

**CONTAMINATION SCREENING EVALUATION REPORT  
ADDENDUM  
(POND SITES AND MAINLINE UPDATE)**

Florida Department of Transportation  
District 1

Project Development and Environment Study  
SR 29 from Oil Well Road to SR 82  
Collier County, Florida

FPID: 417540-1-22-01  
ETDM Number: 3752

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.

# Executive Summary

The purpose of this Contamination Screening Evaluation Report (CSER) Addendum is to present updates to the original CSER for the State Road (SR) 29 Project Development and Environment (PD&E) Study from Oil Well Road to SR 82 in Collier County, dated July 2018 (FPID: 417540-1-22-01). Two alignments, Central Alternative #1 Revised and Central Alternative #2, were assessed in the *Contamination Screening Evaluation and Pond Siting Report* dated July 2018. This CSER Addendum assesses the preferred alignment (Central Alternative #2). This addendum outlines changes to sites previously identified in the July 2018 CSER, describes new sites located along the preferred alignment, and assigns contamination risk ratings to proposed stormwater pond sites. The limits associated with this CSER Addendum begin at the intersection at SR 29 / County Road (CR) 846 and extend to the SR 29 / SR 82 intersection (**Figure 1**). The “project area” includes the existing and proposed right-of-way (ROW) for the preferred alignment, including pond sites. The “study area” includes the project area and contamination site search distances of 500-feet, 1,000-feet, and ½ mile.

The pond sites discussed in the July 2018 CSER have been revised due to project design changes. While the footprint for some pond sites remained unchanged, others were modified, and one pond site was added. A total of 9 pond sites were assessed in this CSER Addendum.

This CSER Addendum has been prepared in general accordance with the PD&E Manual (July 1, 2023). Desktop research was performed for a total of 50 contamination sites (including 8 new sites) and 9 ponds. No field reviews were performed. **Table 1** and **Table 2** below present summaries of the risk ratings assigned to the contamination sites and ponds:

Table 1 – Contamination Site Risk Rating Summary			
High	Medium	Low	No
4	18	23	5

Table 2 – Pond Site Risk Rating Summary			
High	Medium	Low	No
0	7	1	1

Based on the conclusions of the study and the risk ratings noted above, the following recommendations are made for this project:

- No further evaluation is recommended for the contamination sites or pond sites assigned risk ratings of No or Low as they are not expected to have contamination involvement.
- A total of 4 High and 25 Medium rated contamination sites/ponds were identified within the study area and should be considered for Level II testing. Level II testing is performed to assess the presence/absence of contamination, identify impacts to construction, and to develop site-specific recommendations. Level II activities are performed by the Florida Department of Transportation’s (FDOT’s) Contamination Assessment and Remediation (CAR) contractor and should be completed prior to ROW acquisition and construction. Typically, the Level II testing

is performed during the design phase and can include soil borings, monitoring well installation, soil and groundwater sampling, laboratory testing, Organic Vapor Analyzer (OVA) screening, boundary surveys, additional file research, and/or Ground Penetrating Radar (GPR) surveys. Further evaluation and Level II testing, at the discretion of the District Contamination Impact Coordinator (DCIC), is recommended for these 29 High and Medium rated locations.

- Note, one of the Medium rated sites is a buried petroleum pipeline (Site 69 - Sunniland Pipeline). The precise location of the pipeline was not reasonably ascertainable. The pipeline should be presumed to contain petroleum products and caution should be exercised during construction activities. GPR and assessment tasks are warranted prior to construction to identify the precise location of the pipeline and any soil/groundwater impacts.
- Level II testing costs are estimated at \$2,000 to \$10,000 per site. If impacts are identified during Level II testing, Level III support activities such as source removal and/or dewatering may be required during construction and are estimated at \$50,000 to \$100,000 per site.
- Once final design plans are available, additional review is recommended in consideration of dewatering operations that may be necessary under the National Pollutant Discharge Elimination System (NPDES) Generic Permit for Stormwater Discharges from Large and Small Construction Activities. Verification testing may be warranted for contamination issues within 500 feet of the dewatering area.

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# 1.0 Introduction

A PD&E Public Hearing was held on November 15, 2018, to present the Preferred Alternative and provide the public with the opportunity to review project documents and provide comments. Refinements to the Preferred Alternative have been made to meet the FDOT Design Manual requirements and include the identification of stormwater management facilities necessary to accommodate stormwater runoff. This CSER Addendum supplements the *Contamination Screening Evaluation and Pond Siting Report* dated July 2018 and specifically addresses the design refinements for the project. See **Figure 1 – Project Location Map**.

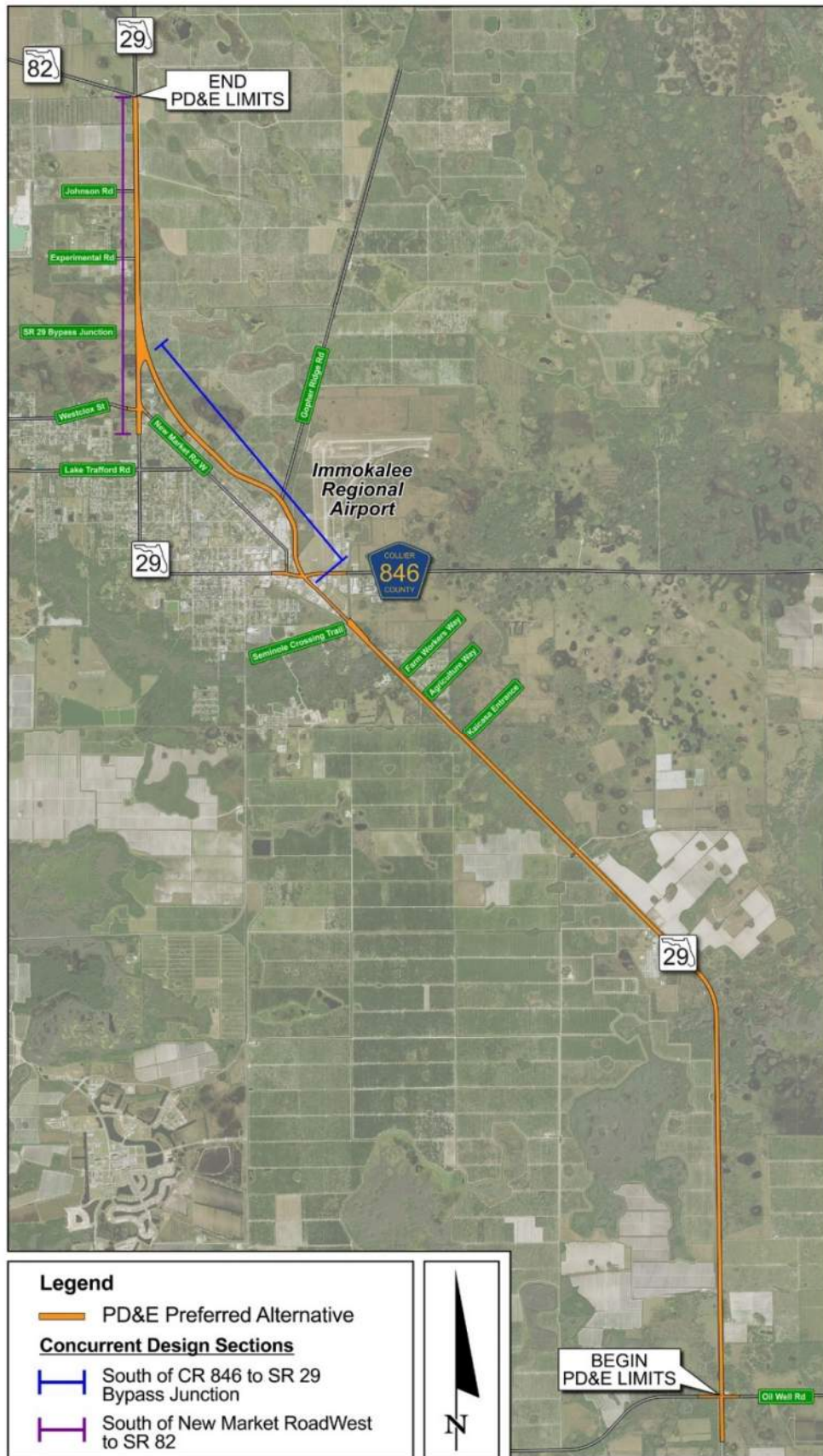
The purpose of this report is to present the findings of a contamination screening evaluation for 9 pond sites, any new contamination sites, and an update to previously identified contamination sites. This report identifies and evaluates known or potential contamination sites within or in close proximity to the SR 29 ROW and pond sites, that may affect implementation of the project. This is referred to as the “project area” throughout this report. The PD&E *Contamination Screening Evaluation and Pond Siting Report* (FPID 417540-1) dated July 2018 was reviewed and relevant information is referenced herein.

