L	0.59 U	20	18.8	94	68-125	
1,1,2-Trichloroethane	ug/L	0.30 U	20	19.8	99	70-130	
1,1-Dichloroethane	ug/L	0.34 U	20	20.3	102	70-130	
1,1-Dichloroethene	ug/L	0.59 U	20	21.5	107	66-133	
1,2,3-Trichloropropane	ug/L	0.53 U	20	20.0	100	62-127	
1,2,4-Trimethylbenzene	ug/L	0.24 U	20	19.2	96	70-130	
1,2-Dibromo-3-chloropropane	ug/L	1.9 U	20	17.9	89	45-137	

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QUALITY CONTROL DATA

Project: Speedway # 6893

Pace Project No.: 35606411

MATRIX SPIKE SAMPLE:	3805748	35606249005	Spike	MS	MS	% Rec	
Parameter	Units	Result	Conc.	Result	% Rec	Limits	Qualifiers
1,2-Dichlorobenzene	ug/L	0.60 U	20	18.3	91	70-130	
1,2-Dichloroethane	ug/L	0.27 U	20	21.0	105	70-130	
1,2-Dichloroethene (Total)	ug/L	0.27 U	40	41.1	103	70-130	N2
1,2-Dichloropropane	ug/L	0.23 U	20	20.2	101	70-130	
1,3,5-Trimethylbenzene	ug/L	0.24 U	20	19.2	96	70-130	
1,4-Dichlorobenzene	ug/L	0.28 U	20	18.1	90	70-130	
2-Butanone (MEK)	ug/L	21.0 U	100	96.0	96	47-143	
2-Hexanone	ug/L	3.2 U	100	91.2	91	48-145	
4-Methyl-2-pentanone (MIBK)	ug/L	7.5 U	100	86.6	87	57-132	
Acetone	ug/L	5.3 U	100	100	100	46-148	
Acetonitrile	ug/L	25.0 U	100	114	114	33-175	J(v3)
Benzene	ug/L	0.30 U	20	20.6	103	70-130	
Bromochloromethane	ug/L	0.37 U	20	20.7	103	70-130	
Bromodichloromethane	ug/L	0.19 U	20	20.4	102	70-130	
Bromoform	ug/L	0.48 U	20	16.4	82	49-126	
Bromomethane	ug/L	8.1 U	20	8.2 I	41	10-165	J(v2)
Carbon disulfide	ug/L	1.8 U	20	21.1	106	60-141	
Carbon tetrachloride	ug/L	0.44 U	20	21.3	106	63-126	
Chlorobenzene	ug/L	0.35 U	20	19.3	97	70-130	
Chloroethane	ug/L	3.7 U	20	22.3	112	71-142	
Chloroform	ug/L	0.32 U	20	20.6	103	70-130	
Chloromethane	ug/L	0.43 U	20	19.3	96	40-140	
cis-1,2-Dichloroethene	ug/L	0.27 U	20	20.6	103	70-130	
cis-1,3-Dichloropropene	ug/L	0.17 U	20	18.3	91	70-130	
Dibromochloromethane	ug/L	0.45 U	20	19.3	96	62-118	
Dibromomethane	ug/L	0.68 U	20	20.9	104	70-130	
Ethylbenzene	ug/L	0.30 U	20	18.9	95	70-130	
Iodomethane	ug/L	9.3 U	20	9.3 U	36	10-164	
Isopropylbenzene (Cumene)	ug/L	0.30 U	20	20.4	102	70-130	
m&p-Xylene	ug/L	2.1 U	40	38.9	97	70-130	
Methyl-tert-butyl ether	ug/L	4.4 U	20	19.9	100	64-124	
Methylene Chloride	ug/L	4.4 U	20	20.2	101	65-136	
o-Xylene	ug/L	0.57 U	20	19.5	98	70-130	
Styrene	ug/L	0.26 U	20	19.4	97	70-130	
Tetrachloroethene	ug/L	0.38 U	20	20.0	100	64-134	
Toluene	ug/L	0.33 U	20	19.0	95	70-130	
trans-1,2-Dichloroethene	ug/L	0.23 U	20	20.5	102	68-127	
trans-1,3-Dichloropropene	ug/L	0.37 U	20	17.0	85	65-121	
trans-1,4-Dichloro-2-butene	ug/L	2.5 U	20	15.1	76	42-129	J(v3)
Trichloroethene	ug/L	0.36 U	20	20.9	105	70-130	
Trichlorofluoromethane	ug/L	0.35 U	20	23.3	117	65-135	
Vinyl acetate	ug/L	1.8 U	20	19.4	97	60-144	
Vinyl chloride	ug/L	0.39 U	20	21.2	106	68-131	
Xylene (Total)	ug/L	2.1 U	60	58.4	97	70-130	
1,2-Dichlorobenzene-d4 (S)	%				100	70-130	
4-Bromofluorobenzene (S)	%				104	70-130	
Toluene-d8 (S)	%				99	70-130	

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QUALITY CONTROL DATA

Project: Speedway # 6893

Pace Project No.: 35606411

SAMPLE DUPLICATE: 3805747

Parameter	Units	35606249003 Result	Dup Result	RPD	Max RPD	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	0.32 U	0.32 U		40	
1,1,1-Trichloroethane	ug/L	0.30 U	0.30 U		40	
1,1,2,2-Tetrachloroethane	ug/L	0.59 U	0.59 U		40	
1,1,2-Trichloroethane	ug/L	0.30 U	0.30 U		40	
1,1-Dichloroethane	ug/L	0.34 U	0.34 U		40	
1,1-Dichloroethene	ug/L	0.59 U	0.59 U		40	
1,2,3-Trichloropropane	ug/L	0.53 U	0.53 U		40	
1,2,4-Trimethylbenzene	ug/L	0.24 U	0.24 U		40	
1,2-Dibromo-3-chloropropane	ug/L	1.9 U	1.9 U		40	
1,2-Dichlorobenzene	ug/L	0.60 U	0.60 U		40	
1,2-Dichloroethane	ug/L	0.27 U	0.27 U		40	
1,2-Dichloroethene (Total)	ug/L	0.27 U	0.27 U		40	N2
1,2-Dichloropropane	ug/L	0.23 U	0.23 U		40	
1,3,5-Trimethylbenzene	ug/L	0.24 U	0.24 U		40	
1,4-Dichlorobenzene	ug/L	0.28 U	0.28 U		40	
2-Butanone (MEK)	ug/L	21.0 U	21.0 U		40	
2-Hexanone	ug/L	3.2 U	3.2 U		40	
4-Methyl-2-pentanone (MIBK)	ug/L	7.5 U	7.5 U		40	
Acetone	ug/L	5.3 U	5.3 U		40	
Acetonitrile	ug/L	25.0 U	25.0 U		40	J(v2)
Benzene	ug/L	0.30 U	0.30 U		40	
Bromochloromethane	ug/L	0.37 U	0.37 U		40	
Bromodichloromethane	ug/L	0.19 U	0.19 U		40	
Bromoform	ug/L	0.48 U	0.48 U		40	
Bromomethane	ug/L	8.1 U	8.1 U		40	J(v2)
Carbon disulfide	ug/L	1.8 U	1.8 U		40	
Carbon tetrachloride	ug/L	0.44 U	0.44 U		40	
Chlorobenzene	ug/L	0.35 U	0.35 U		40	
Chloroethane	ug/L	3.7 U	3.7 U		40	
Chloroform	ug/L	0.32 U	0.32 U		40	
Chloromethane	ug/L	0.43 U	0.43 U		40	
cis-1,2-Dichloroethene	ug/L	0.27 U	0.27 U		40	
cis-1,3-Dichloropropene	ug/L	0.17 U	0.17 U		40	
Dibromochloromethane	ug/L	0.45 U	0.45 U		40	
Dibromomethane	ug/L	0.68 U	0.68 U		40	
Ethylbenzene	ug/L	0.30 U	0.30 U		40	
Iodomethane	ug/L	9.3 U	9.3 U		40	
Isopropylbenzene (Cumene)	ug/L	15.2	15.4	2	40	
m&p-Xylene	ug/L	2.1 U	2.1 U		40	
Methyl-tert-butyl ether	ug/L	4.4 U	4.4 U		40	
Methylene Chloride	ug/L	4.4 U	4.4 U		40	
o-Xylene	ug/L	0.57 U	0.57 U		40	
Styrene	ug/L	0.26 U	0.26 U		40	
Tetrachloroethene	ug/L	0.38 U	0.38 U		40	
Toluene	ug/L	0.33 U	0.33 U		40	
trans-1,2-Dichloroethene	ug/L	0.23 U	0.23 U		40	
trans-1,3-Dichloropropene	ug/L	0.37 U	0.37 U		40	

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QUALITY CONTROL DATA

Project: Speedway # 6893

Pace Project No.: 35606411

SAMPLE DUPLICATE: 3805747

Parameter	Units	35606249003 Result	Dup Result	RPD	Max RPD	Qualifiers
trans-1,4-Dichloro-2-butene	ug/L	2.5 U	2.5 U		40	J(v2)
Trichloroethene	ug/L	0.36 U	0.36 U		40	
Trichlorofluoromethane	ug/L	0.35 U	0.35 U		40	
Vinyl acetate	ug/L	1.8 U	1.8 U		40	
Vinyl chloride	ug/L	0.39 U	0.39 U		40	
Xylene (Total)	ug/L	2.1 U	2.1 U		40	
1,2-Dichlorobenzene-d4 (S)	%	104	104			
4-Bromofluorobenzene (S)	%	102	100		40	
Toluene-d8 (S)	%	100	101		40	

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QUALITY CONTROL DATA

Project: Speedway # 6893
Pace Project No.: 35606411

QC Batch: 698906 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV
Laboratory: Pace Analytical Services - Ormond Beach
Associated Lab Samples: 35606411005, 35606411006, 35606411007, 35606411008, 35606411009, 35606411010, 35606411011, 35606411012

METHOD BLANK: 3805819 Matrix: Water
Associated Lab Samples: 35606411005, 35606411006, 35606411007, 35606411008, 35606411009, 35606411010, 35606411011, 35606411012

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	0.32 U	1.0	0.32	01/23/21 01:50	
1,1,1-Trichloroethane	ug/L	0.30 U	1.0	0.30	01/23/21 01:50	
1,1,2,2-Tetrachloroethane	ug/L	0.59 U	1.0	0.59	01/23/21 01:50	
1,1,2-Trichloroethane	ug/L	0.30 U	1.0	0.30	01/23/21 01:50	
1,1-Dichloroethane	ug/L	0.34 U	1.0	0.34	01/23/21 01:50	
1,1-Dichloroethene	ug/L	0.59 U	1.0	0.59	01/23/21 01:50	
1,2,3-Trichloropropane	ug/L	0.53 U	2.0	0.53	01/23/21 01:50	
1,2,4-Trimethylbenzene	ug/L	0.24 U	1.0	0.24	01/23/21 01:50	
1,2-Dibromo-3-chloropropane	ug/L	1.9 U	5.0	1.9	01/23/21 01:50	
1,2-Dichlorobenzene	ug/L	0.60 U	1.0	0.60	01/23/21 01:50	
1,2-Dichloroethane	ug/L	0.27 U	1.0	0.27	01/23/21 01:50	
1,2-Dichloroethene (Total)	ug/L	0.27 U	1.0	0.27	01/23/21 01:50	N2
1,2-Dichloropropane	ug/L	0.23 U	1.0	0.23	01/23/21 01:50	
1,3,5-Trimethylbenzene	ug/L	0.24 U	1.0	0.24	01/23/21 01:50	
1,4-Dichlorobenzene	ug/L	0.28 U	1.0	0.28	01/23/21 01:50	
2-Butanone (MEK)	ug/L	21.0 U	50.0	21.0	01/23/21 01:50	
2-Hexanone	ug/L	3.2 U	25.0	3.2	01/23/21 01:50	
4-Methyl-2-pentanone (MIBK)	ug/L	7.5 U	25.0	7.5	01/23/21 01:50	
Acetone	ug/L	5.3 U	25.0	5.3	01/23/21 01:50	
Acetonitrile	ug/L	25.0 U	50.0	25.0	01/23/21 01:50	
Benzene	ug/L	0.30 U	1.0	0.30	01/23/21 01:50	
Bromochloromethane	ug/L	0.37 U	1.0	0.37	01/23/21 01:50	
Bromodichloromethane	ug/L	0.19 U	1.0	0.19	01/23/21 01:50	
Bromoform	ug/L	0.48 U	3.0	0.48	01/23/21 01:50	
Bromomethane	ug/L	8.1 U	10.0	8.1	01/23/21 01:50	J(v2)
Carbon disulfide	ug/L	1.8 U	10.0	1.8	01/23/21 01:50	
Carbon tetrachloride	ug/L	0.44 U	3.0	0.44	01/23/21 01:50	
Chlorobenzene	ug/L	0.35 U	1.0	0.35	01/23/21 01:50	
Chloroethane	ug/L	3.7 U	10.0	3.7	01/23/21 01:50	
Chloroform	ug/L	0.32 U	1.0	0.32	01/23/21 01:50	
Chloromethane	ug/L	0.43 U	1.0	0.43	01/23/21 01:50	J(v2)
cis-1,2-Dichloroethene	ug/L	0.27 U	1.0	0.27	01/23/21 01:50	
cis-1,3-Dichloropropene	ug/L	0.17 U	1.0	0.17	01/23/21 01:50	
Dibromochloromethane	ug/L	0.45 U	2.0	0.45	01/23/21 01:50	
Dibromomethane	ug/L	0.68 U	2.0	0.68	01/23/21 01:50	
Ethylbenzene	ug/L	0.30 U	1.0	0.30	01/23/21 01:50	
Iodomethane	ug/L	9.3 U	10.0	9.3	01/23/21 01:50	J(v2)
Isopropylbenzene (Cumene)	ug/L	0.30 U	1.0	0.30	01/23/21 01:50	
m&p-Xylene	ug/L	2.1 U	4.0	2.1	01/23/21 01:50	

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QUALITY CONTROL DATA

Project: Speedway # 6893

Pace Project No.: 35606411

METHOD BLANK: 3805819

Matrix: Water

Associated Lab Samples: 35606411005, 35606411006, 35606411007, 35606411008, 35606411009, 35606411010, 35606411011, 35606411012

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Methyl-tert-butyl ether	ug/L	4.4 U	5.0	4.4	01/23/21 01:50	
Methylene Chloride	ug/L	4.4 U	5.0	4.4	01/23/21 01:50	
o-Xylene	ug/L	0.57 U	1.0	0.57	01/23/21 01:50	
Styrene	ug/L	0.26 U	1.0	0.26	01/23/21 01:50	
Tetrachloroethene	ug/L	0.38 U	1.0	0.38	01/23/21 01:50	
Toluene	ug/L	0.33 U	1.0	0.33	01/23/21 01:50	
trans-1,2-Dichloroethene	ug/L	0.23 U	1.0	0.23	01/23/21 01:50	
trans-1,3-Dichloropropene	ug/L	0.37 U	1.0	0.37	01/23/21 01:50	
trans-1,4-Dichloro-2-butene	ug/L	2.5 U	10.0	2.5	01/23/21 01:50	J(v2)
Trichloroethene	ug/L	0.36 U	1.0	0.36	01/23/21 01:50	
Trichlorofluoromethane	ug/L	0.35 U	1.0	0.35	01/23/21 01:50	
Vinyl acetate	ug/L	1.8 U	10.0	1.8	01/23/21 01:50	
Vinyl chloride	ug/L	0.39 U	1.0	0.39	01/23/21 01:50	
Xylene (Total)	ug/L	2.1 U	5.0	2.1	01/23/21 01:50	
1,2-Dichlorobenzene-d4 (S)	%	102	70-130		01/23/21 01:50	
4-Bromofluorobenzene (S)	%	100	70-130		01/23/21 01:50	
Toluene-d8 (S)	%	99	70-130		01/23/21 01:50	

LABORATORY CONTROL SAMPLE: 3805820

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	20	19.1	96	70-130	
1,1,1-Trichloroethane	ug/L	20	20.0	100	70-130	
1,1,2,2-Tetrachloroethane	ug/L	20	19.3	97	68-125	
1,1,2-Trichloroethane	ug/L	20	19.7	99	70-130	
1,1-Dichloroethane	ug/L	20	19.1	96	70-130	
1,1-Dichloroethene	ug/L	20	18.9	95	66-133	
1,2,3-Trichloropropane	ug/L	20	20.3	101	62-127	
1,2,4-Trimethylbenzene	ug/L	20	18.4	92	70-130	
1,2-Dibromo-3-chloropropane	ug/L	20	18.3	91	45-137	
1,2-Dichlorobenzene	ug/L	20	18.1	90	70-130	
1,2-Dichloroethane	ug/L	20	21.1	105	70-130	
1,2-Dichloroethene (Total)	ug/L	40	38.0	95	70-130	N2
1,2-Dichloropropane	ug/L	20	19.1	96	70-130	
1,3,5-Trimethylbenzene	ug/L	20	18.2	91	70-130	
1,4-Dichlorobenzene	ug/L	20	17.7	89	70-130	
2-Butanone (MEK)	ug/L	100	97.0	97	47-143	
2-Hexanone	ug/L	100	91.4	91	48-145	
4-Methyl-2-pentanone (MIBK)	ug/L	100	86.4	86	57-132	
Acetone	ug/L	100	106	106	46-148	
Acetonitrile	ug/L	100	106	106	33-175	
Benzene	ug/L	20	19.3	97	70-130	
Bromochloromethane	ug/L	20	20.0	100	70-130	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: Speedway # 6893

Pace Project No.: 35606411

LABORATORY CONTROL SAMPLE: 3805820

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Bromodichloromethane	ug/L	20	20.0	100	70-130	
Bromoform	ug/L	20	16.9	84	49-126	
Bromomethane	ug/L	20	8.1 U	26	10-165	J(v3)
Carbon disulfide	ug/L	20	18.9	95	60-141	
Carbon tetrachloride	ug/L	20	18.9	95	63-126	
Chlorobenzene	ug/L	20	18.4	92	70-130	
Chloroethane	ug/L	20	19.7	99	71-142	
Chloroform	ug/L	20	19.7	99	70-130	
Chloromethane	ug/L	20	15.6	78	40-140	J(v3)
cis-1,2-Dichloroethene	ug/L	20	19.2	96	70-130	
cis-1,3-Dichloropropene	ug/L	20	18.9	94	70-130	
Dibromochloromethane	ug/L	20	19.6	98	62-118	
Dibromomethane	ug/L	20	20.6	103	70-130	
Ethylbenzene	ug/L	20	17.8	89	70-130	
Iodomethane	ug/L	20	9.3 U	22	10-164	J(v3)
Isopropylbenzene (Cumene)	ug/L	20	19.1	95	70-130	
m&p-Xylene	ug/L	40	36.4	91	70-130	
Methyl-tert-butyl ether	ug/L	20	19.6	98	64-124	
Methylene Chloride	ug/L	20	19.7	99	65-136	
o-Xylene	ug/L	20	18.3	92	70-130	
Styrene	ug/L	20	18.7	93	70-130	
Tetrachloroethene	ug/L	20	19.8	99	64-134	
Toluene	ug/L	20	17.8	89	70-130	
trans-1,2-Dichloroethene	ug/L	20	18.8	94	68-127	
trans-1,3-Dichloropropene	ug/L	20	16.8	84	65-121	
trans-1,4-Dichloro-2-butene	ug/L	20	14.3	71	42-129	J(v3)
Trichloroethene	ug/L	20	19.6	98	70-130	
Trichlorofluoromethane	ug/L	20	21.3	106	65-135	
Vinyl acetate	ug/L	20	20.6	103	60-144	
Vinyl chloride	ug/L	20	18.0	90	68-131	
Xylene (Total)	ug/L	60	54.8	91	70-130	
1,2-Dichlorobenzene-d4 (S)	%			99	70-130	
4-Bromofluorobenzene (S)	%			103	70-130	
Toluene-d8 (S)	%			100	70-130	

MATRIX SPIKE SAMPLE: 3805822

Parameter	Units	35606411006 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	0.32 U	20	14.4	72	70-130	
1,1,1-Trichloroethane	ug/L	0.30 U	20	14.3	71	70-130	
1,1,2,2-Tetrachloroethane	ug/L	0.59 U	20	15.6	78	68-125	
1,1,2-Trichloroethane	ug/L	0.30 U	20	19.7	98	70-130	
1,1-Dichloroethane	ug/L	0.34 U	20	14.5	73	70-130	
1,1-Dichloroethene	ug/L	0.59 U	20	13.4	67	66-133	
1,2,3-Trichloropropane	ug/L	0.53 U	20	15.5	77	62-127	

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QUALITY CONTROL DATA

Project: Speedway # 6893
Pace Project No.: 35606411

MATRIX SPIKE SAMPLE:	3805822	35606411006	Spike	MS	MS	% Rec	
Parameter	Units	Result	Conc.	Result	% Rec	Limits	Qualifiers
1,2,4-Trimethylbenzene	ug/L	36.5	20	43.1	33	70-130	J(M1)
1,2-Dibromo-3-chloropropane	ug/L	1.9 U	20	13.2	66	45-137	
1,2-Dichlorobenzene	ug/L	0.60 U	20	12.0	60	70-130	J(M1)
1,2-Dichloroethane	ug/L	0.27 U	20	15.3	76	70-130	
1,2-Dichloroethene (Total)	ug/L	0.27 U	40	26.9	67	70-130	N2
1,2-Dichloropropane	ug/L	0.23 U	20	17.0	85	70-130	
1,3,5-Trimethylbenzene	ug/L	0.24 U	20	22.7	114	70-130	
1,4-Dichlorobenzene	ug/L	0.53 I	20	10.8	52	70-130	J(M1)
2-Butanone (MEK)	ug/L	21.0 U	100	114	114	47-143	
2-Hexanone	ug/L	3.2 U	100	76.9	77	48-145	
4-Methyl-2-pentanone (MIBK)	ug/L	7.5 U	100	74.1	74	57-132	
Acetone	ug/L	5.3 U	100	90.3	90	46-148	
Acetonitrile	ug/L	25.0 U	100	83.1	83	33-175	
Benzene	ug/L	3.5	20	19.2	79	70-130	
Bromochloromethane	ug/L	0.37 U	20	16.0	80	70-130	
Bromodichloromethane	ug/L	0.19 U	20	16.2	81	70-130	
Bromoform	ug/L	0.48 U	20	12.3	62	49-126	
Bromomethane	ug/L	8.1 U	20	8.1 U	27	10-165	J(v3)
Carbon disulfide	ug/L	1.8 U	20	10.1	50	60-141	J(M1)
Carbon tetrachloride	ug/L	0.44 U	20	11.9	59	63-126	J(M1)
Chlorobenzene	ug/L	1.9	20	15.1	66	70-130	J(M1)
Chloroethane	ug/L	3.7 U	20	19.1	95	71-142	
Chloroform	ug/L	0.32 U	20	16.8	84	70-130	
Chloromethane	ug/L	0.43 U	20	15.0	75	40-140	J(v3)
cis-1,2-Dichloroethene	ug/L	0.27 U	20	15.5	77	70-130	
cis-1,3-Dichloropropene	ug/L	0.17 U	20	14.0	70	70-130	
Dibromochloromethane	ug/L	0.45 U	20	14.6	73	62-118	
Dibromomethane	ug/L	0.68 U	20	15.8	79	70-130	
Ethylbenzene	ug/L	60.9	20	68.0	36	70-130	J(M1)
Iodomethane	ug/L	9.3 U	20	9.3 U	24	10-164	J(v3)
Isopropylbenzene (Cumene)	ug/L	225	20	251	129	70-130	L
m&p-Xylene	ug/L	17.3	40	39.7	56	70-130	J(M1)
Methyl-tert-butyl ether	ug/L	4.4 U	20	19.0	92	64-124	
Methylene Chloride	ug/L	4.4 U	20	15.2	76	65-136	
o-Xylene	ug/L	0.57 U	20	14.8	74	70-130	
Styrene	ug/L	0.26 U	20	13.3	66	70-130	J(M1)
Tetrachloroethene	ug/L	0.38 U	20	9.1	45	64-134	J(M1)
Toluene	ug/L	1.7	20	15.0	67	70-130	J(M1)
trans-1,2-Dichloroethene	ug/L	0.23 U	20	11.4	57	68-127	J(M1)
trans-1,3-Dichloropropene	ug/L	0.37 U	20	12.4	62	65-121	J(M1)
trans-1,4-Dichloro-2-butene	ug/L	2.5 U	20	9.5 I	47	42-129	J(v3)
Trichloroethene	ug/L	0.36 U	20	13.1	66	70-130	J(M1)
Trichlorofluoromethane	ug/L	0.35 U	20	18.4	92	65-135	
Vinyl acetate	ug/L	1.8 U	20	15.9	80	60-144	
Vinyl chloride	ug/L	0.39 U	20	17.8	89	68-131	
Xylene (Total)	ug/L	17.3	60	54.5	62	70-130	MS
1,2-Dichlorobenzene-d4 (S)	%				100	70-130	

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QUALITY CONTROL DATA

Project: Speedway # 6893

Pace Project No.: 35606411

MATRIX SPIKE SAMPLE: 3805822		35606411006	Spike	MS	MS	% Rec	
Parameter	Units	Result	Conc.	Result	% Rec	Limits	Qualifiers
4-Bromofluorobenzene (S)	%				101	70-130	
Toluene-d8 (S)	%				98	70-130	

SAMPLE DUPLICATE: 3805821

Parameter	Units	35606411005	Dup	RPD	Max	Qualifiers
		Result	Result		RPD	
1,1,1,2-Tetrachloroethane	ug/L	0.32 U	0.32 U		40	
1,1,1-Trichloroethane	ug/L	0.30 U	0.30 U		40	
1,1,2,2-Tetrachloroethane	ug/L	0.59 U	0.59 U		40	
1,1,2-Trichloroethane	ug/L	0.30 U	0.30 U		40	
1,1-Dichloroethane	ug/L	0.34 U	0.34 U		40	
1,1-Dichloroethene	ug/L	0.59 U	0.59 U		40	
1,2,3-Trichloropropane	ug/L	0.53 U	0.53 U		40	
1,2,4-Trimethylbenzene	ug/L	0.24 U	0.24 U		40	
1,2-Dibromo-3-chloropropane	ug/L	1.9 U	1.9 U		40	
1,2-Dichlorobenzene	ug/L	0.60 U	0.60 U		40	
1,2-Dichloroethane	ug/L	0.27 U	0.27 U		40	
1,2-Dichloroethene (Total)	ug/L	0.27 U	0.27 U		40	N2
1,2-Dichloropropane	ug/L	0.23 U	0.23 U		40	
1,3,5-Trimethylbenzene	ug/L	0.24 U	0.24 U		40	
1,4-Dichlorobenzene	ug/L	0.28 U	0.28 U		40	
2-Butanone (MEK)	ug/L	21.0 U	21.0 U		40	
2-Hexanone	ug/L	3.2 U	3.2 U		40	
4-Methyl-2-pentanone (MIBK)	ug/L	7.5 U	7.5 U		40	
Acetone	ug/L	5.3 U	5.3 U		40	
Acetonitrile	ug/L	25.0 U	25.0 U		40	
Benzene	ug/L	0.30 U	0.30 U		40	
Bromochloromethane	ug/L	0.37 U	0.37 U		40	
Bromodichloromethane	ug/L	0.19 U	0.19 U		40	
Bromoform	ug/L	0.48 U	0.48 U		40	
Bromomethane	ug/L	8.1 U	8.1 U		40	J(v2)
Carbon disulfide	ug/L	1.8 U	1.8 U		40	
Carbon tetrachloride	ug/L	0.44 U	0.44 U		40	
Chlorobenzene	ug/L	0.35 U	0.35 U		40	
Chloroethane	ug/L	3.7 U	3.7 U		40	
Chloroform	ug/L	0.32 U	0.32 U		40	
Chloromethane	ug/L	0.43 U	0.43 U		40	J(v2)
cis-1,2-Dichloroethene	ug/L	0.27 U	0.27 U		40	
cis-1,3-Dichloropropene	ug/L	0.17 U	0.17 U		40	
Dibromochloromethane	ug/L	0.45 U	0.45 U		40	
Dibromomethane	ug/L	0.68 U	0.68 U		40	
Ethylbenzene	ug/L	0.38 I	0.36 I		40	
Iodomethane	ug/L	9.3 U	9.3 U		40	J(v2)
Isopropylbenzene (Cumene)	ug/L	33.2	32.0	4	40	
m&p-Xylene	ug/L	2.1 U	2.1 U		40	

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QUALITY CONTROL DATA

Project: Speedway # 6893

Pace Project No.: 35606411

SAMPLE DUPLICATE: 3805821

Parameter	Units	35606411005 Result	Dup Result	RPD	Max RPD	Qualifiers
Methyl-tert-butyl ether	ug/L	4.4 U	4.4 U		40	
Methylene Chloride	ug/L	4.4 U	4.4 U		40	
o-Xylene	ug/L	0.69 I	0.65 I		40	
Styrene	ug/L	0.26 U	0.26 U		40	
Tetrachloroethene	ug/L	0.38 U	0.38 U		40	
Toluene	ug/L	0.33 U	0.33 U		40	
trans-1,2-Dichloroethene	ug/L	0.23 U	0.23 U		40	
trans-1,3-Dichloropropene	ug/L	0.37 U	0.37 U		40	
trans-1,4-Dichloro-2-butene	ug/L	2.5 U	2.5 U		40	J(v2)
Trichloroethene	ug/L	0.36 U	0.36 U		40	
Trichlorofluoromethane	ug/L	0.35 U	0.35 U		40	
Vinyl acetate	ug/L	1.8 U	1.8 U		40	
Vinyl chloride	ug/L	0.39 U	0.39 U		40	
Xylene (Total)	ug/L	2.1 U	2.1 U		40	
1,2-Dichlorobenzene-d4 (S)	%	105	103			
4-Bromofluorobenzene (S)	%	100	101		40	
Toluene-d8 (S)	%	100	100		40	

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QUALITY CONTROL DATA

Project: Speedway # 6893

Pace Project No.: 35606411

QC Batch: 698865

Analysis Method: EPA 8011

QC Batch Method: EPA 8011

Analysis Description: 8011 EDB DBCP

Laboratory: Pace Analytical Services - Ormond Beach

Associated Lab Samples: 35606411001, 35606411002, 35606411003, 35606411004, 35606411005, 35606411006, 35606411007, 35606411008, 35606411009, 35606411010, 35606411011, 35606411012

METHOD BLANK: 3805608

Matrix: Water

Associated Lab Samples: 35606411001, 35606411002, 35606411003, 35606411004, 35606411005, 35606411006, 35606411007, 35606411008, 35606411009, 35606411010, 35606411011, 35606411012

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,2-Dibromoethane (EDB)	ug/L	0.0075 U	0.010	0.0075	01/23/21 11:01	

LABORATORY CONTROL SAMPLE: 3805609

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2-Dibromoethane (EDB)	ug/L	0.25	0.26	102	60-140	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3805610 3805611

Parameter	Units	35606249001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,2-Dibromoethane (EDB)	ug/L	0.0075 U	0.44	0.44	0.54	0.53	124	121	60-140	2	40	

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QUALITY CONTROL DATA

Project: Speedway # 6893
Pace Project No.: 35606411

QC Batch:	698981	Analysis Method:	EPA 8270 by SIM
QC Batch Method:	EPA 3510	Analysis Description:	8270 Water PAHLV by SIM MSSV
		Laboratory:	Pace Analytical Services - Ormond Beach

Associated Lab Samples: 35606411002, 35606411003, 35606411004, 35606411005, 35606411006, 35606411007, 35606411009, 35606411010, 35606411011, 35606411012

METHOD BLANK: 3806458 Matrix: Water
Associated Lab Samples: 35606411002, 35606411003, 35606411004, 35606411005, 35606411006, 35606411007, 35606411009, 35606411010, 35606411011, 35606411012

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1-Methylnaphthalene	ug/L	0.19 U	2.0	0.19	01/25/21 07:16	
2-Methylnaphthalene	ug/L	0.68 U	2.0	0.68	01/25/21 07:16	
Acenaphthene	ug/L	0.040 U	0.50	0.040	01/25/21 07:16	
Acenaphthylene	ug/L	0.030 U	0.50	0.030	01/25/21 07:16	
Anthracene	ug/L	0.043 U	0.50	0.043	01/25/21 07:16	
Benzo(a)anthracene	ug/L	0.055 U	0.10	0.055	01/25/21 07:16	
Benzo(a)pyrene	ug/L	0.12 U	0.20	0.12	01/25/21 07:16	
Benzo(b)fluoranthene	ug/L	0.027 U	0.10	0.027	01/25/21 07:16	
Benzo(g,h,i)perylene	ug/L	0.15 U	0.50	0.15	01/25/21 07:16	
Benzo(k)fluoranthene	ug/L	0.16 U	0.50	0.16	01/25/21 07:16	
Chrysene	ug/L	0.026 U	0.50	0.026	01/25/21 07:16	
Dibenz(a,h)anthracene	ug/L	0.13 U	0.15	0.13	01/25/21 07:16	
Fluoranthene	ug/L	0.018 U	0.50	0.018	01/25/21 07:16	
Fluorene	ug/L	0.088 U	0.50	0.088	01/25/21 07:16	
Indeno(1,2,3-cd)pyrene	ug/L	0.12 U	0.15	0.12	01/25/21 07:16	
Naphthalene	ug/L	0.29 U	2.0	0.29	01/25/21 07:16	
Phenanthrene	ug/L	0.16 U	0.50	0.16	01/25/21 07:16	
Pyrene	ug/L	0.032 U	0.50	0.032	01/25/21 07:16	
2-Fluorobiphenyl (S)	%	53	32-100		01/25/21 07:16	
p-Terphenyl-d14 (S)	%	88	48-112		01/25/21 07:16	

LABORATORY CONTROL SAMPLE: 3806459

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1-Methylnaphthalene	ug/L	5	2.4	48	34-103	
2-Methylnaphthalene	ug/L	5	2.4	47	35-100	
Acenaphthene	ug/L	5	2.4	48	38-102	
Acenaphthylene	ug/L	5	2.4	49	35-97	
Anthracene	ug/L	5	3.4	69	46-107	
Benzo(a)anthracene	ug/L	5	4.3	86	55-113	
Benzo(a)pyrene	ug/L	5	4.0	79	51-112	
Benzo(b)fluoranthene	ug/L	5	4.3	87	58-116	
Benzo(g,h,i)perylene	ug/L	5	3.6	73	45-116	
Benzo(k)fluoranthene	ug/L	5	4.4	87	58-118	
Chrysene	ug/L	5	4.5	89	58-120	
Dibenz(a,h)anthracene	ug/L	5	3.4	68	46-114	
Fluoranthene	ug/L	5	4.1	82	54-118	

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QUALITY CONTROL DATA

Project: Speedway # 6893

Pace Project No.: 35606411

LABORATORY CONTROL SAMPLE: 3806459

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Fluorene	ug/L	5	2.7	54	40-105	
Indeno(1,2,3-cd)pyrene	ug/L	5	3.5	71	46-114	
Naphthalene	ug/L	5	2.3	46	34-97	
Phenanthrene	ug/L	5	3.4	68	47-110	
Pyrene	ug/L	5	4.1	82	54-117	
2-Fluorobiphenyl (S)	%			49	32-100	
p-Terphenyl-d14 (S)	%			88	48-112	

MATRIX SPIKE SAMPLE: 3807882

Parameter	Units	35606411002 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
1-Methylnaphthalene	ug/L	0.53 I	5	2.7	44	34-103	
2-Methylnaphthalene	ug/L	0.68 U	5	2.2	45	35-100	
Acenaphthene	ug/L	0.046 I	5	2.4	47	38-102	
Acenaphthylene	ug/L	0.030 U	5	2.4	47	35-97	
Anthracene	ug/L	0.043 U	5	3.5	69	46-107	
Benzo(a)anthracene	ug/L	0.055 U	5	4.3	86	55-113	
Benzo(a)pyrene	ug/L	0.12 U	5	4.0	80	51-112	
Benzo(b)fluoranthene	ug/L	0.027 U	5	4.3	85	58-116	
Benzo(g,h,i)perylene	ug/L	0.15 U	5	3.7	73	45-116	
Benzo(k)fluoranthene	ug/L	0.16 U	5	4.4	88	58-118	
Chrysene	ug/L	0.026 U	5	4.4	87	58-120	
Dibenz(a,h)anthracene	ug/L	0.13 U	5	3.6	71	46-114	
Fluoranthene	ug/L	0.025 I	5	4.1	81	54-118	
Fluorene	ug/L	0.088 U	5	2.7	54	40-105	
Indeno(1,2,3-cd)pyrene	ug/L	0.12 U	5	3.6	73	46-114	
Naphthalene	ug/L	0.48 I	5	2.5	41	34-97	
Phenanthrene	ug/L	0.16 U	5	3.4	69	47-110	
Pyrene	ug/L	0.033 I	5	4.1	82	54-117	
2-Fluorobiphenyl (S)	%				48	32-100	
p-Terphenyl-d14 (S)	%				87	48-112	

SAMPLE DUPLICATE: 3807883

Parameter	Units	35606411003 Result	Dup Result	RPD	Max RPD	Qualifiers
1-Methylnaphthalene	ug/L	0.19 I	0.23 I		40	
2-Methylnaphthalene	ug/L	0.68 U	0.68 U		40	
Acenaphthene	ug/L	0.040 U	0.040 U		40	
Acenaphthylene	ug/L	0.030 U	0.030 U		40	
Anthracene	ug/L	0.043 U	0.043 U		40	
Benzo(a)anthracene	ug/L	0.055 U	0.055 U		40	
Benzo(a)pyrene	ug/L	0.12 U	0.12 U		40	
Benzo(b)fluoranthene	ug/L	0.027 U	0.027 U		40	
Benzo(g,h,i)perylene	ug/L	0.15 U	0.15 U		40	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: Speedway # 6893

Pace Project No.: 35606411

SAMPLE DUPLICATE: 3807883

Parameter	Units	35606411003 Result	Dup Result	RPD	Max RPD	Qualifiers
Benzo(k)fluoranthene	ug/L	0.16 U	0.16 U		40	
Chrysene	ug/L	0.026 U	0.026 U		40	
Dibenz(a,h)anthracene	ug/L	0.13 U	0.13 U		40	
Fluoranthene	ug/L	0.018 U	0.018 U		40	
Fluorene	ug/L	0.088 U	0.088 U		40	
Indeno(1,2,3-cd)pyrene	ug/L	0.12 U	0.12 U		40	
Naphthalene	ug/L	0.29 U	0.29 U		40	
Phenanthrene	ug/L	0.16 U	0.16 U		40	
Pyrene	ug/L	0.032 U	0.032 U		40	
2-Fluorobiphenyl (S)	%	49	56			
p-Terphenyl-d14 (S)	%	85	89			

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QUALITY CONTROL DATA

Project: Speedway # 6893

Pace Project No.: 35606411

QC Batch:	698952	Analysis Method:	FL-PRO
QC Batch Method:	EPA 3510	Analysis Description:	FL-PRO Water Low Volume
		Laboratory:	Pace Analytical Services - Ormond Beach
Associated Lab Samples:	35606411002, 35606411003, 35606411004, 35606411005, 35606411006, 35606411007, 35606411009, 35606411010, 35606411011, 35606411012		

METHOD BLANK:	3806141	Matrix:	Water
Associated Lab Samples:	35606411002, 35606411003, 35606411004, 35606411005, 35606411006, 35606411007, 35606411009, 35606411010, 35606411011, 35606411012		

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Petroleum Range Organics	mg/L	0.80 U	1.0	0.80	01/23/21 03:05	
N-Pentatriacontane (S)	%	93	42-159		01/23/21 03:05	
o-Terphenyl (S)	%	85	66-139		01/23/21 03:05	

LABORATORY CONTROL SAMPLE:	3806142					
Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Petroleum Range Organics	mg/L	5	3.5	71	66-119	
N-Pentatriacontane (S)	%			92	42-159	
o-Terphenyl (S)	%			90	66-139	

MATRIX SPIKE SAMPLE:	3806208						
Parameter	Units	35606411006 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Petroleum Range Organics	mg/L	2.2	4.8	6.3	85	65-123	
N-Pentatriacontane (S)	%				94	42-159	
o-Terphenyl (S)	%				87	66-139	

SAMPLE DUPLICATE:	3806209					
Parameter	Units	35606411009 Result	Dup Result	RPD	Max RPD	Qualifiers
Petroleum Range Organics	mg/L	0.74 U	0.75 U		20	
N-Pentatriacontane (S)	%	89	94			
o-Terphenyl (S)	%	89	86			

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QUALIFIERS

Project: Speedway # 6893
Pace Project No.: 35606411

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.
 ND - Not Detected at or above adjusted reporting limit.
 TNTC - Too Numerous To Count
 MDL - Adjusted Method Detection Limit.
 PQL - Practical Quantitation Limit.
 RL - Reporting Limit - The lowest concentration value that meets project requirements for quantitative data with known precision and bias for a specific analyte in a specific matrix.
 S - Surrogate
 1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.
 Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.
 LCS(D) - Laboratory Control Sample (Duplicate)
 MS(D) - Matrix Spike (Duplicate)
 DUP - Sample Duplicate
 RPD - Relative Percent Difference
 NC - Not Calculable.
 SG - Silica Gel - Clean-Up
 U - Indicates the compound was analyzed for, but not detected.
 N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.
 Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.
 TNI - The NELAC Institute.

ANALYTE QUALIFIERS

I The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit.
 U Compound was analyzed for but not detected.
 J(IS) Estimated Value. The internal standard recovery associated with this result exceeds the lower control limit. The reported result should be considered an estimated value.
 J(M1) Estimated Value. Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.
 J(v2) The continuing calibration verification was below the method acceptance limit. The analyte was not detected in the associated samples and the sensitivity of the instrument was verified with a reporting limit check standard.
 J(v3) The continuing calibration verification was below the method acceptance limit. Any detection for the analyte in the associated samples may have a low bias.
 L Off-scale high. Actual value is known to be greater than value given.
 MS Analyte recovery in the matrix spike was outside QC limits for one or more of the constituent analytes used in the calculated result.
 N2 The lab does not hold NELAC/TNI accreditation for this parameter but other accreditations/certifications may apply. A complete list of accreditations/certifications is available upon request.

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Speedway # 6893
Pace Project No.: 35606411

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
35606411001	DW1 01202021				
35606411002	MWD 0120202021				
35606411003	MWB 01202021				
35606411004	MWN 01202021				
35606411005	MWO 01202021				
35606411006	CW7 01202021				
35606411007	MWF 01202021				
35606411008	CW12 01202021				
35606411009	MWK 01202021				
35606411010	MWE 01202021				
35606411011	MWM 01202021				
35606411012	CW5 01202021				
35606411001	DW1 01202021	EPA 8011	698865	EPA 8011	698989
35606411002	MWD 0120202021	EPA 8011	698865	EPA 8011	698989
35606411003	MWB 01202021	EPA 8011	698865	EPA 8011	698989
35606411004	MWN 01202021	EPA 8011	698865	EPA 8011	698989
35606411005	MWO 01202021	EPA 8011	698865	EPA 8011	698989
35606411006	CW7 01202021	EPA 8011	698865	EPA 8011	698989
35606411007	MWF 01202021	EPA 8011	698865	EPA 8011	698989
35606411008	CW12 01202021	EPA 8011	698865	EPA 8011	698989
35606411009	MWK 01202021	EPA 8011	698865	EPA 8011	698989
35606411010	MWE 01202021	EPA 8011	698865	EPA 8011	698989
35606411011	MWM 01202021	EPA 8011	698865	EPA 8011	698989
35606411012	CW5 01202021	EPA 8011	698865	EPA 8011	698989
35606411002	MWD 0120202021	EPA 3510	698952	FL-PRO	699006
35606411003	MWB 01202021	EPA 3510	698952	FL-PRO	699006
35606411004	MWN 01202021	EPA 3510	698952	FL-PRO	699006
35606411005	MWO 01202021	EPA 3510	698952	FL-PRO	699006
35606411006	CW7 01202021	EPA 3510	698952	FL-PRO	699006
35606411007	MWF 01202021	EPA 3510	698952	FL-PRO	699006
35606411009	MWK 01202021	EPA 3510	698952	FL-PRO	699006
35606411010	MWE 01202021	EPA 3510	698952	FL-PRO	699006
35606411011	MWM 01202021	EPA 3510	698952	FL-PRO	699006
35606411012	CW5 01202021	EPA 3510	698952	FL-PRO	699006
35606411001	DW1 01202021	EPA 3010	699005	EPA 6010	699008
35606411002	MWD 0120202021	EPA 3010	699005	EPA 6010	699008
35606411003	MWB 01202021	EPA 3010	699005	EPA 6010	699008
35606411004	MWN 01202021	EPA 3010	699005	EPA 6010	699008
35606411005	MWO 01202021	EPA 3010	699005	EPA 6010	699008
35606411006	CW7 01202021	EPA 3010	699005	EPA 6010	699008
35606411007	MWF 01202021	EPA 3010	699005	EPA 6010	699008
35606411008	CW12 01202021	EPA 3010	699005	EPA 6010	699008
35606411009	MWK 01202021	EPA 3010	699005	EPA 6010	699008
35606411010	MWE 01202021	EPA 3010	699005	EPA 6010	699008
35606411011	MWM 01202021	EPA 3010	699005	EPA 6010	699008
35606411012	CW5 01202021	EPA 3010	699005	EPA 6010	699008
35606411002	MWD 0120202021	EPA 3510	698981	EPA 8270 by SIM	699216

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Speedway # 6893

Pace Project No.: 35606411

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
35606411003	MWB 01202021	EPA 3510	698981	EPA 8270 by SIM	699216
35606411004	MWN 01202021	EPA 3510	698981	EPA 8270 by SIM	699216
35606411005	MWO 01202021	EPA 3510	698981	EPA 8270 by SIM	699216
35606411006	CW7 01202021	EPA 3510	698981	EPA 8270 by SIM	699216
35606411007	MWF 01202021	EPA 3510	698981	EPA 8270 by SIM	699216
35606411009	MWK 01202021	EPA 3510	698981	EPA 8270 by SIM	699216
35606411010	MWE 01202021	EPA 3510	698981	EPA 8270 by SIM	699216
35606411011	MWM 01202021	EPA 3510	698981	EPA 8270 by SIM	699216
35606411012	CW5 01202021	EPA 3510	698981	EPA 8270 by SIM	699216
35606411001	DW1 01202021	EPA 8260	698888		
35606411002	MWD 0120202021	EPA 8260	698888		
35606411003	MWB 01202021	EPA 8260	698888		
35606411004	MWN 01202021	EPA 8260	698888		
35606411005	MWO 01202021	EPA 8260	698906		
35606411006	CW7 01202021	EPA 8260	698906		
35606411007	MWF 01202021	EPA 8260	698906		
35606411008	CW12 01202021	EPA 8260	698906		
35606411009	MWK 01202021	EPA 8260	698906		
35606411010	MWE 01202021	EPA 8260	698906		
35606411011	MWM 01202021	EPA 8260	698906		
35606411012	CW5 01202021	EPA 8260	698906		

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WO#: 35606411



Document
ist be completed accurately.

C Th

Section B
Required Project Information:
Company: TERRA-COM Environmental Consulting, Inc. - Jacksonville
Address: 112 43rd Ave SW
Vero Beach, FL 32968
Phone: (772) 217-8502
Email: phofften@terra-com.env.com
Fax: [blank]
Requested Due Date: [blank]
Project #: [blank]
Purchase Order #: [blank]
Project Name: Speedway # 6893
Report To: Philip Hofften
Copy To: [blank]
Attention: [blank]
Company Name: [blank]
Address: [blank]
Regulatory Agency: [blank]
Pace Quote: [blank]
Pace Project Manager: todd.rea@pacelabs.com
State / Location: FL
Pace Profile #: 11442-9

ITEM #	MATRIX	CODE	COLLECTED		SAMPLE TYPE (G=GRAB C-COMP)	# OF CONTAINERS	Preservatives										Analyses Test Y/N	Requested Analysis Filtered (Y/N)	Residual Chlorine (Y/N)
			START DATE	END DATE			Unpreserved	H2SO4	HNO3	HCl	NaOH	Na2S2O3	Methanol	Other	VOC (9260)	EDB (8011)			
1	PW	01202021	1/20/21 10:30		WFG	42										X			
2	MWD	01202021	1/20/21 10:50		WFG	93	Z									X			
3	MWB	01202021	1/21/21 10:57		WFG	93	Z									X			
4	MWN	01202021	1/21/21 11:30		WFG	93	Z									X			
5	MWD	01202021	1/20/21 11:30		WFG	93	Z									X			
6	CW7	01202021	1/20/21 12:05		WFG	93	Z									X			
7	MWF	01202021	1/20/21 12:59		WFG	93	Z									X			
8	CW12	01202021	1/20/21 12:48		WFG	62										X			
9	MW1K	01202021	1/20/21 13:26		WFG	93	Z									X			
10	MW1E	01202021	1/20/21 13:22		WFG	93	Z									X			
11	MW1N	01202021	1/20/21 14:05		WFG	93	Z									X			
12	CW5	01202021	1/20/21 14:10		WFG	93	Z									X			

REINQUIRED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS							
						Received on	(Y/N)	Sealed	(Y/N)	Cooler	(Y/N)	Samples Intact	(Y/N)
Jeanette Pace	1/21/21	900	APC	1/19/20	0630								
D-D-10 CASE	1/21/21	12:15	Dry Bulk Pace	1/21/21	13:17								
CW PACF	1/21/21	1900	Jal ps	1-21-21	2245					Y			Y



Document Name:
Sample Condition Upon Receipt Form
Document No.:
F-FL-C-007 rev. 13

Document Revised:
May 30, 2018
Issuing Authority:
Pace Florida Quality Office

WO#: 35606411

(SCUR)

Project #
Project Manager:
Client:

PM: TSR **Due Date: 01/28/21**
CLIENT: TERCOM

Date and Initials of person:
Examining contents: _____
Label: _____
Deliver: W
pH: _____

Thermometer Used: T-337 Date: 1/21/21 Time: 22:50 Initials: WMT

State of Origin: _____ For WV projects, all containers verified to ≤6 °C

- Cooler #1 Temp. °C 4.8 (Visual) 80 (Correction Factor) 4.8 (Actual) Samples on ice, cooling process has begun
- Cooler #2 Temp. °C 2.4 (Visual) _____ (Correction Factor) 2.4 (Actual) Samples on ice, cooling process has begun
- Cooler #3 Temp. °C 1.7 (Visual) _____ (Correction Factor) 1.7 (Actual) Samples on ice, cooling process has begun
- Cooler #4 Temp. °C 2.6 (Visual) _____ (Correction Factor) 2.6 (Actual) Samples on ice, cooling process has begun
- Cooler #5 Temp. °C 4.4 (Visual) _____ (Correction Factor) 4.4 (Actual) Samples on ice, cooling process has begun
- Cooler #6 Temp. °C _____ (Visual) _____ (Correction Factor) _____ (Actual) Samples on ice, cooling process has begun

- Courier: Fed Ex UPS USPS Client Commercial Pace Other _____
- Shipping Method: First Overnight Priority Overnight Standard Overnight Ground International Priority
 Other _____
- Billing: Recipient Sender Third Party Credit Card Unknown

Tracking # _____

Custody Seal on Cooler/Box Present: Yes No Seals intact: Yes No Ice: Wet Blue Dry None

Packing Material: Bubble Wrap Bubble Bags None Other _____

Samples shorted to lab (If Yes, complete) Shorted Date: _____ Shorted Time: _____ Qty: _____

Comments:

Chain of Custody Present	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Chain of Custody Filled Out	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Relinquished Signature & Sampler Name COC	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Samples Arrived within Hold Time	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Rush TAT requested on COC	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	
Sufficient Volume	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Correct Containers Used	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Containers Intact	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Sample Labels match COC (sample IDs & date/time of collection)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
All containers needing acid/base preservation have been checked.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	Preservation Information: Preservative: _____ Lot #/Trace #: _____ Date: _____ Time: _____ Initials: _____
All Containers needing preservation are found to be in compliance with EPA recommendation: Exceptions: VOA, Coliform, TOC, O&G, Carbamates	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Headspace in VOA Vials? (>6mm):	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	
Trip Blank Present:	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	

Client Notification/ Resolution:
Person Contacted: _____ Date/Time: _____

Comments/ Resolution (use back for additional comments):

Project Manager Review: _____ Date: _____

January 27, 2021

Mr. Philip Hoffken
TERRA-COM Environmental Consulting, Inc.
112 43rd Ave SW
Vero Beach, FL 32968

RE: Project: Speedway # 6893
Pace Project No.: 35606413

Dear Mr. Hoffken:

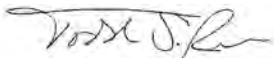
Enclosed are the analytical results for sample(s) received by the laboratory on January 21, 2021. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

The test results provided in this final report were generated by each of the following laboratories within the Pace Network:

- Pace Analytical Services - Ormond Beach

If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Todd Rea
todd.rea@pacelabs.com
(904) 903-7948
Project Manager

Enclosures

cc: Mr. Stuart D. Castle, P.G., TERRA-COM Environmental
Consulting, Inc.



REPORT OF LABORATORY ANALYSIS

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CERTIFICATIONS

Project: Speedway # 6893

Pace Project No.: 35606413

Pace Analytical Services Ormond Beach

8 East Tower Circle, Ormond Beach, FL 32174

Alaska DEC- CS/UST/LUST

Alabama Certification #: 41320

Arizona Certification# AZ0819

Colorado Certification: FL NELAC Reciprocity

Connecticut Certification #: PH-0216

Delaware Certification: FL NELAC Reciprocity

Florida Certification #: E83079

Georgia Certification #: 955

Guam Certification: FL NELAC Reciprocity

Hawaii Certification: FL NELAC Reciprocity

Illinois Certification #: 200068

Indiana Certification: FL NELAC Reciprocity

Kansas Certification #: E-10383

Kentucky Certification #: 90050

Louisiana Certification #: FL NELAC Reciprocity

Louisiana Environmental Certificate #: 05007

Maryland Certification: #346

Michigan Certification #: 9911

Mississippi Certification: FL NELAC Reciprocity

Missouri Certification #: 236

Montana Certification #: Cert 0074

Nebraska Certification: NE-OS-28-14

New Hampshire Certification #: 2958

New Jersey Certification #: FL022

New York Certification #: 11608

North Carolina Environmental Certificate #: 667

North Carolina Certification #: 12710

North Dakota Certification #: R-216

Ohio DEP 87780

Oklahoma Certification #: D9947

Pennsylvania Certification #: 68-00547

Puerto Rico Certification #: FL01264

South Carolina Certification: #96042001

Tennessee Certification #: TN02974

Texas Certification: FL NELAC Reciprocity

US Virgin Islands Certification: FL NELAC Reciprocity

Virginia Environmental Certification #: 460165

West Virginia Certification #: 9962C

Wisconsin Certification #: 399079670

Wyoming (EPA Region 8): FL NELAC Reciprocity

REPORT OF LABORATORY ANALYSIS

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SAMPLE SUMMARY

Project: Speedway # 6893

Pace Project No.: 35606413

Lab ID	Sample ID	Matrix	Date Collected	Date Received
35606413001	MW G 01212021	Water	01/21/21 10:28	01/21/21 12:17
35606413002	CW1 01212021	Water	01/21/21 10:54	01/21/21 12:17
35606413003	MWH 01212021	Water	01/21/21 11:01	01/21/21 12:17

REPORT OF LABORATORY ANALYSIS

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SAMPLE ANALYTE COUNT

Project: Speedway # 6893

Pace Project No.: 35606413

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
35606413001	MW G 01212021	EPA 8011	TSW	1	PASI-O
		FL-PRO	TCB	3	PASI-O
		EPA 6010	KPP	1	PASI-O
		EPA 8270 by SIM	RJR	20	PASI-O
		EPA 8260	AST	56	PASI-O
35606413002	CW1 01212021	EPA 8011	TSW	1	PASI-O
		FL-PRO	TCB	3	PASI-O
		EPA 6010	KPP	1	PASI-O
		EPA 8270 by SIM	RJR	20	PASI-O
		EPA 8260	AST	56	PASI-O
35606413003	MWH 01212021	EPA 8011	TSW	1	PASI-O
		FL-PRO	TCB	3	PASI-O
		EPA 6010	KPP	1	PASI-O
		EPA 8270 by SIM	RJR	20	PASI-O
		EPA 8260	AST	56	PASI-O

PASI-O = Pace Analytical Services - Ormond Beach

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Speedway # 6893

Pace Project No.: 35606413

Sample: MW G 01212021 **Lab ID: 35606413001** Collected: 01/21/21 10:28 Received: 01/21/21 12:17 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Field Data									
Analytical Method: Pace Analytical Services - Ormond Beach									
Field pH	7.30	Std. Units			1		01/25/21 10:19		
Field Temperature	25.0	deg C			1		01/25/21 10:19		
Field Specific Conductance	366	umhos/cm			1		01/25/21 10:19		
Oxygen, Dissolved	1.32	mg/L			1		01/25/21 10:19	7782-44-7	
REDOX	-99.3	mV			1		01/25/21 10:19		
Turbidity	3.91	NTU			1		01/25/21 10:19		
8011 GCS EDB and DBCP									
Analytical Method: EPA 8011 Preparation Method: EPA 8011 Pace Analytical Services - Ormond Beach									
1,2-Dibromoethane (EDB)	0.0076 U	ug/L	0.010	0.0076	1	01/25/21 15:46	01/26/21 03:28	106-93-4	
FL-PRO Water, Low Volume									
Analytical Method: FL-PRO Preparation Method: EPA 3510 Pace Analytical Services - Ormond Beach									
Petroleum Range Organics <i>Surrogates</i>	0.74 U	mg/L	0.92	0.74	1	01/22/21 17:00	01/23/21 05:47		
o-Terphenyl (S)	85	%	66-139		1	01/22/21 17:00	01/23/21 05:47	84-15-1	
N-Pentatriacontane (S)	93	%	42-159		1	01/22/21 17:00	01/23/21 05:47	630-07-09	
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3010 Pace Analytical Services - Ormond Beach									
Lead	4.6 U	ug/L	10.0	4.6	1	01/25/21 12:40	01/26/21 13:44	7439-92-1	
8270 MSSV PAHLV by SIM									
Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3510 Pace Analytical Services - Ormond Beach									
Acenaphthene	0.040 U	ug/L	0.50	0.040	1	01/24/21 22:45	01/25/21 12:07	83-32-9	
Acenaphthylene	0.030 U	ug/L	0.50	0.030	1	01/24/21 22:45	01/25/21 12:07	208-96-8	
Anthracene	0.043 U	ug/L	0.50	0.043	1	01/24/21 22:45	01/25/21 12:07	120-12-7	
Benzo(a)anthracene	0.055 U	ug/L	0.10	0.055	1	01/24/21 22:45	01/25/21 12:07	56-55-3	
Benzo(a)pyrene	0.12 U	ug/L	0.20	0.12	1	01/24/21 22:45	01/25/21 12:07	50-32-8	
Benzo(b)fluoranthene	0.027 U	ug/L	0.10	0.027	1	01/24/21 22:45	01/25/21 12:07	205-99-2	
Benzo(g,h,i)perylene	0.15 U	ug/L	0.50	0.15	1	01/24/21 22:45	01/25/21 12:07	191-24-2	
Benzo(k)fluoranthene	0.16 U	ug/L	0.50	0.16	1	01/24/21 22:45	01/25/21 12:07	207-08-9	
Chrysene	0.026 U	ug/L	0.50	0.026	1	01/24/21 22:45	01/25/21 12:07	218-01-9	
Dibenz(a,h)anthracene	0.13 U	ug/L	0.15	0.13	1	01/24/21 22:45	01/25/21 12:07	53-70-3	
Fluoranthene	0.018 U	ug/L	0.50	0.018	1	01/24/21 22:45	01/25/21 12:07	206-44-0	
Fluorene	0.088 U	ug/L	0.50	0.088	1	01/24/21 22:45	01/25/21 12:07	86-73-7	
Indeno(1,2,3-cd)pyrene	0.12 U	ug/L	0.15	0.12	1	01/24/21 22:45	01/25/21 12:07	193-39-5	
1-Methylnaphthalene	0.19 U	ug/L	2.0	0.19	1	01/24/21 22:45	01/25/21 12:07	90-12-0	
2-Methylnaphthalene	0.68 U	ug/L	2.0	0.68	1	01/24/21 22:45	01/25/21 12:07	91-57-6	
Naphthalene	0.29 U	ug/L	2.0	0.29	1	01/24/21 22:45	01/25/21 12:07	91-20-3	
Phenanthrene	0.16 U	ug/L	0.50	0.16	1	01/24/21 22:45	01/25/21 12:07	85-01-8	
Pyrene	0.032 U	ug/L	0.50	0.032	1	01/24/21 22:45	01/25/21 12:07	129-00-0	
<i>Surrogates</i>									
2-Fluorobiphenyl (S)	61	%	32-100		1	01/24/21 22:45	01/25/21 12:07	321-60-8	
p-Terphenyl-d14 (S)	89	%	48-112		1	01/24/21 22:45	01/25/21 12:07	1718-51-0	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Speedway # 6893

Pace Project No.: 35606413

Sample: **MW G 01212021** Lab ID: **35606413001** Collected: 01/21/21 10:28 Received: 01/21/21 12:17 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260 Pace Analytical Services - Ormond Beach							
Acetone	5.3 U	ug/L	25.0	5.3	1		01/23/21 07:41	67-64-1	
Acetonitrile	25.0 U	ug/L	50.0	25.0	1		01/23/21 07:41	75-05-8	
Benzene	0.30 U	ug/L	1.0	0.30	1		01/23/21 07:41	71-43-2	
Bromochloromethane	0.37 U	ug/L	1.0	0.37	1		01/23/21 07:41	74-97-5	
Bromodichloromethane	0.19 U	ug/L	1.0	0.19	1		01/23/21 07:41	75-27-4	
Bromoform	0.48 U	ug/L	3.0	0.48	1		01/23/21 07:41	75-25-2	
Bromomethane	8.1 U	ug/L	10.0	8.1	1		01/23/21 07:41	74-83-9	J(v2)
2-Butanone (MEK)	21.0 U	ug/L	50.0	21.0	1		01/23/21 07:41	78-93-3	
Carbon disulfide	1.8 U	ug/L	10.0	1.8	1		01/23/21 07:41	75-15-0	
Carbon tetrachloride	0.44 U	ug/L	3.0	0.44	1		01/23/21 07:41	56-23-5	
Chlorobenzene	0.35 U	ug/L	1.0	0.35	1		01/23/21 07:41	108-90-7	
Chloroethane	3.7 U	ug/L	10.0	3.7	1		01/23/21 07:41	75-00-3	
Chloroform	0.32 U	ug/L	1.0	0.32	1		01/23/21 07:41	67-66-3	
Chloromethane	0.43 U	ug/L	1.0	0.43	1		01/23/21 07:41	74-87-3	J(v2)
1,2-Dibromo-3-chloropropane	1.9 U	ug/L	5.0	1.9	1		01/23/21 07:41	96-12-8	
Dibromochloromethane	0.45 U	ug/L	2.0	0.45	1		01/23/21 07:41	124-48-1	
Dibromomethane	0.68 U	ug/L	2.0	0.68	1		01/23/21 07:41	74-95-3	
1,2-Dichlorobenzene	0.60 U	ug/L	1.0	0.60	1		01/23/21 07:41	95-50-1	
1,4-Dichlorobenzene	0.28 U	ug/L	1.0	0.28	1		01/23/21 07:41	106-46-7	
trans-1,4-Dichloro-2-butene	2.5 U	ug/L	10.0	2.5	1		01/23/21 07:41	110-57-6	J(v2)
1,1-Dichloroethane	0.34 U	ug/L	1.0	0.34	1		01/23/21 07:41	75-34-3	
1,2-Dichloroethane	0.27 U	ug/L	1.0	0.27	1		01/23/21 07:41	107-06-2	
1,2-Dichloroethene (Total)	0.27 U	ug/L	1.0	0.27	1		01/23/21 07:41	540-59-0	N2
1,1-Dichloroethene	0.59 U	ug/L	1.0	0.59	1		01/23/21 07:41	75-35-4	
cis-1,2-Dichloroethene	0.27 U	ug/L	1.0	0.27	1		01/23/21 07:41	156-59-2	
trans-1,2-Dichloroethene	0.23 U	ug/L	1.0	0.23	1		01/23/21 07:41	156-60-5	
1,2-Dichloropropane	0.23 U	ug/L	1.0	0.23	1		01/23/21 07:41	78-87-5	
cis-1,3-Dichloropropene	0.17 U	ug/L	1.0	0.17	1		01/23/21 07:41	10061-01-5	
trans-1,3-Dichloropropene	0.37 U	ug/L	1.0	0.37	1		01/23/21 07:41	10061-02-6	
Ethylbenzene	0.30 U	ug/L	1.0	0.30	1		01/23/21 07:41	100-41-4	
2-Hexanone	3.2 U	ug/L	25.0	3.2	1		01/23/21 07:41	591-78-6	
Iodomethane	9.3 U	ug/L	10.0	9.3	1		01/23/21 07:41	74-88-4	J(v2)
Isopropylbenzene (Cumene)	0.30 U	ug/L	1.0	0.30	1		01/23/21 07:41	98-82-8	
Methylene Chloride	4.4 U	ug/L	5.0	4.4	1		01/23/21 07:41	75-09-2	
4-Methyl-2-pentanone (MIBK)	7.5 U	ug/L	25.0	7.5	1		01/23/21 07:41	108-10-1	
Methyl-tert-butyl ether	4.4 U	ug/L	5.0	4.4	1		01/23/21 07:41	1634-04-4	
Styrene	0.26 U	ug/L	1.0	0.26	1		01/23/21 07:41	100-42-5	
1,1,1,2-Tetrachloroethane	0.32 U	ug/L	1.0	0.32	1		01/23/21 07:41	630-20-6	
1,1,2,2-Tetrachloroethane	0.59 U	ug/L	1.0	0.59	1		01/23/21 07:41	79-34-5	
Tetrachloroethene	0.38 U	ug/L	1.0	0.38	1		01/23/21 07:41	127-18-4	
Toluene	0.33 U	ug/L	1.0	0.33	1		01/23/21 07:41	108-88-3	
1,1,1-Trichloroethane	0.30 U	ug/L	1.0	0.30	1		01/23/21 07:41	71-55-6	
1,1,2-Trichloroethane	0.30 U	ug/L	1.0	0.30	1		01/23/21 07:41	79-00-5	
Trichloroethene	0.36 U	ug/L	1.0	0.36	1		01/23/21 07:41	79-01-6	
Trichlorofluoromethane	0.35 U	ug/L	1.0	0.35	1		01/23/21 07:41	75-69-4	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Speedway # 6893