## 2.0 Project Description

CR 846 to SR 29 Bypass Junction: the proposed new signalized intersection at CR 846 and the proposed intersection at Gopher Ridge Road have been revised to roundabouts. The proposed ROW requirement previously varied from 108 feet to 200 feet and has been increased to varying from 144 feet to 250 feet. The two 11-foot travel lanes in each direction have been increased to 12-foot travel lanes in each direction from CR 846 to Gopher Ridge Road. The 6-foot sidewalk and 7-foot buffered bicycle lanes in each direction have been replaced with 12-foot shared use paths from CR 846 to Gopher Ridge Road. Twelve-foot shared use paths have been added to both sides of the corridor from Gopher Ridge Road to the SR 29 Bypass Junction. As a result of criteria updates, the proposed design speeds, ranging from 45-50 miles per hour (mph), have been updated and range from 45-55 mph. Three Stormwater Management Facilities (SMFs) have been identified. The three proposed SMFs will require approximately 22 acres of offsite ROW. Stormwater runoff will be conveyed to the proposed SMFs by an open drainage system within the existing mainline ROW.

North of New Market Road West to SR 82: the currently existing signalized intersection at New Market Road West and SR 29 has been revised to a roundabout. A 10-foot shared use path has been added on the east side of the roadway from north of New Market Road West to SR 82, thus providing a 10-foot shared use path on both sides of the corridor. The mainline roadway improvements required for the proposed project will not require any additional ROW. As a result of criteria updates, the proposed design speeds, ranging from 50-60 mph, have been unified at 55 mph. Six SMFs have been identified. The six proposed SMFs will require approximately 20.3 acres of offsite ROW. Stormwater runoff will be conveyed to the proposed SMFs by an open drainage system within the existing mainline ROW.

**Figure 1 – Project Location Map**



## 3.0 Methodology

This CSER Addendum was performed in general accordance with the FDOT PD&E Manual (July 1, 2023). The evaluation included the following tasks:

- Identify and evaluate new contamination sites,
- Review and update risk ratings of contamination sites identified in the *Contamination Screening Evaluation Report and Pond Siting Report*, SR 29 Immokalee PD&E Study from Oil Well Road to SR 82, FPID 417540-1-22-01, dated July 2018,
- Review the *Level I Contamination Screening Evaluation Report (Pond Alternatives)*, FPID 417540-6-52-01, dated October 22, 2020 (FDOT comments were addressed),
- Review the *Contamination Screening Evaluation Report, Addendum to Include Recommended Pond Sites and Mainline Changes* dated February 16, 2024 (FPID 417540-5-52-01); (FDOT comments were addressed),
- Review of the adjoining north *Final Level II Field Screening Report – Final Ponds* dated July 6, 2017 (FPID 417878-4-52-01),
- Document review using the Collier County Property Appraiser’s website to identify property owner names, address, and property boundaries to assist in determining land use information or other contamination-related details,
- A regulatory review of government databases for permits and/or violations associated with contamination issues,
- Determining the contamination potential and assigning a risk rating for each contamination site, and each pond site alternative within the project limits. The FDEP Map Direct and OCULUS databases and United States Environmental Protection Agency (EPA) databases were used to identify sites, facilities, or listings within the study area containing documented or suspected petroleum contamination or other hazardous materials. All are reviewed for their potential contamination impacts to the project area. This report utilizes the recommended search distances included in the FDOT PD&E Manual (July 1, 2023), as follows:
  - 500-feet from the ROW line for petroleum, drycleaners, and non-petroleum sites,
  - 1,000-feet from the ROW line for non-landfill solid waste sites (such as recycling facilities, transfer stations, and debris placement areas), and
  - ½-mile from the ROW line for Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA), National Priorities List (NPL) Superfund sites, or Landfill sites.
- No field reconnaissance was performed for this evaluation.

### 3.1 Determination of Potential Risk

After gathering and reviewing all readily available public information, contamination risk ratings were assigned to sites of potential contamination concern and pond sites. The rating system is divided into 4 categories of risk as defined by the FDOT in the PD&E Manual (July 1, 2023). These 4 degrees of risk ratings are No, Low, Medium, and High. This system expresses the degree of concern for potential contamination problems.

**No** - A review of available information on the property and a review of the conceptual or design plans indicates there is no potential contamination impact to the project. It is possible that contaminants have been handled on the property. However, findings from the Level I evaluation indicate that contamination impacts are not expected.

**Low** - A review of available information indicates that past or current activities on the property have an ongoing contamination issue; the site has a hazardous waste generator identification (ID) number, or the site stores, handles, or manufactures hazardous materials. However, based on the review of conceptual or design plans and/or findings from the Level I evaluation, it is not likely that there would be any contamination impacts to the project.

**Medium** - After a review of conceptual or design plans and findings from a Level I evaluation, a potential contamination impact to the project has been identified. If there is insufficient information (such as regulatory records or site historical documents) to make a determination as to the potential for contamination impact, and there is reasonable suspicion that contamination may exist, the property should be rated at least as a Medium. Properties used historically as gasoline stations and which have not been evaluated or assessed by regulatory agencies, sites with abandoned in place underground petroleum storage tanks or currently operating gasoline stations should receive this rating.

**High** - After a review of all available information and conceptual or design plans, there is appropriate analytical data that shows contamination will substantially impact construction activities, have implications to ROW acquisition or have other potential transfer of contamination related liability to the FDOT.

At the request of the FDOT District 1 DCIC, all sites located within 500-feet of the ROW with open/active discharges (identified using state and/or federal regulatory databases) shall be assigned a risk rating of High or Medium since these sites have the potential to affect at least the permitting for the *National Pollutant Discharge Elimination System (NPDES) Generic Permit for Stormwater Discharges from Large and Small Construction Activities* dewatering activities.

The contamination risk rating can subsequently change based on changes in design, construction activities, construction methods, ROW needs, or other factors when the project progresses from PD&E to Design and Construction.



## 4.0 Project Impacts

The project area includes the existing and proposed ROWs and pond sites. When facilities/sites are identified in proximity to the ROW, they are assigned a risk rating using the FDOT’s standard methodology (High, Medium, Low, or No). In a similar manner, pond sites are assigned a risk rating so they can be evaluated as part of the overall engineering design process. Details for the contamination sites are provided in **Table 3** and pond sites are provided in **Table 4**. Contamination sites, ponds, and search buffers are shown on the 2021 aerial photograph presented in **CSER Appendix A**. To remain consistent with the July 2018 *Contamination Screening Evaluation and Pond Siting Report*, contamination site numbers were maintained. The “FA” designation was used in the 2018 CSER and indicates the contamination site was identified from “historical maps, field reconnaissance, and aerial reviews.” A total of 8 new contamination sites (Sites 67-74) presented in this report were identified subsequent to the July 2018 *Contamination Screening Evaluation and Pond Siting Report*.

Table 3 – Contamination Sites Risk Ratings							
Site ID	Site Name & Address	Databases/Facility ID/ Or Other Source	Distance from Project Area	Contaminants of Concern	Risk Ratings from July 2018 Contamination Screening Evaluation and Pond Siting Report (* indicates High or Medium rated contamination site located within the proposed ROW)	Updates since 2018 CSER	Risk Rating
FA-11	Blocker's Furniture LLC 110 12th Street	None found	Adjacent south	Diesel, Jet A	This site was previously assigned a risk rating of Low due to a separation distance of 400 feet, and no reported discharges.	No changes. Given the separation distance of 400 feet, and no reported discharges, this site retains a risk rating of Low.	Low
FA-12	Floyd Crews Property 861 CR 846	None found	Adjacent south	Diesel, Waste oil	This site was previously assigned a risk rating of Medium due to the historic use as a well drillers lay down yard from 1999 to 2017 with one AST and three drums noted on Google Earth Street View imagery in 2011. No regulatory files were found.	No changes. Given the historic use as a well drillers lay down yard with one AST and three drums, this site retains a risk rating of Medium.	Medium
FA-13	Immokalee Fire Control District 502 New Market Rd	None found	Adjacent west	Diesel	This site was previously assigned a risk rating of Low given the separation distance of 300 feet for an emergency generator with integral AST (less than 500-gallons).	Immokalee Fire Station 30 was constructed under an NPDES General Permit issued on September 10, 2021 and terminated on September 1, 2023. FDEP documentation shows two (2) ASTs installed in June 2023 including a 3,000-gallon diesel tank and 500-gallon (unregulated) tank. Both tanks are located behind the building ( <b>CSER Appendix B</b> ). Based on the recent construction, location of ASTs on pavement, and the canal between this site and the mainline, this site retains a risk rating of Low.	Low
FA-14	All Star Truck Brokers (also J&B Rentals of Immokalee LLC, David H Carter Trust property) 19301 Immokalee Rd	None found	230 feet south	Solvents, Waste oil	This site was previously assigned a risk rating of Medium. Former J&B Rental (yard equipment rentals), 2 55-gallon drums observed in C1R proposed ROW during 2014 field review, 2011 Google Earth Street View and 2015 Bing Maps Streetside, stained soils noted at the base of the drums. During 2017 field review signage notes site as All Star Truck Broker's, drums removed, impacted soils may be <i>de minimis</i> .	No changes. Given the historic use as yard equipment rentals with two drums and the lack of information on the observed stains, this site retains a risk rating of Medium.	Medium
FA-15	Pond 31-C2 Gopher Ridge I Joint Venture Parcel IDs 00087520008 and 00087440007	None found	Within	Pesticides, Herbicides	* This site was previously assigned a risk rating of Medium since it was a grove within the project area.	No changes. Given the groves located within the project area, this site maintains a risk rating of Medium.	Medium
FA-16	Gopher Ridge I Joint Venture Parcel ID 00087520008	None found	Within	Pesticides, Waste oil, Diesel	* This site was previously assigned a risk rating of Low. This site contains a former staging area within an existing citrus grove. No issues were discovered during a March 2018 field review during preparation of the 2018 CSER. The site's rating was increased to Medium due to the presence of the citrus grove where surface and subsurface soils may contain application levels of pesticides and herbicides.	No changes. The site's risk rating was increased to Medium due to the presence of the citrus grove where surface and subsurface soils may contain application levels of pesticides and herbicides.	Medium

Table 3 – Contamination Sites Risk Ratings							
Site ID	Site Name & Address	Databases/ Facility ID/ Or Other Source	Distance from Project Area	Contaminants of Concern	Risk Ratings from July 2018 Contamination Screening Evaluation and Pond Siting Report (* indicates High or Medium rated contamination site located within the proposed ROW)	Updates since 2018 CSER	Risk Rating
FA-17	Gopher Ridge I Joint Venture Parcel ID 00087440007	None found	Within	Pesticides, Herbicides	This site was previously assigned a risk rating of Medium. The proposed corridor is located within a citrus grove in this area. Groves have the potential to contain elevated contaminants related to herbicide and pesticide applications. Property appraiser notes the parcel land use as orchard groves, citrus, etc.	No changes. Given the existence of citrus groves within the project area, this site retains a risk rating of Medium.	Medium
FA-18	Gopher Ridge I Joint Venture Parcel ID 00068760007	None found	Within	Pesticides, Herbicides	This site was previously assigned a risk rating of Medium. The proposed corridor is located within a citrus grove. Groves have the potential to contain elevated contaminants related to herbicide and pesticide applications. Property appraiser notes the parcel land use as groves, citrus, etc.	No changes. Given the existence of citrus groves within the project area, this site retains a risk rating of Medium.	Medium
FA-19	Barron Collier Partnership Parcel 00067880001	None found	Adjacent east	Pesticides, Herbicides	This site was previously assigned a risk rating of Medium due to historic use as groves and location within the ROW.	No changes. Given the existence of citrus groves within the project area, this site retains a risk rating of Medium.	Medium
FA-20	Barron Collier Partnership Parcel 00067880001	None found	Adjoining east	Pesticides, Herbicides	Same parcel as FA-19. This site was previously assigned a risk rating of Medium given the use as groves and location within the limits of Pond 39 and FPC E.	Although the parcel adjoins the ROW, given the separation distance (with an unpaved road and ditch) of the actual groves 80 feet east, the risk rating is changed from Medium to Low.	Low
FA-21	Florida Power & Light Immokalee Solar Energy Center (Former Barron Collier Partnership) Parcel 000650000003 3350 SR 29	None found	Adjoining east	Pesticides, Herbicides, PCBs, TRPH, Lead	This site was previously assigned a risk rating of Medium given the use as groves.	Aerial photographs first depict the solar farm and electrical substation in 2022. Contamination concerns at electrical substations typically include Polychlorinated Biphenyls (PCBs), petroleum-based fluids, and lead from batteries. The electrical substation is located over 250 feet east of the ROW. Other than the electrical substation, contamination concerns associated with the solar farm were not found. No regulatory files were found. Given the redevelopment as a solar farm, including an electrical substation in 2022, potential residual impacts associated with former groves were mitigated.  Given potential impacts from the former groves were mitigated, and the separation distance, and lack of reported contamination concerns associated with the electrical substation, the risk rating is changed from Medium to Low.	Low
21	Everglades farm Equipment (also Sandland Equip. Corp.) 800 E Main St	TANKS 9803972 STRCRA FLD984227603	Adjacent south	Waste oil	This site was previously assigned a risk rating of Low. Existing equipment rental and sales (farm management services), Conditionally Exempt Small Quantity Generator (CESQG) with several violations resolved in 2008, covered maintenance 100 feet southwest of corridor, exterior equipment storage adjacent southwest, waste oil AST within 130 feet of proposed project corridor.	No Changes. Given the separation distance, and lack of reported discharges, this site retains a risk rating of Low.	Low
22	Winfield Solutions (also Prosource One, AGRO Distribution)	LUST 9102828 STRCRA FLR000064626	Adjacent south	Diesel, Waste oil	This site was previously assigned a risk rating of Medium. Existing agricultural chemical wholesales, LUST dibromoethane (EDB) spill 1999 contained within warehouse structure, 7-pesticide (non-regulated) ASTs within warehouse structure, former ASTs closed in 2012, no contamination reported in closure report, former ASTs adjacent and south of proposed CR 846 ROW, CESQG with no violations.	No Changes. Given the confined nature of the 1999 spill within the warehouse structure, and no contamination encountered during closure activities, this site is reassigned a risk rating of Low.	Low

Table 3 – Contamination Sites Risk Ratings							
Site ID	Site Name & Address	Databases/ Facility ID/ Or Other Source	Distance from Project Area	Contaminants of Concern	Risk Ratings from July 2018 Contamination Screening Evaluation and Pond Siting Report (* indicates High or Medium rated contamination site located within the proposed ROW)	Updates since 2018 CSER	Risk Rating
24	HBS Florida Specialties LLC (also Collier Farms Inc.) 601 E Main St	NONSTD FLTMP9404633	Adjacent south	None	This site was previously assigned a risk rating of No. Existing produce packaging plant, CESQG no violations, temporary Environmental Protection Agency (EPA) ID number created to facilitate the removal of 21 drums containing various pesticides. As indicated on the Waste Manifest, the drums were removed from the Collier Farms Crows Nest Facility located 13.2 miles east of the database geocoded location. No OCOLUS records after 1994.	No Changes.  Given the lack of reported discharges, this site retains a risk rating of No.	No
26	Combs Oil Co Immokalee Bulk Facility (also Balgas, Combs Oil Co Immokalee Truck Stop, and N & R Gas Station) 525 East Main Street (also listed at 527 East Main Street)	LUST 8839434  LUST 8839176	Adjacent southwest	Fuel oil, Gasoline, Diesel	This site was previously assigned a risk rating of High due to historic use as a gas station. Closed retail gas station, 3-gasoline USTs and 1-diesel UST removed 2001, DRF 1993, NFA 2003, former USTs and dispensers within 15 feet of existing project corridor. Historical groundwater plume within existing project corridor, groundwater flow to north, no OCOLUS files after 2004.  Existing bulk storage facility, 10-diesel USTs removed 1988, 2-gasoline USTs in service, DRF 1992, remedial action concluded 2012, PARM on-going, PLIRP 1993, former and existing USTs 150 feet south of proposed project corridor. A High rank was imposed should project improvement activities include groundwater controls (requiring NPDES Permitting) in areas within 500 feet of this site.	FDEP Documentation for this site includes a prior CSER-PARM Report submitted in July 2017 ( <b>Appendix B</b> ), with quarterly reports continuing through July 2020. A Remedial Action Interim Report was submitted July 2021 ( <b>CSER Appendix B</b> ). A Discharge Report Incident Notification Form was submitted on August 1, 2023 for Interstitial monitoring-for gasoline which was found during vacuum/pressure change. Documentation for Tank #2R1 (a 12,000-gallon gasoline tank) is out of service. The FDEP suspended cleanup activities in June 2022 funded under the Petroleum Restoration Program following major violations in an October 2021 inspection. Documentation for Tanks #1R1 (12,000-gallon diesel), #3R1 (10,000-gallon diesel), and #4R1 (5,000-gallon gasoline) were listed out of service on December 12, 2022. The last Compliance Inspection dated October 25, 2023 ( <b>CSER Appendix B</b> ) resulted in a Major Out of Compliance finding for no financial responsibility insurance, lack of monitoring and operability testing records, tank overfill protection, and failure to submit an Incident Notification Form (subsequently submitted in August 2023). If development activities are planned in an area where groundwater pumping, dewatering, or excavation at or below the groundwater table is anticipated, further Level II testing by DCIC may be recommended. Refer to the PD&E Manual (2023) for additional information on Dewatering During Construction, guidance for Water Quality Impact Evaluation, and NPDES permitting.  Given the open discharge dated August 1, 2023, and the facility's location adjacent southwest to the project area, and may affect NPDES permitting if dewatering is required, this site retains a risk rating of High.	High
28	Davis Oil Company (also Sunoco Gas Station, Gator Food Store, and Oleum Corp) 726 East Main Street (also listed at 730 East Main Street)	LUST 8518121  LUST 8518087  VOLCLNUP COM_291326	Adjacent southeast	Gasoline, Diesel, Avgas, Lead, Waste oil	This site was previously assigned a risk rating of High. Existing bulk storage facility, 1-leaded gasoline UST removed 1989, 2-aviation gas USTs removed 1991, 4-gasoline and 2-diesel ASTs in service, DRF 1994, source removal 1994, SRCO 2008, historical impacts reported within 35 feet of existing project corridor.  Existing retail station, gasoline and diesel dispensers serviced via underground piping from ASTs at bulk storage facility to southeast (see above), 1-waste oil UST and oil water separator removed 1994, DRF 1994 (with above), SRCO 2008 (with above), historical impacts reported within 10 feet of existing project corridor.	The site is currently a Sunoco Gas Station.  Given the nature of this site as an active retail station, this site is reassigned a risk rating of Based on the previous history and current use as a retail gas station, the risk rating remains High.	High
29	Perrydale Farms LLC (also Farm Op Inc.) 403 Main St	TANKS 8518312	420 feet west	Gasoline, Diesel	This site was previously assigned a risk rating of Low since it was a former non-retail agricultural facility with 1-gasoline and 1-diesel AST removed in 1998, no discharges reported, suspect AST locations on 1993 aerial photograph.	No Changes  Given the separation distance and no reported discharges, this site retains a risk rating of Low.	Low