Pace Project No.: 35606413

Sample: MW G 01212021 **Lab ID: 35606413001** Collected: 01/21/21 10:28 Received: 01/21/21 12:17 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Ormond Beach									
1,2,3-Trichloropropane	0.53 U	ug/L	2.0	0.53	1		01/23/21 07:41	96-18-4	
1,2,4-Trimethylbenzene	0.24 U	ug/L	1.0	0.24	1		01/23/21 07:41	95-63-6	
1,3,5-Trimethylbenzene	0.24 U	ug/L	1.0	0.24	1		01/23/21 07:41	108-67-8	
Vinyl acetate	1.8 U	ug/L	10.0	1.8	1		01/23/21 07:41	108-05-4	
Vinyl chloride	0.39 U	ug/L	1.0	0.39	1		01/23/21 07:41	75-01-4	
Xylene (Total)	2.1 U	ug/L	5.0	2.1	1		01/23/21 07:41	1330-20-7	
m&p-Xylene	2.1 U	ug/L	4.0	2.1	1		01/23/21 07:41	179601-23-1	
o-Xylene	0.57 U	ug/L	1.0	0.57	1		01/23/21 07:41	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	103	%	70-130		1		01/23/21 07:41	460-00-4	
Toluene-d8 (S)	95	%	70-130		1		01/23/21 07:41	2037-26-5	
1,2-Dichlorobenzene-d4 (S)	100	%	70-130		1		01/23/21 07:41	2199-69-1	

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ANALYTICAL RESULTS

Project: Speedway # 6893

Pace Project No.: 35606413

Sample: CW1 01212021 **Lab ID: 35606413002** Collected: 01/21/21 10:54 Received: 01/21/21 12:17 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Field Data									
Analytical Method: Pace Analytical Services - Ormond Beach									
Field pH	7.02	Std. Units			1		01/25/21 10:17		
Field Temperature	27.0	deg C			1		01/25/21 10:17		
Field Specific Conductance	1041	umhos/cm			1		01/25/21 10:17		
Oxygen, Dissolved	0.89	mg/L			1		01/25/21 10:17	7782-44-7	
REDOX	-38.6	mV			1		01/25/21 10:17		
Turbidity	1.80	NTU			1		01/25/21 10:17		
8011 GCS EDB and DBCP									
Analytical Method: EPA 8011 Preparation Method: EPA 8011 Pace Analytical Services - Ormond Beach									
1,2-Dibromoethane (EDB)	0.0076 U	ug/L	0.010	0.0076	1	01/25/21 15:46	01/26/21 03:43	106-93-4	
FL-PRO Water, Low Volume									
Analytical Method: FL-PRO Preparation Method: EPA 3510 Pace Analytical Services - Ormond Beach									
Petroleum Range Organics	0.77 U	mg/L	0.96	0.77	1	01/22/21 17:00	01/23/21 06:03		
Surrogates									
o-Terphenyl (S)	86	%	66-139		1	01/22/21 17:00	01/23/21 06:03	84-15-1	
N-Pentatriacontane (S)	91	%	42-159		1	01/22/21 17:00	01/23/21 06:03	630-07-09	
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3010 Pace Analytical Services - Ormond Beach									
Lead	4.6 U	ug/L	10.0	4.6	1	01/25/21 12:40	01/26/21 13:47	7439-92-1	
8270 MSSV PAHLV by SIM									
Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3510 Pace Analytical Services - Ormond Beach									
Acenaphthene	0.040 U	ug/L	0.50	0.040	1	01/24/21 22:45	01/25/21 12:28	83-32-9	
Acenaphthylene	0.030 U	ug/L	0.50	0.030	1	01/24/21 22:45	01/25/21 12:28	208-96-8	
Anthracene	0.043 U	ug/L	0.50	0.043	1	01/24/21 22:45	01/25/21 12:28	120-12-7	
Benzo(a)anthracene	0.055 U	ug/L	0.10	0.055	1	01/24/21 22:45	01/25/21 12:28	56-55-3	
Benzo(a)pyrene	0.12 U	ug/L	0.20	0.12	1	01/24/21 22:45	01/25/21 12:28	50-32-8	
Benzo(b)fluoranthene	0.027 U	ug/L	0.10	0.027	1	01/24/21 22:45	01/25/21 12:28	205-99-2	
Benzo(g,h,i)perylene	0.15 U	ug/L	0.50	0.15	1	01/24/21 22:45	01/25/21 12:28	191-24-2	
Benzo(k)fluoranthene	0.16 U	ug/L	0.50	0.16	1	01/24/21 22:45	01/25/21 12:28	207-08-9	
Chrysene	0.026 U	ug/L	0.50	0.026	1	01/24/21 22:45	01/25/21 12:28	218-01-9	
Dibenz(a,h)anthracene	0.13 U	ug/L	0.15	0.13	1	01/24/21 22:45	01/25/21 12:28	53-70-3	
Fluoranthene	0.018 U	ug/L	0.50	0.018	1	01/24/21 22:45	01/25/21 12:28	206-44-0	
Fluorene	0.088 U	ug/L	0.50	0.088	1	01/24/21 22:45	01/25/21 12:28	86-73-7	
Indeno(1,2,3-cd)pyrene	0.12 U	ug/L	0.15	0.12	1	01/24/21 22:45	01/25/21 12:28	193-39-5	
1-Methylnaphthalene	0.19 U	ug/L	2.0	0.19	1	01/24/21 22:45	01/25/21 12:28	90-12-0	
2-Methylnaphthalene	0.68 U	ug/L	2.0	0.68	1	01/24/21 22:45	01/25/21 12:28	91-57-6	
Naphthalene	0.29 U	ug/L	2.0	0.29	1	01/24/21 22:45	01/25/21 12:28	91-20-3	
Phenanthrene	0.16 U	ug/L	0.50	0.16	1	01/24/21 22:45	01/25/21 12:28	85-01-8	
Pyrene	0.032 U	ug/L	0.50	0.032	1	01/24/21 22:45	01/25/21 12:28	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	68	%	32-100		1	01/24/21 22:45	01/25/21 12:28	321-60-8	
p-Terphenyl-d14 (S)	92	%	48-112		1	01/24/21 22:45	01/25/21 12:28	1718-51-0	

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ANALYTICAL RESULTS

Project: Speedway # 6893

Pace Project No.: 35606413

Sample: **CW1 01212021** Lab ID: **35606413002** Collected: 01/21/21 10:54 Received: 01/21/21 12:17 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Ormond Beach									
Acetone	5.3 U	ug/L	25.0	5.3	1		01/23/21 08:08	67-64-1	
Acetonitrile	25.0 U	ug/L	50.0	25.0	1		01/23/21 08:08	75-05-8	
Benzene	0.30 U	ug/L	1.0	0.30	1		01/23/21 08:08	71-43-2	
Bromochloromethane	0.37 U	ug/L	1.0	0.37	1		01/23/21 08:08	74-97-5	
Bromodichloromethane	0.19 U	ug/L	1.0	0.19	1		01/23/21 08:08	75-27-4	
Bromoform	0.48 U	ug/L	3.0	0.48	1		01/23/21 08:08	75-25-2	
Bromomethane	8.1 U	ug/L	10.0	8.1	1		01/23/21 08:08	74-83-9	J(v2)
2-Butanone (MEK)	21.0 U	ug/L	50.0	21.0	1		01/23/21 08:08	78-93-3	
Carbon disulfide	1.8 U	ug/L	10.0	1.8	1		01/23/21 08:08	75-15-0	
Carbon tetrachloride	0.44 U	ug/L	3.0	0.44	1		01/23/21 08:08	56-23-5	
Chlorobenzene	0.35 U	ug/L	1.0	0.35	1		01/23/21 08:08	108-90-7	
Chloroethane	3.7 U	ug/L	10.0	3.7	1		01/23/21 08:08	75-00-3	
Chloroform	0.32 U	ug/L	1.0	0.32	1		01/23/21 08:08	67-66-3	
Chloromethane	0.43 U	ug/L	1.0	0.43	1		01/23/21 08:08	74-87-3	J(v2)
1,2-Dibromo-3-chloropropane	1.9 U	ug/L	5.0	1.9	1		01/23/21 08:08	96-12-8	
Dibromochloromethane	0.45 U	ug/L	2.0	0.45	1		01/23/21 08:08	124-48-1	
Dibromomethane	0.68 U	ug/L	2.0	0.68	1		01/23/21 08:08	74-95-3	
1,2-Dichlorobenzene	0.60 U	ug/L	1.0	0.60	1		01/23/21 08:08	95-50-1	
1,4-Dichlorobenzene	0.28 U	ug/L	1.0	0.28	1		01/23/21 08:08	106-46-7	
trans-1,4-Dichloro-2-butene	2.5 U	ug/L	10.0	2.5	1		01/23/21 08:08	110-57-6	J(v2)
1,1-Dichloroethane	0.34 U	ug/L	1.0	0.34	1		01/23/21 08:08	75-34-3	
1,2-Dichloroethane	0.27 U	ug/L	1.0	0.27	1		01/23/21 08:08	107-06-2	
1,2-Dichloroethene (Total)	0.27 U	ug/L	1.0	0.27	1		01/23/21 08:08	540-59-0	N2
1,1-Dichloroethene	0.59 U	ug/L	1.0	0.59	1		01/23/21 08:08	75-35-4	
cis-1,2-Dichloroethene	0.27 U	ug/L	1.0	0.27	1		01/23/21 08:08	156-59-2	
trans-1,2-Dichloroethene	0.23 U	ug/L	1.0	0.23	1		01/23/21 08:08	156-60-5	
1,2-Dichloropropane	0.23 U	ug/L	1.0	0.23	1		01/23/21 08:08	78-87-5	
cis-1,3-Dichloropropene	0.17 U	ug/L	1.0	0.17	1		01/23/21 08:08	10061-01-5	
trans-1,3-Dichloropropene	0.37 U	ug/L	1.0	0.37	1		01/23/21 08:08	10061-02-6	
Ethylbenzene	0.30 U	ug/L	1.0	0.30	1		01/23/21 08:08	100-41-4	
2-Hexanone	3.2 U	ug/L	25.0	3.2	1		01/23/21 08:08	591-78-6	
Iodomethane	9.3 U	ug/L	10.0	9.3	1		01/23/21 08:08	74-88-4	J(v2)
Isopropylbenzene (Cumene)	0.30 U	ug/L	1.0	0.30	1		01/23/21 08:08	98-82-8	
Methylene Chloride	4.4 U	ug/L	5.0	4.4	1		01/23/21 08:08	75-09-2	
4-Methyl-2-pentanone (MIBK)	7.5 U	ug/L	25.0	7.5	1		01/23/21 08:08	108-10-1	
Methyl-tert-butyl ether	4.4 U	ug/L	5.0	4.4	1		01/23/21 08:08	1634-04-4	
Styrene	0.26 U	ug/L	1.0	0.26	1		01/23/21 08:08	100-42-5	
1,1,1,2-Tetrachloroethane	0.32 U	ug/L	1.0	0.32	1		01/23/21 08:08	630-20-6	
1,1,2,2-Tetrachloroethane	0.59 U	ug/L	1.0	0.59	1		01/23/21 08:08	79-34-5	
Tetrachloroethene	0.38 U	ug/L	1.0	0.38	1		01/23/21 08:08	127-18-4	
Toluene	0.33 U	ug/L	1.0	0.33	1		01/23/21 08:08	108-88-3	
1,1,1-Trichloroethane	0.30 U	ug/L	1.0	0.30	1		01/23/21 08:08	71-55-6	
1,1,2-Trichloroethane	0.30 U	ug/L	1.0	0.30	1		01/23/21 08:08	79-00-5	
Trichloroethene	0.36 U	ug/L	1.0	0.36	1		01/23/21 08:08	79-01-6	
Trichlorofluoromethane	0.35 U	ug/L	1.0	0.35	1		01/23/21 08:08	75-69-4	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Speedway # 6893

Pace Project No.: 35606413

Sample: CW1 01212021 **Lab ID: 35606413002** Collected: 01/21/21 10:54 Received: 01/21/21 12:17 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Ormond Beach									
1,2,3-Trichloropropane	0.53 U	ug/L	2.0	0.53	1		01/23/21 08:08	96-18-4	
1,2,4-Trimethylbenzene	0.24 U	ug/L	1.0	0.24	1		01/23/21 08:08	95-63-6	
1,3,5-Trimethylbenzene	0.24 U	ug/L	1.0	0.24	1		01/23/21 08:08	108-67-8	
Vinyl acetate	1.8 U	ug/L	10.0	1.8	1		01/23/21 08:08	108-05-4	
Vinyl chloride	0.39 U	ug/L	1.0	0.39	1		01/23/21 08:08	75-01-4	
Xylene (Total)	2.1 U	ug/L	5.0	2.1	1		01/23/21 08:08	1330-20-7	
m&p-Xylene	2.1 U	ug/L	4.0	2.1	1		01/23/21 08:08	179601-23-1	
o-Xylene	0.57 U	ug/L	1.0	0.57	1		01/23/21 08:08	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	104	%	70-130		1		01/23/21 08:08	460-00-4	
Toluene-d8 (S)	96	%	70-130		1		01/23/21 08:08	2037-26-5	
1,2-Dichlorobenzene-d4 (S)	101	%	70-130		1		01/23/21 08:08	2199-69-1	

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ANALYTICAL RESULTS

Project: Speedway # 6893

Pace Project No.: 35606413

Sample: MWH 01212021 **Lab ID: 35606413003** Collected: 01/21/21 11:01 Received: 01/21/21 12:17 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Field Data									
Analytical Method: Pace Analytical Services - Ormond Beach									
Field pH	7.36	Std. Units			1		01/25/21 10:21		
Field Temperature	26.5	deg C			1		01/25/21 10:21		
Field Specific Conductance	295	umhos/cm			1		01/25/21 10:21		
Oxygen, Dissolved	1.17	mg/L			1		01/25/21 10:21	7782-44-7	
REDOX	-128.9	mV			1		01/25/21 10:21		
Turbidity	4.03	NTU			1		01/25/21 10:21		
8011 GCS EDB and DBCP									
Analytical Method: EPA 8011 Preparation Method: EPA 8011 Pace Analytical Services - Ormond Beach									
1,2-Dibromoethane (EDB)	0.0073 U	ug/L	0.0097	0.0073	1	01/25/21 15:46	01/26/21 03:58	106-93-4	
FL-PRO Water, Low Volume									
Analytical Method: FL-PRO Preparation Method: EPA 3510 Pace Analytical Services - Ormond Beach									
Petroleum Range Organics <i>Surrogates</i>	0.78 U	mg/L	0.97	0.78	1	01/22/21 17:00	01/23/21 06:03		
o-Terphenyl (S)	102	%	66-139		1	01/22/21 17:00	01/23/21 06:03	84-15-1	
N-Pentatriacontane (S)	109	%	42-159		1	01/22/21 17:00	01/23/21 06:03	630-07-09	
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3010 Pace Analytical Services - Ormond Beach									
Lead	4.6 U	ug/L	10.0	4.6	1	01/25/21 12:40	01/26/21 13:50	7439-92-1	
8270 MSSV PAHLV by SIM									
Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3510 Pace Analytical Services - Ormond Beach									
Acenaphthene	0.040 U	ug/L	0.50	0.040	1	01/24/21 22:45	01/25/21 12:49	83-32-9	
Acenaphthylene	0.030 U	ug/L	0.50	0.030	1	01/24/21 22:45	01/25/21 12:49	208-96-8	
Anthracene	0.043 U	ug/L	0.50	0.043	1	01/24/21 22:45	01/25/21 12:49	120-12-7	
Benzo(a)anthracene	0.055 U	ug/L	0.10	0.055	1	01/24/21 22:45	01/25/21 12:49	56-55-3	
Benzo(a)pyrene	0.12 U	ug/L	0.20	0.12	1	01/24/21 22:45	01/25/21 12:49	50-32-8	
Benzo(b)fluoranthene	0.027 U	ug/L	0.10	0.027	1	01/24/21 22:45	01/25/21 12:49	205-99-2	
Benzo(g,h,i)perylene	0.15 U	ug/L	0.50	0.15	1	01/24/21 22:45	01/25/21 12:49	191-24-2	
Benzo(k)fluoranthene	0.16 U	ug/L	0.50	0.16	1	01/24/21 22:45	01/25/21 12:49	207-08-9	
Chrysene	0.026 U	ug/L	0.50	0.026	1	01/24/21 22:45	01/25/21 12:49	218-01-9	
Dibenz(a,h)anthracene	0.13 U	ug/L	0.15	0.13	1	01/24/21 22:45	01/25/21 12:49	53-70-3	
Fluoranthene	0.023 I	ug/L	0.50	0.018	1	01/24/21 22:45	01/25/21 12:49	206-44-0	
Fluorene	0.088 U	ug/L	0.50	0.088	1	01/24/21 22:45	01/25/21 12:49	86-73-7	
Indeno(1,2,3-cd)pyrene	0.12 U	ug/L	0.15	0.12	1	01/24/21 22:45	01/25/21 12:49	193-39-5	
1-Methylnaphthalene	0.19 U	ug/L	2.0	0.19	1	01/24/21 22:45	01/25/21 12:49	90-12-0	
2-Methylnaphthalene	0.68 U	ug/L	2.0	0.68	1	01/24/21 22:45	01/25/21 12:49	91-57-6	
Naphthalene	0.29 U	ug/L	2.0	0.29	1	01/24/21 22:45	01/25/21 12:49	91-20-3	
Phenanthrene	0.16 U	ug/L	0.50	0.16	1	01/24/21 22:45	01/25/21 12:49	85-01-8	
Pyrene	0.032 U	ug/L	0.50	0.032	1	01/24/21 22:45	01/25/21 12:49	129-00-0	
<i>Surrogates</i>									
2-Fluorobiphenyl (S)	59	%	32-100		1	01/24/21 22:45	01/25/21 12:49	321-60-8	
p-Terphenyl-d14 (S)	88	%	48-112		1	01/24/21 22:45	01/25/21 12:49	1718-51-0	

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ANALYTICAL RESULTS

Project: Speedway # 6893

Pace Project No.: 35606413

Sample: MWH 01212021 **Lab ID: 35606413003** Collected: 01/21/21 11:01 Received: 01/21/21 12:17 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Ormond Beach									
Acetone	5.3 U	ug/L	25.0	5.3	1		01/23/21 08:34	67-64-1	
Acetonitrile	25.0 U	ug/L	50.0	25.0	1		01/23/21 08:34	75-05-8	
Benzene	0.30 U	ug/L	1.0	0.30	1		01/23/21 08:34	71-43-2	
Bromochloromethane	0.37 U	ug/L	1.0	0.37	1		01/23/21 08:34	74-97-5	
Bromodichloromethane	0.19 U	ug/L	1.0	0.19	1		01/23/21 08:34	75-27-4	
Bromoform	0.48 U	ug/L	3.0	0.48	1		01/23/21 08:34	75-25-2	
Bromomethane	8.1 U	ug/L	10.0	8.1	1		01/23/21 08:34	74-83-9	J(v2)
2-Butanone (MEK)	21.0 U	ug/L	50.0	21.0	1		01/23/21 08:34	78-93-3	
Carbon disulfide	1.8 U	ug/L	10.0	1.8	1		01/23/21 08:34	75-15-0	
Carbon tetrachloride	0.44 U	ug/L	3.0	0.44	1		01/23/21 08:34	56-23-5	
Chlorobenzene	0.35 U	ug/L	1.0	0.35	1		01/23/21 08:34	108-90-7	
Chloroethane	3.7 U	ug/L	10.0	3.7	1		01/23/21 08:34	75-00-3	
Chloroform	0.32 U	ug/L	1.0	0.32	1		01/23/21 08:34	67-66-3	
Chloromethane	0.43 U	ug/L	1.0	0.43	1		01/23/21 08:34	74-87-3	J(v2)
1,2-Dibromo-3-chloropropane	1.9 U	ug/L	5.0	1.9	1		01/23/21 08:34	96-12-8	
Dibromochloromethane	0.45 U	ug/L	2.0	0.45	1		01/23/21 08:34	124-48-1	
Dibromomethane	0.68 U	ug/L	2.0	0.68	1		01/23/21 08:34	74-95-3	
1,2-Dichlorobenzene	0.60 U	ug/L	1.0	0.60	1		01/23/21 08:34	95-50-1	
1,4-Dichlorobenzene	0.28 U	ug/L	1.0	0.28	1		01/23/21 08:34	106-46-7	
trans-1,4-Dichloro-2-butene	2.5 U	ug/L	10.0	2.5	1		01/23/21 08:34	110-57-6	J(v2)
1,1-Dichloroethane	0.34 U	ug/L	1.0	0.34	1		01/23/21 08:34	75-34-3	
1,2-Dichloroethane	0.27 U	ug/L	1.0	0.27	1		01/23/21 08:34	107-06-2	
1,2-Dichloroethene (Total)	0.27 U	ug/L	1.0	0.27	1		01/23/21 08:34	540-59-0	N2
1,1-Dichloroethene	0.59 U	ug/L	1.0	0.59	1		01/23/21 08:34	75-35-4	
cis-1,2-Dichloroethene	0.27 U	ug/L	1.0	0.27	1		01/23/21 08:34	156-59-2	
trans-1,2-Dichloroethene	0.23 U	ug/L	1.0	0.23	1		01/23/21 08:34	156-60-5	
1,2-Dichloropropane	0.23 U	ug/L	1.0	0.23	1		01/23/21 08:34	78-87-5	
cis-1,3-Dichloropropene	0.17 U	ug/L	1.0	0.17	1		01/23/21 08:34	10061-01-5	
trans-1,3-Dichloropropene	0.37 U	ug/L	1.0	0.37	1		01/23/21 08:34	10061-02-6	
Ethylbenzene	0.30 U	ug/L	1.0	0.30	1		01/23/21 08:34	100-41-4	
2-Hexanone	3.2 U	ug/L	25.0	3.2	1		01/23/21 08:34	591-78-6	
Iodomethane	9.3 U	ug/L	10.0	9.3	1		01/23/21 08:34	74-88-4	J(v2)
Isopropylbenzene (Cumene)	0.30 U	ug/L	1.0	0.30	1		01/23/21 08:34	98-82-8	
Methylene Chloride	4.4 U	ug/L	5.0	4.4	1		01/23/21 08:34	75-09-2	
4-Methyl-2-pentanone (MIBK)	7.5 U	ug/L	25.0	7.5	1		01/23/21 08:34	108-10-1	
Methyl-tert-butyl ether	4.4 U	ug/L	5.0	4.4	1		01/23/21 08:34	1634-04-4	
Styrene	0.26 U	ug/L	1.0	0.26	1		01/23/21 08:34	100-42-5	
1,1,1,2-Tetrachloroethane	0.32 U	ug/L	1.0	0.32	1		01/23/21 08:34	630-20-6	
1,1,2,2-Tetrachloroethane	0.59 U	ug/L	1.0	0.59	1		01/23/21 08:34	79-34-5	
Tetrachloroethene	0.38 U	ug/L	1.0	0.38	1		01/23/21 08:34	127-18-4	
Toluene	0.71 I	ug/L	1.0	0.33	1		01/23/21 08:34	108-88-3	
1,1,1-Trichloroethane	0.30 U	ug/L	1.0	0.30	1		01/23/21 08:34	71-55-6	
1,1,2-Trichloroethane	0.30 U	ug/L	1.0	0.30	1		01/23/21 08:34	79-00-5	
Trichloroethene	0.36 U	ug/L	1.0	0.36	1		01/23/21 08:34	79-01-6	
Trichlorofluoromethane	0.35 U	ug/L	1.0	0.35	1		01/23/21 08:34	75-69-4	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Speedway # 6893

Pace Project No.: 35606413

Sample: MWH 01212021 **Lab ID: 35606413003** Collected: 01/21/21 11:01 Received: 01/21/21 12:17 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Ormond Beach									
1,2,3-Trichloropropane	0.53 U	ug/L	2.0	0.53	1		01/23/21 08:34	96-18-4	
1,2,4-Trimethylbenzene	0.24 U	ug/L	1.0	0.24	1		01/23/21 08:34	95-63-6	
1,3,5-Trimethylbenzene	0.24 U	ug/L	1.0	0.24	1		01/23/21 08:34	108-67-8	
Vinyl acetate	1.8 U	ug/L	10.0	1.8	1		01/23/21 08:34	108-05-4	
Vinyl chloride	0.39 U	ug/L	1.0	0.39	1		01/23/21 08:34	75-01-4	
Xylene (Total)	2.1 U	ug/L	5.0	2.1	1		01/23/21 08:34	1330-20-7	
m&p-Xylene	2.1 U	ug/L	4.0	2.1	1		01/23/21 08:34	179601-23-1	
o-Xylene	0.57 U	ug/L	1.0	0.57	1		01/23/21 08:34	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	105	%	70-130		1		01/23/21 08:34	460-00-4	
Toluene-d8 (S)	96	%	70-130		1		01/23/21 08:34	2037-26-5	
1,2-Dichlorobenzene-d4 (S)	100	%	70-130		1		01/23/21 08:34	2199-69-1	

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QUALITY CONTROL DATA

Project: Speedway # 6893

Pace Project No.: 35606413

QC Batch:	699384	Analysis Method:	EPA 6010
QC Batch Method:	EPA 3010	Analysis Description:	6010 MET
		Laboratory:	Pace Analytical Services - Ormond Beach

Associated Lab Samples: 35606413001, 35606413002, 35606413003

METHOD BLANK: 3808460 Matrix: Water

Associated Lab Samples: 35606413001, 35606413002, 35606413003

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Lead	ug/L	4.6 U	10.0	4.6	01/26/21 12:43	

LABORATORY CONTROL SAMPLE: 3808461

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Lead	ug/L	250	260	104	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3808462 3808463

Parameter	Units	35606285030		3808463		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result						
Lead	ug/L	4.8 I	250	250	265	269	104	106	75-125	1	20

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QUALITY CONTROL DATA

Project: Speedway # 6893
Pace Project No.: 35606413

QC Batch:	698906	Analysis Method:	EPA 8260
QC Batch Method:	EPA 8260	Analysis Description:	8260 MSV
		Laboratory:	Pace Analytical Services - Ormond Beach

Associated Lab Samples: 35606413001, 35606413002, 35606413003

METHOD BLANK: 3805819 Matrix: Water
Associated Lab Samples: 35606413001, 35606413002, 35606413003

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	0.32 U	1.0	0.32	01/23/21 01:50	
1,1,1-Trichloroethane	ug/L	0.30 U	1.0	0.30	01/23/21 01:50	
1,1,2,2-Tetrachloroethane	ug/L	0.59 U	1.0	0.59	01/23/21 01:50	
1,1,2-Trichloroethane	ug/L	0.30 U	1.0	0.30	01/23/21 01:50	
1,1-Dichloroethane	ug/L	0.34 U	1.0	0.34	01/23/21 01:50	
1,1-Dichloroethene	ug/L	0.59 U	1.0	0.59	01/23/21 01:50	
1,2,3-Trichloropropane	ug/L	0.53 U	2.0	0.53	01/23/21 01:50	
1,2,4-Trimethylbenzene	ug/L	0.24 U	1.0	0.24	01/23/21 01:50	
1,2-Dibromo-3-chloropropane	ug/L	1.9 U	5.0	1.9	01/23/21 01:50	
1,2-Dichlorobenzene	ug/L	0.60 U	1.0	0.60	01/23/21 01:50	
1,2-Dichloroethane	ug/L	0.27 U	1.0	0.27	01/23/21 01:50	
1,2-Dichloroethene (Total)	ug/L	0.27 U	1.0	0.27	01/23/21 01:50	N2
1,2-Dichloropropane	ug/L	0.23 U	1.0	0.23	01/23/21 01:50	
1,3,5-Trimethylbenzene	ug/L	0.24 U	1.0	0.24	01/23/21 01:50	
1,4-Dichlorobenzene	ug/L	0.28 U	1.0	0.28	01/23/21 01:50	
2-Butanone (MEK)	ug/L	21.0 U	50.0	21.0	01/23/21 01:50	
2-Hexanone	ug/L	3.2 U	25.0	3.2	01/23/21 01:50	
4-Methyl-2-pentanone (MIBK)	ug/L	7.5 U	25.0	7.5	01/23/21 01:50	
Acetone	ug/L	5.3 U	25.0	5.3	01/23/21 01:50	
Acetonitrile	ug/L	25.0 U	50.0	25.0	01/23/21 01:50	
Benzene	ug/L	0.30 U	1.0	0.30	01/23/21 01:50	
Bromochloromethane	ug/L	0.37 U	1.0	0.37	01/23/21 01:50	
Bromodichloromethane	ug/L	0.19 U	1.0	0.19	01/23/21 01:50	
Bromoform	ug/L	0.48 U	3.0	0.48	01/23/21 01:50	
Bromomethane	ug/L	8.1 U	10.0	8.1	01/23/21 01:50	J(v2)
Carbon disulfide	ug/L	1.8 U	10.0	1.8	01/23/21 01:50	
Carbon tetrachloride	ug/L	0.44 U	3.0	0.44	01/23/21 01:50	
Chlorobenzene	ug/L	0.35 U	1.0	0.35	01/23/21 01:50	
Chloroethane	ug/L	3.7 U	10.0	3.7	01/23/21 01:50	
Chloroform	ug/L	0.32 U	1.0	0.32	01/23/21 01:50	
Chloromethane	ug/L	0.43 U	1.0	0.43	01/23/21 01:50	J(v2)
cis-1,2-Dichloroethene	ug/L	0.27 U	1.0	0.27	01/23/21 01:50	
cis-1,3-Dichloropropene	ug/L	0.17 U	1.0	0.17	01/23/21 01:50	
Dibromochloromethane	ug/L	0.45 U	2.0	0.45	01/23/21 01:50	
Dibromomethane	ug/L	0.68 U	2.0	0.68	01/23/21 01:50	
Ethylbenzene	ug/L	0.30 U	1.0	0.30	01/23/21 01:50	
Iodomethane	ug/L	9.3 U	10.0	9.3	01/23/21 01:50	J(v2)
Isopropylbenzene (Cumene)	ug/L	0.30 U	1.0	0.30	01/23/21 01:50	
m&p-Xylene	ug/L	2.1 U	4.0	2.1	01/23/21 01:50	
Methyl-tert-butyl ether	ug/L	4.4 U	5.0	4.4	01/23/21 01:50	

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QUALITY CONTROL DATA

Project: Speedway # 6893

Pace Project No.: 35606413

METHOD BLANK: 3805819

Matrix: Water

Associated Lab Samples: 35606413001, 35606413002, 35606413003

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Methylene Chloride	ug/L	4.4 U	5.0	4.4	01/23/21 01:50	
o-Xylene	ug/L	0.57 U	1.0	0.57	01/23/21 01:50	
Styrene	ug/L	0.26 U	1.0	0.26	01/23/21 01:50	
Tetrachloroethene	ug/L	0.38 U	1.0	0.38	01/23/21 01:50	
Toluene	ug/L	0.33 U	1.0	0.33	01/23/21 01:50	
trans-1,2-Dichloroethene	ug/L	0.23 U	1.0	0.23	01/23/21 01:50	
trans-1,3-Dichloropropene	ug/L	0.37 U	1.0	0.37	01/23/21 01:50	
trans-1,4-Dichloro-2-butene	ug/L	2.5 U	10.0	2.5	01/23/21 01:50	J(v2)
Trichloroethene	ug/L	0.36 U	1.0	0.36	01/23/21 01:50	
Trichlorofluoromethane	ug/L	0.35 U	1.0	0.35	01/23/21 01:50	
Vinyl acetate	ug/L	1.8 U	10.0	1.8	01/23/21 01:50	
Vinyl chloride	ug/L	0.39 U	1.0	0.39	01/23/21 01:50	
Xylene (Total)	ug/L	2.1 U	5.0	2.1	01/23/21 01:50	
1,2-Dichlorobenzene-d4 (S)	%	102	70-130		01/23/21 01:50	
4-Bromofluorobenzene (S)	%	100	70-130		01/23/21 01:50	
Toluene-d8 (S)	%	99	70-130		01/23/21 01:50	

LABORATORY CONTROL SAMPLE: 3805820

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	20	19.1	96	70-130	
1,1,1-Trichloroethane	ug/L	20	20.0	100	70-130	
1,1,2,2-Tetrachloroethane	ug/L	20	19.3	97	68-125	
1,1,2-Trichloroethane	ug/L	20	19.7	99	70-130	
1,1-Dichloroethane	ug/L	20	19.1	96	70-130	
1,1-Dichloroethene	ug/L	20	18.9	95	66-133	
1,2,3-Trichloropropane	ug/L	20	20.3	101	62-127	
1,2,4-Trimethylbenzene	ug/L	20	18.4	92	70-130	
1,2-Dibromo-3-chloropropane	ug/L	20	18.3	91	45-137	
1,2-Dichlorobenzene	ug/L	20	18.1	90	70-130	
1,2-Dichloroethane	ug/L	20	21.1	105	70-130	
1,2-Dichloroethene (Total)	ug/L	40	38.0	95	70-130	N2
1,2-Dichloropropane	ug/L	20	19.1	96	70-130	
1,3,5-Trimethylbenzene	ug/L	20	18.2	91	70-130	
1,4-Dichlorobenzene	ug/L	20	17.7	89	70-130	
2-Butanone (MEK)	ug/L	100	97.0	97	47-143	
2-Hexanone	ug/L	100	91.4	91	48-145	
4-Methyl-2-pentanone (MIBK)	ug/L	100	86.4	86	57-132	
Acetone	ug/L	100	106	106	46-148	
Acetonitrile	ug/L	100	106	106	33-175	
Benzene	ug/L	20	19.3	97	70-130	
Bromochloromethane	ug/L	20	20.0	100	70-130	
Bromodichloromethane	ug/L	20	20.0	100	70-130	
Bromoform	ug/L	20	16.9	84	49-126	

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QUALITY CONTROL DATA

Project: Speedway # 6893

Pace Project No.: 35606413

LABORATORY CONTROL SAMPLE: 3805820

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Bromomethane	ug/L	20	8.1 U	26	10-165	J(v3)
Carbon disulfide	ug/L	20	18.9	95	60-141	
Carbon tetrachloride	ug/L	20	18.9	95	63-126	
Chlorobenzene	ug/L	20	18.4	92	70-130	
Chloroethane	ug/L	20	19.7	99	71-142	
Chloroform	ug/L	20	19.7	99	70-130	
Chloromethane	ug/L	20	15.6	78	40-140	J(v3)
cis-1,2-Dichloroethene	ug/L	20	19.2	96	70-130	
cis-1,3-Dichloropropene	ug/L	20	18.9	94	70-130	
Dibromochloromethane	ug/L	20	19.6	98	62-118	
Dibromomethane	ug/L	20	20.6	103	70-130	
Ethylbenzene	ug/L	20	17.8	89	70-130	
Iodomethane	ug/L	20	9.3 U	22	10-164	J(v3)
Isopropylbenzene (Cumene)	ug/L	20	19.1	95	70-130	
m&p-Xylene	ug/L	40	36.4	91	70-130	
Methyl-tert-butyl ether	ug/L	20	19.6	98	64-124	
Methylene Chloride	ug/L	20	19.7	99	65-136	
o-Xylene	ug/L	20	18.3	92	70-130	
Styrene	ug/L	20	18.7	93	70-130	
Tetrachloroethene	ug/L	20	19.8	99	64-134	
Toluene	ug/L	20	17.8	89	70-130	
trans-1,2-Dichloroethene	ug/L	20	18.8	94	68-127	
trans-1,3-Dichloropropene	ug/L	20	16.8	84	65-121	
trans-1,4-Dichloro-2-butene	ug/L	20	14.3	71	42-129	J(v3)
Trichloroethene	ug/L	20	19.6	98	70-130	
Trichlorofluoromethane	ug/L	20	21.3	106	65-135	
Vinyl acetate	ug/L	20	20.6	103	60-144	
Vinyl chloride	ug/L	20	18.0	90	68-131	
Xylene (Total)	ug/L	60	54.8	91	70-130	
1,2-Dichlorobenzene-d4 (S)	%			99	70-130	
4-Bromofluorobenzene (S)	%			103	70-130	
Toluene-d8 (S)	%			100	70-130	

MATRIX SPIKE SAMPLE: 3805822

Parameter	Units	35606411006 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	0.32 U	20	14.4	72	70-130	
1,1,1-Trichloroethane	ug/L	0.30 U	20	14.3	71	70-130	
1,1,2,2-Tetrachloroethane	ug/L	0.59 U	20	15.6	78	68-125	
1,1,2-Trichloroethane	ug/L	0.30 U	20	19.7	98	70-130	
1,1-Dichloroethane	ug/L	0.34 U	20	14.5	73	70-130	
1,1-Dichloroethene	ug/L	0.59 U	20	13.4	67	66-133	
1,2,3-Trichloropropane	ug/L	0.53 U	20	15.5	77	62-127	
1,2,4-Trimethylbenzene	ug/L	36.5	20	43.1	33	70-130	J(M1)
1,2-Dibromo-3-chloropropane	ug/L	1.9 U	20	13.2	66	45-137	

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QUALITY CONTROL DATA

Project: Speedway # 6893

Pace Project No.: 35606413

MATRIX SPIKE SAMPLE:	3805822	35606411006	Spike	MS	MS	% Rec	
Parameter	Units	Result	Conc.	Result	% Rec	Limits	Qualifiers
1,2-Dichlorobenzene	ug/L	0.60 U	20	12.0	60	70-130	J(M1)
1,2-Dichloroethane	ug/L	0.27 U	20	15.3	76	70-130	
1,2-Dichloroethene (Total)	ug/L	0.27 U	40	26.9	67	70-130	N2
1,2-Dichloropropane	ug/L	0.23 U	20	17.0	85	70-130	
1,3,5-Trimethylbenzene	ug/L	0.24 U	20	22.7	114	70-130	
1,4-Dichlorobenzene	ug/L	0.53 I	20	10.8	52	70-130	J(M1)
2-Butanone (MEK)	ug/L	21.0 U	100	114	114	47-143	
2-Hexanone	ug/L	3.2 U	100	76.9	77	48-145	
4-Methyl-2-pentanone (MIBK)	ug/L	7.5 U	100	74.1	74	57-132	
Acetone	ug/L	5.3 U	100	90.3	90	46-148	
Acetonitrile	ug/L	25.0 U	100	83.1	83	33-175	
Benzene	ug/L	3.5	20	19.2	79	70-130	
Bromochloromethane	ug/L	0.37 U	20	16.0	80	70-130	
Bromodichloromethane	ug/L	0.19 U	20	16.2	81	70-130	
Bromoform	ug/L	0.48 U	20	12.3	62	49-126	
Bromomethane	ug/L	8.1 U	20	8.1 U	27	10-165	J(v3)
Carbon disulfide	ug/L	1.8 U	20	10.1	50	60-141	J(M1)
Carbon tetrachloride	ug/L	0.44 U	20	11.9	59	63-126	J(M1)
Chlorobenzene	ug/L	1.9	20	15.1	66	70-130	J(M1)
Chloroethane	ug/L	3.7 U	20	19.1	95	71-142	
Chloroform	ug/L	0.32 U	20	16.8	84	70-130	
Chloromethane	ug/L	0.43 U	20	15.0	75	40-140	J(v3)
cis-1,2-Dichloroethene	ug/L	0.27 U	20	15.5	77	70-130	
cis-1,3-Dichloropropene	ug/L	0.17 U	20	14.0	70	70-130	
Dibromochloromethane	ug/L	0.45 U	20	14.6	73	62-118	
Dibromomethane	ug/L	0.68 U	20	15.8	79	70-130	
Ethylbenzene	ug/L	60.9	20	68.0	36	70-130	J(M1)
Iodomethane	ug/L	9.3 U	20	9.3 U	24	10-164	J(v3)
Isopropylbenzene (Cumene)	ug/L	225	20	251	129	70-130	L
m&p-Xylene	ug/L	17.3	40	39.7	56	70-130	J(M1)
Methyl-tert-butyl ether	ug/L	4.4 U	20	19.0	92	64-124	
Methylene Chloride	ug/L	4.4 U	20	15.2	76	65-136	
o-Xylene	ug/L	0.57 U	20	14.8	74	70-130	
Styrene	ug/L	0.26 U	20	13.3	66	70-130	J(M1)
Tetrachloroethene	ug/L	0.38 U	20	9.1	45	64-134	J(M1)
Toluene	ug/L	1.7	20	15.0	67	70-130	J(M1)
trans-1,2-Dichloroethene	ug/L	0.23 U	20	11.4	57	68-127	J(M1)
trans-1,3-Dichloropropene	ug/L	0.37 U	20	12.4	62	65-121	J(M1)
trans-1,4-Dichloro-2-butene	ug/L	2.5 U	20	9.5 I	47	42-129	J(v3)
Trichloroethene	ug/L	0.36 U	20	13.1	66	70-130	J(M1)
Trichlorofluoromethane	ug/L	0.35 U	20	18.4	92	65-135	
Vinyl acetate	ug/L	1.8 U	20	15.9	80	60-144	
Vinyl chloride	ug/L	0.39 U	20	17.8	89	68-131	
Xylene (Total)	ug/L	17.3	60	54.5	62	70-130	MS
1,2-Dichlorobenzene-d4 (S)	%				100	70-130	
4-Bromofluorobenzene (S)	%				101	70-130	
Toluene-d8 (S)	%				98	70-130	

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QUALITY CONTROL DATA

Project: Speedway # 6893

Pace Project No.: 35606413

SAMPLE DUPLICATE: 3805821

Parameter	Units	35606411005 Result	Dup Result	RPD	Max RPD	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	0.32 U	0.32 U		40	
1,1,1-Trichloroethane	ug/L	0.30 U	0.30 U		40	
1,1,2,2-Tetrachloroethane	ug/L	0.59 U	0.59 U		40	
1,1,2-Trichloroethane	ug/L	0.30 U	0.30 U		40	
1,1-Dichloroethane	ug/L	0.34 U	0.34 U		40	
1,1-Dichloroethene	ug/L	0.59 U	0.59 U		40	
1,2,3-Trichloropropane	ug/L	0.53 U	0.53 U		40	
1,2,4-Trimethylbenzene	ug/L	0.24 U	0.24 U		40	
1,2-Dibromo-3-chloropropane	ug/L	1.9 U	1.9 U		40	
1,2-Dichlorobenzene	ug/L	0.60 U	0.60 U		40	
1,2-Dichloroethane	ug/L	0.27 U	0.27 U		40	
1,2-Dichloroethene (Total)	ug/L	0.27 U	0.27 U		40	N2
1,2-Dichloropropane	ug/L	0.23 U	0.23 U		40	
1,3,5-Trimethylbenzene	ug/L	0.24 U	0.24 U		40	
1,4-Dichlorobenzene	ug/L	0.28 U	0.28 U		40	
2-Butanone (MEK)	ug/L	21.0 U	21.0 U		40	
2-Hexanone	ug/L	3.2 U	3.2 U		40	
4-Methyl-2-pentanone (MIBK)	ug/L	7.5 U	7.5 U		40	
Acetone	ug/L	5.3 U	5.3 U		40	
Acetonitrile	ug/L	25.0 U	25.0 U		40	
Benzene	ug/L	0.30 U	0.30 U		40	
Bromochloromethane	ug/L	0.37 U	0.37 U		40	
Bromodichloromethane	ug/L	0.19 U	0.19 U		40	
Bromoform	ug/L	0.48 U	0.48 U		40	
Bromomethane	ug/L	8.1 U	8.1 U		40	J(v2)
Carbon disulfide	ug/L	1.8 U	1.8 U		40	
Carbon tetrachloride	ug/L	0.44 U	0.44 U		40	
Chlorobenzene	ug/L	0.35 U	0.35 U		40	
Chloroethane	ug/L	3.7 U	3.7 U		40	
Chloroform	ug/L	0.32 U	0.32 U		40	
Chloromethane	ug/L	0.43 U	0.43 U		40	J(v2)
cis-1,2-Dichloroethene	ug/L	0.27 U	0.27 U		40	
cis-1,3-Dichloropropene	ug/L	0.17 U	0.17 U		40	
Dibromochloromethane	ug/L	0.45 U	0.45 U		40	
Dibromomethane	ug/L	0.68 U	0.68 U		40	
Ethylbenzene	ug/L	0.38 I	0.36 I		40	
Iodomethane	ug/L	9.3 U	9.3 U		40	J(v2)
Isopropylbenzene (Cumene)	ug/L	33.2	32.0	4	40	
m&p-Xylene	ug/L	2.1 U	2.1 U		40	
Methyl-tert-butyl ether	ug/L	4.4 U	4.4 U		40	
Methylene Chloride	ug/L	4.4 U	4.4 U		40	
o-Xylene	ug/L	0.69 I	0.65 I		40	
Styrene	ug/L	0.26 U	0.26 U		40	
Tetrachloroethene	ug/L	0.38 U	0.38 U		40	
Toluene	ug/L	0.33 U	0.33 U		40	
trans-1,2-Dichloroethene	ug/L	0.23 U	0.23 U		40	
trans-1,3-Dichloropropene	ug/L	0.37 U	0.37 U		40	

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QUALITY CONTROL DATA

Project: Speedway # 6893

Pace Project No.: 35606413

SAMPLE DUPLICATE: 3805821

Parameter	Units	35606411005 Result	Dup Result	RPD	Max RPD	Qualifiers
trans-1,4-Dichloro-2-butene	ug/L	2.5 U	2.5 U		40	J(v2)
Trichloroethene	ug/L	0.36 U	0.36 U		40	
Trichlorofluoromethane	ug/L	0.35 U	0.35 U		40	
Vinyl acetate	ug/L	1.8 U	1.8 U		40	
Vinyl chloride	ug/L	0.39 U	0.39 U		40	
Xylene (Total)	ug/L	2.1 U	2.1 U		40	
1,2-Dichlorobenzene-d4 (S)	%	105	103			
4-Bromofluorobenzene (S)	%	100	101		40	
Toluene-d8 (S)	%	100	100		40	

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QUALITY CONTROL DATA

Project: Speedway # 6893

Pace Project No.: 35606413

QC Batch: 699417	Analysis Method: EPA 8011
QC Batch Method: EPA 8011	Analysis Description: 8011 EDB DBCP
	Laboratory: Pace Analytical Services - Ormond Beach

Associated Lab Samples: 35606413001, 35606413002, 35606413003

METHOD BLANK: 3808527 Matrix: Water

Associated Lab Samples: 35606413001, 35606413002, 35606413003

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,2-Dibromoethane (EDB)	ug/L	0.0075 U	0.010	0.0075	01/26/21 02:12	

LABORATORY CONTROL SAMPLE: 3808528

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2-Dibromoethane (EDB)	ug/L	0.25	0.25	102	60-140	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3808529 3808530

Parameter	Units	35606249005		3808530		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual	
		MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result							
1,2-Dibromoethane (EDB)	ug/L	0.0072 U	0.43	0.44	0.49	0.48	114	110	60-140	3	40	

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QUALITY CONTROL DATA

Project: Speedway # 6893

Pace Project No.: 35606413

QC Batch:	698981	Analysis Method:	EPA 8270 by SIM
QC Batch Method:	EPA 3510	Analysis Description:	8270 Water PAHLV by SIM MSSV
		Laboratory:	Pace Analytical Services - Ormond Beach

Associated Lab Samples: 35606413001, 35606413002, 35606413003

METHOD BLANK: 3806458 Matrix: Water

Associated Lab Samples: 35606413001, 35606413002, 35606413003

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1-Methylnaphthalene	ug/L	0.19 U	2.0	0.19	01/25/21 07:16	
2-Methylnaphthalene	ug/L	0.68 U	2.0	0.68	01/25/21 07:16	
Acenaphthene	ug/L	0.040 U	0.50	0.040	01/25/21 07:16	
Acenaphthylene	ug/L	0.030 U	0.50	0.030	01/25/21 07:16	
Anthracene	ug/L	0.043 U	0.50	0.043	01/25/21 07:16	
Benzo(a)anthracene	ug/L	0.055 U	0.10	0.055	01/25/21 07:16	
Benzo(a)pyrene	ug/L	0.12 U	0.20	0.12	01/25/21 07:16	
Benzo(b)fluoranthene	ug/L	0.027 U	0.10	0.027	01/25/21 07:16	
Benzo(g,h,i)perylene	ug/L	0.15 U	0.50	0.15	01/25/21 07:16	
Benzo(k)fluoranthene	ug/L	0.16 U	0.50	0.16	01/25/21 07:16	
Chrysene	ug/L	0.026 U	0.50	0.026	01/25/21 07:16	
Dibenz(a,h)anthracene	ug/L	0.13 U	0.15	0.13	01/25/21 07:16	
Fluoranthene	ug/L	0.018 U	0.50	0.018	01/25/21 07:16	
Fluorene	ug/L	0.088 U	0.50	0.088	01/25/21 07:16	
Indeno(1,2,3-cd)pyrene	ug/L	0.12 U	0.15	0.12	01/25/21 07:16	
Naphthalene	ug/L	0.29 U	2.0	0.29	01/25/21 07:16	
Phenanthrene	ug/L	0.16 U	0.50	0.16	01/25/21 07:16	
Pyrene	ug/L	0.032 U	0.50	0.032	01/25/21 07:16	
2-Fluorobiphenyl (S)	%	53	32-100		01/25/21 07:16	
p-Terphenyl-d14 (S)	%	88	48-112		01/25/21 07:16	

LABORATORY CONTROL SAMPLE: 3806459

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1-Methylnaphthalene	ug/L	5	2.4	48	34-103	
2-Methylnaphthalene	ug/L	5	2.4	47	35-100	
Acenaphthene	ug/L	5	2.4	48	38-102	
Acenaphthylene	ug/L	5	2.4	49	35-97	
Anthracene	ug/L	5	3.4	69	46-107	
Benzo(a)anthracene	ug/L	5	4.3	86	55-113	
Benzo(a)pyrene	ug/L	5	4.0	79	51-112	
Benzo(b)fluoranthene	ug/L	5	4.3	87	58-116	
Benzo(g,h,i)perylene	ug/L	5	3.6	73	45-116	
Benzo(k)fluoranthene	ug/L	5	4.4	87	58-118	
Chrysene	ug/L	5	4.5	89	58-120	
Dibenz(a,h)anthracene	ug/L	5	3.4	68	46-114	
Fluoranthene	ug/L	5	4.1	82	54-118	
Fluorene	ug/L	5	2.7	54	40-105	
Indeno(1,2,3-cd)pyrene	ug/L	5	3.5	71	46-114	

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QUALITY CONTROL DATA

Project: Speedway # 6893

Pace Project No.: 35606413

LABORATORY CONTROL SAMPLE: 3806459

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Naphthalene	ug/L	5	2.3	46	34-97	
Phenanthrene	ug/L	5	3.4	68	47-110	
Pyrene	ug/L	5	4.1	82	54-117	
2-Fluorobiphenyl (S)	%			49	32-100	
p-Terphenyl-d14 (S)	%			88	48-112	

MATRIX SPIKE SAMPLE: 3807882

Parameter	Units	35606411002 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
1-Methylnaphthalene	ug/L	0.53 I	5	2.7	44	34-103	
2-Methylnaphthalene	ug/L	0.68 U	5	2.2	45	35-100	
Acenaphthene	ug/L	0.046 I	5	2.4	47	38-102	
Acenaphthylene	ug/L	0.030 U	5	2.4	47	35-97	
Anthracene	ug/L	0.043 U	5	3.5	69	46-107	
Benzo(a)anthracene	ug/L	0.055 U	5	4.3	86	55-113	
Benzo(a)pyrene	ug/L	0.12 U	5	4.0	80	51-112	
Benzo(b)fluoranthene	ug/L	0.027 U	5	4.3	85	58-116	
Benzo(g,h,i)perylene	ug/L	0.15 U	5	3.7	73	45-116	
Benzo(k)fluoranthene	ug/L	0.16 U	5	4.4	88	58-118	
Chrysene	ug/L	0.026 U	5	4.4	87	58-120	
Dibenz(a,h)anthracene	ug/L	0.13 U	5	3.6	71	46-114	
Fluoranthene	ug/L	0.025 I	5	4.1	81	54-118	
Fluorene	ug/L	0.088 U	5	2.7	54	40-105	
Indeno(1,2,3-cd)pyrene	ug/L	0.12 U	5	3.6	73	46-114	
Naphthalene	ug/L	0.48 I	5	2.5	41	34-97	
Phenanthrene	ug/L	0.16 U	5	3.4	69	47-110	
Pyrene	ug/L	0.033 I	5	4.1	82	54-117	
2-Fluorobiphenyl (S)	%				48	32-100	
p-Terphenyl-d14 (S)	%				87	48-112	

SAMPLE DUPLICATE: 3807883

Parameter	Units	35606411003 Result	Dup Result	RPD	Max RPD	Qualifiers
1-Methylnaphthalene	ug/L	0.19 I	0.23 I		40	
2-Methylnaphthalene	ug/L	0.68 U	0.68 U		40	
Acenaphthene	ug/L	0.040 U	0.040 U		40	
Acenaphthylene	ug/L	0.030 U	0.030 U		40	
Anthracene	ug/L	0.043 U	0.043 U		40	
Benzo(a)anthracene	ug/L	0.055 U	0.055 U		40	
Benzo(a)pyrene	ug/L	0.12 U	0.12 U		40	
Benzo(b)fluoranthene	ug/L	0.027 U	0.027 U		40	
Benzo(g,h,i)perylene	ug/L	0.15 U	0.15 U		40	
Benzo(k)fluoranthene	ug/L	0.16 U	0.16 U		40	
Chrysene	ug/L	0.026 U	0.026 U		40	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: Speedway # 6893

Pace Project No.: 35606413

SAMPLE DUPLICATE: 3807883

Parameter	Units	35606411003 Result	Dup Result	RPD	Max RPD	Qualifiers
Dibenz(a,h)anthracene	ug/L	0.13 U	0.13 U		40	
Fluoranthene	ug/L	0.018 U	0.018 U		40	
Fluorene	ug/L	0.088 U	0.088 U		40	
Indeno(1,2,3-cd)pyrene	ug/L	0.12 U	0.12 U		40	
Naphthalene	ug/L	0.29 U	0.29 U		40	
Phenanthrene	ug/L	0.16 U	0.16 U		40	
Pyrene	ug/L	0.032 U	0.032 U		40	
2-Fluorobiphenyl (S)	%	49	56			
p-Terphenyl-d14 (S)	%	85	89			

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QUALITY CONTROL DATA

Project: Speedway # 6893

Pace Project No.: 35606413

QC Batch:	698952	Analysis Method:	FL-PRO
QC Batch Method:	EPA 3510	Analysis Description:	FL-PRO Water Low Volume
		Laboratory:	Pace Analytical Services - Ormond Beach

Associated Lab Samples: 35606413001, 35606413002, 35606413003

METHOD BLANK: 3806141 Matrix: Water

Associated Lab Samples: 35606413001, 35606413002, 35606413003

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Petroleum Range Organics	mg/L	0.80 U	1.0	0.80	01/23/21 03:05	
N-Pentatriacontane (S)	%	93	42-159		01/23/21 03:05	
o-Terphenyl (S)	%	85	66-139		01/23/21 03:05	

LABORATORY CONTROL SAMPLE: 3806142

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Petroleum Range Organics	mg/L	5	3.5	71	66-119	
N-Pentatriacontane (S)	%			92	42-159	
o-Terphenyl (S)	%			90	66-139	

MATRIX SPIKE SAMPLE: 3806208

Parameter	Units	35606411006 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Petroleum Range Organics	mg/L	2.2	4.8	6.3	85	65-123	
N-Pentatriacontane (S)	%				94	42-159	
o-Terphenyl (S)	%				87	66-139	

SAMPLE DUPLICATE: 3806209

Parameter	Units	35606411009 Result	Dup Result	RPD	Max RPD	Qualifiers
Petroleum Range Organics	mg/L	0.74 U	0.75 U		20	
N-Pentatriacontane (S)	%	89	94			
o-Terphenyl (S)	%	89	86			

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REPORT OF LABORATORY ANALYSIS

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QUALIFIERS

Project: Speedway # 6893

Pace Project No.: 35606413

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit - The lowest concentration value that meets project requirements for quantitative data with known precision and bias for a specific analyte in a specific matrix.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

I	The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit.
U	Compound was analyzed for but not detected.
J(M1)	Estimated Value. Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.
J(v2)	The continuing calibration verification was below the method acceptance limit. The analyte was not detected in the associated samples and the sensitivity of the instrument was verified with a reporting limit check standard.
J(v3)	The continuing calibration verification was below the method acceptance limit. Any detection for the analyte in the associated samples may have a low bias.
L	Off-scale high. Actual value is known to be greater than value given.
MS	Analyte recovery in the matrix spike was outside QC limits for one or more of the constituent analytes used in the calculated result.
N2	The lab does not hold NELAC/TNI accreditation for this parameter but other accreditations/certifications may apply. A complete list of accreditations/certifications is available upon request.

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Speedway # 6893

Pace Project No.: 35606413

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
35606413001	MW G 01212021				
35606413002	CW1 01212021				
35606413003	MWH 01212021				
35606413001	MW G 01212021	EPA 8011	699417	EPA 8011	699499
35606413002	CW1 01212021	EPA 8011	699417	EPA 8011	699499
35606413003	MWH 01212021	EPA 8011	699417	EPA 8011	699499
35606413001	MW G 01212021	EPA 3510	698952	FL-PRO	699006
35606413002	CW1 01212021	EPA 3510	698952	FL-PRO	699006
35606413003	MWH 01212021	EPA 3510	698952	FL-PRO	699006
35606413001	MW G 01212021	EPA 3010	699384	EPA 6010	699471
35606413002	CW1 01212021	EPA 3010	699384	EPA 6010	699471
35606413003	MWH 01212021	EPA 3010	699384	EPA 6010	699471
35606413001	MW G 01212021	EPA 3510	698981	EPA 8270 by SIM	699216
35606413002	CW1 01212021	EPA 3510	698981	EPA 8270 by SIM	699216
35606413003	MWH 01212021	EPA 3510	698981	EPA 8270 by SIM	699216
35606413001	MW G 01212021	EPA 8260	698906		
35606413002	CW1 01212021	EPA 8260	698906		
35606413003	MWH 01212021	EPA 8260	698906		

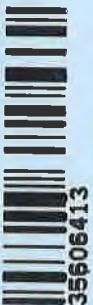
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**CHAIN-OF-
The Chain-of-Custody**

WO# : 35606413



It d accurately.

Section B

Required Project Information:

Company: TERRA-COM Environmental Consulting, Inc. - Jacksonville
 Address: 112 43rd Ave SW
 Vero Beach, FL 32968
 Email: phoffken@terra-comenv.com
 Phone: (772)217-8502
 Fax:
 Requested Due Date:

Attention:
 Company Name:
 Address:
 Pace Quote:
 Pace Project Manager: todd.ree@pacelabs.com
 Pace Profile #: 11442-9

Regulatory Agency:
 State / Location: FL

Section A

Required Client Information:

Report To: Philip Hoffken
 Copy To:
 Purchase Order #:
 Project Name: Speedway # 6893
 Project #: **2020-0087**

ITEM	MATRIX <small>Drinking Water Water Waste Water Product Soil/Solid Oil Wipe Air Other Tissue</small>	CODE <small>DW WT WW P SL OL WP AR OT TS</small>	COLLECTED				MATRIX CODE (see valid codes to left) SAMPLE TYPE (G=GRAB C=COMP)	# OF CONTAINERS	Preservatives <small>Unpreserved H2SO4 HNO3 HCl NaOH Na2SO3 Methanol Other</small>	Analyses Test Y/N	Requested Analysis Filtered (Y/N)	Received on	TEMP in C	SAMPLE CONDITIONS
			START DATE	START TIME	END DATE	END TIME								
			SAMPLER NAME AND SIGNATURE											
1	MW G 01212021		12/17/21	12:15	12/17/21	12:15	93213		X X X X X X		12/21/21	48	Y N Y	
2	MW 1 01212021		12/17/21	10:54	12/17/21	1400	93213		X X X X X X		12/21/21	48	Y N Y	
3	MW H 01212021		12/17/21	11:01			93213		X X X X X X					
4														
5														
6														
7														
8														
9														
10														
11														
12														

ADDITIONAL COMMENTS: **FAK ID 13/8506324**

FAC ID 13/8506324
 TERRA-COM # 2020-0087

RELINQUISHED BY / AFFILIATION: **DAVID CASYB**
 DATE: **12/17/21 12:15**

ACCEPTED BY / AFFILIATION: **Daypull PAB**
 DATE: **12/21/21 12:17**

SIGNATURE of SAMPLER: **David Casybe**
 DATE Signed: **12/21/21**

SIGNATURE of SAMPLER: **[Signature]**

SAMPLER NAME AND SIGNATURE: **[Signature]**
 PRINT Name of SAMPLER: **David Casybe**
 SIGNATURE of SAMPLER: **[Signature]**

WO#: 35606413

CUR

Project #
Project Manager:
Client:

PM: TSR **Due Date: 01/28/21**
CLIENT: TERCOM

Date and Initials of person:
Examining contents: _____
Label: _____
Deliver: 1/21
pH: _____

Thermometer Used: T-337 Date: 1/21/21 Time: 22:50 Initials: UJT

State of Origin: _____ For WV projects, all containers verified to $\leq 6^\circ\text{C}$

Cooler #1 Temp. °C 4.8 (Visual) 70 (Correction Factor) 4.8 (Actual)
Cooler #2 Temp. °C 2.4 (Visual) _____ (Correction Factor) 2.4 (Actual)
Cooler #3 Temp. °C 1.7 (Visual) _____ (Correction Factor) 1.7 (Actual)
Cooler #4 Temp. °C 2.6 (Visual) _____ (Correction Factor) 2.6 (Actual)
Cooler #5 Temp. °C 4.4 (Visual) _____ (Correction Factor) 4.4 (Actual)
Cooler #6 Temp. °C _____ (Visual) _____ (Correction Factor) _____ (Actual)

Samples on ice, cooling process has begun
 Samples on ice, cooling process has begun
 Samples on ice, cooling process has begun
 Samples on ice, cooling process has begun
 Samples on ice, cooling process has begun
 Samples on ice, cooling process has begun

Courier: Fed Ex UPS USPS Client Commercial Pace Other _____

Shipping Method: First Overnight Priority Overnight Standard Overnight Ground International Priority
 Other _____

Billing: Recipient Sender Third Party Credit Card Unknown

Tracking # _____

Custody Seal on Cooler/Box Present: Yes No Seals Intact: Yes No Ice: Wet Blue Dry None

Packing Material: Bubble Wrap Bubble Bags None Other _____

Samples shorted to lab (If Yes, complete) Shorted Date: _____ Shorted Time: _____ Qty: _____

Comments:

Chain of Custody Present	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	<p>Preservation Information:</p> <p>Preservative: _____</p> <p>Lot #/Trace #: _____</p> <p>Date: _____ Time: _____</p> <p>Initials: _____</p>
Chain of Custody Filled Out	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Relinquished Signature & Sampler Name COC	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Samples Arrived within Hold Time	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Rush TAT requested on COC	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	
Sufficient Volume	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Correct Containers Used	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Containers Intact	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Sample Labels match COC (sample IDs & date/time of collection)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
All containers needing acid/base preservation have been checked.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
All Containers needing preservation are found to be in compliance with EPA recommendation:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Exceptions: VOA, Coliform, TOC, O&G, Carbamates		
Headspace in VOA Vials? (>6mm):	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	
Trip Blank Present:	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	

Client Notification/ Resolution:

Person Contacted: _____ Date/Time: _____

Comments/ Resolution (use back for additional comments): _____

Project Manager Review: _____ Date: _____

January 28, 2021

Mr. Philip Hoffken
TERRA-COM Environmental Consulting, Inc.
112 43rd Ave SW
Vero Beach, FL 32968

RE: Project: Speedway # 6893
Pace Project No.: 35606415

Dear Mr. Hoffken:

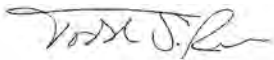
Enclosed are the analytical results for sample(s) received by the laboratory on January 21, 2021. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

The test results provided in this final report were generated by each of the following laboratories within the Pace Network:

- Pace Analytical Services - Ormond Beach

If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Todd Rea
todd.rea@pacelabs.com
(904) 903-7948
Project Manager

Enclosures

cc: Mr. Stuart D. Castle, P.G., TERRA-COM Environmental
Consulting, Inc.



REPORT OF LABORATORY ANALYSIS

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CERTIFICATIONS

Project: Speedway # 6893

Pace Project No.: 35606415

Pace Analytical Services Ormond Beach

8 East Tower Circle, Ormond Beach, FL 32174

Alaska DEC- CS/UST/LUST

Alabama Certification #: 41320

Arizona Certification# AZ0819

Colorado Certification: FL NELAC Reciprocity

Connecticut Certification #: PH-0216

Delaware Certification: FL NELAC Reciprocity

Florida Certification #: E83079

Georgia Certification #: 955

Guam Certification: FL NELAC Reciprocity

Hawaii Certification: FL NELAC Reciprocity

Illinois Certification #: 200068

Indiana Certification: FL NELAC Reciprocity

Kansas Certification #: E-10383

Kentucky Certification #: 90050

Louisiana Certification #: FL NELAC Reciprocity

Louisiana Environmental Certificate #: 05007

Maryland Certification: #346

Michigan Certification #: 9911

Mississippi Certification: FL NELAC Reciprocity

Missouri Certification #: 236

Montana Certification #: Cert 0074

Nebraska Certification: NE-OS-28-14

New Hampshire Certification #: 2958

New Jersey Certification #: FL022

New York Certification #: 11608

North Carolina Environmental Certificate #: 667

North Carolina Certification #: 12710

North Dakota Certification #: R-216

Ohio DEP 87780

Oklahoma Certification #: D9947

Pennsylvania Certification #: 68-00547

Puerto Rico Certification #: FL01264

South Carolina Certification: #96042001

Tennessee Certification #: TN02974

Texas Certification: FL NELAC Reciprocity

US Virgin Islands Certification: FL NELAC Reciprocity

Virginia Environmental Certification #: 460165

West Virginia Certification #: 9962C

Wisconsin Certification #: 399079670

Wyoming (EPA Region 8): FL NELAC Reciprocity

REPORT OF LABORATORY ANALYSIS

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SAMPLE SUMMARY

Project: Speedway # 6893

Pace Project No.: 35606415

Lab ID	Sample ID	Matrix	Date Collected	Date Received
35606415001	MWJ 01202021	Water	01/20/21 14:47	01/21/21 12:17
35606415002	CW11 01202021	Water	01/20/21 15:16	01/21/21 12:17
35606415003	MWI 01202021	Water	01/20/21 15:57	01/21/21 12:17
35606415004	CW13 01202021	Water	01/20/21 16:41	01/21/21 12:17
35606415005	MWL 01202021	Water	01/20/21 16:43	01/21/21 12:17
35606415006	MWA 01202021	Water	01/20/21 15:29	01/21/21 12:17
35606415007	CW10 01212021	Water	01/21/21 08:24	01/21/21 12:17
35606415008	CW2 01212021	Water	01/21/21 08:28	01/21/21 12:17
35606415009	CW9 01212021	Water	01/21/21 09:08	01/21/21 12:17
35606415010	CW6 01212021	Water	01/21/21 09:26	01/21/21 12:17
35606415011	MWC 01212021	Water	01/21/21 09:50	01/21/21 12:17
35606415012	CW3 01212021	Water	01/21/21 10:07	01/21/21 12:17

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SAMPLE ANALYTE COUNT

Project: Speedway # 6893

Pace Project No.: 35606415

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
35606415001	MWJ 01202021	EPA 8011	TSW	1	PASI-O
		FL-PRO	TCB	3	PASI-O
		EPA 6010	KPP	1	PASI-O
		EPA 8270 by SIM	RJR	20	PASI-O
		EPA 8260	AST	56	PASI-O
35606415002	CW11 01202021	EPA 8011	TSW	1	PASI-O
		EPA 6010	KPP	1	PASI-O
		EPA 8260	AST	56	PASI-O
35606415003	MWI 01202021	EPA 8011	TSW	1	PASI-O
		FL-PRO	TCB	3	PASI-O
		EPA 6010	KPP	1	PASI-O
		EPA 8270 by SIM	RJR	20	PASI-O
35606415004	CW13 01202021	EPA 8260	AST	56	PASI-O
		EPA 8011	TSW	1	PASI-O
		FL-PRO	TCB	3	PASI-O
		EPA 6010	KPP	1	PASI-O
		EPA 8270 by SIM	RJR	20	PASI-O
35606415005	MWL 01202021	EPA 8260	AST	56	PASI-O
		EPA 8011	TSW	1	PASI-O
		FL-PRO	TCB	3	PASI-O
		EPA 6010	KPP	1	PASI-O
		EPA 8270 by SIM	RJR	20	PASI-O
35606415006	MWA 01202021	EPA 8260	AST	56	PASI-O
		EPA 8011	TSW	1	PASI-O
		FL-PRO	TCB	3	PASI-O
		EPA 6010	KPP	1	PASI-O
		EPA 8270 by SIM	RJR	20	PASI-O
35606415007	CW10 01212021	EPA 8260	AST	56	PASI-O
		EPA 8011	TSW	1	PASI-O
		EPA 6010	CS3	1	PASI-O
35606415008	CW2 01212021	EPA 8260	AST	56	PASI-O
		EPA 8011	TSW	1	PASI-O
		FL-PRO	TCB	3	PASI-O
		EPA 6010	CS3	1	PASI-O
35606415009	CW9 01212021	EPA 8270 by SIM	RJR	20	PASI-O
		EPA 8260	AST	56	PASI-O
		EPA 8011	TSW	1	PASI-O

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SAMPLE ANALYTE COUNT

Project: Speedway # 6893

Pace Project No.: 35606415

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
		FL-PRO	TCB	3	PASI-O
		EPA 6010	CS3	1	PASI-O
		EPA 8270 by SIM	RJR	20	PASI-O
		EPA 8260	AST	56	PASI-O
35606415010	CW6 01212021	EPA 8011	TSW	1	PASI-O
		EPA 6010	CS3	1	PASI-O
		EPA 8260	AST	56	PASI-O
35606415011	MWC 01212021	EPA 8011	TSW	1	PASI-O
		FL-PRO	TCB	3	PASI-O
		EPA 6010	CS3	1	PASI-O
		EPA 8270 by SIM	RJR	20	PASI-O
		EPA 8260	AST	56	PASI-O
35606415012	CW3 01212021	EPA 8011	TSW	1	PASI-O
		FL-PRO	TCB	3	PASI-O
		EPA 6010	CS3	1	PASI-O
		EPA 8270 by SIM	RJR	20	PASI-O
		EPA 8260	AST	56	PASI-O

PASI-O = Pace Analytical Services - Ormond Beach

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Speedway # 6893

Pace Project No.: 35606415

Sample: MWJ 01202021 **Lab ID: 35606415001** Collected: 01/20/21 14:47 Received: 01/21/21 12:17 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Field Data									
Analytical Method: Pace Analytical Services - Ormond Beach									
Field pH	7.29	Std. Units			1		01/25/21 09:48		
Field Temperature	24.6	deg C			1		01/25/21 09:48		
Field Specific Conductance	663	umhos/cm			1		01/25/21 09:48		
Oxygen, Dissolved	0.77	mg/L			1		01/25/21 09:48	7782-44-7	
REDOX	-144.7	mV			1		01/25/21 09:48		
Turbidity	1.77	NTU			1		01/25/21 09:48		
8011 GCS EDB and DBCP									
Analytical Method: EPA 8011 Preparation Method: EPA 8011 Pace Analytical Services - Ormond Beach									
1,2-Dibromoethane (EDB)	0.0074 U	ug/L	0.0098	0.0074	1	01/25/21 15:46	01/26/21 04:13	106-93-4	
FL-PRO Water, Low Volume									
Analytical Method: FL-PRO Preparation Method: EPA 3510 Pace Analytical Services - Ormond Beach									
Petroleum Range Organics <i>Surrogates</i>	0.77 U	mg/L	0.97	0.77	1	01/22/21 21:38	01/23/21 01:54		
o-Terphenyl (S)	89	%	66-139		1	01/22/21 21:38	01/23/21 01:54	84-15-1	
N-Pentatriacontane (S)	92	%	42-159		1	01/22/21 21:38	01/23/21 01:54	630-07-09	
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3010 Pace Analytical Services - Ormond Beach									
Lead	4.6 U	ug/L	10.0	4.6	1	01/25/21 12:40	01/26/21 13:53	7439-92-1	
8270 MSSV PAHLV by SIM									
Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3510 Pace Analytical Services - Ormond Beach									
Acenaphthene	0.040 U	ug/L	0.50	0.040	1	01/25/21 08:08	01/25/21 12:06	83-32-9	
Acenaphthylene	0.030 U	ug/L	0.50	0.030	1	01/25/21 08:08	01/25/21 12:06	208-96-8	
Anthracene	0.043 U	ug/L	0.50	0.043	1	01/25/21 08:08	01/25/21 12:06	120-12-7	
Benzo(a)anthracene	0.055 U	ug/L	0.10	0.055	1	01/25/21 08:08	01/25/21 12:06	56-55-3	
Benzo(a)pyrene	0.12 U	ug/L	0.20	0.12	1	01/25/21 08:08	01/25/21 12:06	50-32-8	
Benzo(b)fluoranthene	0.027 U	ug/L	0.10	0.027	1	01/25/21 08:08	01/25/21 12:06	205-99-2	
Benzo(g,h,i)perylene	0.15 U	ug/L	0.50	0.15	1	01/25/21 08:08	01/25/21 12:06	191-24-2	
Benzo(k)fluoranthene	0.16 U	ug/L	0.50	0.16	1	01/25/21 08:08	01/25/21 12:06	207-08-9	
Chrysene	0.026 U	ug/L	0.50	0.026	1	01/25/21 08:08	01/25/21 12:06	218-01-9	
Dibenz(a,h)anthracene	0.13 U	ug/L	0.15	0.13	1	01/25/21 08:08	01/25/21 12:06	53-70-3	
Fluoranthene	0.018 U	ug/L	0.50	0.018	1	01/25/21 08:08	01/25/21 12:06	206-44-0	
Fluorene	0.088 U	ug/L	0.50	0.088	1	01/25/21 08:08	01/25/21 12:06	86-73-7	
Indeno(1,2,3-cd)pyrene	0.12 U	ug/L	0.15	0.12	1	01/25/21 08:08	01/25/21 12:06	193-39-5	
1-Methylnaphthalene	0.46 I	ug/L	2.0	0.19	1	01/25/21 08:08	01/25/21 12:06	90-12-0	
2-Methylnaphthalene	0.68 U	ug/L	2.0	0.68	1	01/25/21 08:08	01/25/21 12:06	91-57-6	
Naphthalene	0.63 I	ug/L	2.0	0.29	1	01/25/21 08:08	01/25/21 12:06	91-20-3	
Phenanthrene	0.16 U	ug/L	0.50	0.16	1	01/25/21 08:08	01/25/21 12:06	85-01-8	
Pyrene	0.032 U	ug/L	0.50	0.032	1	01/25/21 08:08	01/25/21 12:06	129-00-0	
<i>Surrogates</i>									
2-Fluorobiphenyl (S)	79	%	32-100		1	01/25/21 08:08	01/25/21 12:06	321-60-8	
p-Terphenyl-d14 (S)	91	%	48-112		1	01/25/21 08:08	01/25/21 12:06	1718-51-0	

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ANALYTICAL RESULTS

Project: Speedway # 6893

Pace Project No.: 35606415

Sample: MWJ 01202021 **Lab ID: 35606415001** Collected: 01/20/21 14:47 Received: 01/21/21 12:17 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Ormond Beach									
Acetone	5.3 U	ug/L	25.0	5.3	1		01/23/21 09:01	67-64-1	
Acetonitrile	25.0 U	ug/L	50.0	25.0	1		01/23/21 09:01	75-05-8	
Benzene	0.30 U	ug/L	1.0	0.30	1		01/23/21 09:01	71-43-2	
Bromochloromethane	0.37 U	ug/L	1.0	0.37	1		01/23/21 09:01	74-97-5	
Bromodichloromethane	0.19 U	ug/L	1.0	0.19	1		01/23/21 09:01	75-27-4	
Bromoform	0.48 U	ug/L	3.0	0.48	1		01/23/21 09:01	75-25-2	
Bromomethane	8.1 U	ug/L	10.0	8.1	1		01/23/21 09:01	74-83-9	J(v2)
2-Butanone (MEK)	21.0 U	ug/L	50.0	21.0	1		01/23/21 09:01	78-93-3	
Carbon disulfide	1.8 U	ug/L	10.0	1.8	1		01/23/21 09:01	75-15-0	
Carbon tetrachloride	0.44 U	ug/L	3.0	0.44	1		01/23/21 09:01	56-23-5	
Chlorobenzene	0.35 U	ug/L	1.0	0.35	1		01/23/21 09:01	108-90-7	
Chloroethane	3.7 U	ug/L	10.0	3.7	1		01/23/21 09:01	75-00-3	
Chloroform	0.32 U	ug/L	1.0	0.32	1		01/23/21 09:01	67-66-3	
Chloromethane	0.43 U	ug/L	1.0	0.43	1		01/23/21 09:01	74-87-3	J(v2)
1,2-Dibromo-3-chloropropane	1.9 U	ug/L	5.0	1.9	1		01/23/21 09:01	96-12-8	
Dibromochloromethane	0.45 U	ug/L	2.0	0.45	1		01/23/21 09:01	124-48-1	
Dibromomethane	0.68 U	ug/L	2.0	0.68	1		01/23/21 09:01	74-95-3	
1,2-Dichlorobenzene	0.60 U	ug/L	1.0	0.60	1		01/23/21 09:01	95-50-1	
1,4-Dichlorobenzene	0.28 U	ug/L	1.0	0.28	1		01/23/21 09:01	106-46-7	
trans-1,4-Dichloro-2-butene	2.5 U	ug/L	10.0	2.5	1		01/23/21 09:01	110-57-6	J(v2)
1,1-Dichloroethane	0.34 U	ug/L	1.0	0.34	1		01/23/21 09:01	75-34-3	
1,2-Dichloroethane	0.27 U	ug/L	1.0	0.27	1		01/23/21 09:01	107-06-2	
1,2-Dichloroethene (Total)	0.27 U	ug/L	1.0	0.27	1		01/23/21 09:01	540-59-0	N2
1,1-Dichloroethene	0.59 U	ug/L	1.0	0.59	1		01/23/21 09:01	75-35-4	
cis-1,2-Dichloroethene	0.27 U	ug/L	1.0	0.27	1		01/23/21 09:01	156-59-2	
trans-1,2-Dichloroethene	0.23 U	ug/L	1.0	0.23	1		01/23/21 09:01	156-60-5	
1,2-Dichloropropane	0.23 U	ug/L	1.0	0.23	1		01/23/21 09:01	78-87-5	
cis-1,3-Dichloropropene	0.17 U	ug/L	1.0	0.17	1		01/23/21 09:01	10061-01-5	
trans-1,3-Dichloropropene	0.37 U	ug/L	1.0	0.37	1		01/23/21 09:01	10061-02-6	
Ethylbenzene	0.30 U	ug/L	1.0	0.30	1		01/23/21 09:01	100-41-4	
2-Hexanone	3.2 U	ug/L	25.0	3.2	1		01/23/21 09:01	591-78-6	
Iodomethane	9.3 U	ug/L	10.0	9.3	1		01/23/21 09:01	74-88-4	J(v2)
Isopropylbenzene (Cumene)	1.9	ug/L	1.0	0.30	1		01/23/21 09:01	98-82-8	
Methylene Chloride	4.4 U	ug/L	5.0	4.4	1		01/23/21 09:01	75-09-2	
4-Methyl-2-pentanone (MIBK)	7.5 U	ug/L	25.0	7.5	1		01/23/21 09:01	108-10-1	
Methyl-tert-butyl ether	4.4 U	ug/L	5.0	4.4	1		01/23/21 09:01	1634-04-4	
Styrene	0.26 U	ug/L	1.0	0.26	1		01/23/21 09:01	100-42-5	
1,1,1,2-Tetrachloroethane	0.32 U	ug/L	1.0	0.32	1		01/23/21 09:01	630-20-6	
1,1,2,2-Tetrachloroethane	0.59 U	ug/L	1.0	0.59	1		01/23/21 09:01	79-34-5	
Tetrachloroethene	0.38 U	ug/L	1.0	0.38	1		01/23/21 09:01	127-18-4	
Toluene	0.33 U	ug/L	1.0	0.33	1		01/23/21 09:01	108-88-3	
1,1,1-Trichloroethane	0.30 U	ug/L	1.0	0.30	1		01/23/21 09:01	71-55-6	
1,1,2-Trichloroethane	0.30 U	ug/L	1.0	0.30	1		01/23/21 09:01	79-00-5	
Trichloroethene	0.36 U	ug/L	1.0	0.36	1		01/23/21 09:01	79-01-6	
Trichlorofluoromethane	0.35 U	ug/L	1.0	0.35	1		01/23/21 09:01	75-69-4	

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ANALYTICAL RESULTS

Project: Speedway # 6893

Pace Project No.: 35606415

Sample: MWJ 01202021 **Lab ID: 35606415001** Collected: 01/20/21 14:47 Received: 01/21/21 12:17 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Ormond Beach									
1,2,3-Trichloropropane	0.53 U	ug/L	2.0	0.53	1		01/23/21 09:01	96-18-4	
1,2,4-Trimethylbenzene	0.24 U	ug/L	1.0	0.24	1		01/23/21 09:01	95-63-6	
1,3,5-Trimethylbenzene	0.24 U	ug/L	1.0	0.24	1		01/23/21 09:01	108-67-8	
Vinyl acetate	1.8 U	ug/L	10.0	1.8	1		01/23/21 09:01	108-05-4	
Vinyl chloride	0.39 U	ug/L	1.0	0.39	1		01/23/21 09:01	75-01-4	
Xylene (Total)	2.1 U	ug/L	5.0	2.1	1		01/23/21 09:01	1330-20-7	
m&p-Xylene	2.1 U	ug/L	4.0	2.1	1		01/23/21 09:01	179601-23-1	
o-Xylene	0.57 U	ug/L	1.0	0.57	1		01/23/21 09:01	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	104	%	70-130		1		01/23/21 09:01	460-00-4	
Toluene-d8 (S)	96	%	70-130		1		01/23/21 09:01	2037-26-5	
1,2-Dichlorobenzene-d4 (S)	102	%	70-130		1		01/23/21 09:01	2199-69-1	

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ANALYTICAL RESULTS

Project: Speedway # 6893

Pace Project No.: 35606415

Sample: CW11 01202021 **Lab ID: 35606415002** Collected: 01/20/21 15:16 Received: 01/21/21 12:17 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Field Data									
Analytical Method: Pace Analytical Services - Ormond Beach									
Field pH	7.04	Std. Units			1		01/25/21 10:34		
Field Temperature	28.6	deg C			1		01/25/21 10:34		
Field Specific Conductance	780	umhos/cm			1		01/25/21 10:34		
Oxygen, Dissolved	0.77	mg/L			1		01/25/21 10:34	7782-44-7	
REDOX	-302.6	mV			1		01/25/21 10:34		
Turbidity	3.97	NTU			1		01/25/21 10:34		
8011 GCS EDB and DBCP									
Analytical Method: EPA 8011 Preparation Method: EPA 8011 Pace Analytical Services - Ormond Beach									
1,2-Dibromoethane (EDB)	0.0077 U	ug/L	0.010	0.0077	1	01/25/21 15:46	01/26/21 04:28	106-93-4	
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3010 Pace Analytical Services - Ormond Beach									
Lead	4.6 U	ug/L	10.0	4.6	1	01/25/21 12:40	01/26/21 13:57	7439-92-1	
8260 MSV									
Analytical Method: EPA 8260 Pace Analytical Services - Ormond Beach									
Acetone	5.3 U	ug/L	25.0	5.3	1		01/23/21 09:29	67-64-1	
Acetonitrile	25.0 U	ug/L	50.0	25.0	1		01/23/21 09:29	75-05-8	
Benzene	0.30 U	ug/L	1.0	0.30	1		01/23/21 09:29	71-43-2	
Bromochloromethane	0.37 U	ug/L	1.0	0.37	1		01/23/21 09:29	74-97-5	
Bromodichloromethane	0.19 U	ug/L	1.0	0.19	1		01/23/21 09:29	75-27-4	
Bromoform	0.48 U	ug/L	3.0	0.48	1		01/23/21 09:29	75-25-2	
Bromomethane	8.1 U	ug/L	10.0	8.1	1		01/23/21 09:29	74-83-9	J(v2)
2-Butanone (MEK)	21.0 U	ug/L	50.0	21.0	1		01/23/21 09:29	78-93-3	
Carbon disulfide	1.8 U	ug/L	10.0	1.8	1		01/23/21 09:29	75-15-0	
Carbon tetrachloride	0.44 U	ug/L	3.0	0.44	1		01/23/21 09:29	56-23-5	
Chlorobenzene	0.35 U	ug/L	1.0	0.35	1		01/23/21 09:29	108-90-7	
Chloroethane	3.7 U	ug/L	10.0	3.7	1		01/23/21 09:29	75-00-3	
Chloroform	0.32 U	ug/L	1.0	0.32	1		01/23/21 09:29	67-66-3	
Chloromethane	0.43 U	ug/L	1.0	0.43	1		01/23/21 09:29	74-87-3	J(v2)
1,2-Dibromo-3-chloropropane	1.9 U	ug/L	5.0	1.9	1		01/23/21 09:29	96-12-8	
Dibromochloromethane	0.45 U	ug/L	2.0	0.45	1		01/23/21 09:29	124-48-1	
Dibromomethane	0.68 U	ug/L	2.0	0.68	1		01/23/21 09:29	74-95-3	
1,2-Dichlorobenzene	0.60 U	ug/L	1.0	0.60	1		01/23/21 09:29	95-50-1	
1,4-Dichlorobenzene	0.28 U	ug/L	1.0	0.28	1		01/23/21 09:29	106-46-7	
trans-1,4-Dichloro-2-butene	2.5 U	ug/L	10.0	2.5	1		01/23/21 09:29	110-57-6	J(v2)
1,1-Dichloroethane	0.34 U	ug/L	1.0	0.34	1		01/23/21 09:29	75-34-3	
1,2-Dichloroethane	0.27 U	ug/L	1.0	0.27	1		01/23/21 09:29	107-06-2	
1,2-Dichloroethene (Total)	0.27 U	ug/L	1.0	0.27	1		01/23/21 09:29	540-59-0	N2
1,1-Dichloroethene	0.59 U	ug/L	1.0	0.59	1		01/23/21 09:29	75-35-4	
cis-1,2-Dichloroethene	0.27 U	ug/L	1.0	0.27	1		01/23/21 09:29	156-59-2	
trans-1,2-Dichloroethene	0.23 U	ug/L	1.0	0.23	1		01/23/21 09:29	156-60-5	
1,2-Dichloropropane	0.23 U	ug/L	1.0	0.23	1		01/23/21 09:29	78-87-5	
cis-1,3-Dichloropropene	0.17 U	ug/L	1.0	0.17	1		01/23/21 09:29	10061-01-5	

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ANALYTICAL RESULTS

Project: Speedway # 6893

Pace Project No.: 35606415

Sample: CW11 01202021 Lab ID: 35606415002 Collected: 01/20/21 15:16 Received: 01/21/21 12:17 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Ormond Beach									
trans-1,3-Dichloropropene	0.37 U	ug/L	1.0	0.37	1		01/23/21 09:29	10061-02-6	
Ethylbenzene	2.7	ug/L	1.0	0.30	1		01/23/21 09:29	100-41-4	
2-Hexanone	3.2 U	ug/L	25.0	3.2	1		01/23/21 09:29	591-78-6	
Iodomethane	9.3 U	ug/L	10.0	9.3	1		01/23/21 09:29	74-88-4	J(v2)
Isopropylbenzene (Cumene)	51.4	ug/L	1.0	0.30	1		01/23/21 09:29	98-82-8	
Methylene Chloride	4.4 U	ug/L	5.0	4.4	1		01/23/21 09:29	75-09-2	
4-Methyl-2-pentanone (MIBK)	7.5 U	ug/L	25.0	7.5	1		01/23/21 09:29	108-10-1	
Methyl-tert-butyl ether	4.4 U	ug/L	5.0	4.4	1		01/23/21 09:29	1634-04-4	
Styrene	0.26 U	ug/L	1.0	0.26	1		01/23/21 09:29	100-42-5	
1,1,1,2-Tetrachloroethane	0.32 U	ug/L	1.0	0.32	1		01/23/21 09:29	630-20-6	
1,1,2,2-Tetrachloroethane	0.59 U	ug/L	1.0	0.59	1		01/23/21 09:29	79-34-5	
Tetrachloroethene	0.38 U	ug/L	1.0	0.38	1		01/23/21 09:29	127-18-4	
Toluene	0.33 U	ug/L	1.0	0.33	1		01/23/21 09:29	108-88-3	
1,1,1-Trichloroethane	0.30 U	ug/L	1.0	0.30	1		01/23/21 09:29	71-55-6	
1,1,2-Trichloroethane	0.30 U	ug/L	1.0	0.30	1		01/23/21 09:29	79-00-5	
Trichloroethene	0.36 U	ug/L	1.0	0.36	1		01/23/21 09:29	79-01-6	
Trichlorofluoromethane	0.35 U	ug/L	1.0	0.35	1		01/23/21 09:29	75-69-4	
1,2,3-Trichloropropane	0.53 U	ug/L	2.0	0.53	1		01/23/21 09:29	96-18-4	
1,2,4-Trimethylbenzene	0.24 U	ug/L	1.0	0.24	1		01/23/21 09:29	95-63-6	
1,3,5-Trimethylbenzene	0.24 U	ug/L	1.0	0.24	1		01/23/21 09:29	108-67-8	
Vinyl acetate	1.8 U	ug/L	10.0	1.8	1		01/23/21 09:29	108-05-4	
Vinyl chloride	0.39 U	ug/L	1.0	0.39	1		01/23/21 09:29	75-01-4	
Xylene (Total)	2.1 U	ug/L	5.0	2.1	1		01/23/21 09:29	1330-20-7	
m&p-Xylene	2.1 U	ug/L	4.0	2.1	1		01/23/21 09:29	179601-23-1	
o-Xylene	0.57 U	ug/L	1.0	0.57	1		01/23/21 09:29	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	102	%	70-130		1		01/23/21 09:29	460-00-4	
Toluene-d8 (S)	96	%	70-130		1		01/23/21 09:29	2037-26-5	
1,2-Dichlorobenzene-d4 (S)	100	%	70-130		1		01/23/21 09:29	2199-69-1	

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ANALYTICAL RESULTS

Project: Speedway # 6893

Pace Project No.: 35606415

Sample: MWI 01202021 **Lab ID: 35606415003** Collected: 01/20/21 15:57 Received: 01/21/21 12:17 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Field Data									
Analytical Method: Pace Analytical Services - Ormond Beach									
Field pH	6.99	Std. Units			1		01/25/21 10:36		
Field Temperature	26.6	deg C			1		01/25/21 10:36		
Field Specific Conductance	862	umhos/cm			1		01/25/21 10:36		
Oxygen, Dissolved	0.74	mg/L			1		01/25/21 10:36	7782-44-7	
Turbidity	1.92	NTU			1		01/25/21 10:36		
8011 GCS EDB and DBCP									
Analytical Method: EPA 8011 Preparation Method: EPA 8011 Pace Analytical Services - Ormond Beach									
1,2-Dibromoethane (EDB)	0.0074 U	ug/L	0.0099	0.0074	1	01/25/21 15:46	01/26/21 04:57	106-93-4	
FL-PRO Water, Low Volume									
Analytical Method: FL-PRO Preparation Method: EPA 3510 Pace Analytical Services - Ormond Beach									
Petroleum Range Organics	0.76 U	mg/L	0.95	0.76	1	01/22/21 21:38	01/23/21 02:08		
Surrogates									
o-Terphenyl (S)	85	%	66-139		1	01/22/21 21:38	01/23/21 02:08	84-15-1	
N-Pentatriacontane (S)	92	%	42-159		1	01/22/21 21:38	01/23/21 02:08	630-07-09	
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3010 Pace Analytical Services - Ormond Beach									
Lead	4.6 U	ug/L	10.0	4.6	1	01/25/21 12:40	01/26/21 14:06	7439-92-1	
8270 MSSV PAHLV by SIM									
Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3510 Pace Analytical Services - Ormond Beach									
Acenaphthene	0.040 U	ug/L	0.50	0.040	1	01/25/21 08:08	01/25/21 13:35	83-32-9	
Acenaphthylene	0.030 U	ug/L	0.50	0.030	1	01/25/21 08:08	01/25/21 13:35	208-96-8	
Anthracene	0.043 U	ug/L	0.50	0.043	1	01/25/21 08:08	01/25/21 13:35	120-12-7	
Benzo(a)anthracene	0.055 U	ug/L	0.10	0.055	1	01/25/21 08:08	01/25/21 13:35	56-55-3	
Benzo(a)pyrene	0.12 U	ug/L	0.20	0.12	1	01/25/21 08:08	01/25/21 13:35	50-32-8	
Benzo(b)fluoranthene	0.027 U	ug/L	0.10	0.027	1	01/25/21 08:08	01/25/21 13:35	205-99-2	
Benzo(g,h,i)perylene	0.15 U	ug/L	0.50	0.15	1	01/25/21 08:08	01/25/21 13:35	191-24-2	
Benzo(k)fluoranthene	0.16 U	ug/L	0.50	0.16	1	01/25/21 08:08	01/25/21 13:35	207-08-9	
Chrysene	0.026 U	ug/L	0.50	0.026	1	01/25/21 08:08	01/25/21 13:35	218-01-9	
Dibenz(a,h)anthracene	0.13 U	ug/L	0.15	0.13	1	01/25/21 08:08	01/25/21 13:35	53-70-3	
Fluoranthene	0.018 U	ug/L	0.50	0.018	1	01/25/21 08:08	01/25/21 13:35	206-44-0	
Fluorene	0.088 U	ug/L	0.50	0.088	1	01/25/21 08:08	01/25/21 13:35	86-73-7	
Indeno(1,2,3-cd)pyrene	0.12 U	ug/L	0.15	0.12	1	01/25/21 08:08	01/25/21 13:35	193-39-5	
1-Methylnaphthalene	0.19 U	ug/L	2.0	0.19	1	01/25/21 08:08	01/25/21 13:35	90-12-0	
2-Methylnaphthalene	0.68 U	ug/L	2.0	0.68	1	01/25/21 08:08	01/25/21 13:35	91-57-6	
Naphthalene	0.29 U	ug/L	2.0	0.29	1	01/25/21 08:08	01/25/21 13:35	91-20-3	
Phenanthrene	0.16 U	ug/L	0.50	0.16	1	01/25/21 08:08	01/25/21 13:35	85-01-8	
Pyrene	0.032 U	ug/L	0.50	0.032	1	01/25/21 08:08	01/25/21 13:35	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	68	%	32-100		1	01/25/21 08:08	01/25/21 13:35	321-60-8	
p-Terphenyl-d14 (S)	89	%	48-112		1	01/25/21 08:08	01/25/21 13:35	1718-51-0	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Speedway # 6893

Pace Project No.: 35606415

Sample: MWI 01202021 **Lab ID: 35606415003** Collected: 01/20/21 15:57 Received: 01/21/21 12:17 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Ormond Beach									
Acetone	5.3 U	ug/L	25.0	5.3	1		01/23/21 11:41	67-64-1	
Acetonitrile	25.0 U	ug/L	50.0	25.0	1		01/23/21 11:41	75-05-8	
Benzene	0.30 U	ug/L	1.0	0.30	1		01/23/21 11:41	71-43-2	
Bromochloromethane	0.37 U	ug/L	1.0	0.37	1		01/23/21 11:41	74-97-5	
Bromodichloromethane	0.19 U	ug/L	1.0	0.19	1		01/23/21 11:41	75-27-4	
Bromoform	0.48 U	ug/L	3.0	0.48	1		01/23/21 11:41	75-25-2	
Bromomethane	8.1 U	ug/L	10.0	8.1	1		01/23/21 11:41	74-83-9	J(v2)
2-Butanone (MEK)	21.0 U	ug/L	50.0	21.0	1		01/23/21 11:41	78-93-3	
Carbon disulfide	1.8 U	ug/L	10.0	1.8	1		01/23/21 11:41	75-15-0	
Carbon tetrachloride	0.44 U	ug/L	3.0	0.44	1		01/23/21 11:41	56-23-5	
Chlorobenzene	0.35 U	ug/L	1.0	0.35	1		01/23/21 11:41	108-90-7	
Chloroethane	3.7 U	ug/L	10.0	3.7	1		01/23/21 11:41	75-00-3	
Chloroform	0.32 U	ug/L	1.0	0.32	1		01/23/21 11:41	67-66-3	
Chloromethane	0.43 U	ug/L	1.0	0.43	1		01/23/21 11:41	74-87-3	J(v2)
1,2-Dibromo-3-chloropropane	1.9 U	ug/L	5.0	1.9	1		01/23/21 11:41	96-12-8	
Dibromochloromethane	0.45 U	ug/L	2.0	0.45	1		01/23/21 11:41	124-48-1	
Dibromomethane	0.68 U	ug/L	2.0	0.68	1		01/23/21 11:41	74-95-3	
1,2-Dichlorobenzene	0.60 U	ug/L	1.0	0.60	1		01/23/21 11:41	95-50-1	
1,4-Dichlorobenzene	0.28 U	ug/L	1.0	0.28	1		01/23/21 11:41	106-46-7	
trans-1,4-Dichloro-2-butene	2.5 U	ug/L	10.0	2.5	1		01/23/21 11:41	110-57-6	J(v2)
1,1-Dichloroethane	0.34 U	ug/L	1.0	0.34	1		01/23/21 11:41	75-34-3	
1,2-Dichloroethane	0.27 U	ug/L	1.0	0.27	1		01/23/21 11:41	107-06-2	
1,2-Dichloroethene (Total)	0.27 U	ug/L	1.0	0.27	1		01/23/21 11:41	540-59-0	N2
1,1-Dichloroethene	0.59 U	ug/L	1.0	0.59	1		01/23/21 11:41	75-35-4	
cis-1,2-Dichloroethene	0.27 U	ug/L	1.0	0.27	1		01/23/21 11:41	156-59-2	
trans-1,2-Dichloroethene	0.23 U	ug/L	1.0	0.23	1		01/23/21 11:41	156-60-5	
1,2-Dichloropropane	0.23 U	ug/L	1.0	0.23	1		01/23/21 11:41	78-87-5	
cis-1,3-Dichloropropene	0.17 U	ug/L	1.0	0.17	1		01/23/21 11:41	10061-01-5	
trans-1,3-Dichloropropene	0.37 U	ug/L	1.0	0.37	1		01/23/21 11:41	10061-02-6	
Ethylbenzene	0.30 U	ug/L	1.0	0.30	1		01/23/21 11:41	100-41-4	
2-Hexanone	3.2 U	ug/L	25.0	3.2	1		01/23/21 11:41	591-78-6	
Iodomethane	9.3 U	ug/L	10.0	9.3	1		01/23/21 11:41	74-88-4	J(v2)
Isopropylbenzene (Cumene)	0.30 U	ug/L	1.0	0.30	1		01/23/21 11:41	98-82-8	
Methylene Chloride	4.4 U	ug/L	5.0	4.4	1		01/23/21 11:41	75-09-2	
4-Methyl-2-pentanone (MIBK)	7.5 U	ug/L	25.0	7.5	1		01/23/21 11:41	108-10-1	
Methyl-tert-butyl ether	4.4 U	ug/L	5.0	4.4	1		01/23/21 11:41	1634-04-4	
Styrene	0.26 U	ug/L	1.0	0.26	1		01/23/21 11:41	100-42-5	
1,1,1,2-Tetrachloroethane	0.32 U	ug/L	1.0	0.32	1		01/23/21 11:41	630-20-6	
1,1,2,2-Tetrachloroethane	0.59 U	ug/L	1.0	0.59	1		01/23/21 11:41	79-34-5	
Tetrachloroethene	0.38 U	ug/L	1.0	0.38	1		01/23/21 11:41	127-18-4	
Toluene	0.33 U	ug/L	1.0	0.33	1		01/23/21 11:41	108-88-3	
1,1,1-Trichloroethane	0.30 U	ug/L	1.0	0.30	1		01/23/21 11:41	71-55-6	
1,1,2-Trichloroethane	0.30 U	ug/L	1.0	0.30	1		01/23/21 11:41	79-00-5	
Trichloroethene	0.36 U	ug/L	1.0	0.36	1		01/23/21 11:41	79-01-6	
Trichlorofluoromethane	0.35 U	ug/L	1.0	0.35	1		01/23/21 11:41	75-69-4	

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ANALYTICAL RESULTS

Project: Speedway # 6893

Pace Project No.: 35606415

Sample: MWI 01202021 **Lab ID: 35606415003** Collected: 01/20/21 15:57 Received: 01/21/21 12:17 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Ormond Beach									
1,2,3-Trichloropropane	0.53 U	ug/L	2.0	0.53	1		01/23/21 11:41	96-18-4	
1,2,4-Trimethylbenzene	0.24 U	ug/L	1.0	0.24	1		01/23/21 11:41	95-63-6	
1,3,5-Trimethylbenzene	0.24 U	ug/L	1.0	0.24	1		01/23/21 11:41	108-67-8	
Vinyl acetate	1.8 U	ug/L	10.0	1.8	1		01/23/21 11:41	108-05-4	
Vinyl chloride	0.39 U	ug/L	1.0	0.39	1		01/23/21 11:41	75-01-4	
Xylene (Total)	2.1 U	ug/L	5.0	2.1	1		01/23/21 11:41	1330-20-7	
m&p-Xylene	2.1 U	ug/L	4.0	2.1	1		01/23/21 11:41	179601-23-1	
o-Xylene	0.57 U	ug/L	1.0	0.57	1		01/23/21 11:41	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	104	%	70-130		1		01/23/21 11:41	460-00-4	
Toluene-d8 (S)	97	%	70-130		1		01/23/21 11:41	2037-26-5	
1,2-Dichlorobenzene-d4 (S)	100	%	70-130		1		01/23/21 11:41	2199-69-1	

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ANALYTICAL RESULTS

Project: Speedway # 6893

Pace Project No.: 35606415

Sample: CW13 01202021 **Lab ID: 35606415004** Collected: 01/20/21 16:41 Received: 01/21/21 12:17 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Field Data									
Analytical Method: Pace Analytical Services - Ormond Beach									
Field pH	7.23	Std. Units			1		01/25/21 09:50		
Field Temperature	28.2	deg C			1		01/25/21 09:50		
Field Specific Conductance	1909	umhos/cm			1		01/25/21 09:50		
Oxygen, Dissolved	1.33	mg/L			1		01/25/21 09:50	7782-44-7	
REDOX	-270.4	mV			1		01/25/21 09:50		
Turbidity	1.99	NTU			1		01/25/21 09:50		
8011 GCS EDB and DBCP									
Analytical Method: EPA 8011 Preparation Method: EPA 8011 Pace Analytical Services - Ormond Beach									
1,2-Dibromoethane (EDB)	0.0074 U	ug/L	0.0099	0.0074	1	01/25/21 15:46	01/26/21 05:12	106-93-4	
FL-PRO Water, Low Volume									
Analytical Method: FL-PRO Preparation Method: EPA 3510 Pace Analytical Services - Ormond Beach									
Petroleum Range Organics	2.5	mg/L	0.95	0.76	1	01/22/21 21:38	01/23/21 02:52		
Surrogates									
o-Terphenyl (S)	92	%	66-139		1	01/22/21 21:38	01/23/21 02:52	84-15-1	
N-Pentatriacontane (S)	91	%	42-159		1	01/22/21 21:38	01/23/21 02:52	630-07-09	
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3010 Pace Analytical Services - Ormond Beach									
Lead	4.6 U	ug/L	10.0	4.6	1	01/25/21 12:40	01/26/21 14:09	7439-92-1	
8270 MSSV PAHLV by SIM									
Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3510 Pace Analytical Services - Ormond Beach									
Acenaphthene	0.040 U	ug/L	0.50	0.040	1	01/25/21 08:08	01/25/21 13:57	83-32-9	
Acenaphthylene	0.030 U	ug/L	0.50	0.030	1	01/25/21 08:08	01/25/21 13:57	208-96-8	
Anthracene	0.043 U	ug/L	0.50	0.043	1	01/25/21 08:08	01/25/21 13:57	120-12-7	
Benzo(a)anthracene	0.055 U	ug/L	0.10	0.055	1	01/25/21 08:08	01/25/21 13:57	56-55-3	
Benzo(a)pyrene	0.12 U	ug/L	0.20	0.12	1	01/25/21 08:08	01/25/21 13:57	50-32-8	
Benzo(b)fluoranthene	0.027 U	ug/L	0.10	0.027	1	01/25/21 08:08	01/25/21 13:57	205-99-2	
Benzo(g,h,i)perylene	0.15 U	ug/L	0.50	0.15	1	01/25/21 08:08	01/25/21 13:57	191-24-2	
Benzo(k)fluoranthene	0.16 U	ug/L	0.50	0.16	1	01/25/21 08:08	01/25/21 13:57	207-08-9	
Chrysene	0.026 U	ug/L	0.50	0.026	1	01/25/21 08:08	01/25/21 13:57	218-01-9	
Dibenz(a,h)anthracene	0.13 U	ug/L	0.15	0.13	1	01/25/21 08:08	01/25/21 13:57	53-70-3	
Fluoranthene	0.018 U	ug/L	0.50	0.018	1	01/25/21 08:08	01/25/21 13:57	206-44-0	
Fluorene	0.088 U	ug/L	0.50	0.088	1	01/25/21 08:08	01/25/21 13:57	86-73-7	
Indeno(1,2,3-cd)pyrene	0.12 U	ug/L	0.15	0.12	1	01/25/21 08:08	01/25/21 13:57	193-39-5	
1-Methylnaphthalene	1.6 I	ug/L	2.0	0.19	1	01/25/21 08:08	01/25/21 13:57	90-12-0	
2-Methylnaphthalene	2.8	ug/L	2.0	0.68	1	01/25/21 08:08	01/25/21 13:57	91-57-6	
Naphthalene	3.1	ug/L	2.0	0.29	1	01/25/21 08:08	01/25/21 13:57	91-20-3	
Phenanthrene	0.16 U	ug/L	0.50	0.16	1	01/25/21 08:08	01/25/21 13:57	85-01-8	
Pyrene	0.032 U	ug/L	0.50	0.032	1	01/25/21 08:08	01/25/21 13:57	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	73	%	32-100		1	01/25/21 08:08	01/25/21 13:57	321-60-8	
p-Terphenyl-d14 (S)	90	%	48-112		1	01/25/21 08:08	01/25/21 13:57	1718-51-0	

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ANALYTICAL RESULTS

Project: Speedway # 6893

Pace Project No.: 35606415

Sample: CW13 01202021 **Lab ID: 35606415004** Collected: 01/20/21 16:41 Received: 01/21/21 12:17 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Ormond Beach									
Acetone	5.3 U	ug/L	25.0	5.3	1		01/23/21 09:55	67-64-1	
Acetonitrile	25.0 U	ug/L	50.0	25.0	1		01/23/21 09:55	75-05-8	
Benzene	1.5	ug/L	1.0	0.30	1		01/23/21 09:55	71-43-2	
Bromochloromethane	0.37 U	ug/L	1.0	0.37	1		01/23/21 09:55	74-97-5	
Bromodichloromethane	0.19 U	ug/L	1.0	0.19	1		01/23/21 09:55	75-27-4	
Bromoform	0.48 U	ug/L	3.0	0.48	1		01/23/21 09:55	75-25-2	
Bromomethane	8.1 U	ug/L	10.0	8.1	1		01/23/21 09:55	74-83-9	J(v2)
2-Butanone (MEK)	21.0 U	ug/L	50.0	21.0	1		01/23/21 09:55	78-93-3	
Carbon disulfide	1.8 U	ug/L	10.0	1.8	1		01/23/21 09:55	75-15-0	
Carbon tetrachloride	0.44 U	ug/L	3.0	0.44	1		01/23/21 09:55	56-23-5	
Chlorobenzene	0.35 U	ug/L	1.0	0.35	1		01/23/21 09:55	108-90-7	
Chloroethane	3.7 U	ug/L	10.0	3.7	1		01/23/21 09:55	75-00-3	
Chloroform	0.32 U	ug/L	1.0	0.32	1		01/23/21 09:55	67-66-3	
Chloromethane	0.43 U	ug/L	1.0	0.43	1		01/23/21 09:55	74-87-3	J(v2)
1,2-Dibromo-3-chloropropane	1.9 U	ug/L	5.0	1.9	1		01/23/21 09:55	96-12-8	
Dibromochloromethane	0.45 U	ug/L	2.0	0.45	1		01/23/21 09:55	124-48-1	
Dibromomethane	0.68 U	ug/L	2.0	0.68	1		01/23/21 09:55	74-95-3	
1,2-Dichlorobenzene	0.60 U	ug/L	1.0	0.60	1		01/23/21 09:55	95-50-1	
1,4-Dichlorobenzene	0.28 U	ug/L	1.0	0.28	1		01/23/21 09:55	106-46-7	
trans-1,4-Dichloro-2-butene	2.5 U	ug/L	10.0	2.5	1		01/23/21 09:55	110-57-6	J(v2)
1,1-Dichloroethane	0.34 U	ug/L	1.0	0.34	1		01/23/21 09:55	75-34-3	
1,2-Dichloroethane	0.27 U	ug/L	1.0	0.27	1		01/23/21 09:55	107-06-2	
1,2-Dichloroethene (Total)	0.27 U	ug/L	1.0	0.27	1		01/23/21 09:55	540-59-0	N2
1,1-Dichloroethene	0.59 U	ug/L	1.0	0.59	1		01/23/21 09:55	75-35-4	
cis-1,2-Dichloroethene	0.27 U	ug/L	1.0	0.27	1		01/23/21 09:55	156-59-2	
trans-1,2-Dichloroethene	0.23 U	ug/L	1.0	0.23	1		01/23/21 09:55	156-60-5	
1,2-Dichloropropane	0.23 U	ug/L	1.0	0.23	1		01/23/21 09:55	78-87-5	
cis-1,3-Dichloropropene	0.17 U	ug/L	1.0	0.17	1		01/23/21 09:55	10061-01-5	
trans-1,3-Dichloropropene	0.37 U	ug/L	1.0	0.37	1		01/23/21 09:55	10061-02-6	
Ethylbenzene	4.2	ug/L	1.0	0.30	1		01/23/21 09:55	100-41-4	
2-Hexanone	3.2 U	ug/L	25.0	3.2	1		01/23/21 09:55	591-78-6	
Iodomethane	9.3 U	ug/L	10.0	9.3	1		01/23/21 09:55	74-88-4	J(v2)
Isopropylbenzene (Cumene)	2.3	ug/L	1.0	0.30	1		01/23/21 09:55	98-82-8	
Methylene Chloride	4.4 U	ug/L	5.0	4.4	1		01/23/21 09:55	75-09-2	
4-Methyl-2-pentanone (MIBK)	7.5 U	ug/L	25.0	7.5	1		01/23/21 09:55	108-10-1	
Methyl-tert-butyl ether	4.4 U	ug/L	5.0	4.4	1		01/23/21 09:55	1634-04-4	
Styrene	0.26 U	ug/L	1.0	0.26	1		01/23/21 09:55	100-42-5	
1,1,1,2-Tetrachloroethane	0.32 U	ug/L	1.0	0.32	1		01/23/21 09:55	630-20-6	
1,1,2,2-Tetrachloroethane	0.59 U	ug/L	1.0	0.59	1		01/23/21 09:55	79-34-5	
Tetrachloroethene	0.38 U	ug/L	1.0	0.38	1		01/23/21 09:55	127-18-4	
Toluene	1.3	ug/L	1.0	0.33	1		01/23/21 09:55	108-88-3	
1,1,1-Trichloroethane	0.30 U	ug/L	1.0	0.30	1		01/23/21 09:55	71-55-6	
1,1,2-Trichloroethane	0.30 U	ug/L	1.0	0.30	1		01/23/21 09:55	79-00-5	
Trichloroethene	0.36 U	ug/L	1.0	0.36	1		01/23/21 09:55	79-01-6	
Trichlorofluoromethane	0.35 U	ug/L	1.0	0.35	1		01/23/21 09:55	75-69-4	

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ANALYTICAL RESULTS

Project: Speedway # 6893

Pace Project No.: 35606415

Sample: CW13 01202021 **Lab ID: 35606415004** Collected: 01/20/21 16:41 Received: 01/21/21 12:17 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Ormond Beach									
1,2,3-Trichloropropane	0.53 U	ug/L	2.0	0.53	1		01/23/21 09:55	96-18-4	
1,2,4-Trimethylbenzene	48.0	ug/L	1.0	0.24	1		01/23/21 09:55	95-63-6	
1,3,5-Trimethylbenzene	4.9	ug/L	1.0	0.24	1		01/23/21 09:55	108-67-8	
Vinyl acetate	1.8 U	ug/L	10.0	1.8	1		01/23/21 09:55	108-05-4	
Vinyl chloride	0.39 U	ug/L	1.0	0.39	1		01/23/21 09:55	75-01-4	
Xylene (Total)	5.6	ug/L	5.0	2.1	1		01/23/21 09:55	1330-20-7	
m&p-Xylene	4.5	ug/L	4.0	2.1	1		01/23/21 09:55	179601-23-1	
o-Xylene	1.1	ug/L	1.0	0.57	1		01/23/21 09:55	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	104	%	70-130		1		01/23/21 09:55	460-00-4	
Toluene-d8 (S)	95	%	70-130		1		01/23/21 09:55	2037-26-5	
1,2-Dichlorobenzene-d4 (S)	100	%	70-130		1		01/23/21 09:55	2199-69-1	

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ANALYTICAL RESULTS

Project: Speedway # 6893

Pace Project No.: 35606415

Sample: MWL 01202021 **Lab ID: 35606415005** Collected: 01/20/21 16:43 Received: 01/21/21 12:17 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Field Data									
Analytical Method: Pace Analytical Services - Ormond Beach									
Field pH	7.32	Std. Units			1		01/25/21 10:36		
Field Temperature	26.5	deg C			1		01/25/21 10:36		
Field Specific Conductance	1438	umhos/cm			1		01/25/21 10:36		
Oxygen, Dissolved	0.03	mg/L			1		01/25/21 10:36	7782-44-7	
REDOX	-319.9	mV			1		01/25/21 10:36		
Turbidity	2.73	NTU			1		01/25/21 10:36		
8011 GCS EDB and DBCP									
Analytical Method: EPA 8011 Preparation Method: EPA 8011 Pace Analytical Services - Ormond Beach									
1,2-Dibromoethane (EDB)	0.0076 U	ug/L	0.010	0.0076	1	01/25/21 15:46	01/26/21 05:27	106-93-4	
FL-PRO Water, Low Volume									
Analytical Method: FL-PRO Preparation Method: EPA 3510 Pace Analytical Services - Ormond Beach									
Petroleum Range Organics <i>Surrogates</i>	0.74 U	mg/L	0.93	0.74	1	01/22/21 21:38	01/23/21 03:05		
o-Terphenyl (S)	90	%	66-139		1	01/22/21 21:38	01/23/21 03:05	84-15-1	
N-Pentatriacontane (S)	96	%	42-159		1	01/22/21 21:38	01/23/21 03:05	630-07-09	
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3010 Pace Analytical Services - Ormond Beach									
Lead	4.6 U	ug/L	10.0	4.6	1	01/25/21 12:40	01/26/21 14:12	7439-92-1	
8270 MSSV PAHLV by SIM									
Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3510 Pace Analytical Services - Ormond Beach									
Acenaphthene	0.040 U	ug/L	0.50	0.040	1	01/25/21 08:08	01/25/21 14:20	83-32-9	
Acenaphthylene	0.030 U	ug/L	0.50	0.030	1	01/25/21 08:08	01/25/21 14:20	208-96-8	
Anthracene	0.043 U	ug/L	0.50	0.043	1	01/25/21 08:08	01/25/21 14:20	120-12-7	
Benzo(a)anthracene	0.055 U	ug/L	0.10	0.055	1	01/25/21 08:08	01/25/21 14:20	56-55-3	
Benzo(a)pyrene	0.12 U	ug/L	0.20	0.12	1	01/25/21 08:08	01/25/21 14:20	50-32-8	
Benzo(b)fluoranthene	0.027 U	ug/L	0.10	0.027	1	01/25/21 08:08	01/25/21 14:20	205-99-2	
Benzo(g,h,i)perylene	0.15 U	ug/L	0.50	0.15	1	01/25/21 08:08	01/25/21 14:20	191-24-2	
Benzo(k)fluoranthene	0.16 U	ug/L	0.50	0.16	1	01/25/21 08:08	01/25/21 14:20	207-08-9	
Chrysene	0.026 U	ug/L	0.50	0.026	1	01/25/21 08:08	01/25/21 14:20	218-01-9	
Dibenz(a,h)anthracene	0.13 U	ug/L	0.15	0.13	1	01/25/21 08:08	01/25/21 14:20	53-70-3	
Fluoranthene	0.018 U	ug/L	0.50	0.018	1	01/25/21 08:08	01/25/21 14:20	206-44-0	
Fluorene	0.088 U	ug/L	0.50	0.088	1	01/25/21 08:08	01/25/21 14:20	86-73-7	
Indeno(1,2,3-cd)pyrene	0.12 U	ug/L	0.15	0.12	1	01/25/21 08:08	01/25/21 14:20	193-39-5	
1-Methylnaphthalene	0.19 U	ug/L	2.0	0.19	1	01/25/21 08:08	01/25/21 14:20	90-12-0	
2-Methylnaphthalene	0.68 U	ug/L	2.0	0.68	1	01/25/21 08:08	01/25/21 14:20	91-57-6	
Naphthalene	0.29 U	ug/L	2.0	0.29	1	01/25/21 08:08	01/25/21 14:20	91-20-3	
Phenanthrene	0.16 U	ug/L	0.50	0.16	1	01/25/21 08:08	01/25/21 14:20	85-01-8	
Pyrene	0.032 U	ug/L	0.50	0.032	1	01/25/21 08:08	01/25/21 14:20	129-00-0	
<i>Surrogates</i>									
2-Fluorobiphenyl (S)	78	%	32-100		1	01/25/21 08:08	01/25/21 14:20	321-60-8	
p-Terphenyl-d14 (S)	92	%	48-112		1	01/25/21 08:08	01/25/21 14:20	1718-51-0	

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ANALYTICAL RESULTS

Project: Speedway # 6893

Pace Project No.: 35606415

Sample: MWL 01202021 **Lab ID: 35606415005** Collected: 01/20/21 16:43 Received: 01/21/21 12:17 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Ormond Beach									
Acetone	5.3 U	ug/L	25.0	5.3	1		01/23/21 10:22	67-64-1	
Acetonitrile	25.0 U	ug/L	50.0	25.0	1		01/23/21 10:22	75-05-8	
Benzene	0.30 U	ug/L	1.0	0.30	1		01/23/21 10:22	71-43-2	
Bromochloromethane	0.37 U	ug/L	1.0	0.37	1		01/23/21 10:22	74-97-5	
Bromodichloromethane	0.19 U	ug/L	1.0	0.19	1		01/23/21 10:22	75-27-4	
Bromoform	0.48 U	ug/L	3.0	0.48	1		01/23/21 10:22	75-25-2	
Bromomethane	8.1 U	ug/L	10.0	8.1	1		01/23/21 10:22	74-83-9	J(v2)
2-Butanone (MEK)	21.0 U	ug/L	50.0	21.0	1		01/23/21 10:22	78-93-3	
Carbon disulfide	1.8 U	ug/L	10.0	1.8	1		01/23/21 10:22	75-15-0	
Carbon tetrachloride	0.44 U	ug/L	3.0	0.44	1		01/23/21 10:22	56-23-5	
Chlorobenzene	0.35 U	ug/L	1.0	0.35	1		01/23/21 10:22	108-90-7	
Chloroethane	3.7 U	ug/L	10.0	3.7	1		01/23/21 10:22	75-00-3	
Chloroform	0.32 U	ug/L	1.0	0.32	1		01/23/21 10:22	67-66-3	
Chloromethane	0.43 U	ug/L	1.0	0.43	1		01/23/21 10:22	74-87-3	J(v2)
1,2-Dibromo-3-chloropropane	1.9 U	ug/L	5.0	1.9	1		01/23/21 10:22	96-12-8	
Dibromochloromethane	0.45 U	ug/L	2.0	0.45	1		01/23/21 10:22	124-48-1	
Dibromomethane	0.68 U	ug/L	2.0	0.68	1		01/23/21 10:22	74-95-3	
1,2-Dichlorobenzene	0.60 U	ug/L	1.0	0.60	1		01/23/21 10:22	95-50-1	
1,4-Dichlorobenzene	0.28 U	ug/L	1.0	0.28	1		01/23/21 10:22	106-46-7	
trans-1,4-Dichloro-2-butene	2.5 U	ug/L	10.0	2.5	1		01/23/21 10:22	110-57-6	J(v2)
1,1-Dichloroethane	0.34 U	ug/L	1.0	0.34	1		01/23/21 10:22	75-34-3	
1,2-Dichloroethane	0.27 U	ug/L	1.0	0.27	1		01/23/21 10:22	107-06-2	
1,2-Dichloroethene (Total)	0.27 U	ug/L	1.0	0.27	1		01/23/21 10:22	540-59-0	N2
1,1-Dichloroethene	0.59 U	ug/L	1.0	0.59	1		01/23/21 10:22	75-35-4	
cis-1,2-Dichloroethene	0.27 U	ug/L	1.0	0.27	1		01/23/21 10:22	156-59-2	
trans-1,2-Dichloroethene	0.23 U	ug/L	1.0	0.23	1		01/23/21 10:22	156-60-5	
1,2-Dichloropropane	0.23 U	ug/L	1.0	0.23	1		01/23/21 10:22	78-87-5	
cis-1,3-Dichloropropene	0.17 U	ug/L	1.0	0.17	1		01/23/21 10:22	10061-01-5	
trans-1,3-Dichloropropene	0.37 U	ug/L	1.0	0.37	1		01/23/21 10:22	10061-02-6	
Ethylbenzene	0.30 U	ug/L	1.0	0.30	1		01/23/21 10:22	100-41-4	
2-Hexanone	3.2 U	ug/L	25.0	3.2	1		01/23/21 10:22	591-78-6	
Iodomethane	9.3 U	ug/L	10.0	9.3	1		01/23/21 10:22	74-88-4	J(v2)
Isopropylbenzene (Cumene)	0.30 U	ug/L	1.0	0.30	1		01/23/21 10:22	98-82-8	
Methylene Chloride	4.4 U	ug/L	5.0	4.4	1		01/23/21 10:22	75-09-2	
4-Methyl-2-pentanone (MIBK)	7.5 U	ug/L	25.0	7.5	1		01/23/21 10:22	108-10-1	
Methyl-tert-butyl ether	4.4 U	ug/L	5.0	4.4	1		01/23/21 10:22	1634-04-4	
Styrene	0.26 U	ug/L	1.0	0.26	1		01/23/21 10:22	100-42-5	
1,1,1,2-Tetrachloroethane	0.32 U	ug/L	1.0	0.32	1		01/23/21 10:22	630-20-6	
1,1,1,2,2-Tetrachloroethane	0.59 U	ug/L	1.0	0.59	1		01/23/21 10:22	79-34-5	
Tetrachloroethene	0.38 U	ug/L	1.0	0.38	1		01/23/21 10:22	127-18-4	
Toluene	0.33 U	ug/L	1.0	0.33	1		01/23/21 10:22	108-88-3	
1,1,1-Trichloroethane	0.30 U	ug/L	1.0	0.30	1		01/23/21 10:22	71-55-6	
1,1,2-Trichloroethane	0.30 U	ug/L	1.0	0.30	1		01/23/21 10:22	79-00-5	
Trichloroethene	0.36 U	ug/L	1.0	0.36	1		01/23/21 10:22	79-01-6	
Trichlorofluoromethane	0.35 U	ug/L	1.0	0.35	1		01/23/21 10:22	75-69-4	

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ANALYTICAL RESULTS

Project: Speedway # 6893

Pace Project No.: 35606415

Sample: MWL 01202021 **Lab ID: 35606415005** Collected: 01/20/21 16:43 Received: 01/21/21 12:17 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Ormond Beach									
1,2,3-Trichloropropane	0.53 U	ug/L	2.0	0.53	1		01/23/21 10:22	96-18-4	
1,2,4-Trimethylbenzene	0.24 U	ug/L	1.0	0.24	1		01/23/21 10:22	95-63-6	
1,3,5-Trimethylbenzene	0.24 U	ug/L	1.0	0.24	1		01/23/21 10:22	108-67-8	
Vinyl acetate	1.8 U	ug/L	10.0	1.8	1		01/23/21 10:22	108-05-4	
Vinyl chloride	0.39 U	ug/L	1.0	0.39	1		01/23/21 10:22	75-01-4	
Xylene (Total)	2.1 U	ug/L	5.0	2.1	1		01/23/21 10:22	1330-20-7	
m&p-Xylene	2.1 U	ug/L	4.0	2.1	1		01/23/21 10:22	179601-23-1	
o-Xylene	0.57 U	ug/L	1.0	0.57	1		01/23/21 10:22	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	104	%	70-130		1		01/23/21 10:22	460-00-4	
Toluene-d8 (S)	97	%	70-130		1		01/23/21 10:22	2037-26-5	
1,2-Dichlorobenzene-d4 (S)	102	%	70-130		1		01/23/21 10:22	2199-69-1	

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ANALYTICAL RESULTS

Project: Speedway # 6893

Pace Project No.: 35606415

Sample: MWA 01202021 **Lab ID: 35606415006** Collected: 01/20/21 15:29 Received: 01/21/21 12:17 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Field Data									
Analytical Method: Pace Analytical Services - Ormond Beach									
Field pH	6.91	Std. Units			1		01/25/21 09:50		
Field Temperature	26.8	deg C			1		01/25/21 09:50		
Field Specific Conductance	744	umhos/cm			1		01/25/21 09:50		
Oxygen, Dissolved	1.18	mg/L			1		01/25/21 09:50	7782-44-7	
REDOX	68.0	mV			1		01/25/21 09:50		
Turbidity	2.45	NTU			1		01/25/21 09:50		
8011 GCS EDB and DBCP									
Analytical Method: EPA 8011 Preparation Method: EPA 8011 Pace Analytical Services - Ormond Beach									
1,2-Dibromoethane (EDB)	0.0073 U	ug/L	0.0097	0.0073	1	01/25/21 15:46	01/26/21 05:42	106-93-4	
FL-PRO Water, Low Volume									
Analytical Method: FL-PRO Preparation Method: EPA 3510 Pace Analytical Services - Ormond Beach									
Petroleum Range Organics <i>Surrogates</i>	0.75 U	mg/L	0.94	0.75	1	01/22/21 21:38	01/23/21 03:18		
o-Terphenyl (S)	96	%	66-139		1	01/22/21 21:38	01/23/21 03:18	84-15-1	
N-Pentatriacontane (S)	98	%	42-159		1	01/22/21 21:38	01/23/21 03:18	630-07-09	
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3010 Pace Analytical Services - Ormond Beach									
Lead	4.6 U	ug/L	10.0	4.6	1	01/25/21 12:40	01/26/21 14:15	7439-92-1	
8270 MSSV PAHLV by SIM									
Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3510 Pace Analytical Services - Ormond Beach									
Acenaphthene	0.040 U	ug/L	0.50	0.040	1	01/25/21 08:08	01/25/21 14:42	83-32-9	
Acenaphthylene	0.030 U	ug/L	0.50	0.030	1	01/25/21 08:08	01/25/21 14:42	208-96-8	
Anthracene	0.043 U	ug/L	0.50	0.043	1	01/25/21 08:08	01/25/21 14:42	120-12-7	
Benzo(a)anthracene	0.055 U	ug/L	0.10	0.055	1	01/25/21 08:08	01/25/21 14:42	56-55-3	
Benzo(a)pyrene	0.12 U	ug/L	0.20	0.12	1	01/25/21 08:08	01/25/21 14:42	50-32-8	
Benzo(b)fluoranthene	0.027 U	ug/L	0.10	0.027	1	01/25/21 08:08	01/25/21 14:42	205-99-2	
Benzo(g,h,i)perylene	0.15 U	ug/L	0.50	0.15	1	01/25/21 08:08	01/25/21 14:42	191-24-2	
Benzo(k)fluoranthene	0.16 U	ug/L	0.50	0.16	1	01/25/21 08:08	01/25/21 14:42	207-08-9	
Chrysene	0.026 U	ug/L	0.50	0.026	1	01/25/21 08:08	01/25/21 14:42	218-01-9	
Dibenz(a,h)anthracene	0.13 U	ug/L	0.15	0.13	1	01/25/21 08:08	01/25/21 14:42	53-70-3	
Fluoranthene	0.018 U	ug/L	0.50	0.018	1	01/25/21 08:08	01/25/21 14:42	206-44-0	
Fluorene	0.088 U	ug/L	0.50	0.088	1	01/25/21 08:08	01/25/21 14:42	86-73-7	
Indeno(1,2,3-cd)pyrene	0.12 U	ug/L	0.15	0.12	1	01/25/21 08:08	01/25/21 14:42	193-39-5	
1-Methylnaphthalene	0.19 U	ug/L	2.0	0.19	1	01/25/21 08:08	01/25/21 14:42	90-12-0	
2-Methylnaphthalene	0.68 U	ug/L	2.0	0.68	1	01/25/21 08:08	01/25/21 14:42	91-57-6	
Naphthalene	0.29 U	ug/L	2.0	0.29	1	01/25/21 08:08	01/25/21 14:42	91-20-3	
Phenanthrene	0.16 U	ug/L	0.50	0.16	1	01/25/21 08:08	01/25/21 14:42	85-01-8	
Pyrene	0.032 U	ug/L	0.50	0.032	1	01/25/21 08:08	01/25/21 14:42	129-00-0	
<i>Surrogates</i>									
2-Fluorobiphenyl (S)	75	%	32-100		1	01/25/21 08:08	01/25/21 14:42	321-60-8	
p-Terphenyl-d14 (S)	91	%	48-112		1	01/25/21 08:08	01/25/21 14:42	1718-51-0	

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ANALYTICAL RESULTS

Project: Speedway # 6893

Pace Project No.: 35606415

Sample: MWA 01202021 Lab ID: 35606415006 Collected: 01/20/21 15:29 Received: 01/21/21 12:17 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Ormond Beach									
Acetone	5.3 U	ug/L	25.0	5.3	1		01/23/21 11:15	67-64-1	
Acetonitrile	25.0 U	ug/L	50.0	25.0	1		01/23/21 11:15	75-05-8	
Benzene	0.30 U	ug/L	1.0	0.30	1		01/23/21 11:15	71-43-2	
Bromochloromethane	0.37 U	ug/L	1.0	0.37	1		01/23/21 11:15	74-97-5	
Bromodichloromethane	0.19 U	ug/L	1.0	0.19	1		01/23/21 11:15	75-27-4	
Bromoform	0.48 U	ug/L	3.0	0.48	1		01/23/21 11:15	75-25-2	
Bromomethane	8.1 U	ug/L	10.0	8.1	1		01/23/21 11:15	74-83-9	J(v2)
2-Butanone (MEK)	21.0 U	ug/L	50.0	21.0	1		01/23/21 11:15	78-93-3	
Carbon disulfide	1.8 U	ug/L	10.0	1.8	1		01/23/21 11:15	75-15-0	
Carbon tetrachloride	0.44 U	ug/L	3.0	0.44	1		01/23/21 11:15	56-23-5	
Chlorobenzene	0.35 U	ug/L	1.0	0.35	1		01/23/21 11:15	108-90-7	
Chloroethane	3.7 U	ug/L	10.0	3.7	1		01/23/21 11:15	75-00-3	
Chloroform	0.32 U	ug/L	1.0	0.32	1		01/23/21 11:15	67-66-3	
Chloromethane	0.43 U	ug/L	1.0	0.43	1		01/23/21 11:15	74-87-3	J(v2)
1,2-Dibromo-3-chloropropane	1.9 U	ug/L	5.0	1.9	1		01/23/21 11:15	96-12-8	
Dibromochloromethane	0.45 U	ug/L	2.0	0.45	1		01/23/21 11:15	124-48-1	
Dibromomethane	0.68 U	ug/L	2.0	0.68	1		01/23/21 11:15	74-95-3	
1,2-Dichlorobenzene	0.60 U	ug/L	1.0	0.60	1		01/23/21 11:15	95-50-1	
1,4-Dichlorobenzene	0.28 U	ug/L	1.0	0.28	1		01/23/21 11:15	106-46-7	
trans-1,4-Dichloro-2-butene	2.5 U	ug/L	10.0	2.5	1		01/23/21 11:15	110-57-6	J(v2)
1,1-Dichloroethane	0.34 U	ug/L	1.0	0.34	1		01/23/21 11:15	75-34-3	
1,2-Dichloroethane	0.27 U	ug/L	1.0	0.27	1		01/23/21 11:15	107-06-2	
1,2-Dichloroethene (Total)	0.27 U	ug/L	1.0	0.27	1		01/23/21 11:15	540-59-0	N2
1,1-Dichloroethene	0.59 U	ug/L	1.0	0.59	1		01/23/21 11:15	75-35-4	
cis-1,2-Dichloroethene	0.27 U	ug/L	1.0	0.27	1		01/23/21 11:15	156-59-2	
trans-1,2-Dichloroethene	0.23 U	ug/L	1.0	0.23	1		01/23/21 11:15	156-60-5	
1,2-Dichloropropane	0.23 U	ug/L	1.0	0.23	1		01/23/21 11:15	78-87-5	
cis-1,3-Dichloropropene	0.17 U	ug/L	1.0	0.17	1		01/23/21 11:15	10061-01-5	
trans-1,3-Dichloropropene	0.37 U	ug/L	1.0	0.37	1		01/23/21 11:15	10061-02-6	
Ethylbenzene	0.30 U	ug/L	1.0	0.30	1		01/23/21 11:15	100-41-4	
2-Hexanone	3.2 U	ug/L	25.0	3.2	1		01/23/21 11:15	591-78-6	
Iodomethane	9.3 U	ug/L	10.0	9.3	1		01/23/21 11:15	74-88-4	J(v2)
Isopropylbenzene (Cumene)	0.30 U	ug/L	1.0	0.30	1		01/23/21 11:15	98-82-8	
Methylene Chloride	4.4 U	ug/L	5.0	4.4	1		01/23/21 11:15	75-09-2	
4-Methyl-2-pentanone (MIBK)	7.5 U	ug/L	25.0	7.5	1		01/23/21 11:15	108-10-1	
Methyl-tert-butyl ether	4.4 U	ug/L	5.0	4.4	1		01/23/21 11:15	1634-04-4	
Styrene	0.26 U	ug/L	1.0	0.26	1		01/23/21 11:15	100-42-5	
1,1,1,2-Tetrachloroethane	0.32 U	ug/L	1.0	0.32	1		01/23/21 11:15	630-20-6	
1,1,2,2-Tetrachloroethane	0.59 U	ug/L	1.0	0.59	1		01/23/21 11:15	79-34-5	
Tetrachloroethene	0.38 U	ug/L	1.0	0.38	1		01/23/21 11:15	127-18-4	
Toluene	0.33 U	ug/L	1.0	0.33	1		01/23/21 11:15	108-88-3	
1,1,1-Trichloroethane	0.30 U	ug/L	1.0	0.30	1		01/23/21 11:15	71-55-6	
1,1,2-Trichloroethane	0.30 U	ug/L	1.0	0.30	1		01/23/21 11:15	79-00-5	
Trichloroethene	0.36 U	ug/L	1.0	0.36	1		01/23/21 11:15	79-01-6	
Trichlorofluoromethane	0.35 U	ug/L	1.0	0.35	1		01/23/21 11:15	75-69-4	