Table 3 – Contamination Sites Risk Ratings								
Site ID	Site Name & Address	Databases/ Facility ID/ Or Other Source	Distance from Project Area	Contaminants of Concern	Risk Ratings from July 2018 Contamination Screening Evaluation and Pond Siting Report (* indicates High or Medium rated contamination site located within the proposed ROW)	Updates since 2018 CSER	Risk Rating	
30	Davis Oil Company Service Center 524 E Main St	LUST 8521250, 8629389  INDWST FLG910977	Adjacent northwest	Gasoline, Diesel	This site was previously assigned a risk rating of High. Former bulk storage facility and retail station, DRF 1991, CAR 1992, RAP, 1992, O&M 1994-1995, bulk facility and station burned down 1995, DRF 1996, IRA 1996, CAR 1999, RAP MOD 2004, SSA 2006, SRCO 2014 (INDWST-general long term petroleum cleanup permit – FLG910977), groundwater flow generally to the south.	Given the issuance of the general long term petroleum cleanup permit and proximity to the project area, this site retains a risk rating of High	High	
31	Collier County - Immokalee Airport Site 165 Airpark Boulevard	SLDWST 00098127	Within	None	This site was previously assigned a risk rating of Low. Class 910 disaster debris management site, temporary solid waste storage and processing area for yard and demolition wastes.	This site was a pre-authorized Disaster Debris Management Site (DDMS) between 2018-2023. The site was authorized on October 5, 2022 to store and process debris from Hurricane Ian but no records show it was utilized (CSER Appendix B).  Based on the lack of use as a debris management site, the risk rating remains Low.	Low	
32	Doug's Garage 535 New Market Rd	STRCRA FLR000115261	200 feet north	Waste oil, Solvents	This site was previously assigned a risk rating of Medium. Verified non-generator or handler, no violations reported, source removal conducted on this site as a result of 1995 discharge from the adjacent property to the south, see site 30, out of service AST with no labelling observed during August 16, 2017 site visit.	No Changes.  Given the unresolved contamination issues (also associated with Site 30), this site retains a risk rating of Medium.	Medium	
33	Flores Tire (also Lebonberger) 528 New Market Rd	STRCRA FLR000059709	190 feet west	Waste oil, Solvents	This site was previously assigned a risk rating of Medium. Existing tire sales and auto-repair facility, former exterior above ground maintenance lifts, CESQG with 1 violation resolved in 1999, no records after 1999.	No Changes.  Given the reasonable suspicion of unreported discharges, this site retains a risk rating of Medium.	Medium	
34	Crop Production Services, Inc. 116 Jerome Drive,	TANKS 9602496  STRCRA FLR000072082  BRS FLT950052100	460 feet northwest	Pesticides, Arsenic, Lead	This site was previously assigned a risk rating of Low. Existing agricultural wholesales, 4-pesticide (non-regulated) ASTs within structure and secondary containment currently in service, former CESQG with no violations, BRS notes one time removal of 5 tons of Lead Arsenate stock in original containers.	The site is an active Conditionally Exempt SQG and Episodic LQG. FDEP Documentation from June 14, 2018 shows that two (2) 2,500-gallon pesticide tanks were removed. Additionally, two (2) 3000-gallon AST pesticide storage tanks were installed in June 2021. The site owner has been changed to Nutrien AG Solutions (STCM ID #81281) and the site was in compliance according to the latest inspection dated November 19, 2020 (CSER Appendix B).  Due to the distance of this site from the mainline and recent compliance reports, the risk rating for this site remains Low.	Low	
35	Immokalee Auto General Repair (also Ven-Mar, Farmers Supplies, and FMC Corp ACG) 524 New Market Rd	TANKS 9200993  STRCRA FLD131518839	160 feet west	Diesel, Waste oil, Solvents	This site was previously assigned a risk rating of Low. Existing auto repair and truck rentals, former agricultural irrigation sales and new project coordination farm development, one 1,000-gallon diesel AST removed 1992 with no discharges reported, former CESQG with no violations and no records after 1985.	No Changes.  Given the separation distance, and lack of reported discharges, this site retains a risk rating of Low.	Low	
37	Shell-Stricks (also Strickland property) 520 New Market Rd	LUST 8518290	105 feet west	Gasoline, Diesel, Waste oil, Solvents	This site was previously assigned a risk rating of No. Existing auto repair and former retail station, DRF 1996, SAR 2002, RAP 2003, SRR 2004, MOP 2005-2005, SRCO 2006, groundwater flow to northeast, drainage canal between site and proposed corridor.	No Changes.  Given the separation distance and regulatory status, this site retains a risk rating of No.	No	
38	Immokalee Airport Area Brownfield	BRWNFLDS BF110401000	See Sites 38A to 38H and 48 (No risk rating assigned for Site 38)					

Table 3 – Contamination Sites Risk Ratings							
Site ID	Site Name & Address	Databases/ Facility ID/ Or Other Source	Distance from Project Area	Contaminants of Concern	Risk Ratings from July 2018 Contamination Screening Evaluation and Pond Siting Report (* indicates High or Medium rated contamination site located within the proposed ROW)	Updates since 2018 CSER	Risk Rating
38A	Immokalee Airport (also Former Airwork Fuel Farm Area)	LUST 8518639	Within	Jet fuel, Avgas, Gasoline, Solvents	This site was previously assigned a risk rating of Medium. Airwork aircraft washing area and former fuel farm. DRF 1990 following removal of UST farm, no cleanup required, DRF closed in 2001, and AST farm removed in 2011. No impacts above cleanup limits detected in soil or groundwater during AST closure.	No Changes. Given the location of this site within the project area and potential for residual contamination, this site retains a risk rating of Medium.	Medium
38B	Airwork Pesticide Staging Area - Immokalee Regional Airport	STRCRA FLR000107144	Within	Pesticides, Metals	This site was previously assigned a risk rating of Medium. Existing pesticide storage and aircraft dispensing area, several metals and pesticides were detected in soil samples collected in 2004, only malathion exceeded cleanup criteria, no groundwater impacts reported in 2005.	No Changes. Given the unresolved soil contamination, this site retains a risk rating of Medium.	Medium
38C	Former Johnson Fuel Farm - Immokalee Regional Airport	None found	Within	Avgas, Gasoline	This site was previously assigned a risk rating of Medium. Former fuel farm area depicted on a 1990 Airport Layout Plan, suspect location noted in 1963, 1973, and 1984 aerial photographs, no regulatory information found. The historical fuel farm is within 30 feet of CR 846 ROW, and proposed C2 Alternative.	No Changes. Given the former fuel farm located within 30 feet of the project area and lack of regulatory files, this site retains a risk rating of Medium.	Medium
38D	Former Unnamed Hanger - Immokalee Regional Airport	None found	Within	Avgas, Oils, Solvents	This site was previously assigned a risk rating of Medium. Former hanger and tie down areas, noted on 1963, 1973, and 1984 aerial photographs, no regulatory information found. The historical hanger is within the proposed C2 Alternative Corridor.	No Changes. Given the location of the former hanger and reasonable suspicion of unreported discharges during fueling and/or maintenance operations within the project area, this site retains a risk rating of Medium.	Medium
38E	Former South Johnson Hangers - Immokalee Regional Airport	None found	Within	Avgas, Oils, Solvents	This site was previously assigned a risk rating of Medium. Former hanger and tie down areas, depicted on a 1980 Airport Layout Plan, suspect location noted on 1963, 1973, and 1984 aerial photographs, no regulatory information found. The historical hangers are within the proposed C2 Alternative Corridor.	No Changes. Given the location of the former hanger and reasonable suspicion of unreported discharges during fueling and/or maintenance operations within the project area, this site retains a risk rating of Medium.	Medium
38F	Former Crapse Hanger - Immokalee Regional Airport	None found	Within	Avgas, Oils, Solvents	This site was previously assigned a risk rating of Medium. Former hanger and tie down areas, depicted on a 1980 Airport Layout Plan, suspect location noted on 1963, 1973, 1984, and 1994 aerial photographs, no regulatory information found. The historical hanger is within the proposed C2 Alternative Corridor.	No Changes. Given the location of the former hanger and reasonable suspicion of unreported discharges during fueling and/or maintenance operations within the project area, this site retains a risk rating of Medium.	Medium
38G	Former North Johnson Hangers - Immokalee Regional Airport	None found	Within	Avgas, Oils, Solvents	This site was previously assigned a risk rating of Medium. Former hangers and tie down areas, depicted on a 1980 Airport Layout Plan, suspect location noted on 1973 aerial photograph, the historical hangers are within the proposed C2 Alternative.	No Changes. Given the location of the former hanger and reasonable suspicion of unreported discharges during fueling and/or maintenance operations within the project area, this site retains a risk rating of Medium.	Medium
38H	Immokalee Airport - Former Hatfield Fuel Farm Area	None found	Within	Avgas, Gasoline	This site was previously assigned a risk rating of Low. Former fuel farm area depicted on a 1980 Airport Layout Plan, suspect AST noted on 2004 and 2005 aerial photographs, suspect fuel dispenser noted on 1984 aerial photograph, no regulatory information found.	No Changes. Given the lack of reported discharges, this site retains a risk rating of Low.	Low