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ANALYTICAL RESULTS

Project: Speedway # 6893

Pace Project No.: 35606415

Sample: MWA 01202021 **Lab ID: 35606415006** Collected: 01/20/21 15:29 Received: 01/21/21 12:17 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Ormond Beach									
1,2,3-Trichloropropane	0.53 U	ug/L	2.0	0.53	1		01/23/21 11:15	96-18-4	
1,2,4-Trimethylbenzene	0.24 U	ug/L	1.0	0.24	1		01/23/21 11:15	95-63-6	
1,3,5-Trimethylbenzene	0.24 U	ug/L	1.0	0.24	1		01/23/21 11:15	108-67-8	
Vinyl acetate	1.8 U	ug/L	10.0	1.8	1		01/23/21 11:15	108-05-4	
Vinyl chloride	0.39 U	ug/L	1.0	0.39	1		01/23/21 11:15	75-01-4	
Xylene (Total)	2.1 U	ug/L	5.0	2.1	1		01/23/21 11:15	1330-20-7	
m&p-Xylene	2.1 U	ug/L	4.0	2.1	1		01/23/21 11:15	179601-23-1	
o-Xylene	0.57 U	ug/L	1.0	0.57	1		01/23/21 11:15	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	104	%	70-130		1		01/23/21 11:15	460-00-4	
Toluene-d8 (S)	95	%	70-130		1		01/23/21 11:15	2037-26-5	
1,2-Dichlorobenzene-d4 (S)	99	%	70-130		1		01/23/21 11:15	2199-69-1	

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ANALYTICAL RESULTS

Project: Speedway # 6893

Pace Project No.: 35606415

Sample: CW10 01212021 **Lab ID: 35606415007** Collected: 01/21/21 08:24 Received: 01/21/21 12:17 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Field Data									
Analytical Method: Pace Analytical Services - Ormond Beach									
Field pH	6.69	Std. Units			1		01/25/21 10:53		
Field Temperature	26.7	deg C			1		01/25/21 10:53		
Field Specific Conductance	1596	umhos/cm			1		01/25/21 10:53		
Oxygen, Dissolved	1.34	mg/L			1		01/25/21 10:53	7782-44-7	
REDOX	-223.3	mV			1		01/25/21 10:53		
Turbidity	4.02	NTU			1		01/25/21 10:53		
8011 GCS EDB and DBCP									
Analytical Method: EPA 8011 Preparation Method: EPA 8011 Pace Analytical Services - Ormond Beach									
1,2-Dibromoethane (EDB)	0.0074 U	ug/L	0.0099	0.0074	1	01/25/21 15:46	01/26/21 05:57	106-93-4	
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3010 Pace Analytical Services - Ormond Beach									
Lead	4.6 U	ug/L	10.0	4.6	1	01/26/21 04:45	01/26/21 15:44	7439-92-1	
8260 MSV									
Analytical Method: EPA 8260 Pace Analytical Services - Ormond Beach									
Acetone	5.3 U	ug/L	25.0	5.3	1		01/23/21 11:15	67-64-1	
Acetonitrile	25.0 U	ug/L	50.0	25.0	1		01/23/21 11:15	75-05-8	
Benzene	0.30 U	ug/L	1.0	0.30	1		01/23/21 11:15	71-43-2	
Bromochloromethane	0.37 U	ug/L	1.0	0.37	1		01/23/21 11:15	74-97-5	
Bromodichloromethane	0.19 U	ug/L	1.0	0.19	1		01/23/21 11:15	75-27-4	
Bromoform	0.48 U	ug/L	3.0	0.48	1		01/23/21 11:15	75-25-2	
Bromomethane	8.1 U	ug/L	10.0	8.1	1		01/23/21 11:15	74-83-9	J(v2)
2-Butanone (MEK)	21.0 U	ug/L	50.0	21.0	1		01/23/21 11:15	78-93-3	
Carbon disulfide	1.8 U	ug/L	10.0	1.8	1		01/23/21 11:15	75-15-0	
Carbon tetrachloride	0.44 U	ug/L	3.0	0.44	1		01/23/21 11:15	56-23-5	
Chlorobenzene	0.35 U	ug/L	1.0	0.35	1		01/23/21 11:15	108-90-7	
Chloroethane	3.7 U	ug/L	10.0	3.7	1		01/23/21 11:15	75-00-3	
Chloroform	0.32 U	ug/L	1.0	0.32	1		01/23/21 11:15	67-66-3	
Chloromethane	0.43 U	ug/L	1.0	0.43	1		01/23/21 11:15	74-87-3	J(v2)
1,2-Dibromo-3-chloropropane	1.9 U	ug/L	5.0	1.9	1		01/23/21 11:15	96-12-8	
Dibromochloromethane	0.45 U	ug/L	2.0	0.45	1		01/23/21 11:15	124-48-1	
Dibromomethane	0.68 U	ug/L	2.0	0.68	1		01/23/21 11:15	74-95-3	
1,2-Dichlorobenzene	0.60 U	ug/L	1.0	0.60	1		01/23/21 11:15	95-50-1	
1,4-Dichlorobenzene	0.28 U	ug/L	1.0	0.28	1		01/23/21 11:15	106-46-7	
trans-1,4-Dichloro-2-butene	2.5 U	ug/L	10.0	2.5	1		01/23/21 11:15	110-57-6	J(v2)
1,1-Dichloroethane	0.34 U	ug/L	1.0	0.34	1		01/23/21 11:15	75-34-3	
1,2-Dichloroethane	0.27 U	ug/L	1.0	0.27	1		01/23/21 11:15	107-06-2	
1,2-Dichloroethene (Total)	0.27 U	ug/L	1.0	0.27	1		01/23/21 11:15	540-59-0	N2
1,1-Dichloroethene	0.59 U	ug/L	1.0	0.59	1		01/23/21 11:15	75-35-4	
cis-1,2-Dichloroethene	0.27 U	ug/L	1.0	0.27	1		01/23/21 11:15	156-59-2	
trans-1,2-Dichloroethene	0.23 U	ug/L	1.0	0.23	1		01/23/21 11:15	156-60-5	
1,2-Dichloropropane	0.23 U	ug/L	1.0	0.23	1		01/23/21 11:15	78-87-5	
cis-1,3-Dichloropropene	0.17 U	ug/L	1.0	0.17	1		01/23/21 11:15	10061-01-5	

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ANALYTICAL RESULTS

Project: Speedway # 6893

Pace Project No.: 35606415

Sample: CW10 01212021 **Lab ID: 35606415007** Collected: 01/21/21 08:24 Received: 01/21/21 12:17 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Ormond Beach									
trans-1,3-Dichloropropene	0.37 U	ug/L	1.0	0.37	1		01/23/21 11:15	10061-02-6	
Ethylbenzene	0.30 U	ug/L	1.0	0.30	1		01/23/21 11:15	100-41-4	
2-Hexanone	3.2 U	ug/L	25.0	3.2	1		01/23/21 11:15	591-78-6	
Iodomethane	9.3 U	ug/L	10.0	9.3	1		01/23/21 11:15	74-88-4	J(v2)
Isopropylbenzene (Cumene)	0.30 U	ug/L	1.0	0.30	1		01/23/21 11:15	98-82-8	
Methylene Chloride	4.4 U	ug/L	5.0	4.4	1		01/23/21 11:15	75-09-2	
4-Methyl-2-pentanone (MIBK)	7.5 U	ug/L	25.0	7.5	1		01/23/21 11:15	108-10-1	
Methyl-tert-butyl ether	4.4 U	ug/L	5.0	4.4	1		01/23/21 11:15	1634-04-4	
Styrene	0.26 U	ug/L	1.0	0.26	1		01/23/21 11:15	100-42-5	
1,1,1,2-Tetrachloroethane	0.32 U	ug/L	1.0	0.32	1		01/23/21 11:15	630-20-6	
1,1,2,2-Tetrachloroethane	0.59 U	ug/L	1.0	0.59	1		01/23/21 11:15	79-34-5	
Tetrachloroethene	0.38 U	ug/L	1.0	0.38	1		01/23/21 11:15	127-18-4	
Toluene	0.33 U	ug/L	1.0	0.33	1		01/23/21 11:15	108-88-3	
1,1,1-Trichloroethane	0.30 U	ug/L	1.0	0.30	1		01/23/21 11:15	71-55-6	
1,1,2-Trichloroethane	0.30 U	ug/L	1.0	0.30	1		01/23/21 11:15	79-00-5	
Trichloroethene	0.36 U	ug/L	1.0	0.36	1		01/23/21 11:15	79-01-6	
Trichlorofluoromethane	0.35 U	ug/L	1.0	0.35	1		01/23/21 11:15	75-69-4	
1,2,3-Trichloropropane	0.53 U	ug/L	2.0	0.53	1		01/23/21 11:15	96-18-4	
1,2,4-Trimethylbenzene	0.24 U	ug/L	1.0	0.24	1		01/23/21 11:15	95-63-6	
1,3,5-Trimethylbenzene	0.24 U	ug/L	1.0	0.24	1		01/23/21 11:15	108-67-8	
Vinyl acetate	1.8 U	ug/L	10.0	1.8	1		01/23/21 11:15	108-05-4	
Vinyl chloride	0.39 U	ug/L	1.0	0.39	1		01/23/21 11:15	75-01-4	
Xylene (Total)	2.1 U	ug/L	5.0	2.1	1		01/23/21 11:15	1330-20-7	
m&p-Xylene	2.1 U	ug/L	4.0	2.1	1		01/23/21 11:15	179601-23-1	
o-Xylene	0.57 U	ug/L	1.0	0.57	1		01/23/21 11:15	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	104	%	70-130		1		01/23/21 11:15	460-00-4	
Toluene-d8 (S)	95	%	70-130		1		01/23/21 11:15	2037-26-5	
1,2-Dichlorobenzene-d4 (S)	99	%	70-130		1		01/23/21 11:15	2199-69-1	

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ANALYTICAL RESULTS

Project: Speedway # 6893

Pace Project No.: 35606415

Sample: CW2 01212021 **Lab ID: 35606415008** Collected: 01/21/21 08:28 Received: 01/21/21 12:17 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Field Data									
Analytical Method: Pace Analytical Services - Ormond Beach									
Field pH	6.38	Std. Units			1		01/25/21 10:40		
Field Temperature	24.1	deg C			1		01/25/21 10:40		
Field Specific Conductance	638	umhos/cm			1		01/25/21 10:40		
Oxygen, Dissolved	1.39	mg/L			1		01/25/21 10:40	7782-44-7	
REDOX	-99.3	mV			1		01/25/21 10:40		
Turbidity	2.78	NTU			1		01/25/21 10:40		
8011 GCS EDB and DBCP									
Analytical Method: EPA 8011 Preparation Method: EPA 8011 Pace Analytical Services - Ormond Beach									
1,2-Dibromoethane (EDB)	0.0072 U	ug/L	0.0097	0.0072	1	01/25/21 15:46	01/26/21 06:12	106-93-4	
FL-PRO Water, Low Volume									
Analytical Method: FL-PRO Preparation Method: EPA 3510 Pace Analytical Services - Ormond Beach									
Petroleum Range Organics <i>Surrogates</i>	16.3	mg/L	4.7	3.8	5	01/22/21 21:38	01/23/21 07:37		
o-Terphenyl (S)	85	%	66-139		5	01/22/21 21:38	01/23/21 07:37	84-15-1	D4
N-Pentatriacontane (S)	91	%	42-159		5	01/22/21 21:38	01/23/21 07:37	630-07-09	
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3010 Pace Analytical Services - Ormond Beach									
Lead	4.6 U	ug/L	10.0	4.6	1	01/26/21 04:45	01/26/21 15:47	7439-92-1	
8270 MSSV PAHLV by SIM									
Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3510 Pace Analytical Services - Ormond Beach									
Acenaphthene	0.040 U	ug/L	0.50	0.040	1	01/25/21 08:08	01/25/21 15:04	83-32-9	
Acenaphthylene	0.030 U	ug/L	0.50	0.030	1	01/25/21 08:08	01/25/21 15:04	208-96-8	
Anthracene	0.043 U	ug/L	0.50	0.043	1	01/25/21 08:08	01/25/21 15:04	120-12-7	
Benzo(a)anthracene	0.055 U	ug/L	0.10	0.055	1	01/25/21 08:08	01/25/21 15:04	56-55-3	
Benzo(a)pyrene	0.12 U	ug/L	0.20	0.12	1	01/25/21 08:08	01/25/21 15:04	50-32-8	
Benzo(b)fluoranthene	0.027 U	ug/L	0.10	0.027	1	01/25/21 08:08	01/25/21 15:04	205-99-2	
Benzo(g,h,i)perylene	0.15 U	ug/L	0.50	0.15	1	01/25/21 08:08	01/25/21 15:04	191-24-2	
Benzo(k)fluoranthene	0.16 U	ug/L	0.50	0.16	1	01/25/21 08:08	01/25/21 15:04	207-08-9	
Chrysene	0.026 U	ug/L	0.50	0.026	1	01/25/21 08:08	01/25/21 15:04	218-01-9	
Dibenz(a,h)anthracene	0.13 U	ug/L	0.15	0.13	1	01/25/21 08:08	01/25/21 15:04	53-70-3	
Fluoranthene	0.018 U	ug/L	0.50	0.018	1	01/25/21 08:08	01/25/21 15:04	206-44-0	
Fluorene	0.088 U	ug/L	0.50	0.088	1	01/25/21 08:08	01/25/21 15:04	86-73-7	
Indeno(1,2,3-cd)pyrene	0.12 U	ug/L	0.15	0.12	1	01/25/21 08:08	01/25/21 15:04	193-39-5	
1-Methylnaphthalene	0.19 U	ug/L	2.0	0.19	1	01/25/21 08:08	01/25/21 15:04	90-12-0	
2-Methylnaphthalene	0.68 U	ug/L	2.0	0.68	1	01/25/21 08:08	01/25/21 15:04	91-57-6	
Naphthalene	0.29 U	ug/L	2.0	0.29	1	01/25/21 08:08	01/25/21 15:04	91-20-3	
Phenanthrene	0.16 U	ug/L	0.50	0.16	1	01/25/21 08:08	01/25/21 15:04	85-01-8	
Pyrene	0.032 U	ug/L	0.50	0.032	1	01/25/21 08:08	01/25/21 15:04	129-00-0	
<i>Surrogates</i>									
2-Fluorobiphenyl (S)	66	%	32-100		1	01/25/21 08:08	01/25/21 15:04	321-60-8	
p-Terphenyl-d14 (S)	93	%	48-112		1	01/25/21 08:08	01/25/21 15:04	1718-51-0	

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ANALYTICAL RESULTS

Project: Speedway # 6893

Pace Project No.: 35606415

Sample: **CW2 01212021** Lab ID: **35606415008** Collected: 01/21/21 08:28 Received: 01/21/21 12:17 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Ormond Beach									
Acetone	5.3 U	ug/L	25.0	5.3	1		01/23/21 03:14	67-64-1	
Acetonitrile	25.0 U	ug/L	50.0	25.0	1		01/23/21 03:14	75-05-8	J(v2)
Benzene	0.30 U	ug/L	1.0	0.30	1		01/23/21 03:14	71-43-2	
Bromochloromethane	0.37 U	ug/L	1.0	0.37	1		01/23/21 03:14	74-97-5	
Bromodichloromethane	0.19 U	ug/L	1.0	0.19	1		01/23/21 03:14	75-27-4	
Bromoform	0.48 U	ug/L	3.0	0.48	1		01/23/21 03:14	75-25-2	
Bromomethane	8.1 U	ug/L	10.0	8.1	1		01/23/21 03:14	74-83-9	J(v2)
2-Butanone (MEK)	21.0 U	ug/L	50.0	21.0	1		01/23/21 03:14	78-93-3	J(v2)
Carbon disulfide	1.8 U	ug/L	10.0	1.8	1		01/23/21 03:14	75-15-0	J(v1)
Carbon tetrachloride	0.44 U	ug/L	3.0	0.44	1		01/23/21 03:14	56-23-5	
Chlorobenzene	0.35 U	ug/L	1.0	0.35	1		01/23/21 03:14	108-90-7	
Chloroethane	3.7 U	ug/L	10.0	3.7	1		01/23/21 03:14	75-00-3	
Chloroform	0.32 U	ug/L	1.0	0.32	1		01/23/21 03:14	67-66-3	
Chloromethane	0.43 U	ug/L	1.0	0.43	1		01/23/21 03:14	74-87-3	
1,2-Dibromo-3-chloropropane	1.9 U	ug/L	5.0	1.9	1		01/23/21 03:14	96-12-8	
Dibromochloromethane	0.45 U	ug/L	2.0	0.45	1		01/23/21 03:14	124-48-1	
Dibromomethane	0.68 U	ug/L	2.0	0.68	1		01/23/21 03:14	74-95-3	
1,2-Dichlorobenzene	0.60 U	ug/L	1.0	0.60	1		01/23/21 03:14	95-50-1	
1,4-Dichlorobenzene	0.28 U	ug/L	1.0	0.28	1		01/23/21 03:14	106-46-7	
trans-1,4-Dichloro-2-butene	2.5 U	ug/L	10.0	2.5	1		01/23/21 03:14	110-57-6	J(v2)
1,1-Dichloroethane	0.34 U	ug/L	1.0	0.34	1		01/23/21 03:14	75-34-3	
1,2-Dichloroethane	0.27 U	ug/L	1.0	0.27	1		01/23/21 03:14	107-06-2	
1,2-Dichloroethene (Total)	0.27 U	ug/L	1.0	0.27	1		01/23/21 03:14	540-59-0	N2
1,1-Dichloroethene	0.59 U	ug/L	1.0	0.59	1		01/23/21 03:14	75-35-4	
cis-1,2-Dichloroethene	0.27 U	ug/L	1.0	0.27	1		01/23/21 03:14	156-59-2	
trans-1,2-Dichloroethene	0.23 U	ug/L	1.0	0.23	1		01/23/21 03:14	156-60-5	
1,2-Dichloropropane	0.23 U	ug/L	1.0	0.23	1		01/23/21 03:14	78-87-5	
cis-1,3-Dichloropropene	0.17 U	ug/L	1.0	0.17	1		01/23/21 03:14	10061-01-5	
trans-1,3-Dichloropropene	0.37 U	ug/L	1.0	0.37	1		01/23/21 03:14	10061-02-6	
Ethylbenzene	0.30 U	ug/L	1.0	0.30	1		01/23/21 03:14	100-41-4	
2-Hexanone	3.2 U	ug/L	25.0	3.2	1		01/23/21 03:14	591-78-6	J(v2)
Iodomethane	9.3 U	ug/L	10.0	9.3	1		01/23/21 03:14	74-88-4	J(v2)
Isopropylbenzene (Cumene)	0.30 U	ug/L	1.0	0.30	1		01/23/21 03:14	98-82-8	
Methylene Chloride	4.4 U	ug/L	5.0	4.4	1		01/23/21 03:14	75-09-2	
4-Methyl-2-pentanone (MIBK)	7.5 U	ug/L	25.0	7.5	1		01/23/21 03:14	108-10-1	J(v2)
Methyl-tert-butyl ether	4.4 U	ug/L	5.0	4.4	1		01/23/21 03:14	1634-04-4	
Styrene	0.26 U	ug/L	1.0	0.26	1		01/23/21 03:14	100-42-5	J(v2)
1,1,1,2-Tetrachloroethane	0.32 U	ug/L	1.0	0.32	1		01/23/21 03:14	630-20-6	
1,1,2,2-Tetrachloroethane	0.59 U	ug/L	1.0	0.59	1		01/23/21 03:14	79-34-5	
Tetrachloroethene	0.38 U	ug/L	1.0	0.38	1		01/23/21 03:14	127-18-4	
Toluene	0.33 U	ug/L	1.0	0.33	1		01/23/21 03:14	108-88-3	
1,1,1-Trichloroethane	0.30 U	ug/L	1.0	0.30	1		01/23/21 03:14	71-55-6	
1,1,2-Trichloroethane	0.30 U	ug/L	1.0	0.30	1		01/23/21 03:14	79-00-5	
Trichloroethene	0.36 U	ug/L	1.0	0.36	1		01/23/21 03:14	79-01-6	
Trichlorofluoromethane	0.35 U	ug/L	1.0	0.35	1		01/23/21 03:14	75-69-4	

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ANALYTICAL RESULTS

Project: Speedway # 6893

Pace Project No.: 35606415

Sample: CW2 01212021 **Lab ID: 35606415008** Collected: 01/21/21 08:28 Received: 01/21/21 12:17 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Ormond Beach									
1,2,3-Trichloropropane	0.53 U	ug/L	2.0	0.53	1		01/23/21 03:14	96-18-4	
1,2,4-Trimethylbenzene	0.24 U	ug/L	1.0	0.24	1		01/23/21 03:14	95-63-6	
1,3,5-Trimethylbenzene	0.24 U	ug/L	1.0	0.24	1		01/23/21 03:14	108-67-8	
Vinyl acetate	1.8 U	ug/L	10.0	1.8	1		01/23/21 03:14	108-05-4	
Vinyl chloride	0.39 U	ug/L	1.0	0.39	1		01/23/21 03:14	75-01-4	
Xylene (Total)	2.1 U	ug/L	5.0	2.1	1		01/23/21 03:14	1330-20-7	
m&p-Xylene	2.1 U	ug/L	4.0	2.1	1		01/23/21 03:14	179601-23-1	
o-Xylene	0.57 U	ug/L	1.0	0.57	1		01/23/21 03:14	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	91	%	70-130		1		01/23/21 03:14	460-00-4	
Toluene-d8 (S)	100	%	70-130		1		01/23/21 03:14	2037-26-5	
1,2-Dichlorobenzene-d4 (S)	106	%	70-130		1		01/23/21 03:14	2199-69-1	

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ANALYTICAL RESULTS

Project: Speedway # 6893

Pace Project No.: 35606415

Sample: CW9 01212021 **Lab ID: 35606415009** Collected: 01/21/21 09:08 Received: 01/21/21 12:17 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Field Data									
Analytical Method: Pace Analytical Services - Ormond Beach									
Field pH	6.85	Std. Units			1		01/25/21 10:58		
Field Temperature	24.6	deg C			1		01/25/21 10:58		
Field Specific Conductance	470	umhos/cm			1		01/25/21 10:58		
Oxygen, Dissolved	0.69	mg/L			1		01/25/21 10:58	7782-44-7	
REDOX	-49.6	mV			1		01/25/21 10:58		
Turbidity	3.41	NTU			1		01/25/21 10:58		
8011 GCS EDB and DBCP									
Analytical Method: EPA 8011 Preparation Method: EPA 8011 Pace Analytical Services - Ormond Beach									
1,2-Dibromoethane (EDB)	0.0075 U	ug/L	0.010	0.0075	1	01/25/21 15:46	01/26/21 06:27	106-93-4	
FL-PRO Water, Low Volume									
Analytical Method: FL-PRO Preparation Method: EPA 3510 Pace Analytical Services - Ormond Beach									
Petroleum Range Organics <i>Surrogates</i>	0.74 U	mg/L	0.93	0.74	1	01/22/21 21:38	01/23/21 03:32		
o-Terphenyl (S)	89	%	66-139		1	01/22/21 21:38	01/23/21 03:32	84-15-1	
N-Pentatriacontane (S)	95	%	42-159		1	01/22/21 21:38	01/23/21 03:32	630-07-09	
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3010 Pace Analytical Services - Ormond Beach									
Lead	4.6 U	ug/L	10.0	4.6	1	01/26/21 04:45	01/26/21 15:50	7439-92-1	
8270 MSSV PAHLV by SIM									
Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3510 Pace Analytical Services - Ormond Beach									
Acenaphthene	0.040 U	ug/L	0.50	0.040	1	01/25/21 08:08	01/25/21 15:26	83-32-9	
Acenaphthylene	0.030 U	ug/L	0.50	0.030	1	01/25/21 08:08	01/25/21 15:26	208-96-8	
Anthracene	0.043 U	ug/L	0.50	0.043	1	01/25/21 08:08	01/25/21 15:26	120-12-7	
Benzo(a)anthracene	0.055 U	ug/L	0.10	0.055	1	01/25/21 08:08	01/25/21 15:26	56-55-3	
Benzo(a)pyrene	0.12 U	ug/L	0.20	0.12	1	01/25/21 08:08	01/25/21 15:26	50-32-8	
Benzo(b)fluoranthene	0.027 U	ug/L	0.10	0.027	1	01/25/21 08:08	01/25/21 15:26	205-99-2	
Benzo(g,h,i)perylene	0.15 U	ug/L	0.50	0.15	1	01/25/21 08:08	01/25/21 15:26	191-24-2	
Benzo(k)fluoranthene	0.16 U	ug/L	0.50	0.16	1	01/25/21 08:08	01/25/21 15:26	207-08-9	
Chrysene	0.026 U	ug/L	0.50	0.026	1	01/25/21 08:08	01/25/21 15:26	218-01-9	
Dibenz(a,h)anthracene	0.13 U	ug/L	0.15	0.13	1	01/25/21 08:08	01/25/21 15:26	53-70-3	
Fluoranthene	0.018 U	ug/L	0.50	0.018	1	01/25/21 08:08	01/25/21 15:26	206-44-0	
Fluorene	0.088 U	ug/L	0.50	0.088	1	01/25/21 08:08	01/25/21 15:26	86-73-7	
Indeno(1,2,3-cd)pyrene	0.12 U	ug/L	0.15	0.12	1	01/25/21 08:08	01/25/21 15:26	193-39-5	
1-Methylnaphthalene	0.19 U	ug/L	2.0	0.19	1	01/25/21 08:08	01/25/21 15:26	90-12-0	
2-Methylnaphthalene	0.68 U	ug/L	2.0	0.68	1	01/25/21 08:08	01/25/21 15:26	91-57-6	
Naphthalene	0.29 U	ug/L	2.0	0.29	1	01/25/21 08:08	01/25/21 15:26	91-20-3	
Phenanthrene	0.16 U	ug/L	0.50	0.16	1	01/25/21 08:08	01/25/21 15:26	85-01-8	
Pyrene	0.032 U	ug/L	0.50	0.032	1	01/25/21 08:08	01/25/21 15:26	129-00-0	
<i>Surrogates</i>									
2-Fluorobiphenyl (S)	83	%	32-100		1	01/25/21 08:08	01/25/21 15:26	321-60-8	
p-Terphenyl-d14 (S)	91	%	48-112		1	01/25/21 08:08	01/25/21 15:26	1718-51-0	

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ANALYTICAL RESULTS

Project: Speedway # 6893

Pace Project No.: 35606415

Sample: **CW9 01212021** Lab ID: **35606415009** Collected: 01/21/21 09:08 Received: 01/21/21 12:17 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Ormond Beach									
Acetone	5.4 I	ug/L	25.0	5.3	1		01/23/21 04:09	67-64-1	
Acetonitrile	25.0 U	ug/L	50.0	25.0	1		01/23/21 04:09	75-05-8	J(v2)
Benzene	0.30 U	ug/L	1.0	0.30	1		01/23/21 04:09	71-43-2	
Bromochloromethane	0.37 U	ug/L	1.0	0.37	1		01/23/21 04:09	74-97-5	
Bromodichloromethane	0.19 U	ug/L	1.0	0.19	1		01/23/21 04:09	75-27-4	
Bromoform	0.48 U	ug/L	3.0	0.48	1		01/23/21 04:09	75-25-2	
Bromomethane	8.1 U	ug/L	10.0	8.1	1		01/23/21 04:09	74-83-9	J(v2)
2-Butanone (MEK)	21.0 U	ug/L	50.0	21.0	1		01/23/21 04:09	78-93-3	J(v2)
Carbon disulfide	1.8 U	ug/L	10.0	1.8	1		01/23/21 04:09	75-15-0	J(v1)
Carbon tetrachloride	0.44 U	ug/L	3.0	0.44	1		01/23/21 04:09	56-23-5	
Chlorobenzene	0.35 U	ug/L	1.0	0.35	1		01/23/21 04:09	108-90-7	
Chloroethane	3.7 U	ug/L	10.0	3.7	1		01/23/21 04:09	75-00-3	
Chloroform	0.32 U	ug/L	1.0	0.32	1		01/23/21 04:09	67-66-3	
Chloromethane	0.43 U	ug/L	1.0	0.43	1		01/23/21 04:09	74-87-3	
1,2-Dibromo-3-chloropropane	1.9 U	ug/L	5.0	1.9	1		01/23/21 04:09	96-12-8	
Dibromochloromethane	0.45 U	ug/L	2.0	0.45	1		01/23/21 04:09	124-48-1	
Dibromomethane	0.68 U	ug/L	2.0	0.68	1		01/23/21 04:09	74-95-3	
1,2-Dichlorobenzene	0.60 U	ug/L	1.0	0.60	1		01/23/21 04:09	95-50-1	
1,4-Dichlorobenzene	0.28 U	ug/L	1.0	0.28	1		01/23/21 04:09	106-46-7	
trans-1,4-Dichloro-2-butene	2.5 U	ug/L	10.0	2.5	1		01/23/21 04:09	110-57-6	J(v2)
1,1-Dichloroethane	0.34 U	ug/L	1.0	0.34	1		01/23/21 04:09	75-34-3	
1,2-Dichloroethane	0.27 U	ug/L	1.0	0.27	1		01/23/21 04:09	107-06-2	
1,2-Dichloroethene (Total)	0.27 U	ug/L	1.0	0.27	1		01/23/21 04:09	540-59-0	N2
1,1-Dichloroethene	0.59 U	ug/L	1.0	0.59	1		01/23/21 04:09	75-35-4	
cis-1,2-Dichloroethene	0.27 U	ug/L	1.0	0.27	1		01/23/21 04:09	156-59-2	
trans-1,2-Dichloroethene	0.23 U	ug/L	1.0	0.23	1		01/23/21 04:09	156-60-5	
1,2-Dichloropropane	0.23 U	ug/L	1.0	0.23	1		01/23/21 04:09	78-87-5	
cis-1,3-Dichloropropene	0.17 U	ug/L	1.0	0.17	1		01/23/21 04:09	10061-01-5	J(M1)
trans-1,3-Dichloropropene	0.37 U	ug/L	1.0	0.37	1		01/23/21 04:09	10061-02-6	
Ethylbenzene	0.30 U	ug/L	1.0	0.30	1		01/23/21 04:09	100-41-4	
2-Hexanone	3.2 U	ug/L	25.0	3.2	1		01/23/21 04:09	591-78-6	J(v2)
Iodomethane	9.3 U	ug/L	10.0	9.3	1		01/23/21 04:09	74-88-4	J(v2)
Isopropylbenzene (Cumene)	0.30 U	ug/L	1.0	0.30	1		01/23/21 04:09	98-82-8	
Methylene Chloride	4.4 U	ug/L	5.0	4.4	1		01/23/21 04:09	75-09-2	
4-Methyl-2-pentanone (MIBK)	7.5 U	ug/L	25.0	7.5	1		01/23/21 04:09	108-10-1	J(v2)
Methyl-tert-butyl ether	4.4 U	ug/L	5.0	4.4	1		01/23/21 04:09	1634-04-4	
Styrene	0.26 U	ug/L	1.0	0.26	1		01/23/21 04:09	100-42-5	J(M1), J(v2)
1,1,1,2-Tetrachloroethane	0.32 U	ug/L	1.0	0.32	1		01/23/21 04:09	630-20-6	
1,1,2,2-Tetrachloroethane	0.59 U	ug/L	1.0	0.59	1		01/23/21 04:09	79-34-5	
Tetrachloroethene	0.38 U	ug/L	1.0	0.38	1		01/23/21 04:09	127-18-4	
Toluene	0.33 U	ug/L	1.0	0.33	1		01/23/21 04:09	108-88-3	
1,1,1-Trichloroethane	0.30 U	ug/L	1.0	0.30	1		01/23/21 04:09	71-55-6	
1,1,2-Trichloroethane	0.30 U	ug/L	1.0	0.30	1		01/23/21 04:09	79-00-5	
Trichloroethene	0.36 U	ug/L	1.0	0.36	1		01/23/21 04:09	79-01-6	

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ANALYTICAL RESULTS

Project: Speedway # 6893

Pace Project No.: 35606415

Sample: CW9 01212021 **Lab ID: 35606415009** Collected: 01/21/21 09:08 Received: 01/21/21 12:17 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Ormond Beach									
Trichlorofluoromethane	0.35 U	ug/L	1.0	0.35	1		01/23/21 04:09	75-69-4	
1,2,3-Trichloropropane	0.53 U	ug/L	2.0	0.53	1		01/23/21 04:09	96-18-4	
1,2,4-Trimethylbenzene	0.24 U	ug/L	1.0	0.24	1		01/23/21 04:09	95-63-6	
1,3,5-Trimethylbenzene	0.24 U	ug/L	1.0	0.24	1		01/23/21 04:09	108-67-8	
Vinyl acetate	1.8 U	ug/L	10.0	1.8	1		01/23/21 04:09	108-05-4	
Vinyl chloride	0.39 U	ug/L	1.0	0.39	1		01/23/21 04:09	75-01-4	
Xylene (Total)	2.1 U	ug/L	5.0	2.1	1		01/23/21 04:09	1330-20-7	
m&p-Xylene	2.1 U	ug/L	4.0	2.1	1		01/23/21 04:09	179601-23-1	
o-Xylene	0.57 U	ug/L	1.0	0.57	1		01/23/21 04:09	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	93	%	70-130		1		01/23/21 04:09	460-00-4	
Toluene-d8 (S)	98	%	70-130		1		01/23/21 04:09	2037-26-5	
1,2-Dichlorobenzene-d4 (S)	106	%	70-130		1		01/23/21 04:09	2199-69-1	

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ANALYTICAL RESULTS

Project: Speedway # 6893

Pace Project No.: 35606415

Sample: CW6 01212021 **Lab ID: 35606415010** Collected: 01/21/21 09:26 Received: 01/21/21 12:17 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Field Data									
Analytical Method: Pace Analytical Services - Ormond Beach									
Field pH	6.74	Std. Units			1		01/25/21 10:44		
Field Temperature	26.3	deg C			1		01/25/21 10:44		
Field Specific Conductance	921	umhos/cm			1		01/25/21 10:44		
Oxygen, Dissolved	0.60	mg/L			1		01/25/21 10:44	7782-44-7	
REDOX	-227.3	mV			1		01/25/21 10:44		
Turbidity	3.79	NTU			1		01/25/21 10:44		
8011 GCS EDB and DBCP									
Analytical Method: EPA 8011 Preparation Method: EPA 8011 Pace Analytical Services - Ormond Beach									
1,2-Dibromoethane (EDB)	0.0074 U	ug/L	0.0099	0.0074	1	01/25/21 15:46	01/26/21 06:42	106-93-4	
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3010 Pace Analytical Services - Ormond Beach									
Lead	4.6 U	ug/L	10.0	4.6	1	01/26/21 04:45	01/26/21 15:53	7439-92-1	
8260 MSV									
Analytical Method: EPA 8260 Pace Analytical Services - Ormond Beach									
Acetone	7.1 I	ug/L	25.0	5.3	1		01/23/21 05:02	67-64-1	
Acetonitrile	25.0 U	ug/L	50.0	25.0	1		01/23/21 05:02	75-05-8	J(v2)
Benzene	0.91 I	ug/L	1.0	0.30	1		01/23/21 05:02	71-43-2	
Bromochloromethane	0.37 U	ug/L	1.0	0.37	1		01/23/21 05:02	74-97-5	
Bromodichloromethane	0.19 U	ug/L	1.0	0.19	1		01/23/21 05:02	75-27-4	
Bromoform	0.48 U	ug/L	3.0	0.48	1		01/23/21 05:02	75-25-2	
Bromomethane	8.1 U	ug/L	10.0	8.1	1		01/23/21 05:02	74-83-9	J(v2)
2-Butanone (MEK)	21.0 U	ug/L	50.0	21.0	1		01/23/21 05:02	78-93-3	J(v2)
Carbon disulfide	1.8 U	ug/L	10.0	1.8	1		01/23/21 05:02	75-15-0	J(v1)
Carbon tetrachloride	0.44 U	ug/L	3.0	0.44	1		01/23/21 05:02	56-23-5	
Chlorobenzene	0.35 U	ug/L	1.0	0.35	1		01/23/21 05:02	108-90-7	
Chloroethane	3.7 U	ug/L	10.0	3.7	1		01/23/21 05:02	75-00-3	
Chloroform	0.32 U	ug/L	1.0	0.32	1		01/23/21 05:02	67-66-3	
Chloromethane	0.43 U	ug/L	1.0	0.43	1		01/23/21 05:02	74-87-3	
1,2-Dibromo-3-chloropropane	1.9 U	ug/L	5.0	1.9	1		01/23/21 05:02	96-12-8	
Dibromochloromethane	0.45 U	ug/L	2.0	0.45	1		01/23/21 05:02	124-48-1	
Dibromomethane	0.68 U	ug/L	2.0	0.68	1		01/23/21 05:02	74-95-3	
1,2-Dichlorobenzene	0.60 U	ug/L	1.0	0.60	1		01/23/21 05:02	95-50-1	
1,4-Dichlorobenzene	0.28 U	ug/L	1.0	0.28	1		01/23/21 05:02	106-46-7	
trans-1,4-Dichloro-2-butene	2.5 U	ug/L	10.0	2.5	1		01/23/21 05:02	110-57-6	J(v2)
1,1-Dichloroethane	0.34 U	ug/L	1.0	0.34	1		01/23/21 05:02	75-34-3	
1,2-Dichloroethane	0.27 U	ug/L	1.0	0.27	1		01/23/21 05:02	107-06-2	
1,2-Dichloroethane (Total)	0.27 U	ug/L	1.0	0.27	1		01/23/21 05:02	540-59-0	N2
1,1-Dichloroethene	0.59 U	ug/L	1.0	0.59	1		01/23/21 05:02	75-35-4	
cis-1,2-Dichloroethene	0.27 U	ug/L	1.0	0.27	1		01/23/21 05:02	156-59-2	
trans-1,2-Dichloroethene	0.23 U	ug/L	1.0	0.23	1		01/23/21 05:02	156-60-5	
1,2-Dichloropropane	0.23 U	ug/L	1.0	0.23	1		01/23/21 05:02	78-87-5	
cis-1,3-Dichloropropene	0.17 U	ug/L	1.0	0.17	1		01/23/21 05:02	10061-01-5	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Speedway # 6893

Pace Project No.: 35606415

Sample: CW6 01212021 **Lab ID: 35606415010** Collected: 01/21/21 09:26 Received: 01/21/21 12:17 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Ormond Beach									
trans-1,3-Dichloropropene	0.37 U	ug/L	1.0	0.37	1		01/23/21 05:02	10061-02-6	
Ethylbenzene	0.34 I	ug/L	1.0	0.30	1		01/23/21 05:02	100-41-4	
2-Hexanone	3.2 U	ug/L	25.0	3.2	1		01/23/21 05:02	591-78-6	J(v2)
Iodomethane	9.3 U	ug/L	10.0	9.3	1		01/23/21 05:02	74-88-4	J(v2)
Isopropylbenzene (Cumene)	2.6	ug/L	1.0	0.30	1		01/23/21 05:02	98-82-8	
Methylene Chloride	4.4 U	ug/L	5.0	4.4	1		01/23/21 05:02	75-09-2	
4-Methyl-2-pentanone (MIBK)	7.5 U	ug/L	25.0	7.5	1		01/23/21 05:02	108-10-1	J(v2)
Methyl-tert-butyl ether	4.4 U	ug/L	5.0	4.4	1		01/23/21 05:02	1634-04-4	
Styrene	0.95 I	ug/L	1.0	0.26	1		01/23/21 05:02	100-42-5	J(v2)
1,1,1,2-Tetrachloroethane	0.32 U	ug/L	1.0	0.32	1		01/23/21 05:02	630-20-6	
1,1,2,2-Tetrachloroethane	0.59 U	ug/L	1.0	0.59	1		01/23/21 05:02	79-34-5	
Tetrachloroethene	0.38 U	ug/L	1.0	0.38	1		01/23/21 05:02	127-18-4	
Toluene	1.7	ug/L	1.0	0.33	1		01/23/21 05:02	108-88-3	
1,1,1-Trichloroethane	0.30 U	ug/L	1.0	0.30	1		01/23/21 05:02	71-55-6	
1,1,2-Trichloroethane	0.30 U	ug/L	1.0	0.30	1		01/23/21 05:02	79-00-5	
Trichloroethene	0.36 U	ug/L	1.0	0.36	1		01/23/21 05:02	79-01-6	
Trichlorofluoromethane	0.35 U	ug/L	1.0	0.35	1		01/23/21 05:02	75-69-4	
1,2,3-Trichloropropane	0.53 U	ug/L	2.0	0.53	1		01/23/21 05:02	96-18-4	
1,2,4-Trimethylbenzene	0.24 U	ug/L	1.0	0.24	1		01/23/21 05:02	95-63-6	
1,3,5-Trimethylbenzene	0.24 U	ug/L	1.0	0.24	1		01/23/21 05:02	108-67-8	
Vinyl acetate	1.8 U	ug/L	10.0	1.8	1		01/23/21 05:02	108-05-4	
Vinyl chloride	0.39 U	ug/L	1.0	0.39	1		01/23/21 05:02	75-01-4	
Xylene (Total)	2.1 U	ug/L	5.0	2.1	1		01/23/21 05:02	1330-20-7	
m&p-Xylene	2.1 U	ug/L	4.0	2.1	1		01/23/21 05:02	179601-23-1	
o-Xylene	0.98 I	ug/L	1.0	0.57	1		01/23/21 05:02	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	97	%	70-130		1		01/23/21 05:02	460-00-4	
Toluene-d8 (S)	99	%	70-130		1		01/23/21 05:02	2037-26-5	
1,2-Dichlorobenzene-d4 (S)	104	%	70-130		1		01/23/21 05:02	2199-69-1	

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ANALYTICAL RESULTS

Project: Speedway # 6893

Pace Project No.: 35606415

Sample: MWC 01212021 **Lab ID: 35606415011** Collected: 01/21/21 09:50 Received: 01/21/21 12:17 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Field Data									
Analytical Method: Pace Analytical Services - Ormond Beach									
Field pH	7.25	Std. Units			1		01/25/21 11:07		
Field Temperature	24.4	deg C			1		01/25/21 11:07		
Field Specific Conductance	286	umhos/cm			1		01/25/21 11:07		
Oxygen, Dissolved	0.71	mg/L			1		01/25/21 11:07	7782-44-7	
REDOX	-47.2	mV			1		01/25/21 11:07		
Turbidity	2.60	NTU			1		01/25/21 11:07		
8011 GCS EDB and DBCP									
Analytical Method: EPA 8011 Preparation Method: EPA 8011 Pace Analytical Services - Ormond Beach									
1,2-Dibromoethane (EDB)	0.0075 U	ug/L	0.010	0.0075	1	01/25/21 15:46	01/26/21 06:57	106-93-4	
FL-PRO Water, Low Volume									
Analytical Method: FL-PRO Preparation Method: EPA 3510 Pace Analytical Services - Ormond Beach									
Petroleum Range Organics <i>Surrogates</i>	0.76 U	mg/L	0.94	0.76	1	01/22/21 21:38	01/23/21 03:45		
o-Terphenyl (S)	86	%	66-139		1	01/22/21 21:38	01/23/21 03:45	84-15-1	
N-Pentatriacontane (S)	92	%	42-159		1	01/22/21 21:38	01/23/21 03:45	630-07-09	
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3010 Pace Analytical Services - Ormond Beach									
Lead	4.6 U	ug/L	10.0	4.6	1	01/26/21 04:45	01/26/21 15:56	7439-92-1	
8270 MSSV PAHLV by SIM									
Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3510 Pace Analytical Services - Ormond Beach									
Acenaphthene	0.040 U	ug/L	0.50	0.040	1	01/25/21 08:08	01/25/21 15:49	83-32-9	
Acenaphthylene	0.030 U	ug/L	0.50	0.030	1	01/25/21 08:08	01/25/21 15:49	208-96-8	
Anthracene	0.043 U	ug/L	0.50	0.043	1	01/25/21 08:08	01/25/21 15:49	120-12-7	
Benzo(a)anthracene	0.055 U	ug/L	0.10	0.055	1	01/25/21 08:08	01/25/21 15:49	56-55-3	
Benzo(a)pyrene	0.12 U	ug/L	0.20	0.12	1	01/25/21 08:08	01/25/21 15:49	50-32-8	
Benzo(b)fluoranthene	0.027 U	ug/L	0.10	0.027	1	01/25/21 08:08	01/25/21 15:49	205-99-2	
Benzo(g,h,i)perylene	0.15 U	ug/L	0.50	0.15	1	01/25/21 08:08	01/25/21 15:49	191-24-2	
Benzo(k)fluoranthene	0.16 U	ug/L	0.50	0.16	1	01/25/21 08:08	01/25/21 15:49	207-08-9	
Chrysene	0.026 U	ug/L	0.50	0.026	1	01/25/21 08:08	01/25/21 15:49	218-01-9	
Dibenz(a,h)anthracene	0.13 U	ug/L	0.15	0.13	1	01/25/21 08:08	01/25/21 15:49	53-70-3	
Fluoranthene	0.018 U	ug/L	0.50	0.018	1	01/25/21 08:08	01/25/21 15:49	206-44-0	
Fluorene	0.088 U	ug/L	0.50	0.088	1	01/25/21 08:08	01/25/21 15:49	86-73-7	
Indeno(1,2,3-cd)pyrene	0.12 U	ug/L	0.15	0.12	1	01/25/21 08:08	01/25/21 15:49	193-39-5	
1-Methylnaphthalene	0.19 U	ug/L	2.0	0.19	1	01/25/21 08:08	01/25/21 15:49	90-12-0	
2-Methylnaphthalene	0.68 U	ug/L	2.0	0.68	1	01/25/21 08:08	01/25/21 15:49	91-57-6	
Naphthalene	0.29 U	ug/L	2.0	0.29	1	01/25/21 08:08	01/25/21 15:49	91-20-3	
Phenanthrene	0.16 U	ug/L	0.50	0.16	1	01/25/21 08:08	01/25/21 15:49	85-01-8	
Pyrene	0.032 U	ug/L	0.50	0.032	1	01/25/21 08:08	01/25/21 15:49	129-00-0	
<i>Surrogates</i>									
2-Fluorobiphenyl (S)	76	%	32-100		1	01/25/21 08:08	01/25/21 15:49	321-60-8	
p-Terphenyl-d14 (S)	91	%	48-112		1	01/25/21 08:08	01/25/21 15:49	1718-51-0	

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ANALYTICAL RESULTS

Project: Speedway # 6893

Pace Project No.: 35606415

Sample: MWC 01212021 **Lab ID: 35606415011** Collected: 01/21/21 09:50 Received: 01/21/21 12:17 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Ormond Beach									
Acetone	5.3 U	ug/L	25.0	5.3	1		01/23/21 05:30	67-64-1	
Acetonitrile	25.0 U	ug/L	50.0	25.0	1		01/23/21 05:30	75-05-8	J(v2)
Benzene	0.30 U	ug/L	1.0	0.30	1		01/23/21 05:30	71-43-2	
Bromochloromethane	0.37 U	ug/L	1.0	0.37	1		01/23/21 05:30	74-97-5	
Bromodichloromethane	0.19 U	ug/L	1.0	0.19	1		01/23/21 05:30	75-27-4	
Bromoform	0.48 U	ug/L	3.0	0.48	1		01/23/21 05:30	75-25-2	
Bromomethane	8.1 U	ug/L	10.0	8.1	1		01/23/21 05:30	74-83-9	J(v2)
2-Butanone (MEK)	21.0 U	ug/L	50.0	21.0	1		01/23/21 05:30	78-93-3	J(v2)
Carbon disulfide	1.8 U	ug/L	10.0	1.8	1		01/23/21 05:30	75-15-0	J(v1)
Carbon tetrachloride	0.44 U	ug/L	3.0	0.44	1		01/23/21 05:30	56-23-5	
Chlorobenzene	0.35 U	ug/L	1.0	0.35	1		01/23/21 05:30	108-90-7	
Chloroethane	3.7 U	ug/L	10.0	3.7	1		01/23/21 05:30	75-00-3	
Chloroform	0.32 U	ug/L	1.0	0.32	1		01/23/21 05:30	67-66-3	
Chloromethane	0.43 U	ug/L	1.0	0.43	1		01/23/21 05:30	74-87-3	
1,2-Dibromo-3-chloropropane	1.9 U	ug/L	5.0	1.9	1		01/23/21 05:30	96-12-8	
Dibromochloromethane	0.45 U	ug/L	2.0	0.45	1		01/23/21 05:30	124-48-1	
Dibromomethane	0.68 U	ug/L	2.0	0.68	1		01/23/21 05:30	74-95-3	
1,2-Dichlorobenzene	0.60 U	ug/L	1.0	0.60	1		01/23/21 05:30	95-50-1	
1,4-Dichlorobenzene	0.28 U	ug/L	1.0	0.28	1		01/23/21 05:30	106-46-7	
trans-1,4-Dichloro-2-butene	2.5 U	ug/L	10.0	2.5	1		01/23/21 05:30	110-57-6	J(v2)
1,1-Dichloroethane	0.34 U	ug/L	1.0	0.34	1		01/23/21 05:30	75-34-3	
1,2-Dichloroethane	0.27 U	ug/L	1.0	0.27	1		01/23/21 05:30	107-06-2	
1,2-Dichloroethene (Total)	0.27 U	ug/L	1.0	0.27	1		01/23/21 05:30	540-59-0	N2
1,1-Dichloroethene	0.59 U	ug/L	1.0	0.59	1		01/23/21 05:30	75-35-4	
cis-1,2-Dichloroethene	0.27 U	ug/L	1.0	0.27	1		01/23/21 05:30	156-59-2	
trans-1,2-Dichloroethene	0.23 U	ug/L	1.0	0.23	1		01/23/21 05:30	156-60-5	
1,2-Dichloropropane	0.23 U	ug/L	1.0	0.23	1		01/23/21 05:30	78-87-5	
cis-1,3-Dichloropropene	0.17 U	ug/L	1.0	0.17	1		01/23/21 05:30	10061-01-5	
trans-1,3-Dichloropropene	0.37 U	ug/L	1.0	0.37	1		01/23/21 05:30	10061-02-6	
Ethylbenzene	0.30 U	ug/L	1.0	0.30	1		01/23/21 05:30	100-41-4	
2-Hexanone	3.2 U	ug/L	25.0	3.2	1		01/23/21 05:30	591-78-6	J(v2)
Iodomethane	9.3 U	ug/L	10.0	9.3	1		01/23/21 05:30	74-88-4	J(v2)
Isopropylbenzene (Cumene)	0.30 U	ug/L	1.0	0.30	1		01/23/21 05:30	98-82-8	
Methylene Chloride	4.4 U	ug/L	5.0	4.4	1		01/23/21 05:30	75-09-2	
4-Methyl-2-pentanone (MIBK)	7.5 U	ug/L	25.0	7.5	1		01/23/21 05:30	108-10-1	J(v2)
Methyl-tert-butyl ether	4.4 U	ug/L	5.0	4.4	1		01/23/21 05:30	1634-04-4	
Styrene	0.26 U	ug/L	1.0	0.26	1		01/23/21 05:30	100-42-5	J(v2)
1,1,1,2-Tetrachloroethane	0.32 U	ug/L	1.0	0.32	1		01/23/21 05:30	630-20-6	
1,1,2,2-Tetrachloroethane	0.59 U	ug/L	1.0	0.59	1		01/23/21 05:30	79-34-5	
Tetrachloroethene	0.38 U	ug/L	1.0	0.38	1		01/23/21 05:30	127-18-4	
Toluene	0.33 U	ug/L	1.0	0.33	1		01/23/21 05:30	108-88-3	
1,1,1-Trichloroethane	0.30 U	ug/L	1.0	0.30	1		01/23/21 05:30	71-55-6	
1,1,2-Trichloroethane	0.30 U	ug/L	1.0	0.30	1		01/23/21 05:30	79-00-5	
Trichloroethene	0.36 U	ug/L	1.0	0.36	1		01/23/21 05:30	79-01-6	
Trichlorofluoromethane	0.35 U	ug/L	1.0	0.35	1		01/23/21 05:30	75-69-4	

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ANALYTICAL RESULTS

Project: Speedway # 6893

Pace Project No.: 35606415

Sample: MWC 01212021 **Lab ID: 35606415011** Collected: 01/21/21 09:50 Received: 01/21/21 12:17 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Ormond Beach									
1,2,3-Trichloropropane	0.53 U	ug/L	2.0	0.53	1		01/23/21 05:30	96-18-4	
1,2,4-Trimethylbenzene	0.24 U	ug/L	1.0	0.24	1		01/23/21 05:30	95-63-6	
1,3,5-Trimethylbenzene	0.24 U	ug/L	1.0	0.24	1		01/23/21 05:30	108-67-8	
Vinyl acetate	1.8 U	ug/L	10.0	1.8	1		01/23/21 05:30	108-05-4	
Vinyl chloride	0.39 U	ug/L	1.0	0.39	1		01/23/21 05:30	75-01-4	
Xylene (Total)	2.1 U	ug/L	5.0	2.1	1		01/23/21 05:30	1330-20-7	
m&p-Xylene	2.1 U	ug/L	4.0	2.1	1		01/23/21 05:30	179601-23-1	
o-Xylene	0.57 U	ug/L	1.0	0.57	1		01/23/21 05:30	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	93	%	70-130		1		01/23/21 05:30	460-00-4	
Toluene-d8 (S)	99	%	70-130		1		01/23/21 05:30	2037-26-5	
1,2-Dichlorobenzene-d4 (S)	105	%	70-130		1		01/23/21 05:30	2199-69-1	

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ANALYTICAL RESULTS

Project: Speedway # 6893

Pace Project No.: 35606415

Sample: **CW3 01212021** Lab ID: **35606415012** Collected: 01/21/21 10:07 Received: 01/21/21 12:17 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Field Data									
Analytical Method: Pace Analytical Services - Ormond Beach									
Field pH	6.92	Std. Units			1		01/25/21 10:46		
Field Temperature	26.5	deg C			1		01/25/21 10:46		
Field Specific Conductance	1031	umhos/cm			1		01/25/21 10:46		
Oxygen, Dissolved	1.39	mg/L			1		01/25/21 10:46	7782-44-7	
REDOX	-27.8	mV			1		01/25/21 10:46		
Turbidity	2.14	NTU			1		01/25/21 10:46		
8011 GCS EDB and DBCP									
Analytical Method: EPA 8011 Preparation Method: EPA 8011 Pace Analytical Services - Ormond Beach									
1,2-Dibromoethane (EDB)	0.0074 U	ug/L	0.0099	0.0074	1	01/25/21 15:46	01/26/21 07:12	106-93-4	
FL-PRO Water, Low Volume									
Analytical Method: FL-PRO Preparation Method: EPA 3510 Pace Analytical Services - Ormond Beach									
Petroleum Range Organics <i>Surrogates</i>	0.77 U	mg/L	0.96	0.77	1	01/22/21 21:38	01/23/21 03:59		
o-Terphenyl (S)	86	%	66-139		1	01/22/21 21:38	01/23/21 03:59	84-15-1	
N-Pentatriacontane (S)	92	%	42-159		1	01/22/21 21:38	01/23/21 03:59	630-07-09	
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3010 Pace Analytical Services - Ormond Beach									
Lead	4.6 U	ug/L	10.0	4.6	1	01/26/21 04:45	01/26/21 15:59	7439-92-1	
8270 MSSV PAHLV by SIM									
Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3510 Pace Analytical Services - Ormond Beach									
Acenaphthene	0.040 U	ug/L	0.50	0.040	1	01/25/21 08:08	01/25/21 16:11	83-32-9	
Acenaphthylene	0.030 U	ug/L	0.50	0.030	1	01/25/21 08:08	01/25/21 16:11	208-96-8	
Anthracene	0.043 U	ug/L	0.50	0.043	1	01/25/21 08:08	01/25/21 16:11	120-12-7	
Benzo(a)anthracene	0.055 U	ug/L	0.10	0.055	1	01/25/21 08:08	01/25/21 16:11	56-55-3	
Benzo(a)pyrene	0.12 U	ug/L	0.20	0.12	1	01/25/21 08:08	01/25/21 16:11	50-32-8	
Benzo(b)fluoranthene	0.027 U	ug/L	0.10	0.027	1	01/25/21 08:08	01/25/21 16:11	205-99-2	
Benzo(g,h,i)perylene	0.15 U	ug/L	0.50	0.15	1	01/25/21 08:08	01/25/21 16:11	191-24-2	
Benzo(k)fluoranthene	0.16 U	ug/L	0.50	0.16	1	01/25/21 08:08	01/25/21 16:11	207-08-9	
Chrysene	0.026 U	ug/L	0.50	0.026	1	01/25/21 08:08	01/25/21 16:11	218-01-9	
Dibenz(a,h)anthracene	0.13 U	ug/L	0.15	0.13	1	01/25/21 08:08	01/25/21 16:11	53-70-3	
Fluoranthene	0.018 U	ug/L	0.50	0.018	1	01/25/21 08:08	01/25/21 16:11	206-44-0	
Fluorene	0.088 U	ug/L	0.50	0.088	1	01/25/21 08:08	01/25/21 16:11	86-73-7	
Indeno(1,2,3-cd)pyrene	0.12 U	ug/L	0.15	0.12	1	01/25/21 08:08	01/25/21 16:11	193-39-5	
1-Methylnaphthalene	0.19 U	ug/L	2.0	0.19	1	01/25/21 08:08	01/25/21 16:11	90-12-0	
2-Methylnaphthalene	0.68 U	ug/L	2.0	0.68	1	01/25/21 08:08	01/25/21 16:11	91-57-6	
Naphthalene	0.29 U	ug/L	2.0	0.29	1	01/25/21 08:08	01/25/21 16:11	91-20-3	
Phenanthrene	0.16 U	ug/L	0.50	0.16	1	01/25/21 08:08	01/25/21 16:11	85-01-8	
Pyrene	0.032 U	ug/L	0.50	0.032	1	01/25/21 08:08	01/25/21 16:11	129-00-0	
<i>Surrogates</i>									
2-Fluorobiphenyl (S)	77	%	32-100		1	01/25/21 08:08	01/25/21 16:11	321-60-8	
p-Terphenyl-d14 (S)	92	%	48-112		1	01/25/21 08:08	01/25/21 16:11	1718-51-0	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Speedway # 6893

Pace Project No.: 35606415

Sample: **CW3 01212021** Lab ID: **35606415012** Collected: 01/21/21 10:07 Received: 01/21/21 12:17 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Ormond Beach									
Acetone	5.3 U	ug/L	25.0	5.3	1		01/23/21 05:56	67-64-1	
Acetonitrile	25.0 U	ug/L	50.0	25.0	1		01/23/21 05:56	75-05-8	J(v2)
Benzene	0.30 U	ug/L	1.0	0.30	1		01/23/21 05:56	71-43-2	
Bromochloromethane	0.37 U	ug/L	1.0	0.37	1		01/23/21 05:56	74-97-5	
Bromodichloromethane	0.19 U	ug/L	1.0	0.19	1		01/23/21 05:56	75-27-4	
Bromoform	0.48 U	ug/L	3.0	0.48	1		01/23/21 05:56	75-25-2	
Bromomethane	8.1 U	ug/L	10.0	8.1	1		01/23/21 05:56	74-83-9	J(v2)
2-Butanone (MEK)	21.0 U	ug/L	50.0	21.0	1		01/23/21 05:56	78-93-3	J(v2)
Carbon disulfide	1.8 U	ug/L	10.0	1.8	1		01/23/21 05:56	75-15-0	J(v1)
Carbon tetrachloride	0.44 U	ug/L	3.0	0.44	1		01/23/21 05:56	56-23-5	
Chlorobenzene	0.35 U	ug/L	1.0	0.35	1		01/23/21 05:56	108-90-7	
Chloroethane	3.7 U	ug/L	10.0	3.7	1		01/23/21 05:56	75-00-3	
Chloroform	0.32 U	ug/L	1.0	0.32	1		01/23/21 05:56	67-66-3	
Chloromethane	0.71 I	ug/L	1.0	0.43	1		01/23/21 05:56	74-87-3	
1,2-Dibromo-3-chloropropane	1.9 U	ug/L	5.0	1.9	1		01/23/21 05:56	96-12-8	
Dibromochloromethane	0.45 U	ug/L	2.0	0.45	1		01/23/21 05:56	124-48-1	
Dibromomethane	0.68 U	ug/L	2.0	0.68	1		01/23/21 05:56	74-95-3	
1,2-Dichlorobenzene	0.60 U	ug/L	1.0	0.60	1		01/23/21 05:56	95-50-1	
1,4-Dichlorobenzene	0.28 U	ug/L	1.0	0.28	1		01/23/21 05:56	106-46-7	
trans-1,4-Dichloro-2-butene	2.5 U	ug/L	10.0	2.5	1		01/23/21 05:56	110-57-6	J(v2)
1,1-Dichloroethane	0.34 U	ug/L	1.0	0.34	1		01/23/21 05:56	75-34-3	
1,2-Dichloroethane	0.27 U	ug/L	1.0	0.27	1		01/23/21 05:56	107-06-2	
1,2-Dichloroethene (Total)	0.27 U	ug/L	1.0	0.27	1		01/23/21 05:56	540-59-0	N2
1,1-Dichloroethene	0.59 U	ug/L	1.0	0.59	1		01/23/21 05:56	75-35-4	
cis-1,2-Dichloroethene	0.27 U	ug/L	1.0	0.27	1		01/23/21 05:56	156-59-2	
trans-1,2-Dichloroethene	0.23 U	ug/L	1.0	0.23	1		01/23/21 05:56	156-60-5	
1,2-Dichloropropane	0.23 U	ug/L	1.0	0.23	1		01/23/21 05:56	78-87-5	
cis-1,3-Dichloropropene	0.17 U	ug/L	1.0	0.17	1		01/23/21 05:56	10061-01-5	
trans-1,3-Dichloropropene	0.37 U	ug/L	1.0	0.37	1		01/23/21 05:56	10061-02-6	
Ethylbenzene	0.30 U	ug/L	1.0	0.30	1		01/23/21 05:56	100-41-4	
2-Hexanone	3.2 U	ug/L	25.0	3.2	1		01/23/21 05:56	591-78-6	J(v2)
Iodomethane	9.3 U	ug/L	10.0	9.3	1		01/23/21 05:56	74-88-4	J(v2)
Isopropylbenzene (Cumene)	0.30 U	ug/L	1.0	0.30	1		01/23/21 05:56	98-82-8	
Methylene Chloride	4.4 U	ug/L	5.0	4.4	1		01/23/21 05:56	75-09-2	
4-Methyl-2-pentanone (MIBK)	7.5 U	ug/L	25.0	7.5	1		01/23/21 05:56	108-10-1	J(v2)
Methyl-tert-butyl ether	4.4 U	ug/L	5.0	4.4	1		01/23/21 05:56	1634-04-4	
Styrene	0.26 U	ug/L	1.0	0.26	1		01/23/21 05:56	100-42-5	J(v2)
1,1,1,2-Tetrachloroethane	0.32 U	ug/L	1.0	0.32	1		01/23/21 05:56	630-20-6	
1,1,1,2,2-Tetrachloroethane	0.59 U	ug/L	1.0	0.59	1		01/23/21 05:56	79-34-5	
Tetrachloroethene	0.38 U	ug/L	1.0	0.38	1		01/23/21 05:56	127-18-4	
Toluene	0.33 U	ug/L	1.0	0.33	1		01/23/21 05:56	108-88-3	
1,1,1-Trichloroethane	0.30 U	ug/L	1.0	0.30	1		01/23/21 05:56	71-55-6	
1,1,2-Trichloroethane	0.30 U	ug/L	1.0	0.30	1		01/23/21 05:56	79-00-5	
Trichloroethene	0.36 U	ug/L	1.0	0.36	1		01/23/21 05:56	79-01-6	
Trichlorofluoromethane	0.35 U	ug/L	1.0	0.35	1		01/23/21 05:56	75-69-4	

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ANALYTICAL RESULTS

Project: Speedway # 6893

Pace Project No.: 35606415

Sample: CW3 01212021 **Lab ID: 35606415012** Collected: 01/21/21 10:07 Received: 01/21/21 12:17 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Ormond Beach									
1,2,3-Trichloropropane	0.53 U	ug/L	2.0	0.53	1		01/23/21 05:56	96-18-4	
1,2,4-Trimethylbenzene	0.24 U	ug/L	1.0	0.24	1		01/23/21 05:56	95-63-6	
1,3,5-Trimethylbenzene	0.24 U	ug/L	1.0	0.24	1		01/23/21 05:56	108-67-8	
Vinyl acetate	1.8 U	ug/L	10.0	1.8	1		01/23/21 05:56	108-05-4	
Vinyl chloride	0.39 U	ug/L	1.0	0.39	1		01/23/21 05:56	75-01-4	
Xylene (Total)	2.1 U	ug/L	5.0	2.1	1		01/23/21 05:56	1330-20-7	
m&p-Xylene	2.1 U	ug/L	4.0	2.1	1		01/23/21 05:56	179601-23-1	
o-Xylene	0.57 U	ug/L	1.0	0.57	1		01/23/21 05:56	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	93	%	70-130		1		01/23/21 05:56	460-00-4	
Toluene-d8 (S)	99	%	70-130		1		01/23/21 05:56	2037-26-5	
1,2-Dichlorobenzene-d4 (S)	107	%	70-130		1		01/23/21 05:56	2199-69-1	

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QUALITY CONTROL DATA

Project: Speedway # 6893

Pace Project No.: 35606415

QC Batch:	699384	Analysis Method:	EPA 6010
QC Batch Method:	EPA 3010	Analysis Description:	6010 MET
		Laboratory:	Pace Analytical Services - Ormond Beach

Associated Lab Samples: 35606415001, 35606415002, 35606415003, 35606415004, 35606415005, 35606415006

METHOD BLANK: 3808460 Matrix: Water

Associated Lab Samples: 35606415001, 35606415002, 35606415003, 35606415004, 35606415005, 35606415006

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Lead	ug/L	4.6 U	10.0	4.6	01/26/21 12:43	

LABORATORY CONTROL SAMPLE: 3808461

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Lead	ug/L	250	260	104	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3808462 3808463

Parameter	Units	35606285030		3808463		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result						
Lead	ug/L	4.8 I	250	250	265	269	104	106	75-125	1	20

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QUALITY CONTROL DATA

Project: Speedway # 6893
Pace Project No.: 35606415

QC Batch: 699542	Analysis Method: EPA 6010
QC Batch Method: EPA 3010	Analysis Description: 6010 MET
	Laboratory: Pace Analytical Services - Ormond Beach