Table 3 – Contamination Sites Risk Ratings							
Site ID	Site Name & Address	Databases/ Facility ID/ Or Other Source	Distance from Project Area	Contaminants of Concern	Risk Ratings from July 2018 Contamination Screening Evaluation and Pond Siting Report (* indicates High or Medium rated contamination site located within the proposed ROW)	Updates since 2018 CSER	Risk Rating
39	South Florida Packers (also Nobles Collier and A&A Produce) 212 Jerome St	LUST 9501563	475 feet west	Gasoline, Diesel, Lead	This site was previously assigned a risk rating of Medium. Former retail station, two leaded gasoline USTs and one diesel UST removed 1977, DRF 1995, CAR 1995, MOP 1999, SRCO 2004, groundwater flow to southwest.	No Changes. Given the proximity to the project area, this site retains a risk rating of Medium.	Medium
43	Fl Dept of Agriculture/ Consumer - Immokalee State Farmers Market 424 New Market Rd	STRCRA FLR000105221	495 feet south	Solvents, Waste oil	This site was previously assigned a risk rating of Low. Existing farmers market, verified non-generator, no violations reported, however eleven areas of concern were noted during an inspection of Unit 12 (the former David C. Brown produce packing house) conducted on January 28, 2004, the concerns (located mainly in the equipment and vehicle wash down area) were rectified and the case closed on March 11, 2004, no records in OCULUS after the case closed date. This site is immediate up-gradient to former water supply well (#203) associated with the Immokalee Airport (potable) Water Treatment Plant (Site 48) the trace levels of solvents detected in well #203 in 2003 are suspected to have originated from the Site 43 Unit 12 wash down area.	No Changes. Given the regulatory status, and intervening canal, this site retains a risk rating of Low.	Low
48	Immokalee Airport Water Treatment Plant Airport Service Rd	STRCRA FLR000107698	Within	Sodium hypochlorite, Ammonium sulfate, Diesel	This site was previously assigned a risk rating of Low. Existing potable water supply wells, treatment, and storage facility. Chemical storage area 210 feet east of proposed corridor. Deisel powered generator 390 feet east of the proposed corridor, no records found after 2006. A former water supply well (#203) for this site is immediate down-gradient of Site 43 (Immokalee State Farmers Market – Unit 12), trace levels of solvents were identified in this well #203 in 2003, well #203 was abandoned sometime after 2006.	No Changes. This site retains a risk rating of Low.	Low
53	Smith's Wrecker Service 1000 Alachua St	STRCRA FLR000104836	415 feet west	Waste oil, Batteries, Tires	This site was previously assigned a risk rating of No. Existing storage and auto salvage yard, CESQG with eight violations, five resolved in 2004, and three resolved in 2005, no records found after 2005.	No Changes. Given the separation distance, this site retains a risk rating of No.	No
56	M & M Salvage and Used Auto Parts, Inc. (also Immokalee Waste Tire Site/Robert's Auto Salvage, W & T Salvage Yard, and Jay's Towing) 106 Dixie Avenue E	LUST 9805236 STRCRA FLR000024554 SLDWST 95582	230 feet southwest	Gasoline, Waste oil, Batteries, Tires	This site was previously assigned a risk rating of Low. The existing auto salvage yard is 210 feet southwest of the Central Alternative 2 corridor. LUST - one waste oil AST in service, DRF 2002, NFA 2003, small amounts of oil impacted soil were removed from two areas over 500 feet from corridor, no groundwater impacts reported, last LUST entry 2003. STCR-CESQG with twelve violations, three resolved in 1997 and nine resolved in 2004, last STCR entry 2005. The SLDWST files report the removal of over 50,000 tires from the site and adjacent areas, last SLDWST entry 2011.	This site has an open out-of-compliance case according to a Compliance Assistance Offer (CAO) letter dated August 28, 2023 (CSER Appendix B). An inspection on June 12, 2023 stated the facility is no longer in operation, but holds an active NPDES MSGP (FLR05H006). To close the permit, the facility will have to remove all potential pollutant sources (pile of tires and old auto parts) to be in compliance. Even though the site is out of compliance and storing old tires and auto parts, the risk rating was left at Low due to its distance from the mainline.	Low
58	Huapilla Produce Inc. (also Flores Son's Truck Tires and Browning Brothers Palm 213 W Madison Ave	TANKS 8518201 NONTDS FLR000066035	480 feet southwest	Diesel, Waste oil	This site was previously assigned a risk rating of Low. Existing produce transporter, former used tire disposal SLDWST, former palm tree sales, TANKS one diesel AST removed 2001 and one waste il AST reported as in service, no discharges reported, site appeared vacant with no AST in August 2017 field review, former CESQG with no violations, no records found in OCULUS after 2000.	No Changes. Given the separation distance and lack of reported discharges, this site retains a risk rating of Low.	Low

Table 3 – Contamination Sites Risk Ratings							
Site ID	Site Name & Address	Databases/ Facility ID/ Or Other Source	Distance from Project Area	Contaminants of Concern	Risk Ratings from July 2018 Contamination Screening Evaluation and Pond Siting Report (* indicates High or Medium rated contamination site located within the proposed ROW)	Updates since 2018 CSER	Risk Rating
60	K&B Commercial Rentals #1 (also Top Auto Parts) 314 W New Market Rd	STRCRA FLR000064675	485 feet south	None	This site was previously assigned a risk rating of Low. Existing church and former auto parts store, no violations reported, no records found after 2011.	No Changes.  Given the separation distance, and lack of reported discharges, this site retains a risk rating of Low.	Low
62	Styes on the Edge (Former Country Cleaners of Immokalee) 1255 N. 15 <sup>th</sup> Street	TANKS 9501904 FLR000049999	470 feet south	Drycleaning solvents	This site was previously assigned a risk rating of Medium since it was an open discharge (drycleaning solvent) within 500 feet which may affect NPDES permitting if dewatering is required.	This site was issued an SRCO in March 2019. Although the parcel is located 470 feet south of the project limit, the former drycleaners building (source) was located over 650 feet south of the south project limit.  Given the regulatory status and separation distance, the risk rating is changed from Medium to No.	No
65	University of Florida IFAS Southwest Florida Research and Education Center (SFREC) 2685 SR 29	TANKS 8735911 HAZARD WASTE FLD981470016	Adjacent west	Petroleum, Pesticides, Herbicides	This site was assigned a risk rating of Low given the separation distance to contamination concerns including a “dump area” with pesticide impacts 2,230 feet west; and ten petroleum storage tanks, the nearest being over 400 feet west of the ROW, with no reported discharges.	Collier County issued a Return to Compliance letter for broken gauges and lack of overfill prevention device testing (noted during the routine April 13, 2023 inspection) associated with petroleum storage tanks on February 6, 2024 (CSER Appendix B). No discharges were reported.  Given the separation distance of over 400 feet to the nearest contamination concerns, this site retains a risk rating of Low.	Low
66	Silver Strand Orange Grove 0.5 miles south of SR 82	NONTSD FLT010067312	Adjacent east	Pesticides, Herbicides	This site was previously assigned a risk rating of Low given the grove located adjacent east with an emergency generator number created in 2001 to remove seven drums of aldicarb (suspected location over 3,300 feet east). No cleanup issues were reported. A “decon unit” was observed 230 feet east of existing SR 29 ROW in 2018.	Since multiple parcels in this vicinity are owned by Barron Collier Properties (and “Silver Strand” is not currently identified on the Collier County Property Appraiser database), the limits of Silver Strand Orange Grove were not evident. The location is described as “adjacent east” of SSR 29 in the 2018 CSER. According to the Silver Strand Sod website, Barron Collier Companies agricultural operations are run under the Silver Strand banner which is divided into divisions including Silver Strand Farms, Silver Strand Groves and Immokalee Ranch, totaling over a thousand acres. It appears at least a portion of this grove was acquired and redeveloped by FP&L as a solar farm and electrical substation (FA-21, risk rating Low). Provided the groves east of SR 29 in this vicinity was part of the Silver Strand Orange Grove, although the parcel is adjoining east, the groves are located 80 feet east of the ROW with an intervening ditch and unpaved road.  Given the separation distance of 80 feet to the groves, 230 feet to the former “decon unit,” and over 3,300 feet to former aldicarb drum location, this site retains a risk rating of Low.	Low
<b>New Contamination Sites</b>							
67	Collier Health Services/ Marioni Fether Medical Center 1454 Madison Avenue	TANKS 9818091	Adjoining east	Petroleum	Not identified in the July 2018 Contamination Screening Evaluation and Pond Siting Report.	This site was identified as Site 67 in the Contamination Screening Evaluation Report, Addendum to Include Recommended Pond Sites and Mainline Changes dated February 16, 2024. It was assigned a risk rating of Low given the emergency generator diesel AST installed on November 6, 2020 with no reported discharges. Additionally, two “minor” violations (lack of overfill equipment test, and leak sensor test) were noted and corrected in May 2022 (CSER Appendix B).  Although an AST is present, the site was given a Low risk rating due to the recent installation of the AST, lack of reported discharges, and distance of the site from the mainline.	Low