Associated Lab Samples: 35606415007, 35606415008, 35606415009, 35606415010, 35606415011, 35606415012

METHOD BLANK: 3809544 Matrix: Water
Associated Lab Samples: 35606415007, 35606415008, 35606415009, 35606415010, 35606415011, 35606415012

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Lead	ug/L	4.6 U	10.0	4.6	01/26/21 15:37	

LABORATORY CONTROL SAMPLE: 3809545

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Lead	ug/L	250	258	103	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3809546 3809547

Parameter	Units	35606542002		3809547		MS		MSD		% Rec Limits	RPD	Max RPD	Qual
		Result	Spike Conc.	MS Result	MSD Result	% Rec	% Rec						
Lead	ug/L	4.6 U	250	250	257	260	103	104	75-125	1	20		

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QUALITY CONTROL DATA

Project: Speedway # 6893
Pace Project No.: 35606415

QC Batch: 698906 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV
Laboratory: Pace Analytical Services - Ormond Beach

Associated Lab Samples: 35606415001, 35606415002, 35606415003, 35606415004, 35606415005, 35606415006, 35606415007

METHOD BLANK: 3805819 Matrix: Water
Associated Lab Samples: 35606415001, 35606415002, 35606415003, 35606415004, 35606415005, 35606415006, 35606415007

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	0.32 U	1.0	0.32	01/23/21 01:50	
1,1,1-Trichloroethane	ug/L	0.30 U	1.0	0.30	01/23/21 01:50	
1,1,2,2-Tetrachloroethane	ug/L	0.59 U	1.0	0.59	01/23/21 01:50	
1,1,2-Trichloroethane	ug/L	0.30 U	1.0	0.30	01/23/21 01:50	
1,1-Dichloroethane	ug/L	0.34 U	1.0	0.34	01/23/21 01:50	
1,1-Dichloroethene	ug/L	0.59 U	1.0	0.59	01/23/21 01:50	
1,2,3-Trichloropropane	ug/L	0.53 U	2.0	0.53	01/23/21 01:50	
1,2,4-Trimethylbenzene	ug/L	0.24 U	1.0	0.24	01/23/21 01:50	
1,2-Dibromo-3-chloropropane	ug/L	1.9 U	5.0	1.9	01/23/21 01:50	
1,2-Dichlorobenzene	ug/L	0.60 U	1.0	0.60	01/23/21 01:50	
1,2-Dichloroethane	ug/L	0.27 U	1.0	0.27	01/23/21 01:50	
1,2-Dichloroethene (Total)	ug/L	0.27 U	1.0	0.27	01/23/21 01:50	N2
1,2-Dichloropropane	ug/L	0.23 U	1.0	0.23	01/23/21 01:50	
1,3,5-Trimethylbenzene	ug/L	0.24 U	1.0	0.24	01/23/21 01:50	
1,4-Dichlorobenzene	ug/L	0.28 U	1.0	0.28	01/23/21 01:50	
2-Butanone (MEK)	ug/L	21.0 U	50.0	21.0	01/23/21 01:50	
2-Hexanone	ug/L	3.2 U	25.0	3.2	01/23/21 01:50	
4-Methyl-2-pentanone (MIBK)	ug/L	7.5 U	25.0	7.5	01/23/21 01:50	
Acetone	ug/L	5.3 U	25.0	5.3	01/23/21 01:50	
Acetonitrile	ug/L	25.0 U	50.0	25.0	01/23/21 01:50	
Benzene	ug/L	0.30 U	1.0	0.30	01/23/21 01:50	
Bromochloromethane	ug/L	0.37 U	1.0	0.37	01/23/21 01:50	
Bromodichloromethane	ug/L	0.19 U	1.0	0.19	01/23/21 01:50	
Bromoform	ug/L	0.48 U	3.0	0.48	01/23/21 01:50	
Bromomethane	ug/L	8.1 U	10.0	8.1	01/23/21 01:50	J(v2)
Carbon disulfide	ug/L	1.8 U	10.0	1.8	01/23/21 01:50	
Carbon tetrachloride	ug/L	0.44 U	3.0	0.44	01/23/21 01:50	
Chlorobenzene	ug/L	0.35 U	1.0	0.35	01/23/21 01:50	
Chloroethane	ug/L	3.7 U	10.0	3.7	01/23/21 01:50	
Chloroform	ug/L	0.32 U	1.0	0.32	01/23/21 01:50	
Chloromethane	ug/L	0.43 U	1.0	0.43	01/23/21 01:50	J(v2)
cis-1,2-Dichloroethene	ug/L	0.27 U	1.0	0.27	01/23/21 01:50	
cis-1,3-Dichloropropene	ug/L	0.17 U	1.0	0.17	01/23/21 01:50	
Dibromochloromethane	ug/L	0.45 U	2.0	0.45	01/23/21 01:50	
Dibromomethane	ug/L	0.68 U	2.0	0.68	01/23/21 01:50	
Ethylbenzene	ug/L	0.30 U	1.0	0.30	01/23/21 01:50	
Iodomethane	ug/L	9.3 U	10.0	9.3	01/23/21 01:50	J(v2)
Isopropylbenzene (Cumene)	ug/L	0.30 U	1.0	0.30	01/23/21 01:50	
m&p-Xylene	ug/L	2.1 U	4.0	2.1	01/23/21 01:50	
Methyl-tert-butyl ether	ug/L	4.4 U	5.0	4.4	01/23/21 01:50	

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QUALITY CONTROL DATA

Project: Speedway # 6893

Pace Project No.: 35606415

METHOD BLANK: 3805819

Matrix: Water

Associated Lab Samples: 35606415001, 35606415002, 35606415003, 35606415004, 35606415005, 35606415006, 35606415007

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Methylene Chloride	ug/L	4.4 U	5.0	4.4	01/23/21 01:50	
o-Xylene	ug/L	0.57 U	1.0	0.57	01/23/21 01:50	
Styrene	ug/L	0.26 U	1.0	0.26	01/23/21 01:50	
Tetrachloroethene	ug/L	0.38 U	1.0	0.38	01/23/21 01:50	
Toluene	ug/L	0.33 U	1.0	0.33	01/23/21 01:50	
trans-1,2-Dichloroethene	ug/L	0.23 U	1.0	0.23	01/23/21 01:50	
trans-1,3-Dichloropropene	ug/L	0.37 U	1.0	0.37	01/23/21 01:50	
trans-1,4-Dichloro-2-butene	ug/L	2.5 U	10.0	2.5	01/23/21 01:50	J(v2)
Trichloroethene	ug/L	0.36 U	1.0	0.36	01/23/21 01:50	
Trichlorofluoromethane	ug/L	0.35 U	1.0	0.35	01/23/21 01:50	
Vinyl acetate	ug/L	1.8 U	10.0	1.8	01/23/21 01:50	
Vinyl chloride	ug/L	0.39 U	1.0	0.39	01/23/21 01:50	
Xylene (Total)	ug/L	2.1 U	5.0	2.1	01/23/21 01:50	
1,2-Dichlorobenzene-d4 (S)	%	102	70-130		01/23/21 01:50	
4-Bromofluorobenzene (S)	%	100	70-130		01/23/21 01:50	
Toluene-d8 (S)	%	99	70-130		01/23/21 01:50	

LABORATORY CONTROL SAMPLE: 3805820

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	20	19.1	96	70-130	
1,1,1-Trichloroethane	ug/L	20	20.0	100	70-130	
1,1,2,2-Tetrachloroethane	ug/L	20	19.3	97	68-125	
1,1,2-Trichloroethane	ug/L	20	19.7	99	70-130	
1,1-Dichloroethane	ug/L	20	19.1	96	70-130	
1,1-Dichloroethene	ug/L	20	18.9	95	66-133	
1,2,3-Trichloropropane	ug/L	20	20.3	101	62-127	
1,2,4-Trimethylbenzene	ug/L	20	18.4	92	70-130	
1,2-Dibromo-3-chloropropane	ug/L	20	18.3	91	45-137	
1,2-Dichlorobenzene	ug/L	20	18.1	90	70-130	
1,2-Dichloroethane	ug/L	20	21.1	105	70-130	
1,2-Dichloroethene (Total)	ug/L	40	38.0	95	70-130	N2
1,2-Dichloropropane	ug/L	20	19.1	96	70-130	
1,3,5-Trimethylbenzene	ug/L	20	18.2	91	70-130	
1,4-Dichlorobenzene	ug/L	20	17.7	89	70-130	
2-Butanone (MEK)	ug/L	100	97.0	97	47-143	
2-Hexanone	ug/L	100	91.4	91	48-145	
4-Methyl-2-pentanone (MIBK)	ug/L	100	86.4	86	57-132	
Acetone	ug/L	100	106	106	46-148	
Acetonitrile	ug/L	100	106	106	33-175	
Benzene	ug/L	20	19.3	97	70-130	
Bromochloromethane	ug/L	20	20.0	100	70-130	
Bromodichloromethane	ug/L	20	20.0	100	70-130	
Bromoform	ug/L	20	16.9	84	49-126	

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QUALITY CONTROL DATA

Project: Speedway # 6893

Pace Project No.: 35606415

LABORATORY CONTROL SAMPLE: 3805820

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Bromomethane	ug/L	20	8.1 U	26	10-165	J(v3)
Carbon disulfide	ug/L	20	18.9	95	60-141	
Carbon tetrachloride	ug/L	20	18.9	95	63-126	
Chlorobenzene	ug/L	20	18.4	92	70-130	
Chloroethane	ug/L	20	19.7	99	71-142	
Chloroform	ug/L	20	19.7	99	70-130	
Chloromethane	ug/L	20	15.6	78	40-140	J(v3)
cis-1,2-Dichloroethene	ug/L	20	19.2	96	70-130	
cis-1,3-Dichloropropene	ug/L	20	18.9	94	70-130	
Dibromochloromethane	ug/L	20	19.6	98	62-118	
Dibromomethane	ug/L	20	20.6	103	70-130	
Ethylbenzene	ug/L	20	17.8	89	70-130	
Iodomethane	ug/L	20	9.3 U	22	10-164	J(v3)
Isopropylbenzene (Cumene)	ug/L	20	19.1	95	70-130	
m&p-Xylene	ug/L	40	36.4	91	70-130	
Methyl-tert-butyl ether	ug/L	20	19.6	98	64-124	
Methylene Chloride	ug/L	20	19.7	99	65-136	
o-Xylene	ug/L	20	18.3	92	70-130	
Styrene	ug/L	20	18.7	93	70-130	
Tetrachloroethene	ug/L	20	19.8	99	64-134	
Toluene	ug/L	20	17.8	89	70-130	
trans-1,2-Dichloroethene	ug/L	20	18.8	94	68-127	
trans-1,3-Dichloropropene	ug/L	20	16.8	84	65-121	
trans-1,4-Dichloro-2-butene	ug/L	20	14.3	71	42-129	J(v3)
Trichloroethene	ug/L	20	19.6	98	70-130	
Trichlorofluoromethane	ug/L	20	21.3	106	65-135	
Vinyl acetate	ug/L	20	20.6	103	60-144	
Vinyl chloride	ug/L	20	18.0	90	68-131	
Xylene (Total)	ug/L	60	54.8	91	70-130	
1,2-Dichlorobenzene-d4 (S)	%			99	70-130	
4-Bromofluorobenzene (S)	%			103	70-130	
Toluene-d8 (S)	%			100	70-130	

MATRIX SPIKE SAMPLE: 3805822

Parameter	Units	35606411006 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	0.32 U	20	14.4	72	70-130	
1,1,1-Trichloroethane	ug/L	0.30 U	20	14.3	71	70-130	
1,1,2,2-Tetrachloroethane	ug/L	0.59 U	20	15.6	78	68-125	
1,1,2-Trichloroethane	ug/L	0.30 U	20	19.7	98	70-130	
1,1-Dichloroethane	ug/L	0.34 U	20	14.5	73	70-130	
1,1-Dichloroethene	ug/L	0.59 U	20	13.4	67	66-133	
1,2,3-Trichloropropane	ug/L	0.53 U	20	15.5	77	62-127	
1,2,4-Trimethylbenzene	ug/L	36.5	20	43.1	33	70-130	J(M1)
1,2-Dibromo-3-chloropropane	ug/L	1.9 U	20	13.2	66	45-137	

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QUALITY CONTROL DATA

Project: Speedway # 6893

Pace Project No.: 35606415

MATRIX SPIKE SAMPLE:	3805822	35606411006	Spike	MS	MS	% Rec	
Parameter	Units	Result	Conc.	Result	% Rec	Limits	Qualifiers
1,2-Dichlorobenzene	ug/L	0.60 U	20	12.0	60	70-130	J(M1)
1,2-Dichloroethane	ug/L	0.27 U	20	15.3	76	70-130	
1,2-Dichloroethene (Total)	ug/L	0.27 U	40	26.9	67	70-130	N2
1,2-Dichloropropane	ug/L	0.23 U	20	17.0	85	70-130	
1,3,5-Trimethylbenzene	ug/L	0.24 U	20	22.7	114	70-130	
1,4-Dichlorobenzene	ug/L	0.53 I	20	10.8	52	70-130	J(M1)
2-Butanone (MEK)	ug/L	21.0 U	100	114	114	47-143	
2-Hexanone	ug/L	3.2 U	100	76.9	77	48-145	
4-Methyl-2-pentanone (MIBK)	ug/L	7.5 U	100	74.1	74	57-132	
Acetone	ug/L	5.3 U	100	90.3	90	46-148	
Acetonitrile	ug/L	25.0 U	100	83.1	83	33-175	
Benzene	ug/L	3.5	20	19.2	79	70-130	
Bromochloromethane	ug/L	0.37 U	20	16.0	80	70-130	
Bromodichloromethane	ug/L	0.19 U	20	16.2	81	70-130	
Bromoform	ug/L	0.48 U	20	12.3	62	49-126	
Bromomethane	ug/L	8.1 U	20	8.1 U	27	10-165	J(v3)
Carbon disulfide	ug/L	1.8 U	20	10.1	50	60-141	J(M1)
Carbon tetrachloride	ug/L	0.44 U	20	11.9	59	63-126	J(M1)
Chlorobenzene	ug/L	1.9	20	15.1	66	70-130	J(M1)
Chloroethane	ug/L	3.7 U	20	19.1	95	71-142	
Chloroform	ug/L	0.32 U	20	16.8	84	70-130	
Chloromethane	ug/L	0.43 U	20	15.0	75	40-140	J(v3)
cis-1,2-Dichloroethene	ug/L	0.27 U	20	15.5	77	70-130	
cis-1,3-Dichloropropene	ug/L	0.17 U	20	14.0	70	70-130	
Dibromochloromethane	ug/L	0.45 U	20	14.6	73	62-118	
Dibromomethane	ug/L	0.68 U	20	15.8	79	70-130	
Ethylbenzene	ug/L	60.9	20	68.0	36	70-130	J(M1)
Iodomethane	ug/L	9.3 U	20	9.3 U	24	10-164	J(v3)
Isopropylbenzene (Cumene)	ug/L	225	20	251	129	70-130	L
m&p-Xylene	ug/L	17.3	40	39.7	56	70-130	J(M1)
Methyl-tert-butyl ether	ug/L	4.4 U	20	19.0	92	64-124	
Methylene Chloride	ug/L	4.4 U	20	15.2	76	65-136	
o-Xylene	ug/L	0.57 U	20	14.8	74	70-130	
Styrene	ug/L	0.26 U	20	13.3	66	70-130	J(M1)
Tetrachloroethene	ug/L	0.38 U	20	9.1	45	64-134	J(M1)
Toluene	ug/L	1.7	20	15.0	67	70-130	J(M1)
trans-1,2-Dichloroethene	ug/L	0.23 U	20	11.4	57	68-127	J(M1)
trans-1,3-Dichloropropene	ug/L	0.37 U	20	12.4	62	65-121	J(M1)
trans-1,4-Dichloro-2-butene	ug/L	2.5 U	20	9.5 I	47	42-129	J(v3)
Trichloroethene	ug/L	0.36 U	20	13.1	66	70-130	J(M1)
Trichlorofluoromethane	ug/L	0.35 U	20	18.4	92	65-135	
Vinyl acetate	ug/L	1.8 U	20	15.9	80	60-144	
Vinyl chloride	ug/L	0.39 U	20	17.8	89	68-131	
Xylene (Total)	ug/L	17.3	60	54.5	62	70-130	MS
1,2-Dichlorobenzene-d4 (S)	%				100	70-130	
4-Bromofluorobenzene (S)	%				101	70-130	
Toluene-d8 (S)	%				98	70-130	

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QUALITY CONTROL DATA

Project: Speedway # 6893

Pace Project No.: 35606415

SAMPLE DUPLICATE: 3805821

Parameter	Units	35606411005 Result	Dup Result	RPD	Max RPD	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	0.32 U	0.32 U		40	
1,1,1-Trichloroethane	ug/L	0.30 U	0.30 U		40	
1,1,2,2-Tetrachloroethane	ug/L	0.59 U	0.59 U		40	
1,1,2-Trichloroethane	ug/L	0.30 U	0.30 U		40	
1,1-Dichloroethane	ug/L	0.34 U	0.34 U		40	
1,1-Dichloroethene	ug/L	0.59 U	0.59 U		40	
1,2,3-Trichloropropane	ug/L	0.53 U	0.53 U		40	
1,2,4-Trimethylbenzene	ug/L	0.24 U	0.24 U		40	
1,2-Dibromo-3-chloropropane	ug/L	1.9 U	1.9 U		40	
1,2-Dichlorobenzene	ug/L	0.60 U	0.60 U		40	
1,2-Dichloroethane	ug/L	0.27 U	0.27 U		40	
1,2-Dichloroethene (Total)	ug/L	0.27 U	0.27 U		40	N2
1,2-Dichloropropane	ug/L	0.23 U	0.23 U		40	
1,3,5-Trimethylbenzene	ug/L	0.24 U	0.24 U		40	
1,4-Dichlorobenzene	ug/L	0.28 U	0.28 U		40	
2-Butanone (MEK)	ug/L	21.0 U	21.0 U		40	
2-Hexanone	ug/L	3.2 U	3.2 U		40	
4-Methyl-2-pentanone (MIBK)	ug/L	7.5 U	7.5 U		40	
Acetone	ug/L	5.3 U	5.3 U		40	
Acetonitrile	ug/L	25.0 U	25.0 U		40	
Benzene	ug/L	0.30 U	0.30 U		40	
Bromochloromethane	ug/L	0.37 U	0.37 U		40	
Bromodichloromethane	ug/L	0.19 U	0.19 U		40	
Bromoform	ug/L	0.48 U	0.48 U		40	
Bromomethane	ug/L	8.1 U	8.1 U		40	J(v2)
Carbon disulfide	ug/L	1.8 U	1.8 U		40	
Carbon tetrachloride	ug/L	0.44 U	0.44 U		40	
Chlorobenzene	ug/L	0.35 U	0.35 U		40	
Chloroethane	ug/L	3.7 U	3.7 U		40	
Chloroform	ug/L	0.32 U	0.32 U		40	
Chloromethane	ug/L	0.43 U	0.43 U		40	J(v2)
cis-1,2-Dichloroethene	ug/L	0.27 U	0.27 U		40	
cis-1,3-Dichloropropene	ug/L	0.17 U	0.17 U		40	
Dibromochloromethane	ug/L	0.45 U	0.45 U		40	
Dibromomethane	ug/L	0.68 U	0.68 U		40	
Ethylbenzene	ug/L	0.38 I	0.36 I		40	
Iodomethane	ug/L	9.3 U	9.3 U		40	J(v2)
Isopropylbenzene (Cumene)	ug/L	33.2	32.0	4	40	
m&p-Xylene	ug/L	2.1 U	2.1 U		40	
Methyl-tert-butyl ether	ug/L	4.4 U	4.4 U		40	
Methylene Chloride	ug/L	4.4 U	4.4 U		40	
o-Xylene	ug/L	0.69 I	0.65 I		40	
Styrene	ug/L	0.26 U	0.26 U		40	
Tetrachloroethene	ug/L	0.38 U	0.38 U		40	
Toluene	ug/L	0.33 U	0.33 U		40	
trans-1,2-Dichloroethene	ug/L	0.23 U	0.23 U		40	
trans-1,3-Dichloropropene	ug/L	0.37 U	0.37 U		40	

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QUALITY CONTROL DATA

Project: Speedway # 6893

Pace Project No.: 35606415

SAMPLE DUPLICATE: 3805821

Parameter	Units	35606411005 Result	Dup Result	RPD	Max RPD	Qualifiers
trans-1,4-Dichloro-2-butene	ug/L	2.5 U	2.5 U		40	J(v2)
Trichloroethene	ug/L	0.36 U	0.36 U		40	
Trichlorofluoromethane	ug/L	0.35 U	0.35 U		40	
Vinyl acetate	ug/L	1.8 U	1.8 U		40	
Vinyl chloride	ug/L	0.39 U	0.39 U		40	
Xylene (Total)	ug/L	2.1 U	2.1 U		40	
1,2-Dichlorobenzene-d4 (S)	%	105	103			
4-Bromofluorobenzene (S)	%	100	101		40	
Toluene-d8 (S)	%	100	100		40	

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QUALITY CONTROL DATA

Project: Speedway # 6893
Pace Project No.: 35606415

QC Batch: 698907 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV
Laboratory: Pace Analytical Services - Ormond Beach

Associated Lab Samples: 35606415008, 35606415009, 35606415010, 35606415011, 35606415012

METHOD BLANK: 3805823 Matrix: Water
Associated Lab Samples: 35606415008, 35606415009, 35606415010, 35606415011, 35606415012

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	0.32 U	1.0	0.32	01/23/21 00:59	
1,1,1-Trichloroethane	ug/L	0.30 U	1.0	0.30	01/23/21 00:59	
1,1,2,2-Tetrachloroethane	ug/L	0.59 U	1.0	0.59	01/23/21 00:59	
1,1,2-Trichloroethane	ug/L	0.30 U	1.0	0.30	01/23/21 00:59	
1,1-Dichloroethane	ug/L	0.34 U	1.0	0.34	01/23/21 00:59	
1,1-Dichloroethene	ug/L	0.59 U	1.0	0.59	01/23/21 00:59	
1,2,3-Trichloropropane	ug/L	0.53 U	2.0	0.53	01/23/21 00:59	
1,2,4-Trimethylbenzene	ug/L	0.24 U	1.0	0.24	01/23/21 00:59	
1,2-Dibromo-3-chloropropane	ug/L	1.9 U	5.0	1.9	01/23/21 00:59	
1,2-Dichlorobenzene	ug/L	0.60 U	1.0	0.60	01/23/21 00:59	
1,2-Dichloroethane	ug/L	0.27 U	1.0	0.27	01/23/21 00:59	
1,2-Dichloroethene (Total)	ug/L	0.27 U	1.0	0.27	01/23/21 00:59	N2
1,2-Dichloropropane	ug/L	0.23 U	1.0	0.23	01/23/21 00:59	
1,3,5-Trimethylbenzene	ug/L	0.24 U	1.0	0.24	01/23/21 00:59	
1,4-Dichlorobenzene	ug/L	0.28 U	1.0	0.28	01/23/21 00:59	
2-Butanone (MEK)	ug/L	21.0 U	50.0	21.0	01/23/21 00:59	J(v2)
2-Hexanone	ug/L	3.2 U	25.0	3.2	01/23/21 00:59	J(v2)
4-Methyl-2-pentanone (MIBK)	ug/L	7.5 U	25.0	7.5	01/23/21 00:59	J(v2)
Acetone	ug/L	5.3 U	25.0	5.3	01/23/21 00:59	
Acetonitrile	ug/L	25.0 U	50.0	25.0	01/23/21 00:59	J(v2)
Benzene	ug/L	0.30 U	1.0	0.30	01/23/21 00:59	
Bromochloromethane	ug/L	0.37 U	1.0	0.37	01/23/21 00:59	
Bromodichloromethane	ug/L	0.19 U	1.0	0.19	01/23/21 00:59	
Bromoform	ug/L	0.48 U	3.0	0.48	01/23/21 00:59	
Bromomethane	ug/L	8.1 U	10.0	8.1	01/23/21 00:59	J(v2)
Carbon disulfide	ug/L	1.8 U	10.0	1.8	01/23/21 00:59	J(v1)
Carbon tetrachloride	ug/L	0.44 U	3.0	0.44	01/23/21 00:59	
Chlorobenzene	ug/L	0.35 U	1.0	0.35	01/23/21 00:59	
Chloroethane	ug/L	3.7 U	10.0	3.7	01/23/21 00:59	
Chloroform	ug/L	0.32 U	1.0	0.32	01/23/21 00:59	
Chloromethane	ug/L	0.43 U	1.0	0.43	01/23/21 00:59	
cis-1,2-Dichloroethene	ug/L	0.27 U	1.0	0.27	01/23/21 00:59	
cis-1,3-Dichloropropene	ug/L	0.17 U	1.0	0.17	01/23/21 00:59	
Dibromochloromethane	ug/L	0.45 U	2.0	0.45	01/23/21 00:59	
Dibromomethane	ug/L	0.68 U	2.0	0.68	01/23/21 00:59	
Ethylbenzene	ug/L	0.30 U	1.0	0.30	01/23/21 00:59	
Iodomethane	ug/L	9.3 U	10.0	9.3	01/23/21 00:59	J(v2)
Isopropylbenzene (Cumene)	ug/L	0.30 U	1.0	0.30	01/23/21 00:59	
m&p-Xylene	ug/L	2.1 U	4.0	2.1	01/23/21 00:59	
Methyl-tert-butyl ether	ug/L	4.4 U	5.0	4.4	01/23/21 00:59	

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QUALITY CONTROL DATA

Project: Speedway # 6893

Pace Project No.: 35606415

METHOD BLANK: 3805823

Matrix: Water

Associated Lab Samples: 35606415008, 35606415009, 35606415010, 35606415011, 35606415012

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Methylene Chloride	ug/L	4.4 U	5.0	4.4	01/23/21 00:59	
o-Xylene	ug/L	0.57 U	1.0	0.57	01/23/21 00:59	
Styrene	ug/L	0.26 U	1.0	0.26	01/23/21 00:59	J(v2)
Tetrachloroethene	ug/L	0.38 U	1.0	0.38	01/23/21 00:59	
Toluene	ug/L	0.33 U	1.0	0.33	01/23/21 00:59	
trans-1,2-Dichloroethene	ug/L	0.23 U	1.0	0.23	01/23/21 00:59	
trans-1,3-Dichloropropene	ug/L	0.37 U	1.0	0.37	01/23/21 00:59	
trans-1,4-Dichloro-2-butene	ug/L	2.5 U	10.0	2.5	01/23/21 00:59	J(v2)
Trichloroethene	ug/L	0.36 U	1.0	0.36	01/23/21 00:59	
Trichlorofluoromethane	ug/L	0.35 U	1.0	0.35	01/23/21 00:59	
Vinyl acetate	ug/L	1.8 U	10.0	1.8	01/23/21 00:59	
Vinyl chloride	ug/L	0.39 U	1.0	0.39	01/23/21 00:59	
Xylene (Total)	ug/L	2.1 U	5.0	2.1	01/23/21 00:59	
1,2-Dichlorobenzene-d4 (S)	%	106	70-130		01/23/21 00:59	
4-Bromofluorobenzene (S)	%	92	70-130		01/23/21 00:59	
Toluene-d8 (S)	%	98	70-130		01/23/21 00:59	

LABORATORY CONTROL SAMPLE: 3805824

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	20	16.9	84	70-130	
1,1,1-Trichloroethane	ug/L	20	18.1	90	70-130	
1,1,2,2-Tetrachloroethane	ug/L	20	17.7	88	68-125	
1,1,2-Trichloroethane	ug/L	20	17.5	87	70-130	
1,1-Dichloroethane	ug/L	20	18.9	95	70-130	
1,1-Dichloroethene	ug/L	20	22.9	114	66-133	
1,2,3-Trichloropropane	ug/L	20	17.7	88	62-127	
1,2,4-Trimethylbenzene	ug/L	20	17.7	88	70-130	
1,2-Dibromo-3-chloropropane	ug/L	20	16.3	81	45-137	
1,2-Dichlorobenzene	ug/L	20	17.4	87	70-130	
1,2-Dichloroethane	ug/L	20	19.5	98	70-130	
1,2-Dichloroethene (Total)	ug/L	40	37.3	93	70-130	N2
1,2-Dichloropropane	ug/L	20	17.9	90	70-130	
1,3,5-Trimethylbenzene	ug/L	20	17.5	88	70-130	
1,4-Dichlorobenzene	ug/L	20	17.0	85	70-130	
2-Butanone (MEK)	ug/L	100	75.2	75	47-143	J(v3)
2-Hexanone	ug/L	100	72.3	72	48-145	J(v3)
4-Methyl-2-pentanone (MIBK)	ug/L	100	75.5	76	57-132	J(v3)
Acetone	ug/L	100	84.2	84	46-148	
Acetonitrile	ug/L	100	74.9	75	33-175	J(v3)
Benzene	ug/L	20	18.5	92	70-130	
Bromochloromethane	ug/L	20	17.9	90	70-130	
Bromodichloromethane	ug/L	20	18.8	94	70-130	
Bromoform	ug/L	20	17.0	85	49-126	

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QUALITY CONTROL DATA

Project: Speedway # 6893

Pace Project No.: 35606415

LABORATORY CONTROL SAMPLE: 3805824

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Bromomethane	ug/L	20	8.1 U	30	10-165	J(v3)
Carbon disulfide	ug/L	20	24.0	120	60-141	J(v1)
Carbon tetrachloride	ug/L	20	17.5	87	63-126	
Chlorobenzene	ug/L	20	17.1	86	70-130	
Chloroethane	ug/L	20	19.3	96	71-142	
Chloroform	ug/L	20	18.7	93	70-130	
Chloromethane	ug/L	20	16.9	85	40-140	
cis-1,2-Dichloroethene	ug/L	20	18.2	91	70-130	
cis-1,3-Dichloropropene	ug/L	20	17.8	89	70-130	
Dibromochloromethane	ug/L	20	16.9	84	62-118	
Dibromomethane	ug/L	20	17.3	87	70-130	
Ethylbenzene	ug/L	20	16.9	84	70-130	
Iodomethane	ug/L	20	9.3 U	30	10-164	J(v3)
Isopropylbenzene (Cumene)	ug/L	20	17.2	86	70-130	
m&p-Xylene	ug/L	40	34.5	86	70-130	
Methyl-tert-butyl ether	ug/L	20	18.1	90	64-124	
Methylene Chloride	ug/L	20	21.3	106	65-136	
o-Xylene	ug/L	20	17.2	86	70-130	
Styrene	ug/L	20	15.7	78	70-130	J(v3)
Tetrachloroethene	ug/L	20	17.3	86	64-134	
Toluene	ug/L	20	17.0	85	70-130	
trans-1,2-Dichloroethene	ug/L	20	19.1	95	68-127	
trans-1,3-Dichloropropene	ug/L	20	17.3	87	65-121	
trans-1,4-Dichloro-2-butene	ug/L	20	12.9	64	42-129	J(v3)
Trichloroethene	ug/L	20	17.4	87	70-130	
Trichlorofluoromethane	ug/L	20	20.2	101	65-135	
Vinyl acetate	ug/L	20	19.2	96	60-144	
Vinyl chloride	ug/L	20	18.6	93	68-131	
Xylene (Total)	ug/L	60	51.8	86	70-130	
1,2-Dichlorobenzene-d4 (S)	%			100	70-130	
4-Bromofluorobenzene (S)	%			98	70-130	
Toluene-d8 (S)	%			101	70-130	

MATRIX SPIKE SAMPLE: 3805826

Parameter	Units	35606415009 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	0.32 U	20	14.9	75	70-130	
1,1,1-Trichloroethane	ug/L	0.30 U	20	17.4	87	70-130	
1,1,2,2-Tetrachloroethane	ug/L	0.59 U	20	15.2	76	68-125	
1,1,2-Trichloroethane	ug/L	0.30 U	20	15.4	77	70-130	
1,1-Dichloroethane	ug/L	0.34 U	20	18.3	91	70-130	
1,1-Dichloroethene	ug/L	0.59 U	20	22.4	112	66-133	
1,2,3-Trichloropropane	ug/L	0.53 U	20	15.0	75	62-127	
1,2,4-Trimethylbenzene	ug/L	0.24 U	20	15.0	75	70-130	
1,2-Dibromo-3-chloropropane	ug/L	1.9 U	20	14.1	70	45-137	

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QUALITY CONTROL DATA

Project: Speedway # 6893
Pace Project No.: 35606415

MATRIX SPIKE SAMPLE:	3805826	35606415009	Spike	MS	MS	% Rec	
Parameter	Units	Result	Conc.	Result	% Rec	Limits	Qualifiers
1,2-Dichlorobenzene	ug/L	0.60 U	20	14.9	75	70-130	
1,2-Dichloroethane	ug/L	0.27 U	20	17.1	86	70-130	
1,2-Dichloroethene (Total)	ug/L	0.27 U	40	35.3	88	70-130	N2
1,2-Dichloropropane	ug/L	0.23 U	20	17.0	85	70-130	
1,3,5-Trimethylbenzene	ug/L	0.24 U	20	15.0	75	70-130	
1,4-Dichlorobenzene	ug/L	0.28 U	20	14.1	71	70-130	
2-Butanone (MEK)	ug/L	21.0 U	100	65.0	65	47-143	J(v3)
2-Hexanone	ug/L	3.2 U	100	67.0	67	48-145	J(v3)
4-Methyl-2-pentanone (MIBK)	ug/L	7.5 U	100	70.5	70	57-132	J(v3)
Acetone	ug/L	5.4 I	100	79.8	74	46-148	
Acetonitrile	ug/L	25.0 U	100	68.9	69	33-175	J(v3)
Benzene	ug/L	0.30 U	20	17.6	88	70-130	
Bromochloromethane	ug/L	0.37 U	20	16.0	80	70-130	
Bromodichloromethane	ug/L	0.19 U	20	16.3	82	70-130	
Bromoform	ug/L	0.48 U	20	14.0	70	49-126	
Bromomethane	ug/L	8.1 U	20	8.1 U	29	10-165	J(v3)
Carbon disulfide	ug/L	1.8 U	20	22.9	114	60-141	J(v1)
Carbon tetrachloride	ug/L	0.44 U	20	16.6	83	63-126	
Chlorobenzene	ug/L	0.35 U	20	15.1	76	70-130	
Chloroethane	ug/L	3.7 U	20	18.1	91	71-142	
Chloroform	ug/L	0.32 U	20	17.3	87	70-130	
Chloromethane	ug/L	0.43 U	20	15.2	76	40-140	
cis-1,2-Dichloroethene	ug/L	0.27 U	20	17.3	87	70-130	
cis-1,3-Dichloropropene	ug/L	0.17 U	20	13.3	66	70-130	J(M1)
Dibromochloromethane	ug/L	0.45 U	20	14.5	72	62-118	
Dibromomethane	ug/L	0.68 U	20	15.6	78	70-130	
Ethylbenzene	ug/L	0.30 U	20	14.9	74	70-130	
Iodomethane	ug/L	9.3 U	20	9.3 U	43	10-164	J(v3)
Isopropylbenzene (Cumene)	ug/L	0.30 U	20	15.8	79	70-130	
m&p-Xylene	ug/L	2.1 U	40	30.0	75	70-130	
Methyl-tert-butyl ether	ug/L	4.4 U	20	16.0	80	64-124	
Methylene Chloride	ug/L	4.4 U	20	18.9	94	65-136	
o-Xylene	ug/L	0.57 U	20	14.9	75	70-130	
Styrene	ug/L	0.26 U	20	13.2	66	70-130	J(M1),J(v3)
Tetrachloroethene	ug/L	0.38 U	20	14.2	71	64-134	
Toluene	ug/L	0.33 U	20	15.3	77	70-130	
trans-1,2-Dichloroethene	ug/L	0.23 U	20	18.0	90	68-127	
trans-1,3-Dichloropropene	ug/L	0.37 U	20	14.7	74	65-121	
trans-1,4-Dichloro-2-butene	ug/L	2.5 U	20	10.2	51	42-129	J(v3)
Trichloroethene	ug/L	0.36 U	20	15.5	78	70-130	
Trichlorofluoromethane	ug/L	0.35 U	20	16.6	83	65-135	
Vinyl acetate	ug/L	1.8 U	20	12.2	61	60-144	
Vinyl chloride	ug/L	0.39 U	20	16.8	84	68-131	
Xylene (Total)	ug/L	2.1 U	60	44.9	75	70-130	
1,2-Dichlorobenzene-d4 (S)	%				100	70-130	
4-Bromofluorobenzene (S)	%				97	70-130	
Toluene-d8 (S)	%				99	70-130	

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QUALITY CONTROL DATA

Project: Speedway # 6893

Pace Project No.: 35606415

SAMPLE DUPLICATE: 3805825

Parameter	Units	35606415008 Result	Dup Result	RPD	Max RPD	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	0.32 U	0.32 U		40	
1,1,1-Trichloroethane	ug/L	0.30 U	0.30 U		40	
1,1,2,2-Tetrachloroethane	ug/L	0.59 U	0.59 U		40	
1,1,2-Trichloroethane	ug/L	0.30 U	0.30 U		40	
1,1-Dichloroethane	ug/L	0.34 U	0.34 U		40	
1,1-Dichloroethene	ug/L	0.59 U	0.59 U		40	
1,2,3-Trichloropropane	ug/L	0.53 U	0.53 U		40	
1,2,4-Trimethylbenzene	ug/L	0.24 U	0.24 U		40	
1,2-Dibromo-3-chloropropane	ug/L	1.9 U	1.9 U		40	
1,2-Dichlorobenzene	ug/L	0.60 U	0.60 U		40	
1,2-Dichloroethane	ug/L	0.27 U	0.27 U		40	
1,2-Dichloroethene (Total)	ug/L	0.27 U	0.27 U		40	N2
1,2-Dichloropropane	ug/L	0.23 U	0.23 U		40	
1,3,5-Trimethylbenzene	ug/L	0.24 U	0.24 U		40	
1,4-Dichlorobenzene	ug/L	0.28 U	0.28 U		40	
2-Butanone (MEK)	ug/L	21.0 U	21.0 U		40	J(v2)
2-Hexanone	ug/L	3.2 U	3.2 U		40	J(v2)
4-Methyl-2-pentanone (MIBK)	ug/L	7.5 U	7.5 U		40	J(v2)
Acetone	ug/L	5.3 U	5.3 U		40	
Acetonitrile	ug/L	25.0 U	25.0 U		40	J(v2)
Benzene	ug/L	0.30 U	0.30 U		40	
Bromochloromethane	ug/L	0.37 U	0.37 U		40	
Bromodichloromethane	ug/L	0.19 U	0.19 U		40	
Bromoform	ug/L	0.48 U	0.48 U		40	
Bromomethane	ug/L	8.1 U	8.1 U		40	J(v2)
Carbon disulfide	ug/L	1.8 U	1.8 U		40	J(v1)
Carbon tetrachloride	ug/L	0.44 U	0.44 U		40	
Chlorobenzene	ug/L	0.35 U	0.35 U		40	
Chloroethane	ug/L	3.7 U	3.7 U		40	
Chloroform	ug/L	0.32 U	0.32 U		40	
Chloromethane	ug/L	0.43 U	0.43 U		40	
cis-1,2-Dichloroethene	ug/L	0.27 U	0.27 U		40	
cis-1,3-Dichloropropene	ug/L	0.17 U	0.17 U		40	
Dibromochloromethane	ug/L	0.45 U	0.45 U		40	
Dibromomethane	ug/L	0.68 U	0.68 U		40	
Ethylbenzene	ug/L	0.30 U	0.30 U		40	
Iodomethane	ug/L	9.3 U	9.3 U		40	J(v2)
Isopropylbenzene (Cumene)	ug/L	0.30 U	0.30 U		40	
m&p-Xylene	ug/L	2.1 U	2.1 U		40	
Methyl-tert-butyl ether	ug/L	4.4 U	4.4 U		40	
Methylene Chloride	ug/L	4.4 U	4.4 U		40	
o-Xylene	ug/L	0.57 U	0.57 U		40	
Styrene	ug/L	0.26 U	0.26 U		40	J(v2)
Tetrachloroethene	ug/L	0.38 U	0.38 U		40	
Toluene	ug/L	0.33 U	0.33 U		40	
trans-1,2-Dichloroethene	ug/L	0.23 U	0.23 U		40	
trans-1,3-Dichloropropene	ug/L	0.37 U	0.37 U		40	

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QUALITY CONTROL DATA

Project: Speedway # 6893

Pace Project No.: 35606415

SAMPLE DUPLICATE: 3805825

Parameter	Units	35606415008 Result	Dup Result	RPD	Max RPD	Qualifiers
trans-1,4-Dichloro-2-butene	ug/L	2.5 U	2.5 U		40	J(v2)
Trichloroethene	ug/L	0.36 U	0.36 U		40	
Trichlorofluoromethane	ug/L	0.35 U	0.35 U		40	
Vinyl acetate	ug/L	1.8 U	1.8 U		40	
Vinyl chloride	ug/L	0.39 U	0.39 U		40	
Xylene (Total)	ug/L	2.1 U	2.1 U		40	
1,2-Dichlorobenzene-d4 (S)	%	106	107			
4-Bromofluorobenzene (S)	%	91	93		40	
Toluene-d8 (S)	%	100	98		40	

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QUALITY CONTROL DATA

Project: Speedway # 6893

Pace Project No.: 35606415

QC Batch:	699417	Analysis Method:	EPA 8011
QC Batch Method:	EPA 8011	Analysis Description:	8011 EDB DBCP
		Laboratory:	Pace Analytical Services - Ormond Beach

Associated Lab Samples: 35606415001, 35606415002, 35606415003, 35606415004, 35606415005, 35606415006, 35606415007, 35606415008, 35606415009, 35606415010, 35606415011, 35606415012

METHOD BLANK: 3808527 Matrix: Water

Associated Lab Samples: 35606415001, 35606415002, 35606415003, 35606415004, 35606415005, 35606415006, 35606415007, 35606415008, 35606415009, 35606415010, 35606415011, 35606415012

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,2-Dibromoethane (EDB)	ug/L	0.0075 U	0.010	0.0075	01/26/21 02:12	

LABORATORY CONTROL SAMPLE: 3808528

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2-Dibromoethane (EDB)	ug/L	0.25	0.25	102	60-140	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3808529 3808530

Parameter	Units	35606249005 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,2-Dibromoethane (EDB)	ug/L	0.0072 U	0.43	0.44	0.49	0.48	114	110	60-140	3	40	

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QUALITY CONTROL DATA

Project: Speedway # 6893

Pace Project No.: 35606415

QC Batch:	698990	Analysis Method:	EPA 8270 by SIM
QC Batch Method:	EPA 3510	Analysis Description:	8270 Water PAHLV by SIM MSSV
		Laboratory:	Pace Analytical Services - Ormond Beach

Associated Lab Samples: 35606415001, 35606415003, 35606415004, 35606415005, 35606415006, 35606415008, 35606415009, 35606415011, 35606415012

METHOD BLANK:	3806495	Matrix:	Water
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Associated Lab Samples: 35606415001, 35606415003, 35606415004, 35606415005, 35606415006, 35606415008, 35606415009, 35606415011, 35606415012

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1-Methylnaphthalene	ug/L	0.19 U	2.0	0.19	01/25/21 10:37	
2-Methylnaphthalene	ug/L	0.68 U	2.0	0.68	01/25/21 10:37	
Acenaphthene	ug/L	0.040 U	0.50	0.040	01/25/21 10:37	
Acenaphthylene	ug/L	0.030 U	0.50	0.030	01/25/21 10:37	
Anthracene	ug/L	0.043 U	0.50	0.043	01/25/21 10:37	
Benzo(a)anthracene	ug/L	0.055 U	0.10	0.055	01/25/21 10:37	
Benzo(a)pyrene	ug/L	0.12 U	0.20	0.12	01/25/21 10:37	
Benzo(b)fluoranthene	ug/L	0.027 U	0.10	0.027	01/25/21 10:37	
Benzo(g,h,i)perylene	ug/L	0.15 U	0.50	0.15	01/25/21 10:37	
Benzo(k)fluoranthene	ug/L	0.16 U	0.50	0.16	01/25/21 10:37	
Chrysene	ug/L	0.026 U	0.50	0.026	01/25/21 10:37	
Dibenz(a,h)anthracene	ug/L	0.13 U	0.15	0.13	01/25/21 10:37	
Fluoranthene	ug/L	0.018 U	0.50	0.018	01/25/21 10:37	
Fluorene	ug/L	0.088 U	0.50	0.088	01/25/21 10:37	
Indeno(1,2,3-cd)pyrene	ug/L	0.12 U	0.15	0.12	01/25/21 10:37	
Naphthalene	ug/L	0.29 U	2.0	0.29	01/25/21 10:37	
Phenanthrene	ug/L	0.16 U	0.50	0.16	01/25/21 10:37	
Pyrene	ug/L	0.032 U	0.50	0.032	01/25/21 10:37	
2-Fluorobiphenyl (S)	%	80	32-100		01/25/21 10:37	
p-Terphenyl-d14 (S)	%	97	48-112		01/25/21 10:37	

LABORATORY CONTROL SAMPLE: 3806496

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1-Methylnaphthalene	ug/L	5	3.9	77	34-103	
2-Methylnaphthalene	ug/L	5	3.7	75	35-100	
Acenaphthene	ug/L	5	3.8	76	38-102	
Acenaphthylene	ug/L	5	3.7	73	35-97	
Anthracene	ug/L	5	4.3	87	46-107	
Benzo(a)anthracene	ug/L	5	4.3	86	55-113	
Benzo(a)pyrene	ug/L	5	4.1	82	51-112	
Benzo(b)fluoranthene	ug/L	5	4.4	87	58-116	
Benzo(g,h,i)perylene	ug/L	5	4.0	80	45-116	
Benzo(k)fluoranthene	ug/L	5	4.5	89	58-118	
Chrysene	ug/L	5	4.6	91	58-120	
Dibenz(a,h)anthracene	ug/L	5	4.0	80	46-114	
Fluoranthene	ug/L	5	4.6	92	54-118	

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QUALITY CONTROL DATA

Project: Speedway # 6893

Pace Project No.: 35606415

LABORATORY CONTROL SAMPLE: 3806496

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Fluorene	ug/L	5	3.9	77	40-105	
Indeno(1,2,3-cd)pyrene	ug/L	5	4.1	81	46-114	
Naphthalene	ug/L	5	3.5	69	34-97	
Phenanthrene	ug/L	5	4.4	88	47-110	
Pyrene	ug/L	5	4.7	93	54-117	
2-Fluorobiphenyl (S)	%			81	32-100	
p-Terphenyl-d14 (S)	%			93	48-112	

MATRIX SPIKE SAMPLE: 3807977

Parameter	Units	35606397001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
1-Methylnaphthalene	ug/L	18.7	5	21.5	56	34-103	
2-Methylnaphthalene	ug/L	26.4	5	28.9	50	35-100	
Acenaphthene	ug/L	0.16 I	5	3.8	72	38-102	
Acenaphthylene	ug/L	0.030 U	5	3.5	71	35-97	
Anthracene	ug/L	0.043 U	5	4.2	83	46-107	
Benzo(a)anthracene	ug/L	0.055 U	5	4.1	81	55-113	
Benzo(a)pyrene	ug/L	0.12 U	5	4.0	79	51-112	
Benzo(b)fluoranthene	ug/L	0.027 U	5	4.0	81	58-116	
Benzo(g,h,i)perylene	ug/L	0.15 U	5	3.7	74	45-116	
Benzo(k)fluoranthene	ug/L	0.16 U	5	4.1	82	58-118	
Chrysene	ug/L	0.026 U	5	4.2	84	58-120	
Dibenz(a,h)anthracene	ug/L	0.13 U	5	3.8	75	46-114	
Fluoranthene	ug/L	0.018 U	5	4.4	87	54-118	
Fluorene	ug/L	0.19 I	5	3.9	73	40-105	
Indeno(1,2,3-cd)pyrene	ug/L	0.12 U	5	3.8	75	46-114	
Naphthalene	ug/L	77.9	5	77.5	-8	34-97 J(M1)	
Phenanthrene	ug/L	0.16 U	5	4.1	81	47-110	
Pyrene	ug/L	0.032 U	5	4.4	88	54-117	
2-Fluorobiphenyl (S)	%				72	32-100	
p-Terphenyl-d14 (S)	%				88	48-112	

SAMPLE DUPLICATE: 3807978

Parameter	Units	35606415001 Result	Dup Result	RPD	Max RPD	Qualifiers
1-Methylnaphthalene	ug/L	0.46 I	0.37 I		40	
2-Methylnaphthalene	ug/L	0.68 U	0.68 U		40	
Acenaphthene	ug/L	0.040 U	0.040 U		40	
Acenaphthylene	ug/L	0.030 U	0.030 U		40	
Anthracene	ug/L	0.043 U	0.043 U		40	
Benzo(a)anthracene	ug/L	0.055 U	0.055 U		40	
Benzo(a)pyrene	ug/L	0.12 U	0.12 U		40	
Benzo(b)fluoranthene	ug/L	0.027 U	0.027 U		40	
Benzo(g,h,i)perylene	ug/L	0.15 U	0.15 U		40	

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QUALITY CONTROL DATA

Project: Speedway # 6893

Pace Project No.: 35606415

SAMPLE DUPLICATE: 3807978

Parameter	Units	35606415001 Result	Dup Result	RPD	Max RPD	Qualifiers
Benzo(k)fluoranthene	ug/L	0.16 U	0.16 U		40	
Chrysene	ug/L	0.026 U	0.026 U		40	
Dibenz(a,h)anthracene	ug/L	0.13 U	0.13 U		40	
Fluoranthene	ug/L	0.018 U	0.018 U		40	
Fluorene	ug/L	0.088 U	0.088 U		40	
Indeno(1,2,3-cd)pyrene	ug/L	0.12 U	0.12 U		40	
Naphthalene	ug/L	0.63 I	0.52 I		40	
Phenanthrene	ug/L	0.16 U	0.16 U		40	
Pyrene	ug/L	0.032 U	0.032 U		40	
2-Fluorobiphenyl (S)	%	79	78			
p-Terphenyl-d14 (S)	%	91	91			

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: Speedway # 6893

Pace Project No.: 35606415

QC Batch:	698954	Analysis Method:	FL-PRO
QC Batch Method:	EPA 3510	Analysis Description:	FL-PRO Water Low Volume
		Laboratory:	Pace Analytical Services - Ormond Beach

Associated Lab Samples: 35606415001, 35606415003, 35606415004, 35606415005, 35606415006, 35606415008, 35606415009, 35606415011, 35606415012

METHOD BLANK: 3806156 Matrix: Water

Associated Lab Samples: 35606415001, 35606415003, 35606415004, 35606415005, 35606415006, 35606415008, 35606415009, 35606415011, 35606415012

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Petroleum Range Organics	mg/L	0.80 U	1.0	0.80	01/23/21 01:28	
N-Pentatriacontane (S)	%	105	42-159		01/23/21 01:28	
o-Terphenyl (S)	%	102	66-139		01/23/21 01:28	

LABORATORY CONTROL SAMPLE: 3806157

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Petroleum Range Organics	mg/L	5	3.6	72	66-119	
N-Pentatriacontane (S)	%			96	42-159	
o-Terphenyl (S)	%			91	66-139	

MATRIX SPIKE SAMPLE: 3806214

Parameter	Units	35606415012 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Petroleum Range Organics	mg/L	0.77 U	4.7	3.8	79	65-123	
N-Pentatriacontane (S)	%				101	42-159	
o-Terphenyl (S)	%				92	66-139	

SAMPLE DUPLICATE: 3806215

Parameter	Units	35606473001 Result	Dup Result	RPD	Max RPD	Qualifiers
Petroleum Range Organics	mg/L	0.78 U	0.76 U		20	
N-Pentatriacontane (S)	%	86	89			
o-Terphenyl (S)	%	84	85			

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REPORT OF LABORATORY ANALYSIS

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QUALIFIERS

Project: Speedway # 6893

Pace Project No.: 35606415

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit - The lowest concentration value that meets project requirements for quantitative data with known precision and bias for a specific analyte in a specific matrix.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

I	The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit.
U	Compound was analyzed for but not detected.
D4	Sample was diluted due to the presence of high levels of target analytes.
J(M1)	Estimated Value. Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.
J(v1)	The continuing calibration verification was above the method acceptance limit. Any detection for the analyte in the associated samples may have a high bias.
J(v2)	The continuing calibration verification was below the method acceptance limit. The analyte was not detected in the associated samples and the sensitivity of the instrument was verified with a reporting limit check standard.
J(v3)	The continuing calibration verification was below the method acceptance limit. Any detection for the analyte in the associated samples may have a low bias.
L	Off-scale high. Actual value is known to be greater than value given.
MS	Analyte recovery in the matrix spike was outside QC limits for one or more of the constituent analytes used in the calculated result.
N2	The lab does not hold NELAC/TNI accreditation for this parameter but other accreditations/certifications may apply. A complete list of accreditations/certifications is available upon request.

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Speedway # 6893

Pace Project No.: 35606415

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
35606415001	MWJ 01202021				
35606415002	CW11 01202021				
35606415003	MWI 01202021				
35606415004	CW13 01202021				
35606415005	MWL 01202021				
35606415006	MWA 01202021				
35606415007	CW10 01212021				
35606415008	CW2 01212021				
35606415009	CW9 01212021				
35606415010	CW6 01212021				
35606415011	MWC 01212021				
35606415012	CW3 01212021				
35606415001	MWJ 01202021	EPA 8011	699417	EPA 8011	699499
35606415002	CW11 01202021	EPA 8011	699417	EPA 8011	699499
35606415003	MWI 01202021	EPA 8011	699417	EPA 8011	699499
35606415004	CW13 01202021	EPA 8011	699417	EPA 8011	699499
35606415005	MWL 01202021	EPA 8011	699417	EPA 8011	699499
35606415006	MWA 01202021	EPA 8011	699417	EPA 8011	699499
35606415007	CW10 01212021	EPA 8011	699417	EPA 8011	699499
35606415008	CW2 01212021	EPA 8011	699417	EPA 8011	699499
35606415009	CW9 01212021	EPA 8011	699417	EPA 8011	699499
35606415010	CW6 01212021	EPA 8011	699417	EPA 8011	699499
35606415011	MWC 01212021	EPA 8011	699417	EPA 8011	699499
35606415012	CW3 01212021	EPA 8011	699417	EPA 8011	699499
35606415001	MWJ 01202021	EPA 3510	698954	FL-PRO	699011
35606415003	MWI 01202021	EPA 3510	698954	FL-PRO	699011
35606415004	CW13 01202021	EPA 3510	698954	FL-PRO	699011
35606415005	MWL 01202021	EPA 3510	698954	FL-PRO	699011
35606415006	MWA 01202021	EPA 3510	698954	FL-PRO	699011
35606415008	CW2 01212021	EPA 3510	698954	FL-PRO	699011
35606415009	CW9 01212021	EPA 3510	698954	FL-PRO	699011
35606415011	MWC 01212021	EPA 3510	698954	FL-PRO	699011
35606415012	CW3 01212021	EPA 3510	698954	FL-PRO	699011
35606415001	MWJ 01202021	EPA 3010	699384	EPA 6010	699471
35606415002	CW11 01202021	EPA 3010	699384	EPA 6010	699471
35606415003	MWI 01202021	EPA 3010	699384	EPA 6010	699471
35606415004	CW13 01202021	EPA 3010	699384	EPA 6010	699471
35606415005	MWL 01202021	EPA 3010	699384	EPA 6010	699471
35606415006	MWA 01202021	EPA 3010	699384	EPA 6010	699471
35606415007	CW10 01212021	EPA 3010	699542	EPA 6010	699624
35606415008	CW2 01212021	EPA 3010	699542	EPA 6010	699624
35606415009	CW9 01212021	EPA 3010	699542	EPA 6010	699624
35606415010	CW6 01212021	EPA 3010	699542	EPA 6010	699624
35606415011	MWC 01212021	EPA 3010	699542	EPA 6010	699624
35606415012	CW3 01212021	EPA 3010	699542	EPA 6010	699624
35606415001	MWJ 01202021	EPA 3510	698990	EPA 8270 by SIM	699322

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Speedway # 6893

Pace Project No.: 35606415

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
35606415003	MWI 01202021	EPA 3510	698990	EPA 8270 by SIM	699322
35606415004	CW13 01202021	EPA 3510	698990	EPA 8270 by SIM	699322
35606415005	MWL 01202021	EPA 3510	698990	EPA 8270 by SIM	699322
35606415006	MWA 01202021	EPA 3510	698990	EPA 8270 by SIM	699322
35606415008	CW2 01212021	EPA 3510	698990	EPA 8270 by SIM	699322
35606415009	CW9 01212021	EPA 3510	698990	EPA 8270 by SIM	699322
35606415011	MWC 01212021	EPA 3510	698990	EPA 8270 by SIM	699322
35606415012	CW3 01212021	EPA 3510	698990	EPA 8270 by SIM	699322
35606415001	MWJ 01202021	EPA 8260	698906		
35606415002	CW11 01202021	EPA 8260	698906		
35606415003	MWI 01202021	EPA 8260	698906		
35606415004	CW13 01202021	EPA 8260	698906		
35606415005	MWL 01202021	EPA 8260	698906		
35606415006	MWA 01202021	EPA 8260	698906		
35606415007	CW10 01212021	EPA 8260	698906		
35606415008	CW2 01212021	EPA 8260	698907		
35606415009	CW9 01212021	EPA 8260	698907		
35606415010	CW6 01212021	EPA 8260	698907		
35606415011	MWC 01212021	EPA 8260	698907		
35606415012	CW3 01212021	EPA 8260	698907		

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WO#: 35606415



35606415

I Request Document

Relevant fields must be completed accurately.



Section A

Required Client Information:

Company: TERRA-COM Environmental Consulting, Inc. - Jacksonville, FL
 Address: 112 43rd Ave SW, Vero Beach, FL 32968
 Email: phoffken@terra-comenv.com
 Phone: (772) 217-8502
 Project Name: Speedway # 6893
 Project #: 7220 008

Section B

Required Project Information:

Report To: Philip Hoffken
 Copy To:
 Purchase Order #:
 Project Manager: todd.rea@pacelabs.com
 Pace Project Manager:
 Pace Profile #: 11442-9

Regulatory Agency

State / Location

FL

ITEM #	MATRIX	CODE	SAMPLE ID One Character per box. (A-Z, 0-9 /, -) Sample IDs must be unique	COLLECTED		SAMPLE TYPE (G=GRAB C=COMP)	MATRIX CODE (see valid codes to left)	# OF CONTAINERS	PRESERVATIVES	ANALYSES TEST Y/N	Requested Analysis Filtered (Y/N)																				
				START DATE	END DATE						Unpreserved	H2SO4	HNO3	HCl	NaOH	Na2S2O3	Methanol	Other	VOC (8260)	EDB (8011)	Lead (6010)	PAH (8270 SIM)	TRPH (FL-PRO)	Residual Chlorine (Y/N)							
				TIME	TIME																										
1	MW 5	01202021			1/20/21	1447	WTG	9	Z	1	3				X	X	X	X													
2	CW 11	01202021			1/20/21	1516	WTG	6	Z	3	1																				
3	MW 11	01202021			1/20/21	1557	WTG	9	Z	1	3				X	X	X	X													
4	CW 13	01202021			1/20/21	1641	WTG	9	Z	1	3				X	X	X	X													
5	MW 1	01202021			1/20/21	1643	WTG	9	Z	1	3				X	X	X	X													
6	MW 1	01202021			1/20/21	1529	WTG	9	Z	1	3				X	X	X	X													
7	CW 10	01212021			1/21/21	0824	WTG	6	Z	1	3				X	X	X	X													
8	CW 2	01212021			1/21/21	0828	WTG	9	Z	1	3				X	X	X	X													
9	CW 9	01212021			1/21/21	0908	WTG	9	Z	1	3				X	X	X	X													
10	CW 6	01212021			1/21/21	0926	WTG	6	Z	1	3				X	X	X	X													
11	MW 6	01212021			1/21/21	0950	WTG	9	Z	1	3				X	X	X	X													
12	CW 3	01212021			1/21/21	1007	WTG	9	Z	1	3				X	X	X	X													

Fac ID 1318506324
 TERRA-COM # 2020-0087

RELINQUISHED BY / AFFILIATION: David G. Ray
 DATE: 1/21/21
 TIME: 12:18

ACCEPTED BY / AFFILIATION: Day Phyllis P.A.S.
 DATE: 1-21-21
 TIME: 12:17

RELINQUISHED BY / AFFILIATION: CW PAUL
 DATE: 1/21/21
 TIME: 1900

ACCEPTED BY / AFFILIATION: J. P. (Pa)
 DATE: 1-21-21
 TIME: 2345

TEMP in C: 4.8

Received on: Ice (Y/N), Sealed (Y/N), Custody (Y/N), Cooler (Y/N), Samples Intact (Y/N)

SAMPLER NAME AND SIGNATURE: David G. Ray
 PRINT Name of SAMPLER: David G. Ray
 SIGNATURE of SAMPLER: [Signature]

DATE Signed: 1/21/21



Document Name:
Sample Condition Upon Receipt Form
Document No.:
F-FL-C-007 rev. 13

Document Revised:
May 30, 2018
Issuing Authority:
Pace Florida Quality Office

WO#: 35606415

(CUR)

Project #
Project Manager:
Client:

PM: TSR **Due Date: 01/28/21**
CLIENT: TERCOM

Date and Initials of person:
Examining contents: _____
Label: _____
Deliver: WET
pH: _____

Thermometer Used: T-337 Date: 1/21/21 Time: 22:50 Initials: UJT

State of Origin: _____ For WV projects, all containers verified to ≤6 °C

Cooler #1 Temp. °C 4.8 (Visual) 80 (Correction Factor) 4.8 (Actual)
Cooler #2 Temp. °C 2.4 (Visual) _____ (Correction Factor) 2.4 (Actual)
Cooler #3 Temp. °C 1.7 (Visual) _____ (Correction Factor) 1.7 (Actual)
Cooler #4 Temp. °C 2.6 (Visual) _____ (Correction Factor) 2.6 (Actual)
Cooler #5 Temp. °C 4.4 (Visual) _____ (Correction Factor) 4.4 (Actual)
Cooler #6 Temp. °C _____ (Visual) _____ (Correction Factor) _____ (Actual)

Samples on ice, cooling process has begun
 Samples on ice, cooling process has begun
 Samples on ice, cooling process has begun
 Samples on ice, cooling process has begun
 Samples on ice, cooling process has begun
 Samples on ice, cooling process has begun

Courier: Fed Ex UPS USPS Client Commercial Pace Other _____

Shipping Method: First Overnight Priority Overnight Standard Overnight Ground International Priority
 Other _____

Billing: Recipient Sender Third Party Credit Card Unknown

Tracking # _____

Custody Seal on Cooler/Box Present: Yes No Seals intact: Yes No Ice: Wet Blue Dry None

Packing Material: Bubble Wrap Bubble Bags None Other _____

Samples shorted to lab (if Yes, complete) Shorted Date: _____ Shorted Time: _____ Qty: _____

Comments:

Chain of Custody Present	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Chain of Custody Filled Out	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Relinquished Signature & Sampler Name COC	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Samples Arrived within Hold Time	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Rush TAT requested on COC	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	
Sufficient Volume	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Correct Containers Used	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Containers Intact	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Sample Labels match COC (sample IDs & date/time of collection)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
All containers needing acid/base preservation have been checked.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	Preservation Information: Preservative: _____ Lot #/Trace #: _____ Date: _____ Time: _____ Initials: _____
All Containers needing preservation are found to be in compliance with EPA recommendation: Exceptions: VOA, Coliform, TOC, O&G, Carbamates	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Headspace in VOA Vials? (>6mm):	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	
Trip Blank Present:	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	

Client Notification/ Resolution:
Person Contacted: _____ Date/Time: _____

Comments/ Resolution (use back for additional comments): _____

Project Manager Review: _____ Date: _____

Former Gas Station

Address: 1555 79th St, North Bay Village, Fl 33141

DERM ID: 2012052413430594

**SOIL MANAGEMENT PLAN
SOURCE REMOVAL PLAN**

Vacant Property
1555 North Bay Causeway
North Bay Village, Florida
UT-4601/File-11992

GLE Project No.: 18000-20270



Prepared for:

NORTH BAY CAUSEWAY, LLC
C/O Ms. Gabriella Ghilino
1555 North Bay Causeway
North Bay Village, Florida

December 2018

Prepared by:



1000 NW 65th Street, Suite 300-D
Ft. Lauderdale, Florida 33309
754-223-2697 • Fax 754-223-2937

PROFESSIONAL CERTIFICATION

PROFESSIONAL GEOLOGIST LICENSED IN THE STATE OF FLORIDA

For

Soil Management Plan Source Removal Plan

Vacant Property
1555 North Bay Causeway
North Bay Village, Florida
UT-4601/File-11992

GLE Project No.: 18000-20270

I hereby certify that the work as summarized in this “Soil Management Plan and Source Removal Plan” as prepared for the site located at 1555 North Bay Causeway, North Bay Village, Miami-Dade County, Florida, UT-4601/File-11992 was performed in accordance with Florida Administrative Code Chapter 62-780 and Miami Dade County Code 24. As a registered professional geologist, as authorized by Chapters 492, Florida Statutes, I certify that I am a qualified soil and groundwater professional. To the best of my knowledge, the information and laboratory data summarized in the “Soil Management Plan and Source Removal Plan” (including the applicable attachments) are true, accurate, complete, and in accordance with applicable State Rules and Regulations.

Prepared By:

Kevin G. Koenig, PG
Project Manager


Signature

December 10, 2018

Date

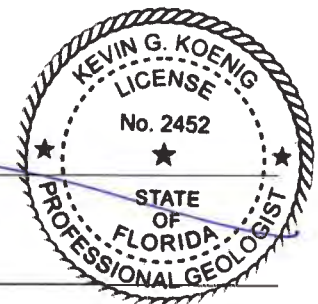


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FIGURES

Figure 1 – Site Plan Map

APPENDICES

Appendix A – Historical Information

1.0 INTRODUCTION

This Soil Management Plan (SMP) and Source Removal Plan (SRP) has been prepared by GLE Associates, Inc. (GLE) for North Bay Causeway, LLC, in regards to the property with the address of 1555 North Bay Causeway, North Bay Village, Miami Dade County, FL 33141 (the “site”), This SMP/SRP specifies the actions proposed to achieve site rehabilitation completion, and has been prepared in accordance with Chapter 62-780, Florida Administrative Code (FAC) and Miami Dade County Chapter 24.

Based on information provided by the Client in email communications and a review of Miami-Dade County Department of Regulatory and Economic Resources (RER) files as available on the Miami Dade County ECMRER database, GLE understands the following:

- The Client is involved with the Property at 1555 North Bay Causeway in North Bay Village with a plan for redevelopment.
- Previous reporting of site assessment has identified the presence of benzo(a)pyrene (BaP) in concentrations within soils above Chapter 62-777 FAC soil cleanup target levels within surficial soils, 0-2 feet below land surface (bls). The BaP concentrations were delineated within the Soil Sampling Report Addendum (NEF, February 14, 2013) in response to RER comments dated January 7, 2013 requiring assessment and delineation of BaP soil exceedances.
- During a meeting between RER and property representatives on November 14, 2018, RER has required the preparation and submittal of a Soil Management Plan and Source Removal Plan to address management and source removal of the identified BaP impacted soils with the final goal of No Further Action (NFA). A copy of the RER letter requesting the SMP/SRP can be found attached within **Appendix A**.

1.1 Site Location and Description

The subject property is located at 1555 North Bay Causeway, North Bay Village, Florida. The site comprises of a vacant portion located to the north of the North Bay Village Causeway. The Property is identified as one parcel of land (Folio # 23-3209-000-0020) with a reported area of 36,000 square feet. The parcel is a former parking lot for the adjacent to the east former restaurant. The facility is located at north latitude 26.849121 and west longitude -80.153358. **Figure 1** is a portion of the United State Geologic Survey (USGS) Miami, Florida, 2018 Topographic Map, identifying the property location, and illustrating surrounding topographic features and roads. **Figure 2** is an aerial photo from Google Earth 2018, illustrating the site and surrounding properties. The surrounding area is identified as a portion of the intra-coastal waterway to the north, a vacant lot formerly containing a restaurant to the east, the Channel Seven news facility to the west and North

Bay Causeway to the south with a shopping complex beyond. **Figure 3** is a site plan map showing the locations of major structures.

1.2 Site Background and History

The property is currently a vacant parking lot formerly servicing a seafood restaurant located to the east within the eastern adjacent parcel. The restaurant building was removed in approximately January of 2015.

Previous assessment of the site was performed during property transactions and identified a former gasoline service station formerly located within the southern portion of the site. Initial soil and groundwater assessment reported within a Soil Sampling Report (NEF, December 6, 2012) identified the presence of the petroleum constituent BaP within surficial soils beneath a portion of the southern parking lot. A subsequent report, Soil Sampling Report Addendum (NEF, February 14, 2013) defined the area as within the top 0-2 feet bls and beneath the asphalt surface of the parking lot. The approximate area is estimated at approximately 500 square feet. The property owners in negotiations with DERM agreed to present a soil management plan in order to address the BaP exceedances. The plan was agreed to be performed prior to upcoming development.

Selected tables and figures from the Soil Sampling Report Addendum (NEF, February 14, 2013) are included within **Appendix A**.

2.0 SOURCE REMOVAL PLAN AND METHODOLOGY

Currently, the site is vacant and fenced, the area of concern is paved with asphalt. Based on the surficial nature of the identified BaP contaminants, source removal by excavation with disposal is the most cost effective method of remediation. GLE proposes soil excavation in general accordance with the previously identified limits prescribed within the Soil Sampling Report Addendum (NEF, February 14, 2013).

2.1 Health and Safety

A site Specific Health and Safety Plan (HASP) will be prepared for the onsite activities and the protection of onsite personnel. The HASP will include requirements of personal protective equipment and material handling requirements.

2.2 Material Characterization

Based on the requirements of disposal facilities, material characterization and profiling will be required, currently an estimated volume of 259 tons of impacted material is estimated to be excavated. Based on the general requirements of soil disposal facilities, five soil samples will be required to be collected from the area slated for excavation. Soil samples will be collected from five discrete soil borings utilizing a stainless steel hand auger. Soil samples will be collected from the 0-2 feet bls depth from within the area

proposed for excavation, placed into laboratory supplied containers and sent for analysis by parameters determined by the disposal facility selected.

2.3 Additional Soil Assessment

While onsite, GLE proposes the collection of soil samples from the anticipated boundaries of the excavation. The soil samples will be collected from the 0-2 feet bls interval from the northern, southern, eastern and western boundaries and within the 2-4 feet bls interval within the center of the proposed excavation and sent for laboratory analysis of BaP. The soil sampling event is proposed in an attempt to pre-determine the limits of excavation prior to the mobilization of equipment to the site. The results will be submitted to RER for approval prior to the source removal activities. The predetermined limits of excavation will limit the time and cost of equipment and manpower onsite and eliminate the need for laboratory analysis and the associated wait times during excavation.

GLE proposes the installation of soil borings for soil sample collection based on the former locations of soil borings SB-5 (northern extent, 2012), SB-18 (southern extent, 2012), SB-14 (western extent, 2012), SB-15-E2 (eastern extent, 2013) and SB-15 (2 feet bls, vertical extent) as reported within the Soil Sampling Report Addendum (NEF, February 2013). The soil samples will be collected utilizing a stainless steel hand auger from the 0-2 feet bls interval and 2 feet bls in the approximate locations listed above and sent to a National Environmental Laboratory Accreditation Conference certified and Florida Department of Health certified laboratory for analysis of Polycyclic Aromatic Hydrocarbons (PAHs) by EPA Method 8270.

Depending on the results, additional step out soil borings and soil analysis may be required in order to determine the limits of the proposed excavation. The laboratory results and proposed final excavation limits will be submitted to DERM for approval prior to excavation.

2.4 Source Removal

Upon DERM and the soil disposal facilities approval, GLE will mobilize to the site and perform source removal of identified BaP impacted soils to the extent predetermined and approved within the previous task. As the soils are located beneath an asphalt paved parking lot, the asphalt will be removed and stockpiled. Impacted material will be direct loaded for transport to an approved soil disposal facility. The disposal facility is currently proposed as a thermal treatment facility but ultimately will be determined by cost and availability. Currently, an estimated volume of 259 tons of material is proposed to be excavated, transported and removed from the Property. As the Property is fenced and locked and the excavation limited to 2 feet in depth, the edges of the excavation will be sloped for safety and the excavation will not be backfilled. The open excavation will be addressed during future development.

3.0 REPORTING

An Interim Source Removal Summary Report will be submitted within 60 days of completing onsite activities. The report will summarize source removal and impacted soil disposal activities and include soil disposal manifests.

FIGURES




 - Approximate Property Boundary



Figure 1
USGS 7.5-Minute Topographic Map
Miami, Florida 2018

1:24,000

Prepared By: GLE Associates, Inc.
1000 NW 65th Street, Suite 300-D
Ft. Lauderdale, FL 33309
Phone: (754) 223-2697 fax: (754) 223-2937




1555 North Bay Causeway, North
Bay Village, Florida

Job No.
18000-20270

Figure
1



 Approximate Property Boundary

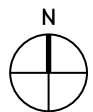


Figure 2
Site Vicinity Map

Not to Scale

Prepared By:
GLE Associates, Inc.




1555 North Bay Causeway, North
Bay Village, Florida

Job No.
18000-20270

Figure
2



 - Approximate Property Boundary

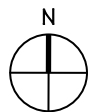


Figure 3
Site Map
Google Earth 2018

Not to Scale

Prepared By: GLE Associates, Inc.
1000 NW 65th Street, Suite 300-D
Ft. Lauderdale, FL 33309
Phone: (754) 223-2697 fax: (754) 223-2937



1555 North Bay Causeway, North
Bay Village, Florida

Job No.
18925-20270

Figure
3

APPENDIX A
Miami Dade DERM Correspondence, Historical Tables and
Figures (NEF, 2013)



Carlos A. Gimenez, Mayor

Department of Regulatory and Economic Resources

Environmental Resources Management

701 NW 1st Court, 4th Floor

Miami, Florida 33136-3912

T 305-372-6700 F 305-372-6982

miamidade.gov

November 14, 2018

CERTIFIED MAIL NO. 7017 2400 0000 7835 4189
RETURN RECEIPT REQUESTED

Mr. Rodolfo Borda, Manager
North Bay Causeway, LLC
9130 S Dadeland Blvd Ste 1509
Miami, FL 33156

Re: Source Removal Report and Soil Management Plan required submittals for the Crab House Restaurant/Former Gas Station (UT-4601/F-11992) located at, near, or in the vicinity of 1555 North Bay Causeway, North Bay Village, Miami, Florida (Folio # 30-2913-001-0531 and 30-2913-001-0560)

Dear Mr. Borda:

Please be advised that the Pollution Remediation Section (PRS) of the Department of Regulatory and Economic Resources-Division of Environmental Resources Management (RER-DEEM) has not received the required above referenced reports for the subject site. As per our records, these reports are currently overdue.

Therefore, within thirty (30) days of receipt of this letter, you are hereby required to submit to the PRS for review the overdue documents.

Failure to adhere to the items and timeframes stipulated above may result in enforcement action for this site.

If you have any questions concerning the above, please contact Alicia Felipe of the PRS at (305) 372-6700.

Sincerely,

Wilbur Mayorga, P.E., Chief
Environmental Monitoring & Restoration Division

af

ec: Kevin Koenig – GLE Associates (kkoenig@gleassociates.com)
Claudia Hughes – Richard Wasserstein, P.A. (claudia@closings.com)
Mariline Apfelbaum – Beachfront Realty (marilinemiami@gmail.com)

Delivering Excellence Every Day



Table 2

Soil Analytical Results for PAHs

Crab House Restaurant/Former Gas Station
 1555 North Bay Causeway
 North Bay Village, Miami-Dade County, FL 33141
 UT-4601/File-11992

Location	Depth	Date	Direct Exposure SCTLs																		
			Naphthalene	1-Methyl Naphthalene	2-Methyl Naphthalene	Acenaphthene	Anthracene	Benzo(a) pyrene	Benzo(a) anthracene	Benzo(b) fluoranthene	Benzo(k) fluoranthene	Chrysene	Dibenz(a,h) anthracene	Indeno (1,2,3-cd) pyrene	Benzo(g,h,i) perylene	Fluoranthene	Fluorene	Phenanthrene	Pyrene		
SB-15	0' - 2'	10/30/2012	55	200	210	2400	21000	0.1	8	0.8	2.4	24	77	0.7	6.6	0.1	2500	3200	2600	2200	2400
SB-15	2'	1/29/2013	1.2	3.1	8.5	2.1	2500	8	0.8	2.4	2.4	24	77	0.7	6.6	N/A	32000	1200	160	250	880
SB-15-N2'	0' - 2'	1/29/2013	0.022U	0.022U	0.022U	0.031 I	0.15 I	2.6	0.13 I	1.9	5.0	0.022U	2.8	0.40	1.5	3.8	1.8	5.5	0.039 I	1.5	4.6
SB-15-N4'	0' - 2'	1/29/2013	0.011U	0.012U	0.013U	0.012U	0.010U	0.013 I	0.013 I	0.013 I	0.025U	0.011 I	0.015 I	0.0095U	0.013U	0.0	0.014 I	0.028 I	0.015U	0.013U	0.022 I
SB-15-N6'	0' - 2'	1/29/2013	0.012U	0.013U	0.015U	0.018 I	0.085	0.44	0.39	0.82	0.68	0.30	0.60	0.08	0.31	0.7	0.35	1.3	0.029 I	0.62	1.1
SB-15-E1'	0' - 2'	11/19/2012	0.012U	0.013U	0.015U	0.039	0.14	0.85	0.82	1.2	1.2	0.45	1.0	0.16	0.57	1.3	0.65	2.3	0.052	1.2	2.0
SB-15-E2'	0' - 2'	1/29/2013	0.012U	0.013U	0.015U	0.037	0.14	0.68	0.69	0.83	0.83	0.47	0.83	0.11	0.43	1.0	0.50	1.9	0.045	1.0	1.7
SB-15-S2'	0' - 2'	1/29/2013	0.11U	0.11U	0.11U	0.11U	0.11U	0.31 I	0.30 I	0.50 I	0.50 I	0.16 I	0.46 I	0.11U	0.20 I	0.5	0.25 I	1.0	0.11U	0.89 I	0.75 I
SB-15-S4'	0' - 2'	1/29/2013	0.012U	0.013U	0.015U	0.014U	0.011U	0.0070 I	0.011U	0.028U	0.028U	0.0060U	0.013U	0.011U	0.015U	0.0	0.013U	0.012U	0.017U	0.014U	0.012U
SB-15-S6'	0' - 2'	1/29/2013	0.012U	0.013U	0.015U	0.013U	0.025 I	0.25	0.21	0.36	0.15	0.15	0.29	0.051	0.16	0.4	0.18	0.56	0.016U	0.20	0.48
SB-15-W1'	0' - 2'	11/19/2012	0.022U	0.022U	0.022U	0.022U	0.022U	0.022U	0.022U	0.022U	0.022U	0.022U	0.022U	0.022U	0.022U	0.0	0.22	3.8	0.099	2.2	3.7
SB-18	0' - 2'	10/30/2012	0.022U	0.022U	0.022U	0.022U	0.022U	0.033 I	0.038 I	0.070 I	0.070 I	0.022U	0.046 I	0.022U	0.026 I	0.1	0.029 I	0.086 I	0.022U	0.030 I	0.085 I

Table II SCTLs: Direct Exposure Soil Cleanup Target Levels established for chemical constituents in soil as defined in Chapter 62-777 FAC.
 Table III SCTLs: Leachability based Soil Cleanup Target Levels established for chemical constituents in soil as defined in Chapter 62-777 FAC.
 All contaminant levels are reported in mg/kg (parts per million) (ppm).
 U = Concentration reported Below Method Detection Limit
 I = Estimated Value as the reported value is between the Method Detection Limit and the Practical Quantitation Limit
 bold = Reported concentration exceeds SCTL

Table 3

Soil Analytical Results for VOCs, TRPH and 4 RCRA Metals

Crab House Restaurant/Former Gas Station
 1555 North Bay Causeway
 North Bay Village, Miami-Dade County, FL 33141
 UT-4601/File-11992

		OVA Field Screening Results	Acetone	TRPH	Arsenic	Cadmium	Chromium	Lead
Direct Exposure SCTLs		N/A	11,000	460	2.1	82	210	400
Leachability SCTLs		N/A	25	340	***	7.5	38	***
Natural Background Soil Concentrations Barrier Islands		N/A	N/A	N/A	5.2 (0-2')	0.3 (0-2')	7.9 (0-1') 5.7 (0-2')	15.0 (0-1') 5.2 (0-2')
Location	Depth	Date						
SB-15	0' - 2'	10/30/2012	0.011U	157	6.1	0.42	9.5	30.5
SB-18	0' - 2'	10/30/2012	0.027	2.9U	5.4	0.039 I	4.4	8.1

Table II SCTLs: Direct Exposure Soil Cleanup Target Levels established for chemical constituents in soil as defined in Chapter 62-777 FAC.

Table III SCTLs: Leachability based Soil Cleanup Target Levels established for chemical constituents in soil as defined in Chapter 62-777 FAC.

Natural Background Soil Concentrations for the Barrier Islands of Miami-Dade County Memorandum dated November 7, 2004

*** Leachability values may be derived using the SPLP Test to calculate site specific SCTLs or may be determined using TCLP in the event only wastes are present.

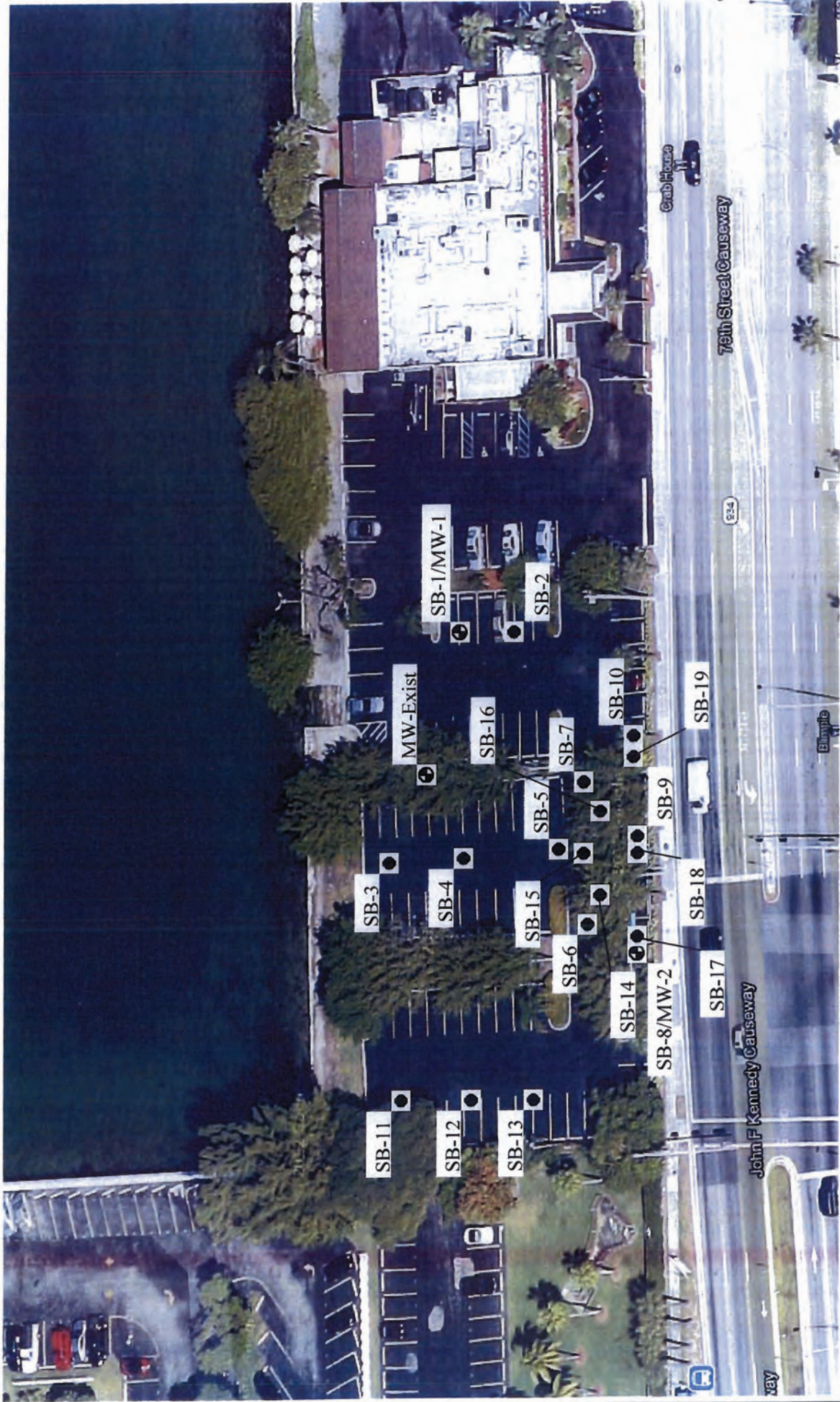
All contaminant levels are reported in mg/kg (parts per million (ppm))

U = Concentration reported Below Method Detection Limit

I = Estimated Value as the reported value is between the Method Detection Limit and the Practical Quantization Limit

bold

Reported concentration exceeds SCTL



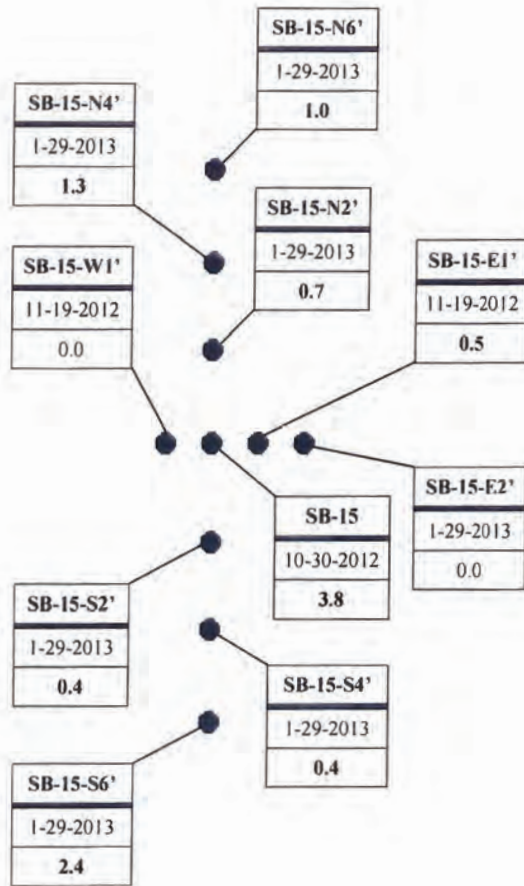
**NUTTING ENVIRONMENTAL
OF FLORIDA, INC.**

Your Project is Our Commitment.

Crab House Restaurant & Parking Area
 1555 North Bay Causeway
 North Bay Village, Miami-Dade County
 NEF # 7175.1

Soil Boring and Monitoring
 Well Location Map

FIG. 1



Soil Sample ID
Sample Date
B(a)P TEC in mg/kg

- LEGEND -

- Monitor Well Location
- Soil Boring Location



Note: **Values exceeds Residential Direct Exposure Soil Cleanup Target Level for B(a)P per Chapter 62-777, FAC.** — mg/kg = milligram per kilogram.



**NUTTING ENVIRONMENTAL
OF FLORIDA, INC.**
Your Project Is Our Commitment.

Crab House Restaurant
1555 North Bay Causeway
North Bay Village, FL 33141
UT-4601/File-11992

SB-15
Soil Sample and
B(a)P Concentration
Location Map

FIG. 2

Treasure Isle Care Center

Address: 1335 N Treasure Dr, North Bay Village, FL 33141

Facility ID: 9817260

From: Madala, Madhuri on behalf of tankregistration
To: Treasure Isle Administrator; tankregistration
Cc: Maloney, David
Subject: RE: Fac id#9817260
Date: Friday, July 19, 2019 3:04:46 PM
Attachments: Fac_ID#9817260.pdf
image001.png

Per your request Fac ID#9817260 is assigned to Treasure Isle Care center at 1335 N Treasure Dr, North Bay Village.

Please follow the below instructions to pay and print placard for STCM#78693 through Dep Business Portal.

Florida Department of Environmental Protection - Enterprise Applications

Tanks Rel party Account Loc / comments History Detail Compliance Create Discharge RePorts Help ORACLE

Storage Tank/Contamination Tracking - Facility Detail

Facility ID	9817260	Facility Status	OPEN	Create Date	07/19/2019		
County	MIAMI-DADE	District	SED	Name Update			
Name *	TREASURE ISLE CARE CENTER						
Address *	1335 N TREASURE DR						
Address2							
City	NORTH BAY VILLAGE	FL	33141	ASTC	2		
Facility Contact Name	HEIDI TUCKER	Facility Contact Phone	305-316-4154	Ext			
Invoice Activity Date		Contact Phone Verified By	MADALA M	Phone #			
Current Placard Date		Contact Phone Last Verified	07/19/2019	Changes Verified?			
24 HR Emergency Contact Name - Phone				Ext			
Facility Type *	C FUEL USER/NON-RETAIL	DEP Contract Owned *	P				
Financial Resp		Coverage Period		Effective			
Insurance Comp							
Cleanup Status							
Owner Name	TREASURE ISLE CARE CENTER				Primary Role	ACCT OWN	
Address	1735 N TREASURE DR				Owner ID#	78693	
Address2					Begin Date	07/19/2019	
City/St/Zip	NORTH BAY VILLAGE, FL 33141				Bad Address?	N	
Last Updated	07/19/2019	Phone	305-316-4154	Ext		Registr Coord	
Contact	HEIDI TUCKER						
Email Address	ADMINISTRATOR@TRESUREISLECCARECENTER.COM						

STCM FACILITY

Enter county code.
Record: 1/1 List of Values

Dear Account Owner:

Storage Tank Account No. | STCM-78693

The Department of Environmental Protection is pleased to announce the arrival of its new Electronic Self Service Application Portal (**ESSA**). Our goal is to provide a paperless transaction route for you to easily:

Pay invoices online,
Print placards,
Update facility information and
much more.

You have received this email per our conversation. Please remember that an account owner must first **register**, this will verify you typed in your email address correctly.

After you have registered and your email address has been verified, you will then be able to receive your invoice, pay online and print placards by selecting **Path "A" once** you enter the Portal. Select **Path "B"** to print duplicate Placard.

To register go to: <http://www.fldepportal.com/go/submit-registration/>

If at any point during this process you have any questions, please do not hesitate to contact us for assistance.

Thank You

Tank Registration

2600 Blair Stone Road, MS 4525
Tallahassee, FL 32399-2400
(850) 245-8839 | Fax: (850) 412-0405
Tankregistration@dep.state.fl.us

-----Original Message-----

From: Treasure Isle Administrator [mailto:Administrator@treasureislecarecenter.com]
Sent: Tuesday, June 25, 2019 1:47 PM
To: tankregistration <tankregistration@dep.state.fl.us>
Subject: FW: Message from "PRN50023K"

Attached you will find our application for our storage tank.

Sincerely,

Heidi Tucker, NHA
Treasure Isle Care Center
1735 N Treasure Dr
NBV, Florida 33141

-----Original Message-----

From: PRN50023K@treasureislecarecenter.com <PRN50023K@treasureislecarecenter.com>
Sent: Tuesday, June 25, 2019 1:35 PM
To: Treasure Isle Administrator <Administrator@treasureislecarecenter.com>
Subject: Message from "PRN50023K"

This E-mail was sent from "PRN50023K" (MP 5055).

Scan Date: 06.25.2019 13:35:21 (-0400)
Queries to: PRN50023K@treasureislecarecenter.com

This communication may contain confidential Protected Health Information. This information is intended only for the use of the individual or entity to which it is addressed. The authorized recipient of this information is prohibited from disclosing this information to any other party unless required to do so by law or regulation and is required to destroy the information after its stated need has been fulfilled. If you are not the intended recipient, you are hereby notified that any disclosure, copying, distribution, or action taken in reliance on the contents of these documents is STRICTLY PROHIBITED by federal law. If you have received this information in error, please notify the sender immediately and arrange for the return or destruction of these documents.

Pelican Harbor Marina

Address: 1275 NE 79th St, Miami, FL 33138

Facility ID: 8504337; Discharge ID: 11996

SPILL BUCKET REPLACEMENT REPORT

**Pelican Harbor Marina
1275 NE 79th Street
Miami, Florida
FDEP Facility ID No. 138504337**

Submitted to:

**Florida Department of Environmental Protection
2600 Blair Stone Road
Tallahassee, Florida**

On behalf of:

**Miami-Dade County Parks, Recreation and Open Spaces
275 NW 2nd Street, 4th Floor
Miami, Florida 33128**

Submitted by:

**Cherokee Enterprises, Inc.
12981 NW 113th Court
Medley, Florida 33178**

CEI Project No. 70734.1

December 13, 2021

Reporting Author



**Charles Overstreet
Project Geologist**

Reviewer



**Jorge L. Azconegui, P.E.
Project Manager**

Table of Contents

1.0	INTRODUCTION.....	1
1.1	Purpose and Scope	1
2.0	SPILL BUCKET REPLACEMENT PROCEDURES	2
2.1	Spill Bucket Replacement Permitting and Quality Assurance.....	2
2.2	Utility Clearance	2
2.3	Excavation and Physical Removal	2
2.4	Site Restoration	2
3.0	CLOSURE ASSESSMENT SAMPLING	3
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FIGURES

Figure F-1	Overall Site Plan
Figure F-2	Proposed Site Plan

TABLES

Table 1	OVA Readings Data Summary
Table 2	Soil Analytical Data Summary

APPENDICES

Appendix A	Spill Bucket Replacement Permits
Appendix B	Photographic Log
Appendix C	Soil Analytical Report and Chain of Custody Record

1.0 INTRODUCTION

1.1 Purpose and Scope

This Spill Bucket Replacement Report (SBRR) was prepared to document the replacement of damaged spill buckets and the associated environmental assessment activities undertaken by Cherokee Enterprises, Inc. (CEI) for one double-walled, fiberglass constructed, 10,000-gallon diesel fuel underground storage tank (UST); and one double-walled, fiberglass constructed, 10,000-gallon unleaded gasoline UST which are located at the Pelican Harbor Marina, addressed as 1275 NE 79th Street, Miami, Miami-Dade County, Florida, hereinafter referred to as “Site.” The former spill buckets were replaced due to failing the visual and hydrostatic inspection performed by another contractor. The USTs are registered with the Florida Department of Environmental Protection (FDEP) as ID No. 13/8504337. The USTs and associated piping provide fuel to the dispensers located along the docks. **Figure F-1** illustrates the location of the USTs in relation to the Site. **Figure F-2** illustrates the scope of work associated with the spill bucket replacement.

CEI adhered to the following codes and guidelines during replacement of the spill bucket:

- Chapters 62-761, 62-780 and 62-777 of the Florida Administrative Code (FAC);
- Recommended Practice No. 1604 of the American Petroleum Institute (API);
- Standard No. 30 of the National Fire Prevention Association (NFPA);
- *Instructions for Conducting Sampling During Underground Storage Tanks Closure* as published in July 2019 by the FDEP; and
- FDEP Standard Operating Procedures for Field Activities (DEP-SOP-001/01).

2.0 SPILL BUCKET REPLACEMENT PROCEDURES

2.1 Spill Bucket Replacement Permitting and Quality Assurance

Regulatory notification to the FDEP was satisfied by contacting the local contracted agency, the Miami-Dade County Department of Regulatory and Economic Resources. A copy of the permit to replace the spill buckets is included in **Appendix A**.

All work was performed within the authority granted to CEI pursuant to Chapter 489, Part One F.S. under its State of Florida Pollutant Storage System Contractors License, No. PCC056813. Site work was conducted at the direction of the licensee, Mr. Alejandro Sanchez.

2.2 Utility Clearance

Prior to the replacement of the spill buckets, an underground utility clearance was completed through the Sunshine State-One-Call Service whereby they marked the underground utilities in the vicinity of the USTs.

2.3 Excavation and Physical Removal

In October 2021, CEI representatives mobilized to the site to remove the existing spill buckets and replace them with new spill buckets. CEI saw cut and broke out two approximate four foot by four foot areas of the existing concrete pad around each spill bucket. The spill buckets were removed and replaced with new 5-gallon double wall, stainless steel constructed, EMCO Wheaton Model A1005-518G model spill buckets. Photographic documentation of the spill bucket replacement is included in **Appendix B**.

2.4 Site Restoration

The work areas were backfilled with previously excavated pea rock upon completion of the replacement of the two spill buckets. Rebar was constructed in the two areas around the spill buckets and 3,000 psi concrete was poured to match the existing grade.

3.0 CLOSURE ASSESSMENT SAMPLING

3.1 Visual Inspection Methodology

During replacement of each spill bucket, the area around the spill bucket was subjected to a visual inspection to observe for signs of staining or discoloration to the soil associated with a petroleum fuel release. No staining or discoloration was observed during the spill buckets replacement activities. The following sections describe the soil assessment activities.

3.2 Soil Investigation Methodology and OVA Field Screening Results

CEI collected pea rock samples around each spill bucket area for organic vapor analyzer (OVA) field screening. Sample collection and screening were conducted in accordance with FDEP's Standard Operating Procedures for Field Activities (DEP-SOP-001/01).

Upon removal of the concrete around each spill buckets, OVA screening was performed. Pea rock samples were collected from each cardinal side of the spill buckets and approximately one foot below the spill buckets.

Pea rock samples were screened via headspace analysis, for both hydrocarbon vapors and background levels of methane gas that can occur as a product of the decomposition of organic materials. A Thermo TVA-1000 dual flame ionization detector/photo ionization detector, OVA was used in accordance with Chapter 62-780.200, FAC. Each sample was split into two portions, and placed into 8-ounce mason jars. Each jar, half filled with soil, was then covered tightly with aluminum foil. The soil samples were allowed to stabilize for approximately five minutes before screening occurred. Total organic vapors were measured by inserting an unfiltered intake probe through the aluminum foil seal to measure the soil gas headspace in the first jar. Methane concentration was measured by introducing an in-line granular activated carbon-filtered intake probe through the aluminum foil into the headspace of the second jar. The activated carbon filter adsorbs all organic vapors except for methane. The hydrocarbon vapor concentration was determined by subtracting the filtered reading from the unfiltered reading.

The OVA field screening data indicated the collected pea rock samples were below 10 parts per million at each of the spill bucket locations. A summary of the OVA field screening results are provided in **Table 1**. Based on visual observations and the field screened OVA results, the soil samples were collected for laboratory analyses from approximately one foot below each spill bucket.

3.3 Soil Laboratory Results

On October 6, 2021, CEI collected soil samples from approximately one foot below each spill bucket. The soil samples were stored on wet ice, and submitted to a state-certified laboratory (Pace Analytical Services, Inc.) under chain-of-custody procedures. The collected soil samples were submitted for analyses of Volatile Organic Aromatics (VOAs) via EPA Method 8260B, Polynuclear Aromatic Hydrocarbons (PAHs) via EPA Method 8270 and Total Petroleum Recoverable Hydrocarbons (TRPHs) via the FL-Pro Method.

The analytical results indicated that the soil samples collected, on October 6, 2021, were below the FDEP's Soil Cleanup Target Levels (SCTLs) listed in Table II, Chapter 62-777, FAC, for the parameters analyzed.

Soil laboratory analytical results from the October 6, 2021, sampling event are summarized in **Table 2**. The laboratory analytical report and Chain of Custody record are provided in **Appendix C**.

4.0 CONCLUSIONS AND RECOMMENDATIONS

In October through November 2021, CEI replaced two existing spill buckets with new spill buckets. CEI saw cut and broke out two approximate four foot by four foot areas of the existing concrete pad around the spill buckets. The spill buckets were removed and replaced with new 5-gallon double wall, stainless steel constructed, EMCO Wheaton Model A1005-518G model spill buckets. During replacement of each spill bucket, the area around the spill bucket was subjected to a visual inspection to observe for signs of staining or discoloration to the soil associated with a petroleum fuel release. No staining or discoloration was observed during the spill buckets replacement activities.

The OVA field screening data indicated the collected pea rock samples were below 10 parts per million at each of the spill bucket locations. Based on visual observations and the field screened OVA results, the soil samples were collected for laboratory analyses from approximately one foot below each spill bucket.

The analytical results indicated that the soil samples collected, on October 6, 2021, were below the FDEP's Soil Cleanup Target Levels (SCTLs) listed in Table II, Chapter 62-777, FAC, for the parameters analyzed.

Based on the visual and olfactory site observations and collected soil data obtained as part of this SBRR, CEI concludes that the two former spill bucket areas were not adversely affected by petroleum products. CEI recommends no further environmental assessment associated with the spill bucket replacement activities.

5.0 REFERENCES

- 1) Florida Administrative Code. *Chapter 62-761 Underground Storage Tank Systems*. October 13, 2019.
- 2) Florida Administrative Code. *Chapter 62-780 Petroleum Contamination Site Cleanup Criteria*. February 2, 2017.
- 3) Florida Administrative Code. *Chapter 62-777 Contaminant Cleanup Target Levels*. April 17, 2005.
- 4) Florida Department of Environmental Protection, Bureau of Petroleum Storage Systems Petroleum Cleanup Program. *Standard Operating Procedures PCS-004 Soil Assessment and Sampling Methods for Florida Bureau of Petroleum Storage System Sites*. October 1, 2001.
- 5) Florida Department of Environmental Protection, Division of Waste Management, Bureau of Petroleum Storage Systems. *Standard Operating Procedures for Field Activities (DEP-SOP-001/01)*. April 16, 2018.
- 6) Florida Department of Environmental Protection, Division of Waste Management, Bureau of Petroleum Storage Systems, Storage Tank Regulation Section. *Storage Tank System Closure Assessment Requirements*. April 1998.
- 7) Florida Department of Environmental Protection, Division of Waste Management, Bureau of Petroleum Storage Systems, Storage Tank Regulation Section. *Instructions for Conducting Sampling During Underground Storage Tank Closure*. July 2019.

Figures





OVERALL SITE PLAN
NTS

3/16/21 JLA
N:\PROJECTS\MIAMI-DADE PARKS DEPT\FUEL SITE REPAIRS FOR MULTIPLE LOCATIONS\04 DRAWINGS & SPECS\02 CONSTRUCTION DRAWINGS\PELICAN HARBOR MARINA\SPILL BUCKETS REPLACEMENT_PH.DWG

No.	Date	Revisions	Init

THIS DRAWING IS THE PROPERTY OF CHEROKEE ENTERPRISES, INC. AND MAY NOT BE REPRODUCED OR ALTERED IN WHOLE OR IN PART WITHOUT THE EXPRESS WRITTEN PERMISSION OF CHEROKEE ENTERPRISES, INC.

No.	Date	Revisions	Init

Project Mgr. JORGE L. AZCONEGUI, P.E.
 Designed by JORGE L. AZCONEGUI, P.E.
 Drawn by JORGE L. AZCONEGUI, P.E.
 Checked by JORGE L. AZCONEGUI, P.E.
 Prof. Eng. ALEX SANCHEZ, P.E.
 PE License #54697

CEI 12981 NW 113TH CT.
MEDLEY, FLORIDA 33178

FLORIDA CERTIFICATE OF AUTHORIZATION NUMBER # 8149

MIAMI DADE PARKS - PELICAN HARBOR MARINA
 UNDERGROUND SPILL BUCKETS REPLACEMENT
 1275 NE 79TH STREET
 MIAMI - FL - 33147

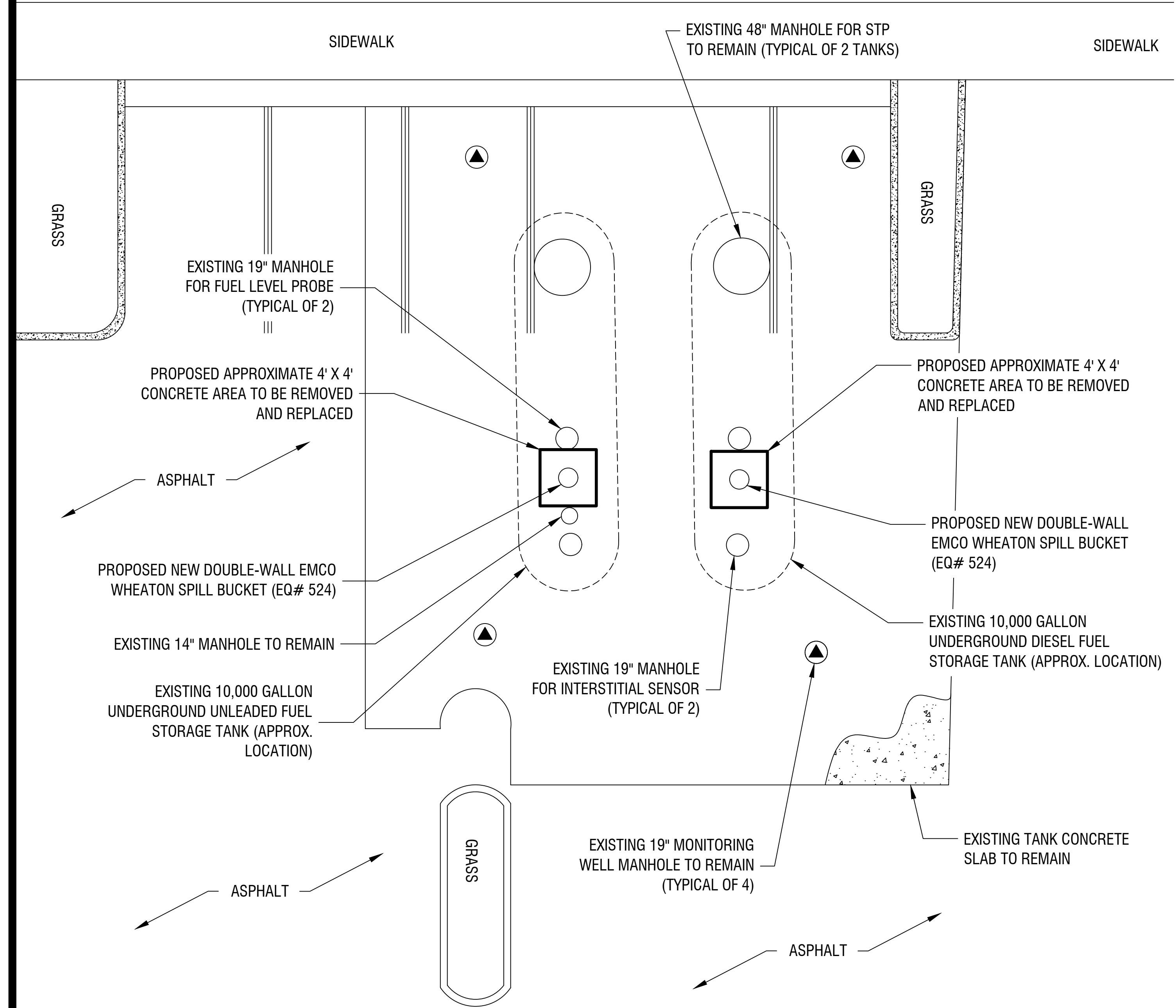
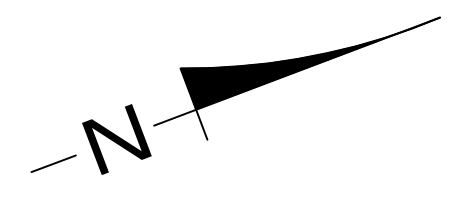
OVERALL SITE PLAN

File Number
Project: 70734.1

Date
MARCH 2021

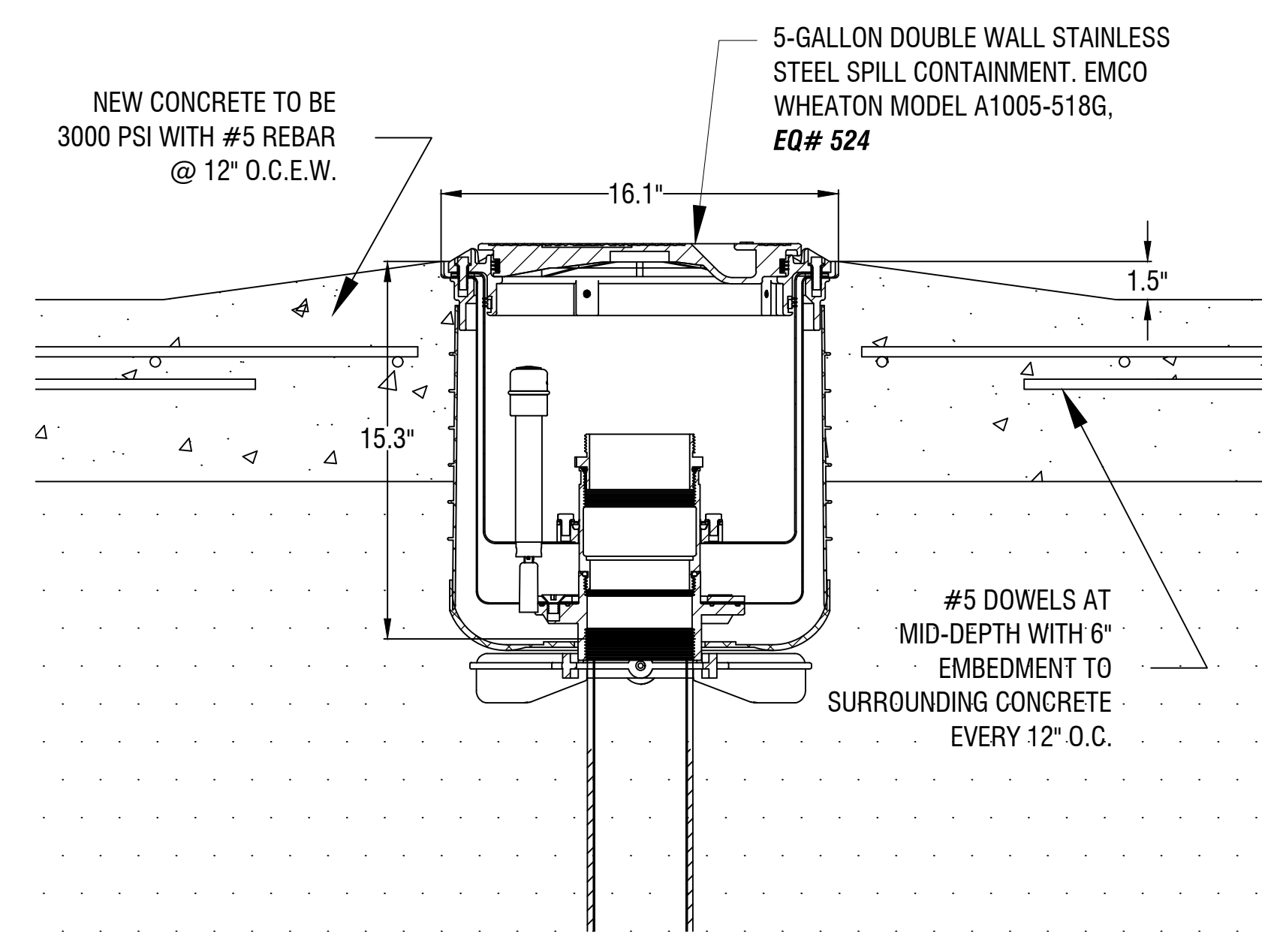
Cherokee Enterprises, Inc.
12981 NW 113th Ct.
Medley, FL 33178
305-828-3883

F-1



PROPOSED SITE PLAN
SCALE: $\frac{1}{16}'' = 1'-0''$

NOTE: EXCAVATIONS WILL BE PROTECTED WITH BARRICADES AND CAUTION TAPE.



DOUBLE-WALL SPILL BUCKET DETAIL
SCALE: NTS

- STRUCTURAL NOTES:**
- CONCRETE SLAB TO HAVE 28 DAY COMPRESSIVE STRENGTH:
 $f_c = 3,000$ psi
 - REINFORCEMENT TO COMPLY WITH ASTM A-615 WITH A MINIMUM YIELD POINT:
 $f_y = 60$ ksi
 - ALL WORK TO COMPLY WITH THE FLORIDA BUILDING CODE 2010 EDITION.
 - THE FOLLOWING MINIMUM CONCRETE COVER WILL BE PROVIDED FOR REINFORCEMENT:
 - CONCRETE CAST AGAINST AND PERMANENTLY EXPOSED TO EARTH - 3 in.
 - CONCRETE EXPOSED TO WEATHER No. 5 BAR AND SMALLER - 2 in. (MIN.)
 - ALL EXPOSED CONCRETE CORNERS TO HAVE 3/4" CHAMFER.
 - CONSTRUCTION OF SLABS TO BE MADE IN ACCORDANCE WITH ACI REQUIREMENTS.
 - INSPECTION OF REINFORCED CONCRETE TO BE PERFORMED IN ACCORDANCE WITH ACI 311.
 - FINISH FOR CONCRETE SLAB TO BE BROOM FINISH.
 - CONTRACTOR TO VERIFY FIELD ELEVATIONS PRIOR TO POURING OF CONCRETE SLAB AND ENSURE PROPER DRAINAGE IN SURROUNDING AREAS.

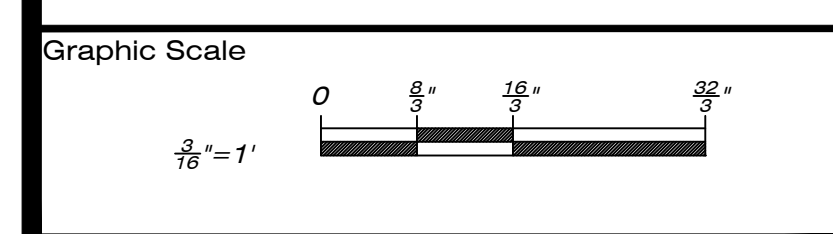
SCOPE OF WORK

- PREPARE SIGNED & SEALED PERMIT DRAWINGS FOR SUBMITTAL TO THE CITY OF MIAMI BUILDING DEPARTMENT AND THE MIAMI-DADE DEPARTMENT OF REGULATORY AND ECONOMIC RESOURCES (RER).
- OBTAIN SUNSHINE ONE CALL PUBLIC UTILITY CLEARANCE IN THE AREA OF THE SPILL BUCKETS TO BE REPLACED.
- MOBILIZE TO THE SITE, SAWCUT, BREAK CONCRETE SLAB, AND UNCOVER TANK TOP ONLY AS REQUIRED TO INSTALL NEW TANK SPILL BUCKETS FOR THE EXISTING UNLEADED GASOLINE AND THE DIESEL UNDERGROUND STORAGE TANKS (UST).
- SOFT DIG, REMOVE, AND PROPERLY SET ASIDE ALL SOILS TO BE RE-USED AS BACKFILL ONCE THE NEW SPILL BUCKETS ARE INSTALLED. PROPERLY REMOVE AND DISPOSE OF EXISTING SPILL BUCKETS.
- PERFORM SOIL SCREENINGS (ORGANIC VAPOR ANALYZERS - OVA) AS REQUIRED FOR THE REPLACEMENT OF THE SPILL BUCKETS AND AS NEEDED FOR PREPARATION OF A LIMITED SUMMARY REPORT FOR RER.
- COLLECT ONE SOIL SAMPLE FROM EACH EXCAVATION AND TAKE TO THE LABORATORY FOR ANALYSIS. TWO (2) SOIL SAMPLES INCLUDED.
- FURNISH AND INSTALL TWO (2) NEW DOUBLE-WALL EMCO WHEATON SPILL BUCKETS.
- BACKFILL EXCAVATION WITH EXCAVATED MATERIALS. IT IS ASSUMED THAT APPROVED MATERIALS WERE USED FOR BACKFILL, SUCH AS PEAGRAVEL, FOR THE ORIGINAL INSTALLATION OF THE UST.
- POUR, PLACE, AND FINISH AN APPROXIMATE 4' x 4' CONCRETE TANK SLABS WITH #5 REBAR, 3000 PSI COMPRESSIVE STRENGTH CONCRETE AND #5 REBAR DOWELED TO THE EXISTING SURROUNDING CONCRETE SLABS.
- PERFORM A VACUUM TEST ON BOTH OF THE NEW DOUBLE-WALL SPILL BUCKETS.
- REMOVE AND DISPOSE OF UNCONTAMINATED CONSTRUCTION DEBRIS.
- OBTAIN REGULATORY INSPECTIONS (BUILDING DEPARTMENT & RER).

GENERAL NOTES:


- THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR INITIATING, MAINTAINING AND SUPERVISING ALL SAFETY PRECAUTIONS AND PROGRAMS IN CONNECTION WITH THE WORK. HE SHALL TAKE ALL NECESSARY PRECAUTIONS FOR THE SAFETY OF, AND SHALL PROVIDE ALL THE NECESSARY PROTECTION TO PREVENT THE DAMAGE OF, INJURY TO, OR LOSS OF ALL EMPLOYEES ON THE WORK SITE AND TO ANY OTHER PERSONS THAT MAY BE AFFECTED THEREBY.
- THE CONTRACTOR SHALL COMPLY WITH ALL APPLICABLE OSHA GUIDELINES, LAWS, ORDINANCES, RULES, REGULATIONS AND ORDERS OF PUBLIC BODIES HAVING JURISDICTION FOR THE SAFETY OF PERSONS OR PROPERTY OR TO PROTECT THEM FROM DAMAGE, INJURY OR LOSS. HE SHALL ERECT AND MAINTAIN AS REQUIRED BY THE CONDITIONS AND THE PROGRESS OF THE WORK, ALL NECESSARY SAFEGUARDS FOR EMPLOYEE SAFETY AND PROTECTION.
- CONTRACTORS SHALL FURNISH AND PLACE PROPER GUARDS FOR PREVENTION OF ACCIDENTS, PROVIDE ALL TRENCH SHORING, SCAFFOLDING, SHIELDING, DUST PROTECTION, MECHANICAL PROTECTION, SPECIAL GROUNDING, SAFETY RAILINGS, BARRIERS, OR OTHER SAFETY FEATURES REQUIRED TO SECURE SAFETY OF LIFE AND PROPERTY.
- THE WORK SHALL BE SUBJECT TO INSPECTION BY LOCAL AUTHORITIES HAVING JURISDICTION, AND ALL WORK SHALL PASS SUCH INSPECTION.
- INSTALL EQUIPMENT IN A NEAT AND WORKMANLIKE MANNER; ALIGN, LEVEL AND ADJUST FOR SATISFACTORY OPERATION; INSTALL SO THAT PARTS ARE EASILY ACCESSIBLE FOR INSPECTION, OPERATION, MAINTENANCE AND REPAIR. DEVIATIONS FROM INDICATED ARRANGEMENTS ARE SUBJECT TO REVIEW AND APPROVAL FROM THE ENGINEER PRIOR TO INSTALLATION.

3/16/21 JLA
N:\PROJECTS\MIAMI-DADE PARKS DEPT\FUEL SITE REPAIRS FOR MULTIPLE LOCATIONS\04 DRAWINGS & SPECS\02 CONSTRUCTION DRAWINGS\PELICAN HARBOR MARINA\SPILL BUCKETS REPLACEMENT_PH.DWG



No.	Date	Revisions	Init

Project Mgr. JORGE L. AZCONEGUI, P.E.
 Designed by JORGE L. AZCONEGUI, P.E.
 Drawn by JORGE L. AZCONEGUI, P.E.
 Checked by JORGE L. AZCONEGUI, P.E.
 Prof. Eng. ALEX SANDOZ, P.E.
 PE License #54637



12981 NW 113TH CT.
MEDLEY, FLORIDA 33178

FLORIDA CERTIFICATE OF AUTHORIZATION NUMBER # 8149

**MIAMI DADE PARKS - PELICAN HARBOR MARINA
UNDERGROUND SPILL BUCKETS REPLACEMENT**
 1275 NE 79TH STREET
 MIAMI - FL - 33147
PROPOSED SITE PLAN

File Number
Project: 70734.1
 Date
MARCH 2021
 Cherokee Enterprises, Inc.
 12981 NW 113th CT.
 Medley, FL 33178
 305-828-3353

Tables



Table 1
OVA RESULTS - NORTH SPILL BUCKET

Pelican Harbor
1275 NE 79th Street, Miami, FL
FDEP ID: 8504337

Soil Sample Location	Depth Interval (ft BLS)	Unfiltered OVA reading (ppm)	Filtered OVA reading (ppm)	Net OVA reading (ppm)
North Wall	0 - 1	1.0	0.0	1.0
	1 - 2	1.0	0.0	1.0
	2 - 4	1.0	0.0	1.0
East Wall	0 - 1	1.0	0.0	1.0
	1 - 2	2.0	0.0	2.0
	2 - 4	3.0	0.0	3.0
South Wall	0 - 1	1.0	0.0	1.0
	1 - 2	1.0	0.0	1.0
	2 - 4	2.0	0.0	2.0
West Wall	0 - 1	1.0	0.0	1.0
	1 - 2	2.0	0.0	2.0
	2 - 4	1.0	0.0	1.0

Notes:

- ft BLS = feet below land surface
- OVA = organic vapor analyzer
- ppm = parts per million
- OVA readings collected 12/10/2020

Table 1 - Continued
OVA RESULTS - SOUTH SPILL BUCKET

Pelican Harbor
 1275 NE 79th Street, Miami, FL
 FDEP ID: 8504337

Soil Sample Location	Depth Interval (ft BLS)	Unfiltered OVA reading (ppm)	Filtered OVA reading (ppm)	Net OVA reading (ppm)
North Wall	0 - 1	1.0	0.0	1.0
	1 - 2	2.0	0.0	2.0
	2 - 4	1.0	0.0	1.0
East Wall	0 - 1	1.0	0.0	1.0
	1 - 2	1.0	0.0	1.0
	2 - 4	1.0	0.0	1.0
South Wall	0 - 1	1.0	0.0	1.0
	1 - 2	2.0	0.0	2.0
	2 - 4	1.0	0.0	1.0
West Wall	0 - 1	1.0	0.0	1.0
	1 - 2	1.0	0.0	1.0
	2 - 4	3.0	0.0	3.0

Notes:

- ft BLS = feet below land surface
- OVA = organic vapor analyzer
- ppm = parts per million
- OVA readings collected 12/10/2020

Table 2

Spill Bucket Replacement Report
 Pelican Harbor
 1275 NE 79th Street
 Miami, Florida

Sample Location	Table II, Ch. 62-777 FAC Soil Cleanup Target Levels			Units	SB-N	SB-S
	Leachability Based on Groundwater Criteria	Direct Exposure Residential	Direct Exposure Commercial / Industrial		10/06/2021	10/06/2021
EPA 8260						
1,2-Dichlorobenzene	17	880	5,000	mg/kg	0.0016 U	0.0010 U
1,3-Dichlorobenzene	7	380	2,200	mg/kg	0.0019 U	0.0012 U
1,4-Dichlorobenzene	2.2	6.4	9.9	mg/kg	0.0014 U	0.00091 U
Benzene	0.007	1.2	1.7	mg/kg	0.0020 U	0.0014 U
Chlorobenzene	1.3	120	650	mg/kg	0.0019 U	0.0013 U
Ethylbenzene	0.6	1,500	9,200	mg/kg	0.0024 U	0.0016 U
Methyl-tert-butyl ether	0.09	4,400	24,000	mg/kg	0.0031 U	0.0020 U
Toluene	0.5	7,500	60,000	mg/kg	0.0017 U	0.0011 U
Xylene (Total)	0.2	130	700	mg/kg	0.0105 U	0.0070 U
m&p-Xylene				mg/kg	0.0105 U	0.0070 U
o-Xylene				mg/kg	0.0053 U	0.0035 U
EPA 8270						
1-Methylnaphthalene	3.1	200	1,800	mg/kg	0.0087 U	0.0061 U
2-Methylnaphthalene	8.5	210	2,100	mg/kg	0.0083 U	0.0057 U
Acenaphthene	2.1	2,400	20,000	mg/kg	0.025 U	0.017 U
Acenaphthylene	27	1,800	20,000	mg/kg	0.0083 U	0.0057 U
Anthracene	2,500	21,000	300,000	mg/kg	0.0072 U	0.0050 U
Benzo(a)anthracene	0.8			mg/kg	0.062	0.050
Benzo(a)pyrene	8	0.1	0.7	mg/kg	0.098	0.072
Benzo(b)fluoranthene	2.4			mg/kg	0.13	0.099
Benzo(g,h,i)perylene	32,000	2,500	52,000	mg/kg	0.11	0.075
Benzo(k)fluoranthene	24			mg/kg	0.058	0.042
Chrysene	77			mg/kg	0.081	0.067
Dibenz(a,h)anthracene	0.7			mg/kg	0.022 I	0.0084 U
Fluoranthene	1,200	3,200	59,000	mg/kg	0.088	0.091
Fluorene	160	2,600	33,000	mg/kg	0.019 U	0.013 U
Indeno(1,2,3-cd)pyrene	6.6			mg/kg	0.083	0.061
Naphthalene	1.2	55	300	mg/kg	0.019 U	0.013 U
Phenanthrene	250	2,200	36,000	mg/kg	0.011 I	0.016 I
Pyrene	880	2,400	45,000	mg/kg	0.082	0.080
FL-PRO						
Petroleum Range Organics	340	460	2,700	mg/kg	13.1	5.6 U

Notes:

- {BOLDDED CONCENTRATION} exceeds its residential direct exposure limit established in Table 2 of Chapter 62-777, FAC.
- {BOLDDED ITALICIZED CONCENTRATION} exceeds its commercial direct exposure limit established in Table 2 of Chapter 62-777, FAC.
- {BOLDDED ITALICIZED CONCENTRATION} with an ** beside it exceeds its leachability limit established in Table 2 of Chapter 62-777, FAC.
- "U" flag indicates concentration was below the method detection limit (MDL).
- "I" flag indicates concentration was between the MDL and practical quantitation limit (PQL).

Appendix A

Spill Bucket Replacement Permit





BUILDING PERMIT

Applicant: **Millan,Erick** Permit Number: **BD21005572001MA001**

Contractor: **Cherokee Enterprises Inc./ Sanchez, Alejandro E.** Job Address: **1275 79 STCS**

Certificate Required: **None** Folio Number: **132080310020**

Additional Property Info: Date Issued: **April/09/2021**

Governing code: **FBC 7th Edition (2020)**

Job Category: **STAND-ALONE/
MECHANICAL**

Job Description: **GAS / DIESEL TANK
REMOVAL OR
INSTALLATION**

Estimated Cost: **\$21,500.00**

NOTICE: In addition to the requirements of this permit, there may be additional restrictions applicable to this property that may be found in the public records of this county, and there may be additional permits required from other governmental entities such as water management districts, state agencies, or federal agencies.

NOTICE: This card **MUST BE DISPLAYED PROMINENTLY** at the front entrance of the premises (or other location acceptable to the building official) for the duration of the work in progress under this permit.

WARNING TO OWNER:

YOUR FAILURE TO RECORD A NOTICE OF COMMENCEMENT MAY RESULT IN YOUR PAYING TWICE FOR THE IMPROVEMENTS TO YOUR PROPERTY. A NOTICE OF COMMENCEMENT MUST BE RECORDED AND POSTED ON THE JOB SITE BEFORE THE FIRST INSPECTION. IF YOU INTEND TO OBTAIN FINANCING, YOU SHOULD CONSULT WITH YOUR LENDER OR AN ATTORNEY BEFORE RECORDING YOUR NOTICE OF COMMENCEMENT.



City of Miami
BUILDING DEPARTMENT

Building Permit Instructions

LIMITATIONS OF THIS PERMIT: This permit does NOT cover the installation of electrical, Plumbing, Roofing, Boiler, Elevator or Mechanical work. Separate permits must be obtained from the proper sections before starting work involving these installations.

ADDITIONAL PERMITS: The issuance of this permit does not authorize the installation of work such as boilers, pressure vessels, wells, septic tanks, paving, relocating structures, installation of signs, awnings, etc.

MECHANIC'S LIEN LAW: Failure to comply with the mechanic's lien law can result in the property owner paying twice for building improvements. If the cost of this project is \$2,500 or more, you must file a Notice of Commencement (form is attached) with the clerk of county Courts.

CERTIFICATES: If your building requires a Certificate of Occupancy it may NOT be occupied until the Building final inspection is approved, and a certificate is issued.

CONTRACTOR'S RESPONSIBILITIES: Building permits shall expire 180 days from the date of issuance if the work permitted thereunder has not been commenced. Such permit shall also expire if the building or work authorized by such permit if suspended or abandoned for a period of 180 days after work commences or from the date of the last inspection. The permit holder shall be responsible for advancing the progress of the work so as to avoid expiration of this permit. The permit may be kept active by obtaining an approved inspection: note that a partially approved inspection will not suffice. Approved plans must be maintained on the job at all times.

POSTING REQUIREMENT: The permit card must be posted in a conspicuous place at or near the main entrance to the new building (or area of construction) and must be available to the building inspector at all times.

To Schedule Inspections By Telephone:

BUILDING DEPARTMENT 305-416-1100

Structural & Building inspections
Electrical inspections
Mechanical inspections
Plumbing inspections

CODE COMPLIANCE OFFICE

Zoning inspections - North Office **305-329-4820**
Central Office **305-329-4800**
SW Office **305-329-4770**
SE Office **305-416-2137**

FIRE DEPARTMENT 305-416-1600

PUBLIC WORKS DEPARTMENT 305-416-1200

NOTE: Inspections will be made on the following workday whenever possible.

NOTICE OF COMMENCEMENT

(A RECORDED COPY MUST BE POSTED ON THE JOB SITE AT THE TIME OF FIRST INSPECTION)

Permit No: _____ Tax Folio No: _____

STATE OF FLORIDA:

COUNTY OF MIAMI-DADE:

THE UNDERSIGNED hereby gives notice that improvements will be made to certain real property, and in accordance with Chapter 713, Florida Statutes, the following information is provided in this Notice of Commencement.

This space is reserved for the recording office.

1. Legal description of the property and street address: _____
2. Description of improvement: _____
3. Owner's name and address: _____
Interest in property: _____
Name and address of fee simple titleholder: _____
4. Contractor's name, address and phone number: _____
5. Surety: (Payment bond required by owner from contractor, if any) _____
6. Lender's name and address: _____
7. Persons within the State of Florida designated by the Owner upon whom notices or other documents may be served as provided by Section 713.13(1)(a)7, Florida Statutes, Name, address and phone number: _____
8. In addition to himself, Owner designates the following person(s) to receive a copy of the Lienor's Notice as provided in Section 713.13(1)(b), Florida Statutes. Name, address and phone number _____
9. Expiration date of this Notice of Commencement: _____
(The expiration date is 1 year from the date of recording unless a different date is specified)

WARNING TO OWNER: ANY PAYMENTS MADE BY THE OWNER AFTER THE EXPIRATION OF THE NOTICE OF COMMENCEMENT ARE CONSIDERED IMPROPER PAYMENTS UNDER CHAPTER 713, PART I, SECTION 713.13. FLORIDA STATUTES, AND CAN RESULT IN YOUR PAYING TWICE FOR IMPROVEMENTS TO YOUR PROPERTY. A NOTICE OF COMMENCEMENT MUST BE RECORDED AND POSTED ON THE JOB SITE BEFORE THE FIRST INSPECTION. IF YOU INTEND TO OBTAIN FINANCING, CONSULT WITH YOUR LENDER OR AN ATTORNEY BEFORE COMMENCING WORK OR RECORDING YOUR NOTICE OF COMMENCEMENT.

Signature(s) of Owner(s) or Owner(s)' Authorized Officer/Director/Partner/Manager:

Prepared by: _____	Prepared by: _____
Print Name: _____	Print Name: _____
Title/Office: _____	Title/Office: _____

STATE OF FLORIDA:

COUNTY OF MIAMI-DADE:

The foregoing instrument was acknowledged before me this _____ day of _____ 20____ .
by _____

- Individually, or as _____ for _____
- Personally known, or produced the following type of identification: _____

Signature of Notary Public: _____ Print Name: _____ (SEAL)

VERIFICATION PURSUANT TO SECTION 92.525, FLORIDA STATUTES

Under penalties of perjury, I declare that I have read the foregoing and that the facts stated it are true, to the best of my knowledge and belief.

Signature(s) of Owner(s) or Owner(s)' Authorized Officer/Director/Partner/Manager who signed above:

By: _____ By: _____

This instrument prepared by:

Name: _____

Address: _____

NOTICE OF TERMINATION
(of Notice of Commencement)

This space is reserved for the recording office.

STATE OF FLORIDA:

COUNTY OF MIAMI-DADE:

The undersigned hereby gives notice that the effective period of that certain Notice of Commencement dated_____, recorded in O.R. Book / Page _____ / _____ of the Public Records of Miami-Dade County, Florida, will terminate; and, in accordance with Section 713.132, Florida Statutes, the following information is provided:

1. The date and recording information for the Notice of Commencement being terminated are as described above, and all information contained therein is hereby expressly incorporated in this NOTICE OF TERMINATION.
2. The Notice of Commencement shall be terminated as of _____, or 30 days from the recording date of this Notice of Termination, whichever date is later.
3. This Notice of Termination applies to:
 - all the real property subject to the above described Notice of Commencement.
 - only to the portion of such real property described as:

4. All lienors have been paid in full or prorated in accordance with Section 713.06(4), Florida Statutes.
5. A copy of this notice has been served on the contractor and on each lienor who has given notice, if any.

Owner Signature _____ Owner Signature _____

Print Name _____ Print Name _____

SWORN TO AND SUBSCRIBED before me this _____ day of _____ 20____.

by _____.

Personally known to me, or produced _____ as identification.

Notary Signature: _____

Print Notary's Name: _____

(SEAL)

Exhibit attached:

- Contractor's Final Payment Affidavit
- Property Legal Description
- Copy of Notice of Commencement

RELEASE OF LIEN AND AFFIDAVIT

1. The undersigned contractor, for an in consideration of the payments of the sum of _____ paid by receipt of which is hereby acknowledged, hereby releases and quit claims to _____, the owner of the hereinafter described property, all liens, lien rights, claims or demands of any kind whatsoever, which the undersigned now has to might have against the building located on, or premises legally described as:

This space is reserved for the recording office.

on account of labor performed and/or materials furnished for the construction of any such improvement on said premises.