Table 3 – Contamination Sites Risk Ratings							
Site ID	Site Name & Address	Databases/ Facility ID/ Or Other Source	Distance from Project Area	Contaminants of Concern	Risk Ratings from July 2018 Contamination Screening Evaluation and Pond Siting Report (* indicates High or Medium rated contamination site located within the proposed ROW)	Updates since 2018 CSER	Risk Rating
68	Atlantic Coast Line (ACL) Railroad (Haines City Branch) (Abandoned Railway Line)	Aerials	Within	Creosote (polycyclic aromatic hydrocarbons (PAHs) from railroad ties), heavy metals (lead, arsenic), leaked oil, and gasoline constituents	Not identified in the July 2018 Contamination Screening Evaluation and Pond Siting Report.	Former railway easements crossing the proposed project were noted on historical aerials and maps. The former easements are within the Gopher Ridge Road ROW and parallel to the west side of SR 29 ROW south of Seminole Crossing Trail. All signs of the railroad have been removed. However, lumber cross ties may be encountered as a result of improvement activities for the proposed project. Lumber cross ties are likely treated with creosote compounds. Following their removal, the treated lumber should be disposed of at a lined landfill permitted to receive this material.  Because any known contaminants were most likely mitigated during the conversion of the railroad to the current uses, the site has been assigned a Low risk rating.	Low
69	Sunniland Pipeline	Previous reports	Within and/or near	Petroleum	*Although this site was discussed in the July 2018 Contamination Screening Evaluation and Pond Siting Report, it was not assigned a risk rating. Therefore, it is considered a new contamination site for this evaluation.	Although discussed in the 2018 CSER, the pipeline was not identified as a contamination site or assigned a risk rating. Therefore, for this report it is considered a new contamination site. A former petroleum pipeline easement (Sunniland Pipeline) was reported to parallel the SR 29 ROW in the Immokalee/Sunniland Area. Reportedly, the pipeline has been abandoned and presumed emptied of petroleum product. It was noted that the remaining “flow lines” were flushed by Exxon in 1998, despite a lack of documentation and the removal of the pipeline. As above ground markers have been removed or not visible (overgrown), the location of the pipeline could not be determined during the 2018 field reviews. If encountered, the contractor must assume that residual petroleum product remains within the pipeline and, if compromised, may result in a discharge. The pipeline appears to intersect portions of the northern and southern sections of the project area.  Based on the proximity of the petroleum pipeline, potential for pipe degradation, potential for a history of discharges associated with pipelines in the area, and uncertainty of pipeline status, the Sunniland Pipeline has been assigned a Medium risk rating and further construction activities should be coordinated with the DCIC.	Medium
70	CDC #1 OG 379 Dryhole	Aerials	450 feet west	Petroleum, metals	Not identified in the July 2018 Contamination Screening Evaluation and Pond Siting Report.	This site was identified on the FDEP Map Direct (Oil and Gas) database as a prospective oil well located within the “Wildcat” oil field. The dry well was drilled to a measured depth of 11,810 feet bbls in 1967 and was plugged (with a welded cover) in 1968. Although not identified as a producer oil well, there is a potential for petroleum-based drilling fluids to have been introduced and disposed at/near the reserve pit area, as well as lesser amounts of petroleum constituents mixed with salt water from the borehole itself. Petroleum-based and mineral oil-based drilling fluids and reserve pit waste contaminants (petroleum and metals including lead, arsenic, chromium, fluoride, lead and zinc) are typically associated with oil wells. Although sought, this well was not observed during the 2020 site reconnaissance.  Given the separation distance, this site is assigned a risk rating of Low.	Low
71	Cell Tower 2829 SR 29	Aerials	470 feet west	Petroleum	Not identified in the July 2018 Contamination Screening Evaluation and Pond Siting Report.	Aerial photographs first depict the cell tower in 2004. No regulatory files were found. Typically, cell towers include at least one generator powered by either diesel fuel or propane.  Given the separation distance, this site is assigned a risk rating of No.	No



Table 3 – Contamination Sites Risk Ratings							
Site ID	Site Name & Address	Databases/Facility ID/ Or Other Source	Distance from Project Area	Contaminants of Concern	Risk Ratings from July 2018 Contamination Screening Evaluation and Pond Siting Report (* indicates High or Medium rated contamination site located within the proposed ROW)	Updates since 2018 CSER	Risk Rating
72	Howard Fertilizer Spill	ERIC_15319	Within SR 29 ROW	Groundwater: arsenic, iron, and manganese.  Soil: None.  Surface Water: Iron.  Sediment: None.	*Not identified in the July 2018 Contamination Screening Evaluation and Pond Siting Report.	<p>The FDEP Office of Emergency Response Incident Report (Incident No. 2019-3I-64280) states a Howard Fertilizer truck discharged 500-gallons of liquid fertilizer onto SR 29 (including grassy ROWs on both sides of the road) on October 3, 2019. Although no pooling was noted, the Fire Department reported 20-foot by 30-foot stains on each side of SR 29. Additionally, vehicles had driven through the spill prior to the arrival of the Fire Department which extended the liquid fertilizer to a “500-700” foot area of SR 29 (<b>CSER Appendix B</b>). Media affected included impervious surface (SR 29), soil, groundwater, and surface water (west ditch).</p> <p>The most recent site assessment report (Site Assessment Report dated September 14, 2022) states roadway construction activities performed recently (prior to March 2021) included the spill area, and the two temporary groundwater monitoring wells were apparently destroyed. The wells were reinstalled after the roadway construction activities were completed in 2022. Groundwater, surface water, and sediment samples were collected on July 20, 2022. Laboratory results exceeded GCTLs. Measured depth of shallow groundwater ranged from 3.90 to 4.52 feet bls. Groundwater flow was reportedly to the north-northeast. According to the report, the iron concentration of 698.0 ug/L in the surface water sample collected from the West Ditch exceeds the background concentration of 171 (I) ug/L. Sample locations are depicted on figures included in the report (<b>CSER Appendix B</b>).</p> <p>The following is a brief summary of FDEP’s review (letter dated October 25, 2022) of the Site Assessment Report dated September 14, 2022:</p> <ol style="list-style-type: none"> <li>1. FDEP recommends determining another source for the groundwater contamination (arsenic, iron and manganese), or perform a background concentration study to determine if the contaminants are naturally occurring.</li> <li>2. Sediment sampling in the west ditch is no longer required since laboratory results were below the Threshold Effect Concentrations (TECs) identified in the Department’s Development and Evaluation of Numerical Sediment Quality Assessment Guidelines for Florida Inland Waters.</li> <li>3. Horizontal and vertical extent of groundwater contamination needs to be delineated.</li> <li>4. After installation of groundwater monitoring wells (TMW-W(R), TMW-E(R), and TMW-B (background), collect samples and analyze for arsenic, iron, and manganese.</li> <li>5. Surface water sampling for iron should continue at the West Ditch.</li> </ol> <p>The Interim Source Removal Proposal dated March 21, 2023 requests FDEP approval for the installation of two recovery wells. The wells will be installed within the FDOT ROW along the east and west sides of SR 29. Each 4-inch diameter well will be installed to a depth of 30 feet bls, with 15 feet of screen at the bottom. After removing 5,000-gallons of groundwater from each well, groundwater samples will be collected and analyzed for arsenic, iron, and manganese. A figure in the document depicts the proposed recovery well locations next to TMW-E, and TMW-W (<b>CSER Appendix B</b>). In an email, the FDEP granted approval of the plan on April 14, 2023. An email dated September 8, 2023 states the two recovery wells were installed on September 6, 2023. An FDEP email dated January 3, 2024 states the FDEP granted a time extension for completion of this task/report until March 18, 2024 (<b>CSER Appendix B</b>).</p> <p>Given the GCTL exceedances within the SR 29 ROW (both east and west sides), and the lack of complete delineation, this site is assigned a risk rating of High. Additionally, since this is an open discharge NPDES permitting may be affected if dewatering is required within 500-feet of this site.</p>	High