2. All labor and materials used by the undersigned in the erection of said improvements have been paid in full, except as follows: _____

3. All lienors furnishing labor, services or materials for said improvements have been paid in full, except as follows: _____

4. This instrument is executed and delivered to the owner in compliance with Chapter 713, Florida Statutes.

5. The undersigned contractor does hereby consent to the payment by the owner of all lienors giving notice and those lienors above named.

IN WITNESS WHEREOF, I have hereunto set my hand and seal this _____ day of _____, 20____.

Witnesses:

1. _____ (SEAL)
_____ (Contractor)

2. _____
_____ (President)

STATE OF FLORIDA:

COUNTY OF MIAMI-DADE:

I hereby acknowledge that the statements contained in the foregoing Release of Lien and Affidavit are true and correct. Sworn to and subscribed before me this _____ day of _____, 20____.

Notary Public: _____

Print Notary's Name: _____

My Commission Expires: _____



WARNING TO OWNER

Florida's Construction Lien Law (Chapter 713, Part One, Florida Statutes) requires the recording with the Clerk of the Courts a Notice of Commencement for real property improvements greater than \$2,500.00. However, it does not apply to the repair or replacement of an existing heating or air conditioning system less than \$7,500.00 in value. This notice must be signed by you, the property owner.

Under Florida law, those who work on your property or provide materials and are not paid, have a right to enforce their claim for payment against your property. This claim is known as a construction lien.

NOTE: If you signed as the Owner's agent, you are responsible for delivering this information to the Owner of the property.

YOU MUST FILE A NOTICE OF COMMENCEMENT

For your protection under the Construction Lien Law and to avoid the possibility of paying twice for improvements to real property, you must record a Notice of Commencement in the Clerk of the Court's Office. You also must provide a certified copy of the recorded document at the construction site. The Notice of Commencement must be signed by you, the owner contracting the improvements, and not by your agent.

The Notice of Commencement form, provided with this information packet, must be completed and recorded within 90 days before starting the work. A copy of the payment bond, if any is required by you and purchased by the contractor, must be attached as part of the Notice of Commencement when recorded.

If improvements described in the Notice of Commencement are not actually started within 90 days after the recording of the Notice, a new Notice of Commencement must be recorded.

You lose your protection under the Construction Lien Law if the payments are made to the contractor after the expiration of the Notice of Commencement. The Notice is good for one year after the recording date or up to the date specified under item nine of the form.

Florida law requires the City of Miami Building Department to be a second source of information concerning the improvements made on real property. The Building Permit application and documents include information on the construction lender and the contractor's surety, if any. This application requires your signature or your agent's, to inform you of the Construction Lien Law.

YOU MUST POST THE NOTICE OF COMMENCEMENT AT THE JOB SITE

By law, the City of Miami Building Department is required to verify at the first inspection, after the building permit is issued, that a certified copy of the recorded Notice of Commencement, with attached bonds if any, is posted at the construction site. Failure to show the inspector a certified copy of the recorded Notice will result in a disapproved inspection, (Florida Statute 713.135(1)(d)).

NOTICE TO OWNER FROM SUBCONTRACTORS AND SUPPLIERS

You may receive a Notice to Owner from subcontractors and material suppliers. This notice advises you that the sender is providing services or materials. Subcontractors and suppliers must serve a Notice to Owner within 45 days of commencing work to preserve their ability to lien your property.

If your address changes from that given in the Notice of Commencement, you should record a corrected Notice reflecting your current address. This is done to help ensure you will receive all notices.

RELEASE OF LIEN FROM CONTRACTOR

Prior to paying the contractor, you need to receive a Release of Lien and Affidavit to the extent of payment from the general contractor. The Release of Lien and Affidavit shall state either that all the subcontractors and suppliers have been paid or list those unpaid and the amount owed. The contractor is required to list on the Release of Lien and Affidavit any subcontractor or supplier that has not been paid. That amount may be withheld from the contractor's pay and paid directly to the subcontractor or suppliers after 10 days written notice to the contractor.

If the balance due to the contractor is not sufficient to pay in full all subcontractors and suppliers listed on the contractor's affidavit, you may wish to consult an attorney.

The general contractor shall furnish a final Release of Lien and Affidavit to the owner indicating all subcontractors and suppliers have been paid at the time he requests final payment. You can rely on the affidavit in making final payment to the general contractor. If you make final payment to the general contractor without obtaining the affidavit, your property can be liened for non-payment if the general contractor fails to pay the subcontractors or suppliers. You should always obtain a Release of Lien and Affidavit from the contractor to the extent of any payments being made.

RELY ON YOUR LENDER FOR COMPLIANCE WITH CONSTRUCTION LIEN LAW

If you have a lender, you may rely on the lender to handle the recording of the Notice of Commencement. Learn more about the Construction Lien Law by contacting an attorney, your lender, or the Florida Department of Agricultural and Consumer Services, Division of Consumer Services.

TO RECORD YOUR DOCUMENTS, GO TO:

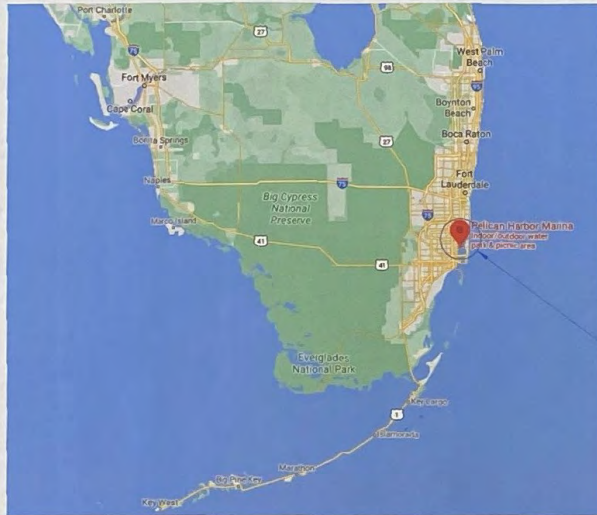
Clerk of Courts

Miami-Dade County Recorder, Courthouse East
22 N.W. First Street, 1st Floor, Miami, FL 33128

You can also record the Notice of Commencement by mail. The original Notice should be sent to the County Recorder, P.O. Box 011711, Flagler Station, Miami, Florida 33101. Please make sure the original Notice is signed and notarized. Also, remember to enclose the recording fee (for a single copy) and written instructions for recording and returning a certified copy of the recorded documents. For additional information on fees and recording documents call **(305) 275-1155**.

CONSTRUCTION DRAWINGS

SPILL BUCKETS REPLACEMENT



LOCATION MAP
NOT TO SCALE

MIAMI- DADE COUNTY
PELICAN HARBOR MARINA
1275 NE 79TH STREET
MIAMI, FLORIDA 33147

MARCH 2021

BOARD OF COUNTY COMMISSIONERS

- DISTRICT1: OLIVER G. GILBERT, III (VICE CHAIRMAN)
- DISTRICT2: JEAN MONESTIME
- DISTRICT3: KEVIN HARDEMON
- DISTRICT4: SALLY A. HEYMAN
- DISTRICT5: EILEEN HIGGINS
- DISTRICT6: REBECA SOSA
- DISTRICT7: RAQUEL A. REGALADO
- DISTRICT8: DANIELLE COHEN HIGGINS
- DISTRICT9: KIONNE L. MCGHEE
- DISTRICT10: JAVIER D. SOUTO
- DISTRICT11: JOE A. MARTINEZ
- DISTRICT12: JOSE "PEPE" DIAZ (CHAIRMAN)
- DISTRICT13: RENE GARCIA

DANIELLA LEVINE CAVA, MAYOR

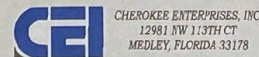
INDEX TO DRAWINGS

- COVER SHEET
- F-1 OVERALL SITE PLAN
- F-2 PROPOSED SITE PLAN

PREPARED FOR:
MIAMI-DADE COUNTY
PARKS, RECREATION AND OPEN SPACES (PROS)
275 NW 2ND STREET
MIAMI, FLORIDA 33128



SITE LOCATION
NOT TO SCALE



Miami Dade County Department of Regulatory and Economic Resources - Job Copy

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Examiner Date Time Stamp Trade Stamp Name

BARBON, ARACELYS 3/30/2021 10:07:58 AM DERMA Approved

REGULATORY AND ECONOMIC RESOURCES - JOB COPY - LOCATION AND DRAWINGS - 0121009708 - 3/30/2021 11:18:34 AM - COVER SHEET.DWG



OVERALL SITE PLAN
NTS

3/16/21 JJA
M:\PROJECTS\MIAMI-DADE PARKS DEPT\FUEL SITE REPAIRS FOR MULTIPLE LOCATIONS\04 DRAWINGS & SPECS\02 CONSTRUCTION DRAWINGS\PELICAN HARBOR MARINA\SPILL BUCKETS REPLACEMENT_PH.DWG

No.	Date	Revisions	Init.

Project Mgr. JORGE L. AZCONEGA, P.E.
 Designed by JORGE L. AZCONEGA, P.E.
 Drawn by JORGE L. AZCONEGA, P.E.
 Prof. Eng. ALEX SANCHEZ, P.E.
 PE License #54637

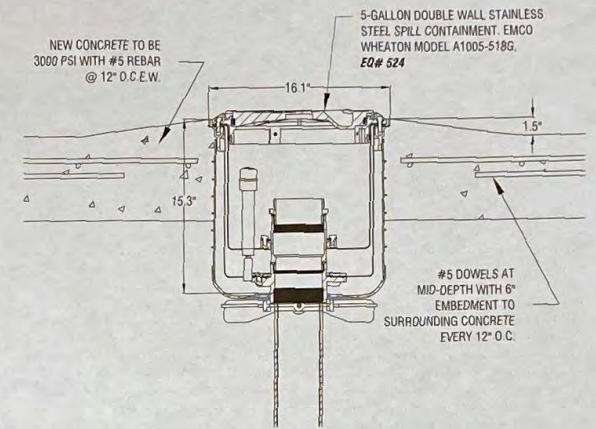
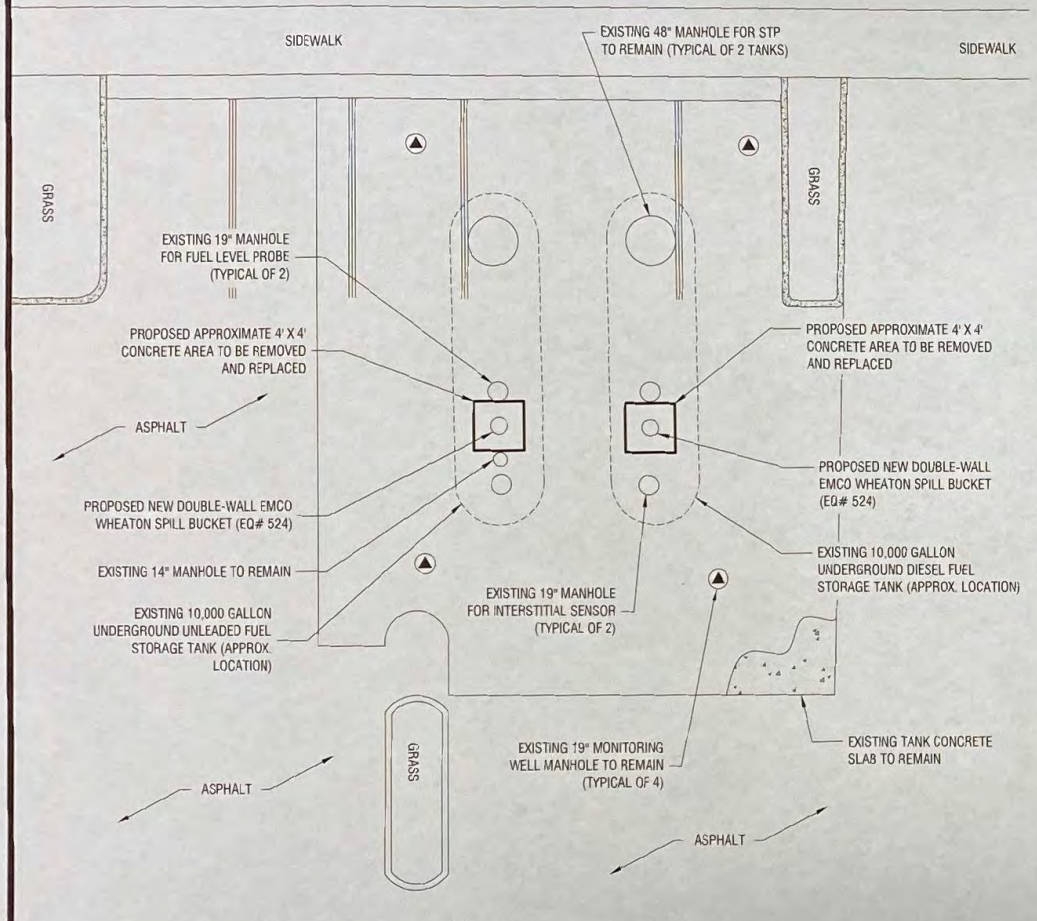


CEI
 12981 NW 113TH CT.
 MEDLEY, FLORIDA 33178
 FLORIDA CERTIFICATE OF AUTHORIZATION NUMBER # 8149

MIAMI DADE PARKS - PELICAN HARBOR MARINA
 UNDERGROUND SPILL BUCKETS REPLACEMENT
 1275 NE 79TH STREET
 MIAMI - FL - 33147
OVERALL SITE PLAN

File Number:
 Project: 70734.1
 Date:
 MARCH 2021
 Cherokee Enterprises, Inc.
 12981 NW 113th Ct.
 Medley, FL 33178
 305-928-3353

F-1



DOUBLE-WALL SPILL BUCKET DETAIL
SCALE: NTS

STRUCTURAL NOTES:

- CONCRETE SLAB TO HAVE 28 DAY COMPRESSIVE STRENGTH:
 $f_c = 3,000 \text{ psi}$
- REINFORCEMENT TO COMPLY WITH ASTM A-615 WITH A MINIMUM YIELD POINT:
 $f_y = 60 \text{ ksi}$
- ALL WORK TO COMPLY WITH THE FLORIDA BUILDING CODE 2010 EDITION.
- THE FOLLOWING MINIMUM CONCRETE COVER WILL BE PROVIDED FOR REINFORCEMENT:
 - CONCRETE CAST AGAINST AND PERMANENTLY EXPOSED TO EARTH - 3 in.
 - CONCRETE EXPOSED TO WEATHER - NO. 5 BAR AND SMALLER - 2 in. (MIN.)
- ALL EXPOSED CONCRETE CORNERS TO HAVE 3/4" CHAMFER.
- CONSTRUCTION OF SLABS TO BE MADE IN ACCORDANCE WITH ACI REQUIREMENTS.
- INSPECTION OF REINFORCED CONCRETE TO BE PERFORMED IN ACCORDANCE WITH ACI 311.
- FINISH FOR CONCRETE SLAB TO BE BROOM FINISH.
- CONTRACTOR TO VERIFY FIELD ELEVATIONS PRIOR TO POURING OF CONCRETE SLAB AND ENSURE PROPER DRAINAGE IN SURROUNDING AREAS.

SCOPE OF WORK

- PREPARE SIGNED & SEALED PERMIT DRAWINGS FOR SUBMITTAL TO THE CITY OF MIAMI BUILDING DEPARTMENT AND THE MIAMI-DADE DEPARTMENT OF REGULATORY AND ECONOMIC RESOURCES (RER).
- OBTAIN SUNSHINE ONE CALL PUBLIC UTILITY CLEARANCE IN THE AREA OF THE SPILL BUCKETS TO BE REPLACED.
- MOBILIZE TO THE SITE, SAWCUT, BREAK CONCRETE SLAB, AND UNCOVER TANK TOP ONLY AS REQUIRED TO INSTALL NEW TANK SPILL BUCKETS FOR THE EXISTING UNLEADED GASOLINE AND THE DIESEL UNDERGROUND STORAGE TANKS (UST).
- SOFT DIG, REMOVE, AND PROPERLY SET ASIDE ALL SOILS TO BE RE-USED AS BACKFILL ONCE THE NEW SPILL BUCKETS ARE INSTALLED. PROPERLY REMOVE AND DISPOSE OF EXISTING SPILL BUCKETS.
- PERFORM SOIL SCREENINGS (ORGANIC VAPOR ANALYZERS - OVA) AS REQUIRED FOR THE REPLACEMENT OF THE SPILL BUCKETS AND AS NEEDED FOR PREPARATION OF A LIMITED SUMMARY REPORT FOR RER.
- COLLECT ONE SOIL SAMPLE FROM EACH EXCAVATION AND TAKE TO THE LABORATORY FOR ANALYSIS. TWO (2) SOIL SAMPLES INCLUDED.
- FURNISH AND INSTALL TWO (2) NEW DOUBLE-WALL EMCO WHEATON SPILL BUCKETS.
- BACKFILL EXCAVATION WITH EXCAVATED MATERIALS. IT IS ASSUMED THAT APPROVED MATERIALS WERE USED FOR BACKFILL, SUCH AS PEAGRAVEL, FOR THE ORIGINAL INSTALLATION OF THE UST.
- POUR, PLACE, AND FINISH AN APPROXIMATE 4' X 4' CONCRETE TANK SLABS WITH #5 REBAR, 3000 PSI COMPRESSIVE STRENGTH CONCRETE AND #5 REBAR DOWELED TO THE EXISTING SURROUNDING CONCRETE SLABS.
- PERFORM A VACUUM TEST ON BOTH OF THE NEW DOUBLE-WALL SPILL BUCKETS.
- REMOVE AND DISPOSE OF UNCONTAMINATED CONSTRUCTION DEBRIS.
- OBTAIN REGULATORY INSPECTIONS (BUILDING DEPARTMENT & RER).

GENERAL NOTES:

- THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR INITIATING, MAINTAINING AND SUPERVISING ALL SAFETY PRECAUTIONS AND PROGRAMS IN CONNECTION WITH THE WORK. HE SHALL TAKE ALL NECESSARY PRECAUTIONS FOR THE SAFETY OF, AND SHALL PROVIDE ALL THE NECESSARY PROTECTION TO PREVENT THE DAMAGE OF, INJURY TO, OR LOSS OF ALL EMPLOYEES ON THE WORK SITE AND TO ANY OTHER PERSONS THAT MAY BE AFFECTED THEREBY.
- THE CONTRACTOR SHALL COMPLY WITH ALL APPLICABLE OSHA GUIDELINES, LAWS, ORDINANCES, RULES, REGULATIONS AND ORDERS OF PUBLIC BODIES HAVING JURISDICTION FOR THE SAFETY OF PERSONS OR PROPERTY OR TO PROTECT THEM FROM DAMAGE, INJURY OR LOSS. HE SHALL ERECT AND MAINTAIN AS REQUIRED BY THE CONDITIONS AND THE PROGRESS OF THE WORK, ALL NECESSARY SAFEGUARDS FOR EMPLOYEE SAFETY AND PROTECTION.
- CONTRACTORS SHALL FURNISH AND PLACE PROPER GUARDS FOR PREVENTION OF ACCIDENTS, PROVIDE ALL TRENCH SHORING, SCAFFOLDING, SHIELDING, DUST PROTECTION, MECHANICAL PROTECTION, SPECIAL GROUNDING, SAFETY RAILINGS, BARRIERS, OR OTHER SAFETY FEATURES REQUIRED TO SECURE SAFETY OF LIFE AND PROPERTY.
- THE WORK SHALL BE SUBJECT TO INSPECTION BY LOCAL AUTHORITIES HAVING JURISDICTION, AND ALL WORK SHALL PASS SUCH INSPECTION.
- INSTALL EQUIPMENT IN A NEAT AND WORKMANLIKE MANNER; ALIGN, LEVEL, AND ADJUST FOR SATISFACTORY OPERATION; INSTALL SO THAT PARTS ARE EASILY ACCESSIBLE FOR INSPECTION, OPERATION, MAINTENANCE AND REPAIR. DEVIATIONS FROM INDICATED ARRANGEMENTS ARE SUBJECT TO REVIEW AND APPROVAL FROM THE ENGINEER PRIOR TO INSTALLATION.

NOTE: EXCAVATIONS WILL BE PROTECTED WITH BARRICADES AND CAUTION TAPE.

PROPOSED SITE PLAN
SCALE: 1/8" = 1'-0"

3/16/21 JLA
N:\PROJECTS\MIAMI-DADE PARKS DEPT\FUEL SITE REPAIRS FOR MULTIPLE LOCATIONS\04 DRAWINGS & SPECS\02 CONSTRUCTION DRAWINGS\PELICAN HARBOR MARINA\SPILL BUCKETS REPLACEMENT_PH.DWG

Miami Dade County Department of Regulatory and Economic Resources - Job Copy
 0121009708 - 3/30/2021 11:18:34 AM
 ME-02.pdf
 Examiner: [Signature] Date Time Stamp: MARCH, MAR 3/29/2021 3:29:04 PM Trade Stamp Name: [Signature] Approved

CEI
 12981 NW 113TH CT.
 MEDLEY, FLORIDA 33178
 FLORIDA CERTIFICATE OF AUTHORIZATION NUMBER # 8149

MIAMI DADE PARKS - PELICAN HARBOR MARINA UNDERGROUND SPILL BUCKETS REPLACEMENT
 1275 NE 79TH STREET
 MIAMI - FL - 33147
PROPOSED SITE PLAN

File Number: Project: 70734.1
 Date: MARCH 2021
 Cherokee Enterprises, Inc.
 12981 NW 113th Ct.
 Medley, FL 33178
 305-828-3333
F-2

Appendix B

Photographic Log





Former Unleaded Fuel Spill Bucket Location

Underground Storage Tanks (USTs) location prior to spill bucket replacement, facing north.



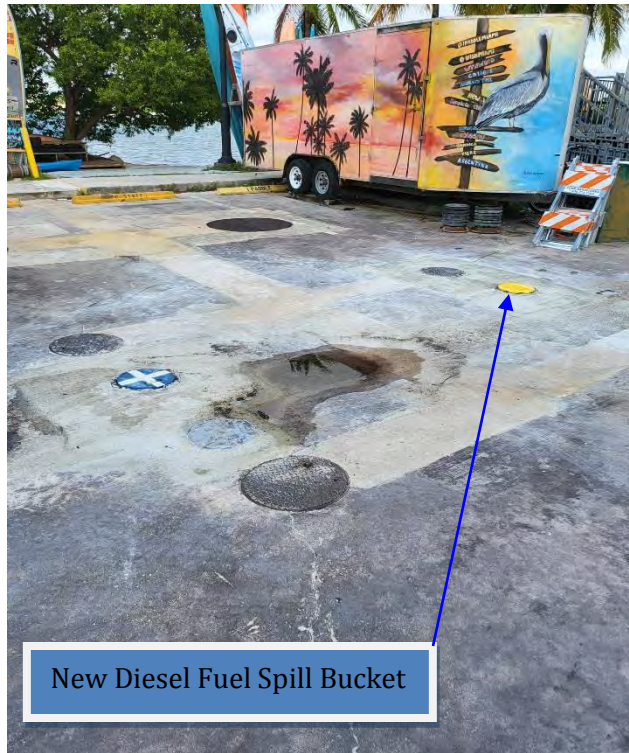
Former Diesel Fuel Spill Bucket Location

USTs location prior to spill bucket replacement, facing south.



New Unleaded Gasoline Spill Bucket

New spill buckets, facing north.



New Diesel Fuel Spill Bucket

New spill buckets, facing northwest.

Appendix C
Soil Analytical Report and Chain of Custody
Record



October 15, 2021

Charlie Overstreet
Cherokee Enterprises, Inc.
12981 N.W. 113th Court
Miami, FL 33178

RE: Project: Pelican Harbor Marina
Pace Project No.: 35668459

Dear Charlie Overstreet:

Enclosed are the analytical results for sample(s) received by the laboratory on October 07, 2021. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

The test results provided in this final report were generated by each of the following laboratories within the Pace Network:

- Pace Analytical Services - Ormond Beach

If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Rossy Guima
rossy.guima@pacelabs.com
954-582-4300
Project Manager

Enclosures



REPORT OF LABORATORY ANALYSIS

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CERTIFICATIONS

Project: Pelican Harbor Marina
Pace Project No.: 35668459

Pace Analytical Services Ormond Beach

8 East Tower Circle, Ormond Beach, FL 32174

Alaska DEC- CS/UST/LUST

Alabama Certification #: 41320

Colorado Certification: FL NELAC Reciprocity

Connecticut Certification #: PH-0216

Delaware Certification: FL NELAC Reciprocity

Florida Certification #: E83079

Georgia Certification #: 955

Guam Certification: FL NELAC Reciprocity

Hawaii Certification: FL NELAC Reciprocity

Illinois Certification #: 200068

Indiana Certification: FL NELAC Reciprocity

Kansas Certification #: E-10383

Kentucky Certification #: 90050

Louisiana Certification #: FL NELAC Reciprocity

Louisiana Environmental Certificate #: 05007

Maine Certification #: FL01264

Maryland Certification: #346

Michigan Certification #: 9911

Mississippi Certification: FL NELAC Reciprocity

Missouri Certification #: 236

Montana Certification #: Cert 0074

Nebraska Certification: NE-OS-28-14

New Hampshire Certification #: 2958

New Jersey Certification #: FL022

New York Certification #: 11608

North Carolina Environmental Certificate #: 667

North Carolina Certification #: 12710

North Dakota Certification #: R-216

Ohio DEP 87780

Oklahoma Certification #: D9947

Pennsylvania Certification #: 68-00547

Puerto Rico Certification #: FL01264

South Carolina Certification: #96042001

Tennessee Certification #: TN02974

Texas Certification: FL NELAC Reciprocity

US Virgin Islands Certification: FL NELAC Reciprocity

Virginia Environmental Certification #: 460165

West Virginia Certification #: 9962C

Wisconsin Certification #: 399079670

Wyoming (EPA Region 8): FL NELAC Reciprocity

REPORT OF LABORATORY ANALYSIS

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SAMPLE SUMMARY

Project: Pelican Harbor Marina

Pace Project No.: 35668459

Lab ID	Sample ID	Matrix	Date Collected	Date Received
35668459001	SB-N	Solid	10/06/21 14:45	10/07/21 17:30
35668459002	SB-S	Solid	10/06/21 15:00	10/07/21 17:30

REPORT OF LABORATORY ANALYSIS

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SAMPLE ANALYTE COUNT

Project: Pelican Harbor Marina
Pace Project No.: 35668459

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
35668459001	SB-N	FL-PRO	EAO	3	PASI-O
		EPA 8270	TWB	21	PASI-O
		EPA 8260	CLT	14	PASI-O
		ASTM D2974-87	AS3	1	PASI-O
35668459002	SB-S	FL-PRO	EAO	3	PASI-O
		EPA 8270	TWB	21	PASI-O
		EPA 8260	CLT	14	PASI-O
		ASTM D2974-87	AS3	1	PASI-O

PASI-O = Pace Analytical Services - Ormond Beach

REPORT OF LABORATORY ANALYSIS

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SUMMARY OF DETECTION

Project: Pelican Harbor Marina
Pace Project No.: 35668459

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
35668459001	SB-N					
FL-PRO	Petroleum Range Organics	13.1	mg/kg	9.3	10/14/21 05:34	
EPA 8270	Benzo(a)anthracene	0.062	mg/kg	0.053	10/15/21 09:56	
EPA 8270	Benzo(a)pyrene	0.098	mg/kg	0.053	10/15/21 09:56	
EPA 8270	Benzo(b)fluoranthene	0.13	mg/kg	0.053	10/15/21 09:56	
EPA 8270	Benzo(g,h,i)perylene	0.11	mg/kg	0.053	10/15/21 09:56	
EPA 8270	Benzo(k)fluoranthene	0.058	mg/kg	0.053	10/15/21 09:56	
EPA 8270	Chrysene	0.081	mg/kg	0.053	10/15/21 09:56	
EPA 8270	Dibenz(a,h)anthracene	0.022 l	mg/kg	0.053	10/15/21 09:56	
EPA 8270	Fluoranthene	0.088	mg/kg	0.053	10/15/21 09:56	
EPA 8270	Indeno(1,2,3-cd)pyrene	0.083	mg/kg	0.053	10/15/21 09:56	
EPA 8270	Phenanthrene	0.011 l	mg/kg	0.053	10/15/21 09:56	
EPA 8270	Pyrene	0.082	mg/kg	0.053	10/15/21 09:56	
ASTM D2974-87	Percent Moisture	35.9	%	0.10	10/08/21 09:11	
35668459002	SB-S					
EPA 8270	Benzo(a)anthracene	0.050	mg/kg	0.037	10/15/21 10:55	
EPA 8270	Benzo(a)pyrene	0.072	mg/kg	0.037	10/15/21 10:55	
EPA 8270	Benzo(b)fluoranthene	0.099	mg/kg	0.037	10/15/21 10:55	
EPA 8270	Benzo(g,h,i)perylene	0.075	mg/kg	0.037	10/15/21 10:55	
EPA 8270	Benzo(k)fluoranthene	0.042	mg/kg	0.037	10/15/21 10:55	
EPA 8270	Chrysene	0.067	mg/kg	0.037	10/15/21 10:55	
EPA 8270	Fluoranthene	0.091	mg/kg	0.037	10/15/21 10:55	
EPA 8270	Indeno(1,2,3-cd)pyrene	0.061	mg/kg	0.037	10/15/21 10:55	
EPA 8270	Phenanthrene	0.016 l	mg/kg	0.037	10/15/21 10:55	
EPA 8270	Pyrene	0.080	mg/kg	0.037	10/15/21 10:55	
ASTM D2974-87	Percent Moisture	7.7	%	0.10	10/08/21 09:11	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Pelican Harbor Marina

Pace Project No.: 35668459

Sample: SB-N **Lab ID: 35668459001** Collected: 10/06/21 14:45 Received: 10/07/21 17:30 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
FL-PRO Soil Microwave									
Analytical Method: FL-PRO Preparation Method: EPA 3546									
Pace Analytical Services - Ormond Beach									
Petroleum Range Organics	13.1	mg/kg	9.3	8.0	1	10/13/21 11:30	10/14/21 05:34		
Surrogates									
o-Terphenyl (S)	89	%	66-136		1	10/13/21 11:30	10/14/21 05:34	84-15-1	
N-Pentatriacontane (S)	95	%	42-159		1	10/13/21 11:30	10/14/21 05:34	630-07-09	
8270 MSSV Short List Microwave									
Analytical Method: EPA 8270 Preparation Method: EPA 3546									
Pace Analytical Services - Ormond Beach									
Acenaphthene	0.025 U	mg/kg	0.056	0.025	1	10/14/21 08:32	10/15/21 09:56	83-32-9	
Acenaphthylene	0.0083 U	mg/kg	0.053	0.0083	1	10/14/21 08:32	10/15/21 09:56	208-96-8	
Anthracene	0.0072 U	mg/kg	0.056	0.0072	1	10/14/21 08:32	10/15/21 09:56	120-12-7	
Benzo(a)anthracene	0.062	mg/kg	0.053	0.0070	1	10/14/21 08:32	10/15/21 09:56	56-55-3	
Benzo(a)pyrene	0.098	mg/kg	0.053	0.013	1	10/14/21 08:32	10/15/21 09:56	50-32-8	
Benzo(b)fluoranthene	0.13	mg/kg	0.053	0.014	1	10/14/21 08:32	10/15/21 09:56	205-99-2	
Benzo(g,h,i)perylene	0.11	mg/kg	0.053	0.013	1	10/14/21 08:32	10/15/21 09:56	191-24-2	
Benzo(k)fluoranthene	0.058	mg/kg	0.053	0.014	1	10/14/21 08:32	10/15/21 09:56	207-08-9	
Chrysene	0.081	mg/kg	0.053	0.0070	1	10/14/21 08:32	10/15/21 09:56	218-01-9	
Dibenz(a,h)anthracene	0.022 I	mg/kg	0.053	0.012	1	10/14/21 08:32	10/15/21 09:56	53-70-3	
Fluoranthene	0.088	mg/kg	0.053	0.017	1	10/14/21 08:32	10/15/21 09:56	206-44-0	
Fluorene	0.019 U	mg/kg	0.058	0.019	1	10/14/21 08:32	10/15/21 09:56	86-73-7	
Indeno(1,2,3-cd)pyrene	0.083	mg/kg	0.053	0.012	1	10/14/21 08:32	10/15/21 09:56	193-39-5	
1-Methylnaphthalene	0.0087 U	mg/kg	0.062	0.0087	1	10/14/21 08:32	10/15/21 09:56	90-12-0	
2-Methylnaphthalene	0.0083 U	mg/kg	0.061	0.0083	1	10/14/21 08:32	10/15/21 09:56	91-57-6	
Naphthalene	0.019 U	mg/kg	0.055	0.019	1	10/14/21 08:32	10/15/21 09:56	91-20-3	
Phenanthrene	0.011 I	mg/kg	0.053	0.0075	1	10/14/21 08:32	10/15/21 09:56	85-01-8	
Pyrene	0.082	mg/kg	0.053	0.0070	1	10/14/21 08:32	10/15/21 09:56	129-00-0	
Surrogates									
Nitrobenzene-d5 (S)	64	%	24-98		1	10/14/21 08:32	10/15/21 09:56	4165-60-0	
2-Fluorobiphenyl (S)	68	%	29-101		1	10/14/21 08:32	10/15/21 09:56	321-60-8	
p-Terphenyl-d14 (S)	74	%	29-112		1	10/14/21 08:32	10/15/21 09:56	1718-51-0	
8260 MSV 5035									
Analytical Method: EPA 8260 Preparation Method: EPA 5035									
Pace Analytical Services - Ormond Beach									
Benzene	2.0 U	ug/kg	10.2	2.0	1	10/09/21 17:44	10/10/21 03:42	71-43-2	
Chlorobenzene	1.9 U	ug/kg	10.2	1.9	1	10/09/21 17:44	10/10/21 03:42	108-90-7	
1,2-Dichlorobenzene	1.6 U	ug/kg	10.2	1.6	1	10/09/21 17:44	10/10/21 03:42	95-50-1	
1,3-Dichlorobenzene	1.9 U	ug/kg	10.2	1.9	1	10/09/21 17:44	10/10/21 03:42	541-73-1	
1,4-Dichlorobenzene	1.4 U	ug/kg	10.2	1.4	1	10/09/21 17:44	10/10/21 03:42	106-46-7	
Ethylbenzene	2.4 U	ug/kg	10.2	2.4	1	10/09/21 17:44	10/10/21 03:42	100-41-4	
Methyl-tert-butyl ether	3.1 U	ug/kg	10.2	3.1	1	10/09/21 17:44	10/10/21 03:42	1634-04-4	
Toluene	1.7 U	ug/kg	10.2	1.7	1	10/09/21 17:44	10/10/21 03:42	108-88-3	
Xylene (Total)	10.5 U	ug/kg	30.6	10.5	1	10/09/21 17:44	10/10/21 03:42	1330-20-7	
m&p-Xylene	10.5 U	ug/kg	20.4	10.5	1	10/09/21 17:44	10/10/21 03:42	179601-23-1	
o-Xylene	5.3 U	ug/kg	10.2	5.3	1	10/09/21 17:44	10/10/21 03:42	95-47-6	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Pelican Harbor Marina

Pace Project No.: 35668459

Sample: SB-N **Lab ID: 35668459001** Collected: 10/06/21 14:45 Received: 10/07/21 17:30 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035									
Analytical Method: EPA 8260 Preparation Method: EPA 5035									
Pace Analytical Services - Ormond Beach									
Surrogates									
4-Bromofluorobenzene (S)	104	%	68-125		1	10/09/21 17:44	10/10/21 03:42	460-00-4	
Toluene-d8 (S)	112	%	70-130		1	10/09/21 17:44	10/10/21 03:42	2037-26-5	
1,2-Dichlorobenzene-d4 (S)	101	%	70-130		1	10/09/21 17:44	10/10/21 03:42	2199-69-1	
Percent Moisture									
Analytical Method: ASTM D2974-87									
Pace Analytical Services - Ormond Beach									
Percent Moisture	35.9	%	0.10	0.10	1		10/08/21 09:11		

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Pelican Harbor Marina

Pace Project No.: 35668459

Sample: SB-S **Lab ID: 35668459002** Collected: 10/06/21 15:00 Received: 10/07/21 17:30 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
FL-PRO Soil Microwave									
Analytical Method: FL-PRO Preparation Method: EPA 3546									
Pace Analytical Services - Ormond Beach									
Petroleum Range Organics	5.6 U	mg/kg	6.5	5.6	1	10/13/21 11:30	10/14/21 05:47		
Surrogates									
o-Terphenyl (S)	91	%	66-136		1	10/13/21 11:30	10/14/21 05:47	84-15-1	
N-Pentatriacontane (S)	97	%	42-159		1	10/13/21 11:30	10/14/21 05:47	630-07-09	
8270 MSSV Short List Microwave									
Analytical Method: EPA 8270 Preparation Method: EPA 3546									
Pace Analytical Services - Ormond Beach									
Acenaphthene	0.017 U	mg/kg	0.039	0.017	1	10/14/21 08:32	10/15/21 10:55	83-32-9	
Acenaphthylene	0.0057 U	mg/kg	0.037	0.0057	1	10/14/21 08:32	10/15/21 10:55	208-96-8	
Anthracene	0.0050 U	mg/kg	0.039	0.0050	1	10/14/21 08:32	10/15/21 10:55	120-12-7	
Benzo(a)anthracene	0.050	mg/kg	0.037	0.0049	1	10/14/21 08:32	10/15/21 10:55	56-55-3	
Benzo(a)pyrene	0.072	mg/kg	0.037	0.0091	1	10/14/21 08:32	10/15/21 10:55	50-32-8	
Benzo(b)fluoranthene	0.099	mg/kg	0.037	0.0097	1	10/14/21 08:32	10/15/21 10:55	205-99-2	
Benzo(g,h,i)perylene	0.075	mg/kg	0.037	0.0092	1	10/14/21 08:32	10/15/21 10:55	191-24-2	
Benzo(k)fluoranthene	0.042	mg/kg	0.037	0.0097	1	10/14/21 08:32	10/15/21 10:55	207-08-9	
Chrysene	0.067	mg/kg	0.037	0.0049	1	10/14/21 08:32	10/15/21 10:55	218-01-9	
Dibenz(a,h)anthracene	0.0084 U	mg/kg	0.037	0.0084	1	10/14/21 08:32	10/15/21 10:55	53-70-3	
Fluoranthene	0.091	mg/kg	0.037	0.012	1	10/14/21 08:32	10/15/21 10:55	206-44-0	
Fluorene	0.013 U	mg/kg	0.040	0.013	1	10/14/21 08:32	10/15/21 10:55	86-73-7	
Indeno(1,2,3-cd)pyrene	0.061	mg/kg	0.037	0.0083	1	10/14/21 08:32	10/15/21 10:55	193-39-5	
1-Methylnaphthalene	0.0061 U	mg/kg	0.043	0.0061	1	10/14/21 08:32	10/15/21 10:55	90-12-0	
2-Methylnaphthalene	0.0057 U	mg/kg	0.042	0.0057	1	10/14/21 08:32	10/15/21 10:55	91-57-6	
Naphthalene	0.013 U	mg/kg	0.038	0.013	1	10/14/21 08:32	10/15/21 10:55	91-20-3	
Phenanthrene	0.016 I	mg/kg	0.037	0.0052	1	10/14/21 08:32	10/15/21 10:55	85-01-8	
Pyrene	0.080	mg/kg	0.037	0.0049	1	10/14/21 08:32	10/15/21 10:55	129-00-0	
Surrogates									
Nitrobenzene-d5 (S)	50	%	24-98		1	10/14/21 08:32	10/15/21 10:55	4165-60-0	
2-Fluorobiphenyl (S)	53	%	29-101		1	10/14/21 08:32	10/15/21 10:55	321-60-8	
p-Terphenyl-d14 (S)	65	%	29-112		1	10/14/21 08:32	10/15/21 10:55	1718-51-0	
8260 MSV 5035									
Analytical Method: EPA 8260 Preparation Method: EPA 5035									
Pace Analytical Services - Ormond Beach									
Benzene	1.4 U	ug/kg	6.8	1.4	1	10/09/21 17:44	10/10/21 04:04	71-43-2	
Chlorobenzene	1.3 U	ug/kg	6.8	1.3	1	10/09/21 17:44	10/10/21 04:04	108-90-7	
1,2-Dichlorobenzene	1.0 U	ug/kg	6.8	1.0	1	10/09/21 17:44	10/10/21 04:04	95-50-1	
1,3-Dichlorobenzene	1.2 U	ug/kg	6.8	1.2	1	10/09/21 17:44	10/10/21 04:04	541-73-1	
1,4-Dichlorobenzene	0.91 U	ug/kg	6.8	0.91	1	10/09/21 17:44	10/10/21 04:04	106-46-7	
Ethylbenzene	1.6 U	ug/kg	6.8	1.6	1	10/09/21 17:44	10/10/21 04:04	100-41-4	
Methyl-tert-butyl ether	2.0 U	ug/kg	6.8	2.0	1	10/09/21 17:44	10/10/21 04:04	1634-04-4	
Toluene	1.1 U	ug/kg	6.8	1.1	1	10/09/21 17:44	10/10/21 04:04	108-88-3	
Xylene (Total)	7.0 U	ug/kg	20.4	7.0	1	10/09/21 17:44	10/10/21 04:04	1330-20-7	
m&p-Xylene	7.0 U	ug/kg	13.6	7.0	1	10/09/21 17:44	10/10/21 04:04	179601-23-1	
o-Xylene	3.5 U	ug/kg	6.8	3.5	1	10/09/21 17:44	10/10/21 04:04	95-47-6	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Pelican Harbor Marina

Pace Project No.: 35668459

Sample: SB-S **Lab ID: 35668459002** Collected: 10/06/21 15:00 Received: 10/07/21 17:30 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035									
Analytical Method: EPA 8260 Preparation Method: EPA 5035									
Pace Analytical Services - Ormond Beach									
Surrogates									
4-Bromofluorobenzene (S)	105	%	68-125		1	10/09/21 17:44	10/10/21 04:04	460-00-4	
Toluene-d8 (S)	114	%	70-130		1	10/09/21 17:44	10/10/21 04:04	2037-26-5	
1,2-Dichlorobenzene-d4 (S)	103	%	70-130		1	10/09/21 17:44	10/10/21 04:04	2199-69-1	
Percent Moisture									
Analytical Method: ASTM D2974-87									
Pace Analytical Services - Ormond Beach									
Percent Moisture	7.7	%	0.10	0.10	1		10/08/21 09:11		

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: Pelican Harbor Marina

Pace Project No.: 35668459

QC Batch: 768370

Analysis Method: EPA 8260

QC Batch Method: EPA 5035

Analysis Description: 8260 MSV 5035

Laboratory: Pace Analytical Services - Ormond Beach

Associated Lab Samples: 35668459001, 35668459002

METHOD BLANK: 4200625

Matrix: Solid

Associated Lab Samples: 35668459001, 35668459002

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,2-Dichlorobenzene	ug/kg	0.74 U	4.9	0.74	10/09/21 23:36	
1,3-Dichlorobenzene	ug/kg	0.89 U	4.9	0.89	10/09/21 23:36	
1,4-Dichlorobenzene	ug/kg	0.65 U	4.9	0.65	10/09/21 23:36	
Benzene	ug/kg	0.98 U	4.9	0.98	10/09/21 23:36	
Chlorobenzene	ug/kg	0.91 U	4.9	0.91	10/09/21 23:36	
Ethylbenzene	ug/kg	1.2 U	4.9	1.2	10/09/21 23:36	
m&p-Xylene	ug/kg	5.0 U	9.8	5.0	10/09/21 23:36	
Methyl-tert-butyl ether	ug/kg	1.5 U	4.9	1.5	10/09/21 23:36	
o-Xylene	ug/kg	2.5 U	4.9	2.5	10/09/21 23:36	
Toluene	ug/kg	0.79 U	4.9	0.79	10/09/21 23:36	
Xylene (Total)	ug/kg	5.0 U	14.6	5.0	10/09/21 23:36	
1,2-Dichlorobenzene-d4 (S)	%	102	70-130		10/09/21 23:36	
4-Bromofluorobenzene (S)	%	107	68-125		10/09/21 23:36	
Toluene-d8 (S)	%	110	70-130		10/09/21 23:36	

LABORATORY CONTROL SAMPLE: 4200626

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2-Dichlorobenzene	ug/kg	20.2	19.2	95	70-130	
1,3-Dichlorobenzene	ug/kg	20.2	19.2	95	70-130	
1,4-Dichlorobenzene	ug/kg	20.2	19.7	97	70-130	
Benzene	ug/kg	20.2	21.1	104	70-130	
Chlorobenzene	ug/kg	20.2	20.3	100	70-130	
Ethylbenzene	ug/kg	20.2	20.4	101	70-130	
m&p-Xylene	ug/kg	40.4	41.3	102	70-130	
Methyl-tert-butyl ether	ug/kg	20.2	22.1	110	65-124	
o-Xylene	ug/kg	20.2	20.2	100	70-130	
Toluene	ug/kg	20.2	20.5	101	70-130	
Xylene (Total)	ug/kg	60.6	61.5	102	70-130	
1,2-Dichlorobenzene-d4 (S)	%			98	70-130	
4-Bromofluorobenzene (S)	%			104	68-125	
Toluene-d8 (S)	%			98	70-130	

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QUALITY CONTROL DATA

Project: Pelican Harbor Marina
Pace Project No.: 35668459

MATRIX SPIKE SAMPLE: 4200628		35668345002	Spike	MS	MS	% Rec	
Parameter	Units	Result	Conc.	Result	% Rec	Limits	Qualifiers
1,2-Dichlorobenzene	ug/kg	0.00080 U mg/kg	22.2	4.6 I	21	70-130	J(M1)
1,3-Dichlorobenzene	ug/kg	0.00096 U mg/kg	22.2	3.3 I	15	70-130	J(M1)
1,4-Dichlorobenzene	ug/kg	0.00071 U mg/kg	22.2	3.4 I	15	70-130	J(M1)
Benzene	ug/kg	0.0011 U mg/kg	22.2	15.2	68	70-130	J(M1)
Chlorobenzene	ug/kg	0.00098 U mg/kg	22.2	6.8	31	70-130	J(M1)
Ethylbenzene	ug/kg	0.0013 U mg/kg	22.2	5.2 I	24	70-130	J(M1)
m&p-Xylene	ug/kg	0.0054 U mg/kg	44.4	9.2 I	21	70-130	J(M1)
Methyl-tert-butyl ether	ug/kg	0.0016 U mg/kg	22.2	24.7	111	65-124	
o-Xylene	ug/kg	0.0027 U mg/kg	22.2	5.4 I	24	70-130	J(M1)
Toluene	ug/kg	0.00086 U mg/kg	22.2	9.3	42	70-130	J(M1)
Xylene (Total)	ug/kg	0.0054 U mg/kg	66.5	5.7 U	0	70-130	MS
1,2-Dichlorobenzene-d4 (S)	%				100	70-130	
4-Bromofluorobenzene (S)	%				103	68-125	
Toluene-d8 (S)	%				98	70-130	

SAMPLE DUPLICATE: 4200627

Parameter	Units	35668345001	Dup	RPD	Max	Qualifiers
		Result	Result		RPD	
1,2-Dichlorobenzene	ug/kg	0.00076 U mg/kg	0.78 U		40	
1,3-Dichlorobenzene	ug/kg	0.00090 U mg/kg	0.93 U		40	
1,4-Dichlorobenzene	ug/kg	0.00067 U mg/kg	0.68 U		40	
Benzene	ug/kg	0.00099 U mg/kg	1.0 U		40	
Chlorobenzene	ug/kg	0.00092 U mg/kg	0.95 U		40	
Ethylbenzene	ug/kg	0.0021 I mg/kg	1.2 U		40	
m&p-Xylene	ug/kg	0.0094 I mg/kg	5.2 U		40	
Methyl-tert-butyl ether	ug/kg	0.0015 U mg/kg	1.5 U		40	
o-Xylene	ug/kg	0.0065 mg/kg	3.9 I		40	
Toluene	ug/kg	0.0047 I mg/kg	0.83 U		40	
Xylene (Total)	ug/kg	0.016 mg/kg	5.2 U		40	
1,2-Dichlorobenzene-d4 (S)	%	101	100		40	
4-Bromofluorobenzene (S)	%	102	103		40	
Toluene-d8 (S)	%	112	114		40	

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QUALITY CONTROL DATA

Project: Pelican Harbor Marina
Pace Project No.: 35668459

QC Batch: 769373	Analysis Method: EPA 8270
QC Batch Method: EPA 3546	Analysis Description: 8270 Solid MSSV Microwave Short Spike
	Laboratory: Pace Analytical Services - Ormond Beach

Associated Lab Samples: 35668459001, 35668459002

METHOD BLANK: 4206838 Matrix: Solid

Associated Lab Samples: 35668459001, 35668459002

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1-Methylnaphthalene	mg/kg	0.0056 U	0.040	0.0056	10/15/21 08:12	
2-Methylnaphthalene	mg/kg	0.0053 U	0.039	0.0053	10/15/21 08:12	
Acenaphthene	mg/kg	0.016 U	0.036	0.016	10/15/21 08:12	
Acenaphthylene	mg/kg	0.0053 U	0.034	0.0053	10/15/21 08:12	
Anthracene	mg/kg	0.0046 U	0.036	0.0046	10/15/21 08:12	
Benzo(a)anthracene	mg/kg	0.0045 U	0.034	0.0045	10/15/21 08:12	
Benzo(a)pyrene	mg/kg	0.0084 U	0.034	0.0084	10/15/21 08:12	
Benzo(b)fluoranthene	mg/kg	0.0090 U	0.034	0.0090	10/15/21 08:12	
Benzo(g,h,i)perylene	mg/kg	0.0085 U	0.034	0.0085	10/15/21 08:12	
Benzo(k)fluoranthene	mg/kg	0.0090 U	0.034	0.0090	10/15/21 08:12	
Chrysene	mg/kg	0.0045 U	0.034	0.0045	10/15/21 08:12	
Dibenz(a,h)anthracene	mg/kg	0.0078 U	0.034	0.0078	10/15/21 08:12	
Fluoranthene	mg/kg	0.011 U	0.034	0.011	10/15/21 08:12	
Fluorene	mg/kg	0.012 U	0.037	0.012	10/15/21 08:12	
Indeno(1,2,3-cd)pyrene	mg/kg	0.0077 U	0.034	0.0077	10/15/21 08:12	
Naphthalene	mg/kg	0.012 U	0.035	0.012	10/15/21 08:12	
Phenanthrene	mg/kg	0.0048 U	0.034	0.0048	10/15/21 08:12	
Pyrene	mg/kg	0.0045 U	0.034	0.0045	10/15/21 08:12	
2-Fluorobiphenyl (S)	%	69	29-101		10/15/21 08:12	
Nitrobenzene-d5 (S)	%	63	24-98		10/15/21 08:12	
p-Terphenyl-d14 (S)	%	83	29-112		10/15/21 08:12	

LABORATORY CONTROL SAMPLE: 4206839

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1-Methylnaphthalene	mg/kg	1.7	1.2	71	38-115	
2-Methylnaphthalene	mg/kg	1.7	1.1	68	37-115	
Acenaphthene	mg/kg	1.7	1.1	69	30-127	
Acenaphthylene	mg/kg	1.7	1.2	73	29-129	
Anthracene	mg/kg	1.7	1.2	74	37-126	
Benzo(a)anthracene	mg/kg	1.7	1.3	79	37-130	
Benzo(a)pyrene	mg/kg	1.7	1.3	79	39-128	
Benzo(b)fluoranthene	mg/kg	1.7	1.2	71	38-128	
Benzo(g,h,i)perylene	mg/kg	1.7	1.4	86	34-136	
Benzo(k)fluoranthene	mg/kg	1.7	1.3	80	39-133	
Chrysene	mg/kg	1.7	1.3	81	39-125	
Dibenz(a,h)anthracene	mg/kg	1.7	1.4	82	37-127	
Fluoranthene	mg/kg	1.7	1.3	80	39-130	
Fluorene	mg/kg	1.7	1.2	73	35-125	

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QUALITY CONTROL DATA

Project: Pelican Harbor Marina

Pace Project No.: 35668459

LABORATORY CONTROL SAMPLE: 4206839

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Indeno(1,2,3-cd)pyrene	mg/kg	1.7	1.3	80	35-133	
Naphthalene	mg/kg	1.7	1.1	68	36-115	
Phenanthrene	mg/kg	1.7	1.2	74	35-128	
Pyrene	mg/kg	1.7	1.3	80	37-132	
2-Fluorobiphenyl (S)	%			72	29-101	
Nitrobenzene-d5 (S)	%			66	24-98	
p-Terphenyl-d14 (S)	%			80	29-112	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 4206840 4206841

Parameter	Units	35668459001		MSD		MSD		MS		MSD		% Rec Limits	Max RPD	Qual
		Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec						
1-Methylnaphthalene	mg/kg	0.0087 U	2.7	2.7	1.7	1.6	65	62	38-115	4	40			
2-Methylnaphthalene	mg/kg	0.0083 U	2.7	2.7	1.6	1.5	61	59	37-115	3	40			
Acenaphthene	mg/kg	0.025 U	2.7	2.7	1.7	1.6	65	63	30-127	3	40			
Acenaphthylene	mg/kg	0.0083 U	2.7	2.7	1.8	1.7	69	66	29-129	3	40			
Anthracene	mg/kg	0.0072 U	2.7	2.7	1.9	1.9	74	72	37-126	1	40			
Benzo(a)anthracene	mg/kg	0.062	2.7	2.7	2.1	2.0	79	76	37-130	3	40			
Benzo(a)pyrene	mg/kg	0.098	2.7	2.7	2.1	2.1	79	76	39-128	2	40			
Benzo(b)fluoranthene	mg/kg	0.13	2.7	2.7	2.0	1.9	73	69	38-128	5	40			
Benzo(g,h,i)perylene	mg/kg	0.11	2.7	2.7	2.3	2.2	83	80	34-136	3	40			
Benzo(k)fluoranthene	mg/kg	0.058	2.7	2.7	2.0	2.0	75	76	39-133	1	40			
Chrysene	mg/kg	0.081	2.7	2.7	2.1	2.1	78	76	39-125	2	40			
Dibenz(a,h)anthracene	mg/kg	0.022 I	2.7	2.7	2.1	2.0	79	75	37-127	5	40			
Fluoranthene	mg/kg	0.088	2.7	2.7	2.2	2.2	80	79	39-130	0	40			
Fluorene	mg/kg	0.019 U	2.7	2.7	1.9	1.8	72	69	35-125	3	40			
Indeno(1,2,3-cd)pyrene	mg/kg	0.083	2.7	2.7	2.1	2.0	77	74	35-133	3	40			
Naphthalene	mg/kg	0.019 U	2.7	2.7	1.6	1.5	60	58	36-115	4	40			
Phenanthrene	mg/kg	0.011 I	2.7	2.7	1.9	1.9	73	72	35-128	0	40			
Pyrene	mg/kg	0.082	2.7	2.7	2.1	2.1	80	78	37-132	1	40			
2-Fluorobiphenyl (S)	%						66	62	29-101					
Nitrobenzene-d5 (S)	%						59	56	24-98					
p-Terphenyl-d14 (S)	%						77	71	29-112					

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QUALITY CONTROL DATA

Project: Pelican Harbor Marina
Pace Project No.: 35668459

QC Batch: 769117	Analysis Method: FL-PRO
QC Batch Method: EPA 3546	Analysis Description: FL-PRO Soil
	Laboratory: Pace Analytical Services - Ormond Beach

Associated Lab Samples: 35668459001, 35668459002

METHOD BLANK: 4204917 Matrix: Solid
Associated Lab Samples: 35668459001, 35668459002

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Petroleum Range Organics	mg/kg	5.1 U	5.9	5.1	10/14/21 05:20	
N-Pentatriacontane (S)	%	95	42-159		10/14/21 05:20	
o-Terphenyl (S)	%	89	66-136		10/14/21 05:20	

LABORATORY CONTROL SAMPLE: 4204918

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Petroleum Range Organics	mg/kg	199	181	91	65-119	
N-Pentatriacontane (S)	%			93	42-159	
o-Terphenyl (S)	%			93	66-136	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 4204919 4204920

Parameter	Units	35668400001		35668400001		35668400001		35668400001		% Rec Limits	RPD	Max RPD	Qual
		MS Result	MSD Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec				
Petroleum Range Organics	mg/kg	10.3 U		405	406	372	357	90	87	39-181	4	25	
N-Pentatriacontane (S)	%							90	89	42-159			
o-Terphenyl (S)	%							90	85	66-136			

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QUALITY CONTROL DATA

Project: Pelican Harbor Marina
Pace Project No.: 35668459

QC Batch: 768034	Analysis Method: ASTM D2974-87
QC Batch Method: ASTM D2974-87	Analysis Description: Dry Weight/Percent Moisture
	Laboratory: Pace Analytical Services - Ormond Beach

Associated Lab Samples: 35668459001, 35668459002

SAMPLE DUPLICATE: 4198408

Parameter	Units	35668404001 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	12.4	18.8	41	10	J(D6)

SAMPLE DUPLICATE: 4198409

Parameter	Units	35668412002 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	8.1	8.4	3	10	

SAMPLE DUPLICATE: 4198410

Parameter	Units	35668416004 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	16.2	14.1	14	10	J(D6)

SAMPLE DUPLICATE: 4198411

Parameter	Units	35668418004 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	14.6	14.2	2	10	

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QUALIFIERS

Project: Pelican Harbor Marina

Pace Project No.: 35668459

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit - The lowest concentration value that meets project requirements for quantitative data with known precision and bias for a specific analyte in a specific matrix.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Reported results are not rounded until the final step prior to reporting. Therefore, calculated parameters that are typically reported as "Total" may vary slightly from the sum of the reported component parameters.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

I The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit.

U Compound was analyzed for but not detected.

J(D6) Estimated Value. The relative percent difference (RPD) between the sample and sample duplicate exceeded laboratory control limits.

J(M1) Estimated Value. Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.

MS Analyte recovery in the matrix spike was outside QC limits for one or more of the constituent analytes used in the calculated result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Pelican Harbor Marina

Pace Project No.: 35668459

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
35668459001	SB-N	EPA 3546	769117	FL-PRO	769311
35668459002	SB-S	EPA 3546	769117	FL-PRO	769311
35668459001	SB-N	EPA 3546	769373	EPA 8270	769749
35668459002	SB-S	EPA 3546	769373	EPA 8270	769749
35668459001	SB-N	EPA 5035	768370	EPA 8260	768373
35668459002	SB-S	EPA 5035	768370	EPA 8260	768373
35668459001	SB-N	ASTM D2974-87	768034		
35668459002	SB-S	ASTM D2974-87	768034		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

W0# : 35668459



35668459

Y RECORD

Quote: _____
 Page 1 of 1

Company Name: Cherokee PO# _____
 Address: 2981 NW 113 Court
 City: Madley State: FL Zip: 33178
 Fax# _____
 Charles Overstreet
 CharlesOverstreet@CherokeeCorfa.com 954 260-2713
 Project Name: Pelican Harbor Marina Proj # _____
 Signature: Charles Overstreet
 Circle One Event: Daily Weekly Monthly
 Quarterly Semi-Annual Annual N/A

Sample #	Sample ID	Collect Date	Collect Time	Matrix Code*	Total # of containers	Parameters			EDD (Fees May Apply)	COC Condition	Required State Certification	Coolers #'s - Temp °C				
						TRC	pH	Pres Codes					ADAPT	SEDD	ERPIMS	TSV
1	SB-N	10/6/21	2:45	50	5				PAID	OK	1U170	1 2 3 4	2	3	4	5
2	SB-S	10/6/21	3:00	50	5				PAID	OK	1730	1 2 3 4	2	3	4	5
3																
4																
5																
6																
7																
8																
9																
10																

LAB ANALYSIS

Matrix Codes: SD Solids Waste, GW Ground Water, EFF Effluent, AFW Analyte Free H2O, WW Waste Water, DW Drinking Water, SW Surface Water, ML Misc. Liquid, OL Oil, SL Sludge, SO Soil Sediment, AQ Aqueous, NA Nonaqueous petroleum, O Other (Please specify)

Preservative Type Codes: A. None, B. HNO3, C. H2SO4, D. NaOH, E. HCL, F. MeOH, G. Na2S2O3, H. NaHSO4, I. Ice, J. MCAA, K. Zn Acetate, O. Other

Container Type Codes: ES Encore Sampler, CV Prepreserved vial, P Plastic, AL Amber Liter, CL Clear Liter, AP Amber Plastic, AG Amber Glass, SJ Soil Jar, Other: PPV Prepreserved vial, Size(s): 2oz, 4oz, 8oz, 16oz, 32oz or 1L, other

Example: 4ozP = 4oz Plastic, 6ozSJ = 6oz Soil Jar

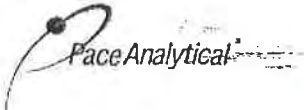
Container Type Codes: ES Encore Sampler, CV Prepreserved vial, P Plastic, AL Amber Liter, CL Clear Liter, AP Amber Plastic, AG Amber Glass, SJ Soil Jar, Other: PPV Prepreserved vial, Size(s): 2oz, 4oz, 8oz, 16oz, 32oz or 1L, other

Example: 4ozP = 4oz Plastic, 6ozSJ = 6oz Soil Jar

C.O.C. Serial # 116881

Revision: F-ALL-C-007 - Rev.00

Compano Lab 954-582-4300



Sample Condition

Form (SCUR)

Project #

WO#: 35668459

Project Manager:

PM: RYG

Due Date: 10/14/21

Client:

CLIENT: 36-CHERENT

Date and Initials of person:

Examining contents:

Label:

Deliver:

pH:

[Handwritten signature]

Thermometer Used: T-389

Date: 10/17/21

Time: 2327

Initials: *[Handwritten initials]*

State of Origin:

For WV projects, all containers verified to $\leq 6^\circ\text{C}$

Cooler #1 Temp. °C 2.1 (Visual) +0.0 (Correction Factor) 2.1 (Actual)

Samples on ice, cooling process has begun

Cooler #2 Temp. °C 1.9 (Visual) _____ (Correction Factor) 1.9 (Actual)

Samples on ice, cooling process has begun

Cooler #3 Temp. °C 3.1 (Visual) _____ (Correction Factor) 3.1 (Actual)

Samples on ice, cooling process has begun

Cooler #4 Temp. °C _____ (Visual) _____ (Correction Factor) _____ (Actual)

Samples on ice, cooling process has begun

Cooler #5 Temp. °C _____ (Visual) _____ (Correction Factor) _____ (Actual)

Samples on ice, cooling process has begun

Cooler #6 Temp. °C _____ (Visual) _____ (Correction Factor) _____ (Actual)

Samples on ice, cooling process has begun

Recheck for OOT °C _____ (Visual) _____ (Correction Factor) _____ (Actual) Time: _____ Initials: _____

Courier: Fed Ex UPS USPS Client Commercial Pace Other _____

Shipping Method: First Overnight Priority Overnight Standard Overnight Ground International Priority

Other _____

Billing: Recipient Sender Third Party Credit Card Unknown

Tracking # _____

Custody Seal on Cooler/Box Present: Yes No Seals intact: Yes No Ice: Wet Blue Melted None

Packing Material: Bubble Wrap Bubble Bags None Other _____

Samples shorted to lab (If Yes, complete) Shorted Date: _____ Shorted Time: _____ Qty: _____

Comments:

Chain of Custody Present	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Chain of Custody Filled Out	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Relinquished Signature & Sampler Name COC	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Samples Arrived within Hold Time	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Rush TAT requested on COC	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	
Sufficient Volume	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Correct Containers Used	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Containers Intact	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Sample Labels match COC (sample IDs & date/time of collection)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
All containers needing acid/base preservation have been checked.	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	Preservation Information: Preservative: _____ Lot #/Trace #: _____ Date: _____ Time: _____ Initials: _____
All Containers needing preservation are found to be in compliance with EPA recommendation:	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
Exceptions: Vials, Microbiology, O&G, PFAS		
Headspace in VOA Vials? (>6mm):	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
Trip Blank Present:	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	

Comments/ Resolution (use back for additional comments):



WO#: 35668459

3UR)

Project #
Project Manager:
Client:

PM: RYG Due Date: 10/14/21
CLIENT: 36-CHERENT

Date and Initials of person:
Examining contents:
Label:
Deliver:
pH:

Thermometer Used: T382 Date: 10/7 Time: 1730 Initials: [Signature]

State of Origin: For WV projects, all containers verified to <=6 °C

Cooler #1 Temp. °C 4.5 (Visual) 0.1 (Correction Factor) 4.6 (Actual)
Cooler #2 Temp. °C 3.8 (Visual) 0.1 (Correction Factor) 3.9 (Actual)
Cooler #3 Temp. °C 4.7 (Visual) 0.1 (Correction Factor) 4.8 (Actual)
Cooler #4 Temp. °C (Visual) (Correction Factor) (Actual)
Cooler #5 Temp. °C (Visual) (Correction Factor) (Actual)
Cooler #6 Temp. °C (Visual) (Correction Factor) (Actual)
Recheck for OOT °C (Visual) (Correction Factor) (Actual) Time: Initials:

Courier: Fed Ex UPS USPS Client Commercial Pace Other
Shipping Method: First Overnight Priority Overnight Standard Overnight Ground International Priority Other

Billing: Recipient Sender Third Party Credit Card Unknown

Tracking #

Custody Seal on Cooler/Box Present: Yes No Seals intact: Yes No Ice: We Blue Melted None

Packing Material: Bubble Wrap Bubble Bags None Other

Samples shorted to lab (If Yes, complete) Shorted Date: Shorted Time: Qty:

Comments:

Table with 3 columns: Item, Yes/No/N/A checkboxes, and Comments. Rows include Chain of Custody Present, Relinquished Signature, Samples Arrived within Hold Time, Sufficient Volume, Correct Containers Used, Containers Intact, Sample Labels match COC, All containers needing acid/base preservation have been checked, All Containers needing preservation are found to be in compliance with EPA recommendation, Headspace in VOA Vials?, Trip Blank Present.

Comments/ Resolution (use back for additional comments):



FLORIDA DEPARTMENT OF Environmental Protection

Southeast District Office
3301 Gun Club Road, MSC 7210-1
West Palm Beach, FL 33406
561-681-6600

Ron DeSantis
Governor

Jeanette Nuñez
Lt. Governor

Shawn Hamilton
Secretary

May 2, 2022

Ms. Maria Nardi, Director
Miami-Dade County Parks, Recreation & Open Spaces Department
24777 SW 87th Avenue
Miami, FL 33032
Maria.Nardi@miamidade.gov

Re: Pelican Harbor Marina
Regulated Storage Tanks Facility ID #: 8504337
Miami-Dade County

Dear Ms. Nardi:

Department personnel conducted a storage tank inspection at the above-referenced facility on October 11, 2021. Based on the information provided following the inspection, the facility was determined to be in compliance with the Department's rules and regulations. Any non-compliance items which may have been identified at the time of the inspection have been corrected.

The Department appreciates your efforts to maintain this facility in compliance with state and federal rules. Should you have any questions or comments, please contact Judy Dolan at 561/681-6733 or via e-mail at Judy.Dolan@Floridadep.gov.

Sincerely,

A handwritten signature in blue ink, appearing to read "G. Kennedy", is enclosed in a rectangular box.