Table 3 – Contamination Sites Risk Ratings							
Site ID	Site Name & Address	Databases/ Facility ID/ Or Other Source	Distance from Project Area	Contaminants of Concern	Risk Ratings from July 2018 Contamination Screening Evaluation and Pond Siting Report (* indicates High or Medium rated contamination site located within the proposed ROW)	Updates since 2018 CSER	Risk Rating
73	Arsenic NW corner of SR 29/SR 82	Previous report	Adjacent northwest	Arsenic	Not identified in the July 2018 Contamination Screening Evaluation and Pond Siting Report.	The arsenic RDE SCTL exceedance of 8.6 mg/kg at SB-1 (coordinates 26.48585, 81.4348) was identified in the Final Level II Field Screening Report dated July 6, 2017 (FPID 417878-4-52-01), the adjoining north project. The current location is within the ROW which was redeveloped (and mitigated with blending/mixing of soils) in 2021/2022 as a roundabout at the intersection of SR 29/SR 82. Approximately 2,600 feet of SR 29 was widened (redeveloped) south of the roundabout at the time. The depth of the composite sample (SB-1) was from existing grade to two feet below existing grade. The concentration exceeds the RDE SCTL of 2.1 mg/kg but is below the CIDE SCTL of 12 mg/kg.  Given this vicinity was redeveloped and potential arsenic impacts were mitigated, this site is assigned a risk rating of Low.	Low
74	Row Crops 3637 SR 29	Aerial photographs, Site reconnaissance	Adjacent west	Pesticides, Herbicides	Not identified in the July 2018 Contamination Screening Evaluation and Pond Siting Report.	This site was depicted on aerial photographs from 1993 to 2022. No mix/load areas, diesel powered irrigation pumps, petroleum tanks or hazardous materials were observed onsite during site reconnaissance or during the review of historical aerial photographs.  Given the proximity, and separation by a ditch and woods, this assigned a risk rating of Low.	Low

Table 4: Pond Site Risk Ratings		
Pond ID	Risk Rating	Comments
Pond 501B	Medium	<p>Pond 501B was not previously identified in the PD&amp;E Contamination Screening Evaluation Report and Pond Siting Report dated July 2018, or the Level I Contamination Screening Evaluation Report (Pond Alternatives), FPID 417540-6-52-01, dated October 22, 2020.</p> <p><b>Risk Rating:</b> Given the location on the airport property and within the Immokalee Airport Area Brownfield, Pond 501B is assigned an initial risk ranking of Medium.</p>
Pond 502A (PD&E Pond 31-C2)	Medium	<p>A small portion of Pond 502A was previously identified as Pond 31-C2 and was assigned a risk rating of Medium in the PD&amp;E Contamination Screening Evaluation Report and Pond Siting Report dated July 2018 since it was located within a citrus grove. Given the footprint expansion, aerial photographs depict woods, and a ditch in the southwest corner, and groves in eastern area.</p> <p>FA-15 – This site contains a former staging area within an existing citrus grove. No issues were discovered during a March 2018 field review during preparation of the 2018 CSER. The site's rating was increased to Medium due to the presence of the citrus grove where surface and subsurface soils may contain application levels of pesticides and herbicides.</p> <p>Site 56 – This site is rated medium due to an open out-of-compliance case according to a Compliance Assistance Offer (CAO) letter dated August 28, 2023. An inspection on 6/12/2023 stated the facility is no longer in operation, but holds an active NPDES Multi-Sector Generic Permit (MSGP) (FLR05H006). To close the permit, the facility will have to remove all potential pollutant sources (pile of tires and old auto parts) to be in compliance.</p> <p><b>Risk Rating:</b> Due to groves located within the pond boundaries, and compliance concerns with piles of tires and old auto parts, Pond 502A retains a risk rating of Medium.</p>
Pond 503B (PD&E Pond 32-C1R/Pond 32-C2)	Low	<p>A small portion of Pond 503B was previously identified as Pond 32-C1R / Pond 32-C2 in the PD&amp;E Contamination Screening Evaluation Report and Pond Siting Report dated July 2018. It was assigned an initial risk rating of Low with no contamination concerns noted. Pond 503B was not evaluated in the Level I Contamination Screening Evaluation Report (Pond Alternatives), FPID 417540-6-52-01, dated October 22, 2020. Given the footprint expansion, aerial photographs depict a grassy field, a dirt trail, and woods in the northwestern area. No other changes were noted.</p> <p><b>Risk Rating:</b> Due to an existing canal/buffer between the southeastern pond boundary and an existing citrus grove, Pond 503B retains a risk rating of Low.</p>
Pond 601A	No	<p>Pond 601A was previously evaluated in the Level I Contamination Screening Evaluation Report (Pond Alternatives), FPID 417540-6-52-01, dated October 22, 2020. It was assigned a risk rating of No due to the lack of contamination concerns. For this evaluation, the footprint of Pond 601A was only slightly modified. No other changes were noted.</p> <p><b>Risk rating:</b> Pond 601A retains a risk rating of No.</p>
Pond 602B (PD&E Pond 35)	Medium	<p>Pond 602B was previously identified as Pond 35 in the PD&amp;E Contamination Screening Evaluation Report and Pond Siting Report dated July 2018. It was assigned an initial risk rating of Low with no contamination concerns noted. As a result of the Level I Contamination Screening Evaluation Report (Pond Alternatives), FPID 417540-6-52-01, dated October 22, 2020, the risk rating was changed to Medium given the proximity to Site 69 - Sunniland Pipeline. For this evaluation, the footprint remained the same. No changes were noted.</p> <p><b>Risk rating:</b> Given the proximity to Site 69 - Sunniland Pipeline, Pond 602B retains a risk rating of Medium.</p>
Pond 603/604B	Medium	<p>Pond 603/604B was not evaluated in the PD&amp;E Contamination Screening Evaluation Report and Pond Siting Report dated July 2018. It was previously assigned a risk rating of Medium in the Level I Contamination Screening Evaluation Report (Pond Alternatives), FPID 417540-6-52-01, dated October 22, 2020 given the proximity to Site 69 - Sunniland Pipeline. For this evaluation, the footprint remained the same. No changes were noted.</p> <p><b>Risk rating:</b> Given the proximity to Site 69 - Sunniland Pipeline, Pond 601B retains a risk rating of Medium.</p>
Pond 605A (PD&E Pond 39)	Medium	<p>This pond alternative was previously identified as Pond 39 in the PD&amp;E Contamination Screening Evaluation Report and Pond Siting Report dated July 2018. It was assigned an initial risk rating of Medium based on historical use as groves. The risk rating of Medium was retained in the Level I Contamination Screening Evaluation Report (Pond Alternatives), FPID 417540-6-52-01, dated October 22, 2020, given the use as groves, and the added rationale of the proximity to Site 69 - Sunniland Pipeline. For this evaluation, the footprint remained the same. No changes were noted.</p> <p><b>Risk rating:</b> Given the use as groves, and the proximity to a buried petroleum pipeline, Pond 605A retains a risk rating of Medium.</p>

Table 4: Pond Site Risk Ratings		
Pond ID	Risk Rating	Comments
Pond 606A	Medium	<p>Pond 606A was previously assigned a risk rating of No in the Level I Contamination Screening Evaluation Report (Pond Alternatives), FPID 417540-6-52-01, dated October 22, 2020 given the lack of contamination concerns. For this evaluation, the footprint remained the same.</p> <p>Updated information since the 2020 evaluation includes:</p> <p>Site FA-21 - Florida Power &amp; Light (Former Barron Collier Partnership, Parcel 000650000003, 3350 SR 29) solar farm is located 200 feet east of Pond 606A. Given the separation distance, this site is not a contamination concern to Pond 606A.</p> <p>Site 72 - Howard Fertilizer Spill: A groundwater contamination plume (arsenic, iron, and manganese) located on both sides of the SR 29 ROW has not been delineated horizontally or vertically; and iron exceeds the surface water criteria in the west ditch. The spill is located 220 feet northeast of Pond 606A, within the SR 29 ROW, and reportedly affected a "500-700" foot area since vehicles continued driving through after the spill occurred. Although assessment is not complete, groundwater remediation efforts (collection of 5,000-gallons of groundwater from each of the two recovery wells in the source area) are in progress. An FDEP email dated January 3, 2024 states the FDEP granted a time extension for completion of this task/report until March 18, 2024.</p> <p><b>Risk rating:</b> Given the open discharge associated with Site 72 is located within 500 feet and may affect NPDES permitting if dewatering is required, and un-delineated groundwater and surface water plumes, the risk rating for Pond 606A is changed from No to Medium.</p>
Pond 607A	Medium	<p>Pond 607A was previously evaluated in the Level I Contamination Screening Evaluation Report (Pond Alternatives), FPID 417540-6-52-01, dated October 22, 2020. Although row crops/plowed field were located within Pond 607A, since concentrated contamination concerns (maintenance/storage buildings, mix/load areas, tanks, etc.) were not identified, it was assigned a risk rating of Low. For this evaluation, the footprint remained the same.</p> <p>Updated information since the 2020 evaluation includes:</p> <p>Site 74 – Row Crops were depicted within the limits of Pond 607A and adjoining west on aerial photographs from 1993 to 2022. No mix/load areas, diesel powered irrigation pumps, petroleum tanks or hazardous materials were observed onsite during site reconnaissance or during the review of historical aerial photographs.</p> <p>Site FA-21 - Florida Power &amp; Light (Former Barron Collier Partnership, Parcel 000650000003, 3350 SR 29) solar farm is located 200 feet east of Pond 607A. Given the separation distance, this site is not a contamination concern to Pond 607A.</p> <p><b>Risk rating:</b> Given the use as row crops (Site 74), Pond 607A is changed from Low to Medium.</p>

## 5.0 Conclusions and Recommendations

A total of 50 mainline contamination sites were assessed as part of this CSER Addendum. A summary of the risk ratings assigned is provided in **Table 5**.