Greg Kennedy, Environmental Administrator
Southeast District
Florida Department of Environmental Protection

Ec: Greg Kennedy, FDEP
Judy Dolan, FDEP
David Leyva, MDPROS
Abraham Alende, MDPROS

Greg.A.Kennedy@FloridaDEP.gov
Judy.Dolan@FloridaDEP.gov
David.Leyva@miamidade.gov
Abraham.Alende@miamidade.gov

Appendix C: Field Photographs of Medium/High Risk Sites

Existing Bridges
SR 934, North Bay Village, FL



Photo 1 Existing western bridge, view from southern limits



Photo 2 Existing eastern bridge, view from northern limits

Exxon/Shell North Bay Village
Address: 7903 East Dr, North Bay Village, FL 33141



Photo 3 Fuel islands



Photo 4 Back of gas station



Photo 5 Car wash facility on site

Clear Channel Comm WIOD-AM
Address: 1415 NE 79th St North Bay Village, FL 33141



Photo 6 Front of facility

Speedway #6893

Address: 1508 79th St Causeway North Bay Village, FL 33141

Facility ID: 8506324; Discharge ID: 13088



Photo 7 Gas station entrance and parking lot



Photo 8 Fuel islands



Photo 9 Back of gas station

Speedway #6893

Address: 1508 79th St Causeway North Bay Village, FL 33141

Facility ID: 8506324; Discharge ID: 13088



Photo 10 Remaining empty lot, eastern portion



Photo 11 Remaining empty lot, western portion

Former Gas Station/Restaurant

Address: 1555 79th Street, North Bay Village, FL 33141

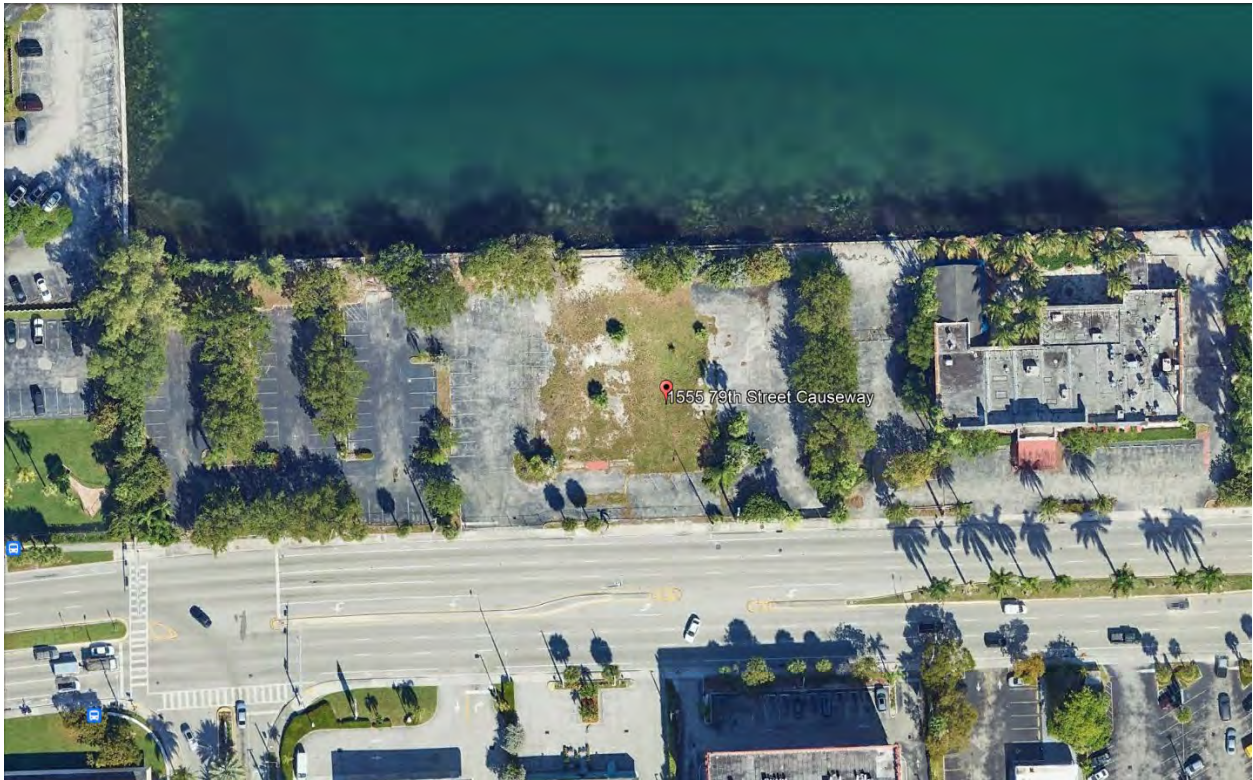


Photo 12 Aerial View of Cleared Parcel



Photo 13 Parcel Showing Fencing and Trees, facing northeast



Photo 14 Parcel facing East

Pelican Harbor Marina

Address: 1275 NE 79th St Miami, FL 33138



Photo 15 Aerial View of Pelican Harbor Marina



Photo 16 Marina Main Building, facing northeast



Photo 17 Marina Building, Facing North



Photo 18 Ancillary Building at Marina, Facing South



Photo 19 Marina Building and Picnic Area, facing north

Appendix D: Property Appraiser Information

Site 1 Exxon/Shell – North Bay Village

PROPERTY RECORD CARD

Generated Date: 09/20/2023

OFFICE OF THE PROPERTY APPRAISER

Roll Year: 2022

2022 Current

DOR CODE: 2626 SERVICE STATION : SERVICE STATION - AUTOMOTIVE STATUS: ACTIVE EFLG:

** Note: values are subject to change due to tax roll corrections **

CURRENT OWNER AND MAILING:	LEGAL DESCRIPTION:	ACCOUNT FLAGS:	VALUE
NORTH BAY VILLAGE FAA LLC	HARBOR ISLAND PB 44-72	# CAT TYPE DESCRIPTION	
1345 79 ST CSWY	LOT 1		
NO BAY VILLAGE FL 33141	LOT SIZE IRREGULAR		
	OR 18617-4643 0599 6		

MCD:	2300 North Bay Village	ZONING 1:	6000 COMMERCIAL - GENERAL
CTCASE:	N % CAP: 0.00	DISTRICT:	6 ZONING 2: 0000
HEX BASE YR:	0 PORT YR: 0	GPAR:	0 NON-HEX BASE YR: 2008
AG:	N NFC: N	EEL/CONS EASMNT: N	EEL/CONS COVENANT: N NH CD: 150.00 NO BAY VILLAGE

ADDITIONAL PROPERTY INFORMATION

LOT SIZE:	32,938 S	BUILDING AREA:	7,296	L/B RATIO:	4.51	POOL:	N	AVG UNIT SIZE:	0.00
BUILDINGS:	2	YEAR BLT:	1968	EFF AGE:	1968	UNITS:	0		
BDRM:	0	BATH:	0	1/2 BTH:	0	EFF:	0		
1BD:	0	2BD:	0	3BD:	0	4BD:	0		

VALUE HISTORY:	2020	2021	2022	\$ UNIT OF MEASURE	\$ PER UNIT
LAND VALUE	2,190,377	2,190,377	2,972,654	90.25	
BUILDING VALUE	392,125	390,147	436,878	59.88	
MARKET VALUE	2,582,502	2,580,524	3,409,532	467.32	0.00
ASSESSED VALUE	2,383,588	2,580,524	2,838,576		
TOTAL EXEMPTION VALUE	0	0	0		

SALE HISTORY

#	AMOUNT	DATE	I/V	SALE TYPE	SALECD	ORBOOK	ORPG	GRANTOR	GRANTEE
01	1,400,000	05/01/1999	I	Unqualified	03	18617	4643		
02	1,275,000	06/01/1995	I	Unqualified	03	16826	0892		
03	340,000	11/01/1993	I	Unqualified	03	16143	4755		
04	187,500	06/01/1990	I	Qualified	00	14574	2785		
05	0	06/01/1990		Unqualified	01	00000	00000		
06	0	05/01/1990		Unqualified	01	14554	3651		
07	500,000	09/01/1983	I	Qualified	00	11954	0267		
08	245,000	08/01/1973		Qualified	00	00000	00000		

PREVIOUS OWNER INFORMATION

01 CAUSEWAY AUTO WORKS INC	02 OR 14554-3651 0590 3	03 DANNY'S SERVICE STATION INC
----------------------------	-------------------------	--------------------------------

04 OR 14574-2785 0690 1
07 NELANA CORPORATION

05 NBV CORP
08 OR 16826-0892 0695 6

06 OR 16143-4755 1193 6
09

EXEMPTIONS:

2020 2021 2022

LAND RECORD CARD

Generated Date: 09/20/2023

OFFICE OF THE PROPERTY APPRAISER

Roll Year: 2022

2022 Current

DOR CODE: 2626 SERVICE STATION : SERVICE STATION - AUTOMOTIVE STATUS: ACTIVE EFLG:

** Note: values are subject to change due to tax roll corrections **

TOT LOT SIZE: 32,938 S USE CODE: 2626 ZONING 1: 6000 COMMERCIAL - GENERAL
MKT LND VAL: 2,972,654 OVERALL RATE: 0.00 ZONING 2: 0000
AG MKT VAL: 0 AG VALUE: 0 AG DIFF: 0
ZNG ORDN: LND CHG: LND CHG DATE:

MARKET LAND

CODE DESCRIPTION	ZONE TYP	FF	DEPTH	DFAC	%COND	UNITS	UNITPRC	ADJUPRC	VALUE	OVERRVAL
00 GENERAL	6000 S	0.00	0.00	1.0000	0.95	32,938.00	95.00	90.25	2,972,654	
INF CODE REASON										
0										

CLASSIFIED AG

MARKET AG

BUILDING RECORD CARD

Generated Date: 09/20/2023

2022 Current

OFFICE OF THE PROPERTY APPRAISER

Roll Year: 2022

DOR CODE: 2626 SERVICE STATION : SERVICE STATION - AUTOMOTIVE STATUS: ACTIVE EFLG:

** Note: values are subject to change due to tax roll corrections **

BUILDING INFORMATION

BLDG#	SEGID	ACTYR	EFFAGE	TYPE	DT	CLASS	GRADE	BASEPRICE	TOTADJPTS	ADJBASEPRC	ADJAREA	REPCOSTNEW
1	1	1968	1968	0040	02	1	2	75.00	164	123.00	3,538	435,174

FUNC	ECON	PHYS	%GOOD	ITEMS	DEPRVALUE	OVERRVALUE	TOTALVALUE	ADJ.AREA	STYLE	DESCRIPTION
0.00	0.00	0.00	55.00	0.00	239,346		0	3,538	64	Service Station - Self-Service

BEDROOMS: 0 BATHROOMS: 0 HALF-BATHS: 0 FLOORS: 1 UNITS: 0

SUBAREA INFORMATION

DESCRIPTION	YEAR ON	ACTUAL AR	ADJ AREA	DEPR VAL
Gas Station	1968	3,538	3,538	239,346

STRUCTURAL ELEMENTS INFORMATION

CATEGORY	POINTS
Exterior Wall	31.00
Electrical	15.00
Plumbing	11.00
Interior Walls	34.00
Interior Flooring	15.00
Roofing Structure	7.00
Decking	8.00
Roofing Cover	6.00
Foundation	5.00
Grade	32.00
TOTAL	164.00

EXTRA FEATURES INFORMATION

XFCD DESCRIPTION	SEG	UNITS	UNITPRC	ACYR	EFYR	DT	NOTES	OR%	%GD	DEPRECVL	OVERRVAL
0097 Paving - Concrete	1	3,693	3.50	1968	1968	02		1	1	7,109	
0096 Paving - Asphalt	1	14,348	1.50	1968	1968	02		1	1	11,837	
0128 Wall - CBS 4 to 8 in, reinforced	1	90	8.00	1968	1968	02		1	1	396	
0004 Cent A/C - Comm (Aprox 300 sqft/Ton)	1	5	1,500.00	1994	1994	02		1	1	5,625	
0004 Cent A/C - Comm (Aprox 300 sqft/Ton)	1	5	1,500.00	1999	1999	02		1	1	6,000	
TOTAL XF VALUE BLDG 1:										30,967	

BUILDING RECORD CARD

Generated Date: 09/20/2023

2022 Current

OFFICE OF THE PROPERTY APPRAISER

Roll Year: 2022

DOR CODE: 2626 SERVICE STATION : SERVICE STATION - AUTOMOTIVE STATUS: ACTIVE EFLG:

** Note: values are subject to change due to tax roll corrections **

BUILDING INFORMATION

BLDG#	SEGID	ACTYR	EFFAGE	TYPE	DT	CLASS	GRADE	BASEPRICE	TOTADJPTS	ADJBASEPRC	ADJAREA	REPCOSTNEW
1	2	1994	1994	0040	02	1	0	75.00	56	42.00	3,080	129,360

FUNC	ECON	PHYS	%GOOD	ITEMS	DEPRVALUE	OVERRVALUE	TOTALVALUE	ADJ.AREA	STYLE	DESCRIPTION
0.00	0.00	0.00	75.00	0.00	97,020		0	3,080	75	Canopy (Gas Station)

BEDROOMS: 0 BATHROOMS: 0 HALF-BATHS: 0 FLOORS: 1 UNITS: 0

SUBAREA INFORMATION

DESCRIPTION	YEAR ON	ACTUAL AR	ADJ AREA	DEPR VAL
Canopy	1994	3,080	3,080	97,020

STRUCTURAL ELEMENTS INFORMATION

CATEGORY	POINTS
Electrical	3.00
Floor Finish	6.00
Interior	10.00
Roofing Structure	16.00
Roofing Cover	8.00
Decking	8.00
Structural Frame	5.00
TOTAL	56.00

EXTRA FEATURES INFORMATION

XFCD DESCRIPTION	SEG	UNITS	UNITPRC	ACYR	EFYR	DT	NOTES	OR%	%GD	DEPRECVL	OVERRVAL
------------------	-----	-------	---------	------	------	----	-------	-----	-----	----------	----------

BUILDING RECORD CARD

Generated Date: 09/20/2023

OFFICE OF THE PROPERTY APPRAISER

Roll Year: 2022

2022 Current

DOR CODE: 2626 SERVICE STATION : SERVICE STATION - AUTOMOTIVE STATUS: ACTIVE EFLG:

** Note: values are subject to change due to tax roll corrections **

BUILDING INFORMATION

BLDG#	SEGID	ACTYR	EFFAGE	TYPE	DT	CLASS	GRADE	BASEPRICE	TOTADJPTS	ADJBASEPRC	ADJAREA	REPCOSTNEW
2	1	2002	2002	0040	02	1	2	75.00	147	110.25	396	43,659

FUNC	ECON	PHYS	%GOOD	ITEMS	DEPRVALUE	OVERRVALUE	TOTALVALUE	ADJ.AREA	STYLE	DESCRIPTION
0.00	0.00	0.00	83.00	0.00	36,237		0	396	64	Service Station - Self-Service

BEDROOMS: 0 BATHROOMS: 0 HALF-BATHS: 0 FLOORS: 1 UNITS: 0

SUBAREA INFORMATION

DESCRIPTION	YEAR ON	ACTUAL AR	ADJ AREA	DEPR VAL
Car Wash Semi-enclosed	2002	594	396	36,237

STRUCTURAL ELEMENTS INFORMATION

CATEGORY	POINTS
Exterior Wall	31.00
Electrical	15.00
Plumbing	11.00
Interior Flooring	15.00
Roofing Structure	24.00
Roofing Cover	6.00
Decking	8.00
Foundation	5.00
Grade	32.00
TOTAL	147.00

EXTRA FEATURES INFORMATION

XFCD DESCRIPTION	SEG	UNITS	UNITPRC	ACYR	EFYR	DT	NOTES	OR%	%GD	DEPRECVL	OVERRVAL
0017 Dairy Barn - Frame	3	1	11.00	2002	2002	02		1	1	9	

TOTAL XF VALUE BLDG 2: 9

TOTAL SEG ADJ VALUE BLDG 2: 36,237

TOTAL XF ADJ VALUE BLDG 2: 9

TOTAL SEG AND XF ADJ VALUE BLDG 2: 36,246

TOTAL SEG AND XF SITE VALUE BLDG 2: 36,246

TOTAL ADJ VALUE OF ALL BUILDINGS AND XF : 436,878

TOTAL AREA (ADJ SQ FT) OF ALL BUILDINGS : 7,296

TOTAL SITE VALUE OF ALL BUILDINGS AND XF : 0

TOTAL IMPROVEMENT VALUE : 436,878

Site 2 North Bay Village City – City Hall

PROPERTY RECORD CARD

Generated Date: 09/20/2023

OFFICE OF THE PROPERTY APPRAISER

Roll Year: 2022

2022 Current

DOR CODE: 8040 VACANT GOVERNMENTAL : MUNICIPAL

STATUS: ACTIVE EFLG:

** Note: values are subject to change due to tax roll corrections **

CURRENT OWNER AND MAILING:

NORTH-BAY VILLAGE
7903 EAST DR
NO BAY VILLAGE FL 33141-3310

LEGAL DESCRIPTION:

HARBOR ISLAND PB 44-72
LOT 3
LOT SIZE 32169 SQUARE FEET

ACCOUNT FLAGS:

CAT TYPE DESCRIPTION

VALUE

MCD: 2300 North Bay Village ZONING 1: 6000 COMMERCIAL - GENERAL
 CTCASE: N % CAP: 0.00 DISTRICT: 6 ZONING 2: 0000
 HEX BASE YR: 0 PORT YR: 0 GPAR: 0 NON-HEX BASE YR: 2008
 AG: N NFC: N EEL/CONS EASMNT: N EEL/CONS COVENANT: N NH CD: 150.00 NO BAY VILLAGE

ADDITIONAL PROPERTY INFORMATION

LOT SIZE: 32,169 S BUILDING AREA: 0 L/B RATIO: 0.00 POOL: N AVG UNIT SIZE: 0.00
 BUILDINGS: 0 YEAR BLT: 0000 EFF AGE: 0000 UNITS: 0
 BDRM: 0 BATH: 0 1/2 BTH: 0 EFF: 0
 1BD: 0 2BD: 0 3BD: 0 4BD: 0

VALUE HISTORY:	2020	2021	2022	\$ UNIT OF MEASURE	\$ PER UNIT
LAND VALUE	2,251,830	2,251,830	3,056,055	95.00	
BUILDING VALUE	0	0	0	0.00	
MARKET VALUE	2,251,830	2,251,830	3,056,055	95.00	0.00
ASSESSED VALUE	1,880,644	2,068,708	2,275,578		
TOTAL EXEMPTION VALUE	1,880,644	2,068,708	2,275,578		

SALE HISTORY

#	AMOUNT	DATE	I/V	SALE TYPE	SALECD	ORBOOK	ORPG	GRANTOR	GRANTEE
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PREVIOUS OWNER INFORMATION

EXEMPTIONS:	2020	2021	2022
Municipal	1,880,644	2,068,708	2,275,578

LAND RECORD CARD

Generated Date: 09/20/2023

OFFICE OF THE PROPERTY APPRAISER

Roll Year: 2022

2022 Current

DOR CODE: 8040 VACANT GOVERNMENTAL : MUNICIPAL

STATUS: ACTIVE EFLG:

** Note: values are subject to change due to tax roll corrections **

TOT LOT SIZE: 32,169 S USE CODE: 8040 ZONING 1: 6000 COMMERCIAL - GENERAL
MKT LND VAL: 3,056,055 OVERALL RATE: 0.00 ZONING 2: 0000
AG MKT VAL: 0 AG VALUE: 0 AG DIFF: 0
ZNG ORDN: LND CHG: LND CHG DATE:

MARKET LAND

CODE DESCRIPTION	ZONE TYP	FF	DEPTH	DFAC	%COND	UNITS	UNITPRC	ADJUPRC	VALUE	OVERRVAL
00 GENERAL	6000 S	0.00	0.00	1.0000	1.00	32,169.00	95.00	95.00	3,056,055	
INF CODE REASON										
0										

CLASSIFIED AG

MARKET AG

BUILDING RECORD CARD

Generated Date: 09/20/2023

2022 Current

OFFICE OF THE PROPERTY APPRAISER

Roll Year: 2022

DOR CODE: 8040 VACANT GOVERNMENTAL : MUNICIPAL

STATUS: ACTIVE EFLG:

** Note: values are subject to change due to tax roll corrections **

TOTAL ADJ VALUE OF ALL BUILDINGS AND XF	:	0
TOTAL AREA (ADJ SQ FT) OF ALL BUILDINGS	:	0
TOTAL SITE VALUE OF ALL BUILDINGS AND XF	:	0
TOTAL IMPROVEMENT VALUE	:	0

Site 3 Clear Channel Comm WIOD-AM

PROPERTY RECORD CARD

Generated Date: 09/20/2023

(Value Adjustment Board 3/14/2023)

OFFICE OF THE PROPERTY APPRAISER

Roll Year: 2022

DOR CODE: 9163 UTILITY : UTILITY

STATUS: ACTIVE EFLG: E

** Note: values are subject to change due to tax roll corrections **

CURRENT OWNER AND MAILING:

SUNBEAM TELEVISION CORPORATION

1401 79 STREET CSWY
MIAMI FL 33141

LEGAL DESCRIPTION:

9 53 42 3.34 AC
BEG 1716FTE & 50FTN OF 1/2 MP ON
W/L OF SEC N605FT E244FT S505FT
SWLY TO N R/W/L OF NE 79TH ST
W224FT TO POB
(More...) LOT SIZE 145490 SQUARE FEET

ACCOUNT FLAGS:

CAT TYPE DESCRIPTION

VALUE

MCD: 2300 North Bay Village ZONING 1: 6000 COMMERCIAL - GENERAL
 CTCASE: Z % CAP: 0.00 DISTRICT: 6 ZONING 2: 0000
 HEX BASE YR: 0 PORT YR: 0 GPAR: 0 NON-HEX BASE YR: 2022
 AG: N NFC: N EEL/CONS EASMNT: N EEL/CONS COVENANT: N NH CD: 150.00 NO BAY VILLAGE

ADDITIONAL PROPERTY INFORMATION

LOT SIZE: 145,490 S BUILDING AREA: 17,426 L/B RATIO: 8.35 POOL: N AVG UNIT SIZE: 0.00
 BUILDINGS: 2 YEAR BLT: 1956 EFF AGE: 1956 UNITS: 0
 BDRM: 0 BATH: 0 1/2 BTH: 0 EFF: 0
 1BD: 0 2BD: 0 3BD: 0 4BD: 0

VALUE HISTORY:	2020	2021	2022	\$ UNIT OF MEASURE	\$ PER UNIT
LAND VALUE	13,094,100	13,094,100	24,505,000	168.43	
BUILDING VALUE	100,000	100,000	100,000	5.74	
MARKET VALUE	13,194,100	13,194,100	24,605,000	1,411.97	0.00
ASSESSED VALUE	13,033,149	13,194,100	24,605,000		
TOTAL EXEMPTION VALUE	0	0	0		

SALE HISTORY

#	AMOUNT	DATE	I/V	SALE TYPE	SALECD	ORBOOK	ORPG	GRANTOR	GRANTEE
04	29,000,000	03/05/2021	I	Qualified	05	32388	1914	ISLE OF DREAMS LLC	SUNBEAM TELEVISION CORPORATION
01	1,300,000	10/01/2004	I	Unqualified	03	22732	4088		
02	2,455,000	12/01/1997	I	Qualified	02	17899	2792		
03	2,250,000	10/01/1996	I	Qualified	02	17383	0657		

PREVIOUS OWNER INFORMATION

01 MIAMI VALLEY BROADCASTING CORP 02 % WIOD INC 03 PAXSON BROADCASTING OF MIAMI LTD
 04 OR 17383-0657 1096 2(2) 05 L PAXSON INC 06 OR 17816-2333 1097 5(2)
 07 CLEAR CHANNEL METROPLEX INC 08 OR 17899-2792 1297 2(2) 09

EXEMPTIONS:	2020	2021	2022

(Value Adjustment Board 3/14/2023)

LAND RECORD CARD
OFFICE OF THE PROPERTY APPRAISER

Generated Date: 09/20/2023
Roll Year: 2022

DOR CODE: 9163 UTILITY : UTILITY

STATUS: ACTIVE EFLG: E

** Note: values are subject to change due to tax roll corrections **

TOT LOT SIZE: 145,490 S	USE CODE: 9163	ZONING 1: 6000 COMMERCIAL - GENERAL
MKT LND VAL: 24,505,000	OVERALL RATE: 0.00	ZONING 2: 0000
AG MKT VAL: 0	AG VALUE: 0	AG DIFF: 0
ZNG ORDN:	LND CHG:	LND CHG DATE:

MARKET LAND

CODE DESCRIPTION	ZONE TYP	FF	DEPTH	DFAC	%COND	UNITS	UNITPRC	ADJUPRC	VALUE	OVERRVAL
00 GENERAL	6000 S	0.00	0.00	1.0000	1.00	145,490.00	175.00	175.00	25,460,750	
INF CODE REASON										
0										

CLASSIFIED AG

MARKET AG

(Value Adjustment Board 3/14/2023)

BUILDING RECORD CARD
OFFICE OF THE PROPERTY APPRAISER

Generated Date: 09/20/2023

Roll Year: 2022

DOR CODE: 9163 UTILITY : UTILITY

STATUS: ACTIVE EFLG: E

** Note: values are subject to change due to tax roll corrections **

BUILDING INFORMATION

BLDG#	SEGID	ACTYR	EFFAGE	TYPE	DT	CLASS	GRADE	BASEPRICE	TOTADJPTS	ADJBASEPRC	ADJAREA	REPCOSTNEW
1	2	1956	1956	0040	02	1	0	75.00	174	130.50	3,429	447,484

FUNC	ECON	PHYS	%GOOD	ITEMS	DEPRVALUE	OVERRVALUE	TOTALVALUE	ADJ.AREA	STYLE	DESCRIPTION
0.00	0.00	0.00	55.00	0.00	246,116	0	0	3,429	00	Base Area

BEDROOMS: 0 BATHROOMS: 0 HALF-BATHS: 0 FLOORS: 2 UNITS: 0

SUBAREA INFORMATION

DESCRIPTION	YEAR ON	ACTUAL AR	ADJ AREA	DEPR VAL
Base Area	1956	-1	3,429	246,116

STRUCTURAL ELEMENTS INFORMATION

CATEGORY	POINTS
Exterior Wall	22.00
Electrical	19.00
Plumbing	10.00
Interior Walls	45.00
Interior Flooring	7.00
Roofing Structure	22.00
Roofing Cover	8.00
Foundation	13.00
Frame	20.00
Grade	8.00
TOTAL	174.00

EXTRA FEATURES INFORMATION

XFCD DESCRIPTION	SEG	UNITS	UNITPRC	ACYR	EFYR	DT	NOTES	OR%	%GD	DEPRECVL	OVERRVAL
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(Value Adjustment Board 3/14/2023)

BUILDING RECORD CARD
OFFICE OF THE PROPERTY APPRAISER

Generated Date: 09/20/2023
Roll Year: 2022

DOR CODE: 9163 UTILITY : UTILITY

STATUS: ACTIVE EFLG: E

** Note: values are subject to change due to tax roll corrections **

BUILDING INFORMATION

BLDG#	SEGID	ACTYR	EFFAGE	TYPE	DT	CLASS	GRADE	BASEPRICE	TOTADJPTS	ADJBASEPRC	ADJAREA	REPCOSTNEW
1	3	1956	1956	0040	02	1	0	75.00	147	110.25	6,499	716,515

FUNC	ECON	PHYS	%GOOD	ITEMS	DEPRVALUE	OVERRVALUE	TOTALVALUE	ADJ.AREA	STYLE	DESCRIPTION
0.00	0.00	0.00	55.00	0.00	394,083	0	0	6,499	00	Base Area

BEDROOMS: 0 BATHROOMS: 0 HALF-BATHS: 0 FLOORS: 2 UNITS: 0

SUBAREA INFORMATION

DESCRIPTION	YEAR ON	ACTUAL AR	ADJ AREA	DEPR VAL
Base Area	1956	-1	6,499	394,083

STRUCTURAL ELEMENTS INFORMATION

CATEGORY	POINTS
Exterior Wall	22.00
Electrical	19.00
Plumbing	10.00
Interior Walls	45.00
Interior Flooring	23.00
Frame	20.00
Grade	8.00
TOTAL	147.00

EXTRA FEATURES INFORMATION

XFCD DESCRIPTION	SEG	UNITS	UNITPRC	ACYR	EFYR	DT	NOTES	OR%	%GD	DEPRECVL	OVERRVAL
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BUILDING RECORD CARD

Generated Date: 09/20/2023

(Value Adjustment Board 3/14/2023)

OFFICE OF THE PROPERTY APPRAISER

Roll Year: 2022

DOR CODE: 9163 UTILITY : UTILITY

STATUS: ACTIVE EFLG: E

** Note: values are subject to change due to tax roll corrections **

BUILDING INFORMATION

BLDG#	SEGID	ACTYR	EFFAGE	TYPE	DT	CLASS	GRADE	BASEPRICE	TOTADJPTS	ADJBASEPRC	ADJAREA	REPCOSTNEW
1	4	1967	1967	0040	02	1	0	75.00	174	130.50	652	85,086

FUNC	ECON	PHYS	%GOOD	ITEMS	DEPRVALUE	OVERRVALUE	TOTALVALUE	ADJ.AREA	STYLE	DESCRIPTION
0.00	0.00	0.00	55.00	0.00	46,797	0	0	652	00	Base Area

BEDROOMS: 0 BATHROOMS: 0 HALF-BATHS: 0 FLOORS: 2 UNITS: 0

SUBAREA INFORMATION

DESCRIPTION	YEAR ON	ACTUAL AR	ADJ AREA	DEPR VAL
Base Area	1967	-1	652	46,797

STRUCTURAL ELEMENTS INFORMATION

CATEGORY	POINTS
Exterior Wall	22.00
Electrical	19.00
Plumbing	10.00
Interior Walls	45.00
Interior Flooring	7.00
Roofing Structure	22.00
Roofing Cover	8.00
Foundation	13.00
Frame	20.00
Grade	8.00
TOTAL	174.00

EXTRA FEATURES INFORMATION

XFCD DESCRIPTION	SEG	UNITS	UNITPRC	ACYR	EFYR	DT	NOTES	OR%	%GD	DEPRECVL	OVERRVAL
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(Value Adjustment Board 3/14/2023)

BUILDING RECORD CARD
OFFICE OF THE PROPERTY APPRAISER

Generated Date: 09/20/2023
Roll Year: 2022

DOR CODE: 9163 UTILITY : UTILITY

STATUS: ACTIVE EFLG: E

** Note: values are subject to change due to tax roll corrections **

BUILDING INFORMATION

BLDG#	SEGID	ACTYR	EFFAGE	TYPE	DT	CLASS	GRADE	BASEPRICE	TOTADJPTS	ADJBASEPRC	ADJAREA	REPCOSTNEW
1	5	1967	1967	0040	02	1	0	75.00	147	110.25	654	72,104

FUNC	ECON	PHYS	%GOOD	ITEMS	DEPRVALUE	OVERRVALUE	TOTALVALUE	ADJ.AREA	STYLE	DESCRIPTION
0.00	0.00	0.00	55.00	0.00	39,657	0	0	654	00	Base Area

BEDROOMS: 0 BATHROOMS: 0 HALF-BATHS: 0 FLOORS: 2 UNITS: 0

SUBAREA INFORMATION

DESCRIPTION	YEAR ON	ACTUAL AR	ADJ AREA	DEPR VAL
Base Area	1967	-1	654	39,657

STRUCTURAL ELEMENTS INFORMATION

CATEGORY	POINTS
Exterior Wall	22.00
Electrical	19.00
Plumbing	10.00
Interior Walls	45.00
Interior Flooring	23.00
Frame	20.00
Grade	8.00
TOTAL	147.00

EXTRA FEATURES INFORMATION

XFGD DESCRIPTION	SEG	UNITS	UNITPRC	ACYR	EFYR	DT	NOTES	OR%	%GD	DEPRECVL	OVERRVAL
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BUILDING RECORD CARD

Generated Date: 09/20/2023

(Value Adjustment Board 3/14/2023)

OFFICE OF THE PROPERTY APPRAISER

Roll Year: 2022

DOR CODE: 9163 UTILITY : UTILITY

STATUS: ACTIVE EFLG: E

** Note: values are subject to change due to tax roll corrections **

BUILDING INFORMATION

BLDG#	SEGID	ACTYR	EFFAGE	TYPE	DT	CLASS	GRADE	BASEPRICE	TOTADJPTS	ADJBASEPRC	ADJAREA	REPCOSTNEW
1	6	1971	1971	0040	02	1	0	75.00	174	130.50	1,538	200,709

FUNC	ECON	PHYS	%GOOD	ITEMS	DEPRVALUE	OVERRVALUE	TOTALVALUE	ADJ.AREA	STYLE	DESCRIPTION
0.00	0.00	0.00	55.00	0.00	110,390	0	0	1,538	00	Base Area

BEDROOMS: 0 BATHROOMS: 0 HALF-BATHS: 0 FLOORS: 2 UNITS: 0

SUBAREA INFORMATION

DESCRIPTION	YEAR ON	ACTUAL AR	ADJ AREA	DEPR VAL
Base Area	1971	-1	1,538	110,390

STRUCTURAL ELEMENTS INFORMATION

CATEGORY	POINTS
Exterior Wall	22.00
Electrical	19.00
Plumbing	10.00
Interior Walls	45.00
Interior Flooring	7.00
Roofing Structure	22.00
Roofing Cover	8.00
Foundation	13.00
Frame	20.00
Grade	8.00
TOTAL	174.00

EXTRA FEATURES INFORMATION

XFCD DESCRIPTION	SEG	UNITS	UNITPRC	ACYR	EFYR	DT	NOTES	OR%	%GD	DEPRECVL	OVERRVAL
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BUILDING RECORD CARD

Generated Date: 09/20/2023

(Value Adjustment Board 3/14/2023)

OFFICE OF THE PROPERTY APPRAISER

Roll Year: 2022

DOR CODE: 9163 UTILITY : UTILITY

STATUS: ACTIVE EFLG: E

** Note: values are subject to change due to tax roll corrections **

BUILDING INFORMATION

BLDG#	SEGID	ACTYR	EFFAGE	TYPE	DT	CLASS	GRADE	BASEPRICE	TOTADJPTS	ADJBASEPRC	ADJAREA	REPCOSTNEW
1	7	1971	1971	0040	02	1	0	75.00	147	110.25	1,538	169,564

FUNC	ECON	PHYS	%GOOD	ITEMS	DEPRVALUE	OVERRVALUE	TOTALVALUE	ADJ.AREA	STYLE	DESCRIPTION
0.00	0.00	0.00	55.00	0.00	93,260	0	0	1,538	00	Base Area

BEDROOMS: 0 BATHROOMS: 0 HALF-BATHS: 0 FLOORS: 2 UNITS: 0

SUBAREA INFORMATION

DESCRIPTION	YEAR ON	ACTUAL AR	ADJ AREA	DEPR VAL
Base Area	1971	-1	1,538	93,260

STRUCTURAL ELEMENTS INFORMATION

CATEGORY	POINTS
Exterior Wall	22.00
Electrical	19.00
Plumbing	10.00
Interior Walls	45.00
Interior Flooring	23.00
Frame	20.00
Grade	8.00
TOTAL	147.00

EXTRA FEATURES INFORMATION

XFGD DESCRIPTION	SEG	UNITS	UNITPRC	ACYR	EFYR	DT	NOTES	OR%	%GD	DEPRECVL	OVERRVAL
TOTAL SEG ADJ VALUE BLDG	1:									1,063,792	
TOTAL XF ADJ VALUE BLDG	1:									70,785	
TOTAL SEG AND XF ADJ VALUE BLDG	1:									1,134,577	
TOTAL SEG AND XF SITE VALUE BLDG	1:									100,000	

BUILDING RECORD CARD

Generated Date: 09/20/2023

(Value Adjustment Board 3/14/2023)

OFFICE OF THE PROPERTY APPRAISER

Roll Year: 2022

DOR CODE: 9163 UTILITY : UTILITY

STATUS: ACTIVE EFLG: E

** Note: values are subject to change due to tax roll corrections **

BUILDING INFORMATION

BLDG#	SEGID	ACTYR	EFFAGE	TYPE	DT	CLASS	GRADE	BASEPRICE	TOTADJPTS	ADJBASEPRC	ADJAREA	REPCOSTNEW
2	1	1976	1976	0040	02	1	2	75.00	75	56.25	34	1,912

FUNC	ECON	PHYS	%GOOD	ITEMS	DEPRVALUE	OVERRVALUE	TOTALVALUE	ADJ.AREA	STYLE	DESCRIPTION
0.00	0.00	0.00	57.00	0.00	1,090	0	0	34	00	Base Area

BEDROOMS: 0 BATHROOMS: 0 HALF-BATHS: 0 FLOORS: 1 UNITS: 0

SUBAREA INFORMATION

DESCRIPTION	YEAR ON	ACTUAL AR	ADJ AREA	DEPR VAL
Base Area	1976	-1	34	1,090

STRUCTURAL ELEMENTS INFORMATION

CATEGORY	POINTS
Exterior Wall	36.00
Electrical	10.00
Interior Flooring	7.00
Roofing Structure	7.00
Roofing Cover	3.00
Grade	12.00
TOTAL	75.00

EXTRA FEATURES INFORMATION

XFCD DESCRIPTION	SEG	UNITS	UNITPRC	ACYR	EFYR	DT	NOTES	OR%	%GD	DEPRECVL	OVERRVAL
TOTAL SEG ADJ VALUE BLDG 2:		1,090									
TOTAL XF ADJ VALUE BLDG 2:		0									
TOTAL SEG AND XF ADJ VALUE BLDG 2:		1,090									
TOTAL SEG AND XF SITE VALUE BLDG 2:		0									

TOTAL ADJ VALUE OF ALL BUILDINGS AND XF	:	1,135,667
TOTAL AREA (ADJ SQ FT) OF ALL BUILDINGS	:	17,426
TOTAL SITE VALUE OF ALL BUILDINGS AND XF	:	100,000
TOTAL IMPROVEMENT VALUE	:	100,000

Site 4 Speedway #6893

PROPERTY RECORD CARD

Generated Date: 09/20/2023

OFFICE OF THE PROPERTY APPRAISER

Roll Year: 2022

2022 Current

DOR CODE: 2626 SERVICE STATION : SERVICE STATION - AUTOMOTIVE STATUS: ACTIVE EFLG:

** Note: values are subject to change due to tax roll corrections **

CURRENT OWNER AND MAILING: LEGAL DESCRIPTION: ACCOUNT FLAGS:
HESS REALTY LLC 9 53 42 # CAT TYPE DESCRIPTION VALUE
539 S MAIN STREET TREASURE ISL COMM ADDN PB 52-84
FINDLAY OH 45840 LOTS 14-15 & 16 BLK 1
LOT SIZE 153.50 X 275
OR 14092-342-334 THRU 42 0589 4
(More...) OR 20471-1298 0602 1

MCD: 2300 North Bay Village ZONING 1: 6000 COMMERCIAL - GENERAL
CTCASE: N % CAP: 0.00 DISTRICT: 6 ZONING 2: 0000
HEX BASE YR: 0 PORT YR: 0 GPAR: 0 NON-HEX BASE YR: 2015
AG: N NFC: N EEL/CONS EASMNT: N EEL/CONS COVENANT: N NH CD: 150.00 NO BAY VILLAGE

ADDITIONAL PROPERTY INFORMATION

LOT SIZE: 42,212 S BUILDING AREA: 7,204 L/B RATIO: 5.86 POOL: N AVG UNIT SIZE: 0.00
BUILDINGS: 1 YEAR BLT: 2002 EFF AGE: 2002 UNITS: 0
BDRM: 0 BATH: 0 1/2 BTH: 0 EFF: 0
1BD: 0 2BD: 0 3BD: 0 4BD: 0

VALUE HISTORY: 2020 2021 2022 \$ UNIT OF MEASURE \$ PER UNIT
LAND VALUE 2,807,098 2,807,098 3,809,633 90.25
BUILDING VALUE 461,606 456,176 504,917 70.09
MARKET VALUE 3,268,704 3,263,274 4,314,550 598.91 0.00
ASSESSED VALUE 3,139,851 3,263,274 3,589,601
TOTAL EXEMPTION VALUE 0 0 0

SALE HISTORY

#	AMOUNT	DATE	I/V	SALE TYPE	SALECD	ORBOOK	ORPG	GRANTOR	GRANTEE
01	3,404,819	06/02/2014	I	Unqualified	11	29190	4641	SPECON IX LLC	HESS REALTY LLC
02	0	06/01/2003	I	Unqualified	01	21449	0379		
03	1,200,000	06/01/2002	I	Qualified	00	20471	1298		
04	0	05/01/1989		Unqualified	01	00000	00000		

PREVIOUS OWNER INFORMATION

01 T J BLACKWELL & W H WALKER JR	02 ETAL E B COUTIER & M G LAFFERTY	03 W H WALKER & W ZOELLA & E CLOUTER &
04 OR 17554-4259-60 0297 4	05 AMERADA HESS FACILITIES	06 BUSINESS TRUST NO 1998-1
07 OR 20471-1298 0602 1	08	09

EXEMPTIONS: 2020 2021 2022

LAND RECORD CARD

Generated Date: 09/20/2023

OFFICE OF THE PROPERTY APPRAISER

Roll Year: 2022

2022 Current

DOR CODE: 2626 SERVICE STATION : SERVICE STATION - AUTOMOTIVE STATUS: ACTIVE EFLG:

** Note: values are subject to change due to tax roll corrections **

TOT LOT SIZE: 42,212 S USE CODE: 2626 ZONING 1: 6000 COMMERCIAL - GENERAL
MKT LND VAL: 3,809,633 OVERALL RATE: 0.00 ZONING 2: 0000
AG MKT VAL: 0 AG VALUE: 0 AG DIFF: 0
ZNG ORDN: LND CHG: LND CHG DATE:

MARKET LAND

CODE DESCRIPTION	ZONE TYP	FF	DEPTH	DFAC	%COND	UNITS	UNITPRC	ADJUPRC	VALUE	OVERRVAL
00 GENERAL	6000 S	0.00	0.00	1.0000	0.95	42,212.00	95.00	90.25	3,809,633	
INF CODE REASON										
3										

CLASSIFIED AG

MARKET AG

BUILDING RECORD CARD

Generated Date: 09/20/2023

OFFICE OF THE PROPERTY APPRAISER

Roll Year: 2022

2022 Current

DOR CODE: 2626 SERVICE STATION : SERVICE STATION - AUTOMOTIVE STATUS: ACTIVE EFLG:

** Note: values are subject to change due to tax roll corrections **

BUILDING INFORMATION

BLDG#	SEGID	ACTYR	EFFAGE	TYPE	DT	CLASS	GRADE	BASEPRICE	TOTADJPTS	ADJBASEPRC	ADJAREA	REPCOSTNEW
1	1	2002	2002	0040	02	1	4	75.00	138	103.50	3,924	406,134

FUNC	ECON	PHYS	%GOOD	ITEMS	DEPRVALUE	OVERRVALUE	TOTALVALUE	ADJ.AREA	STYLE	DESCRIPTION
0.00	0.00	0.00	83.00	0.00	337,091		0	3,924	00	Base Area

BEDROOMS: 0 BATHROOMS: 0 HALF-BATHS: 0 FLOORS: 1 UNITS: 0

SUBAREA INFORMATION

DESCRIPTION	YEAR ON	ACTUAL AR	ADJ AREA	DEPR VAL
Base Area	2002	-1	3,924	337,091

STRUCTURAL ELEMENTS INFORMATION

CATEGORY	POINTS
Exterior Wall	31.00
Electrical	15.00
Plumbing	8.00
Interior Walls	24.00
Interior Flooring	6.00
Roofing Structure	9.00
Roofing Cover	8.00
Decking	8.00
Foundation	5.00
Grade	24.00
TOTAL	138.00

EXTRA FEATURES INFORMATION

XFCD DESCRIPTION	SEG	UNITS	UNITPRC	ACYR	EFYR	DT	NOTES	OR%	%GD	DEPRECVL	OVERRVAL
0096 Paving - Asphalt	1	8,910	1.50	2002	2002	02		1	1	11,093	
0136 Wall - CBS unreinforced	1	252	4.00	2002	2002	02		1	1	837	
0077 Light Standard - 10-30 ft High - 1 Fixture	1	10	1,300.00	2002	2002	02		1	1	10,790	
0080 Light Standard - 10-30 ft High - 2 Fixtures	1	1	2,000.00	2002	2002	02		1	1	1,660	
0097 Paving - Concrete	1	3,436	3.50	2002	2002	02		1	1	9,982	
0015 Cooler Room - Refridgeration (200 sqft/Ton)	1	4	1,200.00	2002	2002	02		1	1	3,984	
0016 Cooler Room - Area - Used with X/F #15	1	432	7.50	2002	2002	02		1	1	2,689	
0004 Cent A/C - Comm (Aprox 300 sqft/Ton)	1	10	1,500.00	2002	2002	02		1	1	12,450	
TOTAL XF VALUE BLDG 1:										53,485	

BUILDING RECORD CARD

Generated Date: 09/20/2023

OFFICE OF THE PROPERTY APPRAISER

Roll Year: 2022

2022 Current

DOR CODE: 2626 SERVICE STATION : SERVICE STATION - AUTOMOTIVE STATUS: ACTIVE EFLG:

** Note: values are subject to change due to tax roll corrections **

BUILDING INFORMATION

BLDG#	SEGID	ACTYR	EFFAGE	TYPE	DT	CLASS	GRADE	BASEPRICE	TOTADJPTS	ADJBASEPRC	ADJAREA	REPCOSTNEW
1	2	2002	2002	0040	02	1	0	75.00	56	42.00	3,280	137,760

FUNC	ECON	PHYS	%GOOD	ITEMS	DEPRVALUE	OVERRVALUE	TOTALVALUE	ADJ.AREA	STYLE	DESCRIPTION
0.00	0.00	0.00	83.00	0.00	114,341		0	3,280	00	Base Area

BEDROOMS: 0 BATHROOMS: 0 HALF-BATHS: 0 FLOORS: 1 UNITS: 0

SUBAREA INFORMATION

DESCRIPTION	YEAR ON	ACTUAL AR	ADJ AREA	DEPR VAL
Base Area	2002	-1	3,280	114,341

STRUCTURAL ELEMENTS INFORMATION

CATEGORY	POINTS
Electrical	3.00
Interior Walls	10.00
Interior Flooring	6.00
Roofing Structure	16.00
Roofing Cover	8.00
Decking	8.00
Foundation	5.00
TOTAL	56.00

EXTRA FEATURES INFORMATION

XFCD DESCRIPTION	SEG	UNITS	UNITPRC	ACYR	EFYR	DT	NOTES	OR%	%GD	DEPRECVL	OVERRVAL
TOTAL SEG ADJ VALUE BLDG	1:									451,432	
TOTAL XF ADJ VALUE BLDG	1:									53,485	
TOTAL SEG AND XF ADJ VALUE BLDG	1:									504,917	
TOTAL SEG AND XF SITE VALUE BLDG	1:									504,917	

TOTAL ADJ VALUE OF ALL BUILDINGS AND XF	:	504,917
TOTAL AREA (ADJ SQ FT) OF ALL BUILDINGS	:	7,204
TOTAL SITE VALUE OF ALL BUILDINGS AND XF	:	0
TOTAL IMPROVEMENT VALUE	:	504,917

Site 5 Former Gas Station/Restaurant

PROPERTY RECORD CARD

Generated Date: 09/20/2023

(Value Adjustment Board 3/20/2023)

OFFICE OF THE PROPERTY APPRAISER

Roll Year: 2022

DOR CODE: 1066 VACANT LAND - COMMERCIAL : EXTRA FEA OTHER THAN PARKING STATUS: ACTIVE EFLG: E

** Note: values are subject to change due to tax roll corrections **

CURRENT OWNER AND MAILING:

SUNBEAM TELEVISION CORP

1401 79 ST CSWY

MIAMI FL 33141

LEGAL DESCRIPTION:

9 53 42
 E265FT OF W465FT OF TREA IS LYG
 N OF 79TH ST CSEWY
 LOT SIZE 265.000 X 180
 COC 24907-1115 08 2006 6

ACCOUNT FLAGS:

CAT TYPE DESCRIPTION

VALUE

MCD: 2300 North Bay Village ZONING 1: 6000 COMMERCIAL - GENERAL
 CTCASE: N % CAP: 0.00 DISTRICT: 6 ZONING 2: 0000
 HEX BASE YR: 0 PORT YR: 0 GPAR: 0 NON-HEX BASE YR: 2022
 AG: N NFC: N EEL/CONS EASMNT: N EEL/CONS COVENANT: N NH CD: 150.00 NO BAY VILLAGE

ADDITIONAL PROPERTY INFORMATION

LOT SIZE: 47,700 S BUILDING AREA: 0 L/B RATIO: 0.00 POOL: N AVG UNIT SIZE: 0.00
 BUILDINGS: 0 YEAR BLT: 0000 EFF AGE: 0000 UNITS: 0
 BDRM: 0 BATH: 0 1/2 BTH: 0 EFF: 0
 1BD: 0 2BD: 0 3BD: 0 4BD: 0

VALUE HISTORY:	2020	2021	2022	\$ UNIT OF MEASURE	\$ PER UNIT
LAND VALUE	4,770,000	5,724,000	6,783,000	142.20	
BUILDING VALUE	137	135	133	0.00	
MARKET VALUE	4,770,137	5,724,135	6,783,133	142.20	0.00
ASSESSED VALUE	4,460,102	4,906,112	6,783,133		
TOTAL EXEMPTION VALUE	0	0	0		

SALE HISTORY

#	AMOUNT	DATE	I/V	SALE TYPE	SALECD	ORBOOK	ORPG	GRANTOR	GRANTEE
06	14,000,000	02/05/2021	I	Qualified	05	32338	3409	NORTH BAY CAUSEWAY LLC	SUNBEAM TELEVISION CORP
01	7,575,000	03/29/2013	I	Qualified	05	28566	0813	NORTH BAY I LLC	NORTH BAY CAUSEWAY LLC
02	5,800,000	07/12/2012	I	Qualified	05	28188	4893	PENNSYLVANIA INVEST PROP LP	NORTH BAY I LLC
03	1,500,000	08/01/2006	I	Unqualified	03	24907	1115		
04	0	11/01/2001		Unqualified	01	20146	4070		
05	0	11/01/1998		Unqualified	01	18425	0858		

PREVIOUS OWNER INFORMATION

01 1551-55 79 ST CSWY	02 MILTON STEINHARDT &W ESTHER	03 OR 10314-1225 0978 4
04 ESTHER & RAPHAEL STEINHARDT &	05 OR 18425-0858 1198 4	06 ESTHER STEINHARDT &
07 JOAN S DUNPHY & KARL M SACHS (TR)	08 OR 20146-4070 1101 5	09

EXEMPTIONS:

2020

2021

2022

LAND RECORD CARD

Generated Date: 09/20/2023

(Value Adjustment Board 3/20/2023)

OFFICE OF THE PROPERTY APPRAISER

Roll Year: 2022

DOR CODE: 1066 VACANT LAND - COMMERCIAL : EXTRA FEA OTHER THAN PARKING STATUS: ACTIVE EFLG: E

** Note: values are subject to change due to tax roll corrections **

TOT LOT SIZE:	47,700 S	USE CODE:	1066	ZONING 1:	6000 COMMERCIAL - GENERAL
MKT LND VAL:	6,783,000	OVERALL RATE:	0.00	ZONING 2:	0000
AG MKT VAL:	0	AG VALUE:	0	AG DIFF:	0
ZNG ORDN:		LND CHG:		LND CHG DATE:	

MARKET LAND

CODE DESCRIPTION	ZONE TYP	FF	DEPTH	DFAC	%COND	UNITS	UNITPRC	ADJUPRC	VALUE	OVERRVAL
00 GENERAL	6000 S	0.00	0.00	1.0000	1.00	47,700.00	175.00	175.00	8,347,500	
INF CODE REASON										
0										

CLASSIFIED AG

MARKET AG

BUILDING RECORD CARD

Generated Date: 09/20/2023

(Value Adjustment Board 3/20/2023)

OFFICE OF THE PROPERTY APPRAISER

Roll Year: 2022

DOR CODE: 1066 VACANT LAND - COMMERCIAL : EXTRA FEA OTHER THAN PARKING STATUS: ACTIVE EFLG: E

** Note: values are subject to change due to tax roll corrections **

EXTRA FEATURES INFORMATION FOR NON-MATCHING SEGS

XFCD DESCRIPTION	SEG	UNITS	UNITPRC	ACYR	EFYR	DT	NOTES	OR%	%GD	DEPRECVL	OVERRVAL
0096 Paving - Asphalt	0	11,700	1.50	1995	1995	02		0	0	133	
TOTAL XF VALUE FOR NON-MATCHING SEGS:		133									

TOTAL ADJ VALUE OF ALL BUILDINGS AND XF	:	133
TOTAL AREA (ADJ SQ FT) OF ALL BUILDINGS	:	0
TOTAL SITE VALUE OF ALL BUILDINGS AND XF	:	0
TOTAL IMPROVEMENT VALUE	:	133

Site 6 Treasure Isle Care Center

PROPERTY RECORD CARD

Generated Date: 09/20/2023

2022 Current

OFFICE OF THE PROPERTY APPRAISER

Roll Year: 2022

DOR CODE: 1813 OFFICE BUILDING - MULTISTORY : OFFICE BUILDING STATUS: ACTIVE EFLG: E

** Note: values are subject to change due to tax roll corrections **

CURRENT OWNER AND MAILING:

SUNBEAM PROPERTIES INC

1401 79 ST CAUSEWAY
MIAMI FL 33141

LEGAL DESCRIPTION:

9 53 42 2.73 AC M/L
PORT SW1/4 DESC - BEG 1560FTE &
80FTS OF NW COR OF SW1/4 S275FT
E415.51FT N255.28FT NWLY AD
43.90FT WLY AD 21.35FT SWLY AD
(More...) 21.73FT SWLY332.83FT S3.75FT

ACCOUNT FLAGS:

#	CAT	TYPE	DESCRIPTION	VALUE
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MCD:	2300 North Bay Village	ZONING 1:	6000 COMMERCIAL - GENERAL
CTCASE:	N	% CAP:	0.00
HEX BASE YR:	0	DISTRICT:	6
AG:	N	PORT YR:	0
		GPAR:	0
		ZONING 2:	0000
		NON-HEX BASE YR:	2016
		EEL/CONS EASMNT:	N
		EEL/CONS COVENANT:	N
		NH CD:	150.00 NO BAY VILLAGE

ADDITIONAL PROPERTY INFORMATION

LOT SIZE:	118,417 S	BUILDING AREA:	75,295	L/B RATIO:	1.57	POOL:	N	AVG UNIT SIZE:	0.00
BUILDINGS:	1	YEAR BLT:	1957	EFF AGE:	1974	UNITS:	0		
BDRM:	0	BATH:	0	1/2 BTH:	0	EFF:	0		
1BD:	0	2BD:	0	3BD:	0	4BD:	0		

VALUE HISTORY:	2020	2021	2022	\$ UNIT OF MEASURE	\$ PER UNIT
LAND VALUE	8,289,190	8,289,190	11,249,615	95.00	
BUILDING VALUE	1,499,160	2,210,810	1,825,385	24.24	
MARKET VALUE	9,788,350	10,500,000	13,075,000	173.65	0.00
ASSESSED VALUE	9,788,350	10,500,000	11,550,000		
TOTAL EXEMPTION VALUE	0	0	0		

SALE HISTORY

#	AMOUNT	DATE	I/V	SALE TYPE	SALECD	ORBOOK	ORPG	GRANTOR	GRANTEE
09	13,760,000	01/21/2015	I	Unqualified	37	29475	0565	COFE FUND 1 GROVE BAY LLC	SUNBEAM PROPERTIES INC
01	6,750,000	09/28/2012	I	Qualified	01	28295	1764	GROVE BY THE BAY LTD LIABILITY CO	COFE FUND 1 GROVE BAY LLC
02	0	08/01/1991		Unqualified	01	00000	00000		
03	1,400,000	06/01/1991	I	Qualified	00	15078	1081		
04	0	08/01/1990		Unqualified	01	14649	2751		
05	0	01/01/1990		Unqualified	01	00000	00000		
06	1	03/01/1977		Unqualified	01	00000	00000		
07	505,000	09/01/1975		Unqualified	01	00000	00000		
08	700,000	03/01/1974		Qualified	00	00000	00000		

PREVIOUS OWNER INFORMATION

01 HOWARD GARFINKLE TR
04 B E HENSLEY TR
07 1440 79 STREET LTD
10 ASSN NORTH JERSEY

02 WM NECKMAN & GARY FELSHER
05 1440 79 ST CORP
08 OR 10612-1345 1279 5
11 NOREO I INC

03 LAWRENCE H ROGOVIN TR
06 OR 10216-565 1178 5
09 FIRST FIDELITY BANK NATIONAL
12 OR 14649-2751 0890 4

EXEMPTIONS:

2020	2021	2022
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LAND RECORD CARD

Generated Date: 09/20/2023

Roll Year: 2022

2022 Current

OFFICE OF THE PROPERTY APPRAISER

DOR CODE: 1813 OFFICE BUILDING - MULTISTORY : OFFICE BUILDING STATUS: ACTIVE EFLG: E

** Note: values are subject to change due to tax roll corrections **

TOT LOT SIZE: 118,417 S USE CODE: 1813 ZONING 1: 6000 COMMERCIAL - GENERAL
MKT LND VAL: 11,249,615 OVERALL RATE: 0.00 ZONING 2: 0000
AG MKT VAL: 0 AG VALUE: 0 AG DIFF: 0
ZNG ORDN: LND CHG: LND CHG DATE:

MARKET LAND

CODE DESCRIPTION	ZONE TYP	FF	DEPTH	DFAC	%COND	UNITS	UNITPRC	ADJUPRC	VALUE	OVERRVAL
00 GENERAL	6000 S	0.00	0.00	1.0000	1.00	118,417.00	95.00	95.00	11,249,615	
INF CODE REASON										
0										

CLASSIFIED AG

MARKET AG

BUILDING RECORD CARD

Generated Date: 09/20/2023

OFFICE OF THE PROPERTY APPRAISER

Roll Year: 2022

2022 Current

DOR CODE: 1813 OFFICE BUILDING - MULTISTORY : OFFICE BUILDING STATUS: ACTIVE EFLG: E

** Note: values are subject to change due to tax roll corrections **

BUILDING INFORMATION

BLDG#	SEGID	ACTYR	EFFAGE	TYPE	DT	CLASS	GRADE	BASEPRICE	TOTADJPTS	ADJBASEPRC	ADJAREA	REPCOSTNEW
1	1	1957	1974	0040	02	1	4	75.00	184	138.00	15,055	2,077,590

FUNC	ECON	PHYS	%GOOD	ITEMS	DEPRVALUE	OVERRVALUE	TOTALVALUE	ADJ.AREA	STYLE	DESCRIPTION
0.00	0.00	0.00	55.00	0.00	1,142,674	10,000	0	15,055	00	Base Area

BEDROOMS: 0 BATHROOMS: 0 HALF-BATHS: 0 FLOORS: 1 UNITS: 0

SUBAREA INFORMATION

DESCRIPTION	YEAR ON	ACTUAL AR	ADJ AREA	DEPR VAL
Base Area	1957	-1	15,055	1,142,674

STRUCTURAL ELEMENTS INFORMATION

CATEGORY	POINTS
Exterior Wall	22.00
Electrical	19.00
Plumbing	10.00
Interior Walls	55.00
Interior Flooring	7.00
Roofing Structure	22.00
Roofing Cover	8.00
Foundation	17.00
Frame	20.00
Grade	4.00
TOTAL	184.00

EXTRA FEATURES INFORMATION

XFCD DESCRIPTION	SEG	UNITS	UNITPRC	ACYR	EFYR	DT	NOTES	OR%	%GD	DEPRECVL	OVERRVAL
0004 Cent A/C - Comm (Aprox 300 sqft/Ton)	1	6	1,500.00	1958	1958	02	Permit 000754	1	1	4,950	0
0026 Elevator - Passenger	1	4	12,000.00	1957	1957	02	Permit 000754	1	1	26,400	0
0096 Paving - Asphalt	1	60,000	1.50	1958	1958	02	Permit 000754	1	1	49,500	0
0004 Cent A/C - Comm (Aprox 300 sqft/Ton)	1	45	1,500.00	1980	1980	02	Permit 004192	1	1	41,175	0
0097 Paving - Concrete	1	1,233	3.50	1980	1980	02	Permit 004239	1	1	2,632	0
0053 Wrought Iron Fence	1	115	43.00	1980	1980	02	Permit 004239	1	1	3,016	0
0136 Wall - CBS unreinforced	1	775	4.00	1980	1980	02	Permit 004239	1	1	1,891	0
0026 Elevator - Passenger	1	4	12,000.00	1980	1980	02	Permit 004239	1	1	29,280	0
0004 Cent A/C - Comm (Aprox 300 sqft/Ton)	1	96	1,500.00	1980	1980	02	Permit 004165	1	1	87,840	0
0080 Light Standard - 10-30 ft High - 2 Fixtures	1	5	2,000.00	1980	1980	02	Permit 004239	1	1	6,100	0
0004 Cent A/C - Comm (Aprox 300 sqft/Ton)	1	39	1,500.00	1981	1981	02	Permit 004424	1	1	36,270	0
0004 Cent A/C - Comm (Aprox 300 sqft/Ton)	1	3	1,500.00	1988	1988	02		1	1	3,105	0

BUILDING RECORD CARD

Generated Date: 09/20/2023

2022 Current

OFFICE OF THE PROPERTY APPRAISER

Roll Year: 2022

DOR CODE: 1813 OFFICE BUILDING - MULTISTORY : OFFICE BUILDING STATUS: ACTIVE EFLG: E

** Note: values are subject to change due to tax roll corrections **

BUILDING INFORMATION

BLDG#	SEGID	ACTYR	EFFAGE	TYPE	DT	CLASS	GRADE	BASEPRICE	TOTADJPTS	ADJBASEPRC	ADJAREA	REPCOSTNEW
1	2	1957	1974	0040	02	1	4	75.00	160	120.00	17,457	2,094,840

FUNC	ECON	PHYS	%GOOD	ITEMS	DEPRVALUE	OVERRVALUE	TOTALVALUE	ADJ.AREA	STYLE	DESCRIPTION
0.00	0.00	0.00	55.00	0.00	1,152,162	0	0	17,457	00	Base Area

BEDROOMS: 0 BATHROOMS: 0 HALF-BATHS: 0 FLOORS: 4 UNITS: 0

SUBAREA INFORMATION

DESCRIPTION	YEAR ON	ACTUAL AR	ADJ AREA	DEPR VAL
Base Area	1957	-1	17,457	1,152,162

STRUCTURAL ELEMENTS INFORMATION

CATEGORY	POINTS
Exterior Wall	22.00
Electrical	19.00
Plumbing	10.00
Interior Walls	55.00
Interior Flooring	7.00
Roofing Structure	22.00
Roofing Cover	8.00
Foundation	13.00
Grade	4.00
TOTAL	160.00

EXTRA FEATURES INFORMATION

XFCD DESCRIPTION	SEG	UNITS	UNITPRC	ACYR	EFYR	DT	NOTES	OR%	%GD	DEPRECVL	OVERRVAL
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BUILDING RECORD CARD

Generated Date: 09/20/2023

2022 Current

OFFICE OF THE PROPERTY APPRAISER

Roll Year: 2022

DOR CODE: 1813 OFFICE BUILDING - MULTISTORY : OFFICE BUILDING STATUS: ACTIVE EFLG: E

** Note: values are subject to change due to tax roll corrections **

BUILDING INFORMATION

BLDG#	SEGID	ACTYR	EFFAGE	TYPE	DT	CLASS	GRADE	BASEPRICE	TOTADJPTS	ADJBASEPRC	ADJAREA	REPCOSTNEW
1	3	1957	1957	0040	02	1	4	75.00	153	114.75	14,160	1,624,860

FUNC	ECON	PHYS	%GOOD	ITEMS	DEPRVALUE	OVERRVALUE	TOTALVALUE	ADJ.AREA	STYLE	DESCRIPTION
0.00	0.00	0.00	55.00	0.00	893,673	0	0	14,160	00	Base Area

BEDROOMS: 0 BATHROOMS: 0 HALF-BATHS: 0 FLOORS: 4 UNITS: 0

SUBAREA INFORMATION

DESCRIPTION	YEAR ON	ACTUAL AR	ADJ AREA	DEPR VAL
Base Area	1957	-1	14,160	893,673

STRUCTURAL ELEMENTS INFORMATION

CATEGORY	POINTS
Exterior Wall	22.00
Electrical	19.00
Plumbing	10.00
Interior Walls	55.00
Interior Flooring	23.00
Foundation	20.00
Grade	4.00
TOTAL	153.00

EXTRA FEATURES INFORMATION

XFCD DESCRIPTION	SEG	UNITS	UNITPRC	ACYR	EFYR	DT	NOTES	OR%	%GD	DEPRECVL	OVERRVAL
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BUILDING RECORD CARD

Generated Date: 09/20/2023

2022 Current

OFFICE OF THE PROPERTY APPRAISER

Roll Year: 2022

DOR CODE: 1813 OFFICE BUILDING - MULTISTORY : OFFICE BUILDING STATUS: ACTIVE EFLG: E

** Note: values are subject to change due to tax roll corrections **

BUILDING INFORMATION

BLDG#	SEGID	ACTYR	EFFAGE	TYPE	DT	CLASS	GRADE	BASEPRICE	TOTADJPTS	ADJBASEPRC	ADJAREA	REPCOSTNEW
1	4	1980	1980	0040	02	1	4	75.00	153	114.75	28,623	3,284,489

FUNC	ECON	PHYS	%GOOD	ITEMS	DEPRVALUE	OVERRVALUE	TOTALVALUE	ADJ.AREA	STYLE	DESCRIPTION
0.00	0.00	0.00	61.00	0.00	2,003,538	0	0	28,623	00	Base Area

BEDROOMS: 0 BATHROOMS: 0 HALF-BATHS: 0 FLOORS: 4 UNITS: 0

SUBAREA INFORMATION

DESCRIPTION	YEAR ON	ACTUAL AR	ADJ AREA	DEPR VAL
Base Area	1980	-1	28,623	2,003,538

STRUCTURAL ELEMENTS INFORMATION

CATEGORY	POINTS
Exterior Wall	22.00
Electrical	19.00
Plumbing	10.00
Interior Walls	55.00
Interior Flooring	23.00
Frame	20.00
Grade	4.00
TOTAL	153.00

EXTRA FEATURES INFORMATION

XFCD DESCRIPTION	SEG	UNITS	UNITPRC	ACYR	EFYR	DT	NOTES	OR%	%GD	DEPRECVL	OVERRVAL
TOTAL SEG ADJ VALUE BLDG	1:									5,192,047	
TOTAL XF ADJ VALUE BLDG	1:									306,684	
TOTAL SEG AND XF ADJ VALUE BLDG	1:									5,498,731	
TOTAL SEG AND XF SITE VALUE BLDG	1:									10,000	

TOTAL ADJ VALUE OF ALL BUILDINGS AND XF	:	5,498,731
TOTAL AREA (ADJ SQ FT) OF ALL BUILDINGS	:	75,295
TOTAL SITE VALUE OF ALL BUILDINGS AND XF	:	1,825,385
TOTAL IMPROVEMENT VALUE	:	1,825,385