Table 5 – Contamination Site Risk Rating Summary			
High	Medium	Low	No
4	18	23	5

A total of 9 pond sites were evaluated as part of this CSER Addendum. A summary of the risk ratings assigned is provided in **Table 6**.

Table 6 – Pond Site Risk Rating Summary			
High	Medium	Low	No
0	7	1	1

Based on the conclusions of the study and the risk ratings noted above, the following recommendations are made for this project:

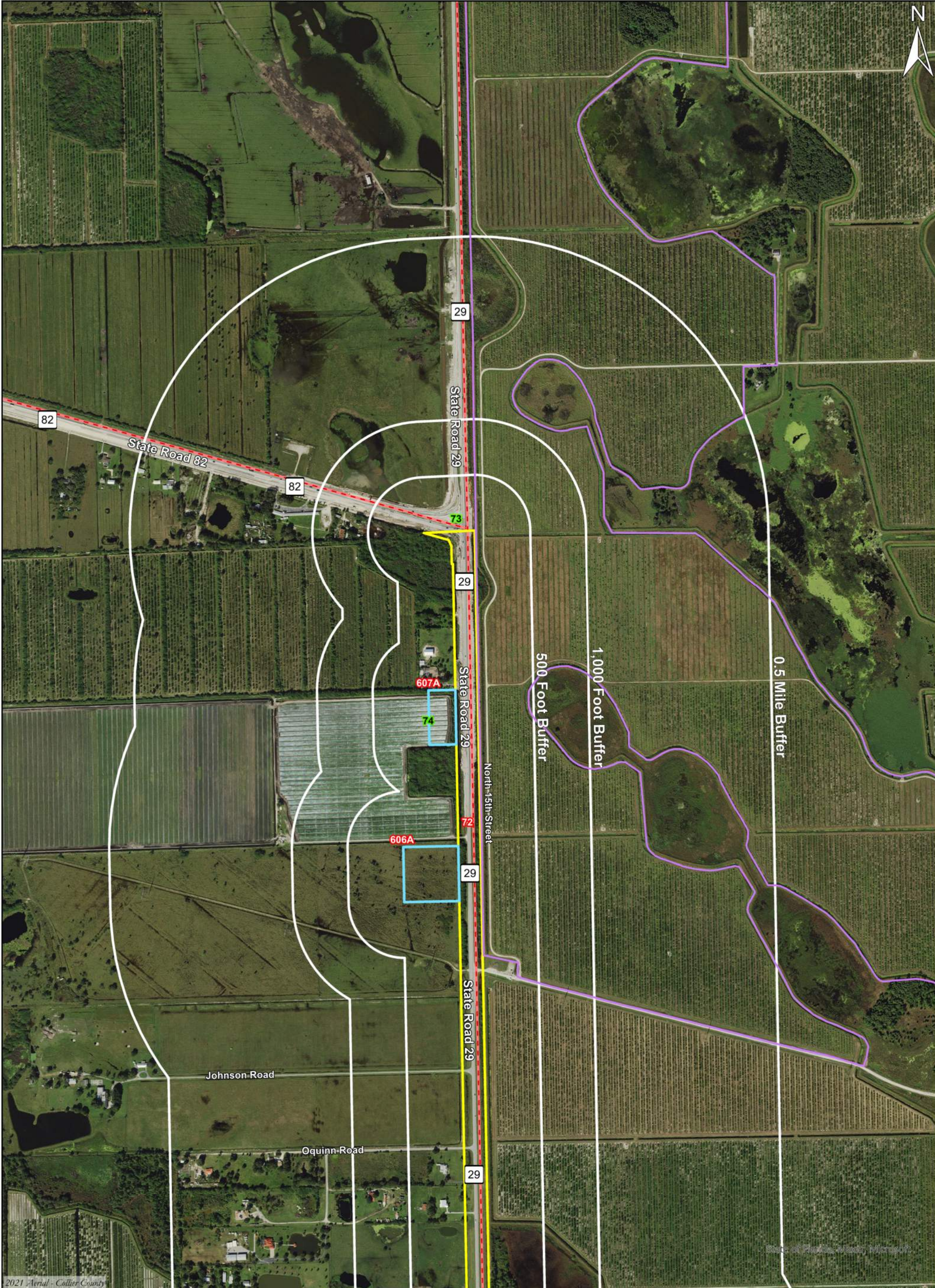
- Additional information may become available or site-specific conditions may change from the time this report was prepared and should be considered prior to acquiring ROW and/or proceeding with roadway construction.
- No further evaluation is recommended for the contamination sites or pond sites assigned risk ratings of No or Low as none are expected to have contamination involvement.
- A total of 29 locations were assigned High or Medium risk ratings (4-High rated and 18-Medium rated contamination sites; 7 Medium rated pond sites). These locations were identified within the study area and should be considered for Level II testing. Level II testing is performed to assess the presence/absence of contamination, identify impacts to construction, and to develop site-specific recommendations. Level II activities are performed by FDOT’s CAR contractor and should be completed prior to construction. For projects with new (proposed) ROW, Level II activities should be completed prior to ROW acquisition. Typically, they are performed during the design phase and can include soil borings, monitoring well installation, soil and groundwater sampling, laboratory testing, OVA screening, boundary surveys, additional file research, and GPR surveys. Further evaluation and Level II testing, at the discretion of the DCIC, is recommended for the following:
  - Petroleum: Sites FA-12, 22, 26, 28, 30, 38A, 38C, 38E, 38F, 38G, 39, 69, Ponds 602B, 603/604B, and 605A were risk rated Medium for petroleum concerns. Level II activities may include OVA screening, and the collection of soil samples for laboratory analysis. Laboratory analysis of soil samples may include one or more of the following: Total Recoverable Petroleum Hydrocarbons (TRPH) by the FLPRO Method, Polycyclic Aromatic Hydrocarbons (PAHs) by EPA Method 8270, and volatile organics by EPA Method 8260. Additionally, Sites 28 and 39 should also include testing for lead by EPA Method 6010; and Sites 22, 38A, 38D, 38E, 38F, and 38G should include

Resource Conservation and Recovery Act (RCRA) 4 metals (arsenic, cadmium, chromium, and lead), and PCBs using EPA Method 8082 for waste oil and solvents. Detections in the soil above the regulatory standard may require additional soil and/or groundwater samples for delineation purposes. Site 69, and Ponds 602B, 603/604B, and 605A were risk rated Medium based on proximity to Site 69 – Sunniland Pipeline. The precise location of the buried petroleum pipeline was not reasonably ascertainable. The pipeline should be presumed to contain petroleum products and caution should be exercised during construction activities. GPR and assessment tasks are warranted prior to construction to identify the precise location of the pipeline and any soil/groundwater impacts.

- Herbicides/Pesticides: for Sites FA-15, FA-16, FA-17, FA-18, FA-19, 22, Ponds 502A, 605A, and 607A, soil analytical testing may include arsenic by EPA Method 6010, Organochlorine Pesticides by EPA Method 8081, Organophosphorus Pesticides by EPA Method 8141, Chlorinated Herbicides by EPA Method 8151, EDB by EPA Method 504.1, and PCBs by EPA Method 8082. Detections in the soil above the regulatory standard may require additional soil samples for delineation purposes and groundwater samples.
- Pesticides/Metals: for Site 22 Winfield Solutions, soil analytical testing may include Organochlorine Pesticides by EPA Method 8081, Organophosphorus Pesticides by EPA Method 8141, RCRA 8 (arsenic, barium, cadmium, chromium, lead, selenium, silver and mercury), EDB by EPA Method 504.1, and metals by EPA Method 6010 and EPA Method 7471.
- Fertilizer: Site 72 - Howard Fertilizer Spill, groundwater testing should include arsenic, iron, and manganese by EPA Method 6010 and surface water in the west ditch for iron by EPA Method 6010.
- Solvents and Waste Oil: for Sites FA-14, 32 and 33, Level II activities may include OVA screening, and the collection of soil samples for laboratory analysis including TRPH by FL-PRO Method, PAHs by EPA Method 8270, and volatile organics by EPA Method 8260, RCRA 4 metals (arsenic, cadmium, chromium, and lead), and PCBs using EPA Method 8082.
- Level II testing costs are estimated at \$2,000 to \$10,000 per site. If impacts are identified during Level II testing, Level III support activities such as source removal and/or dewatering may be required during construction and are estimated at \$50,000 to \$100,000 per site.
- Once final design plans are available, additional review is recommended in consideration of dewatering operations that may be necessary under the NPDES Generic Permit for Stormwater Discharges from Large and Small Construction Activities. Verification testing may be warranted for contamination issues within 500 feet of the dewatering area.

# **CSER APPENDIX A**

## Contamination Site Map

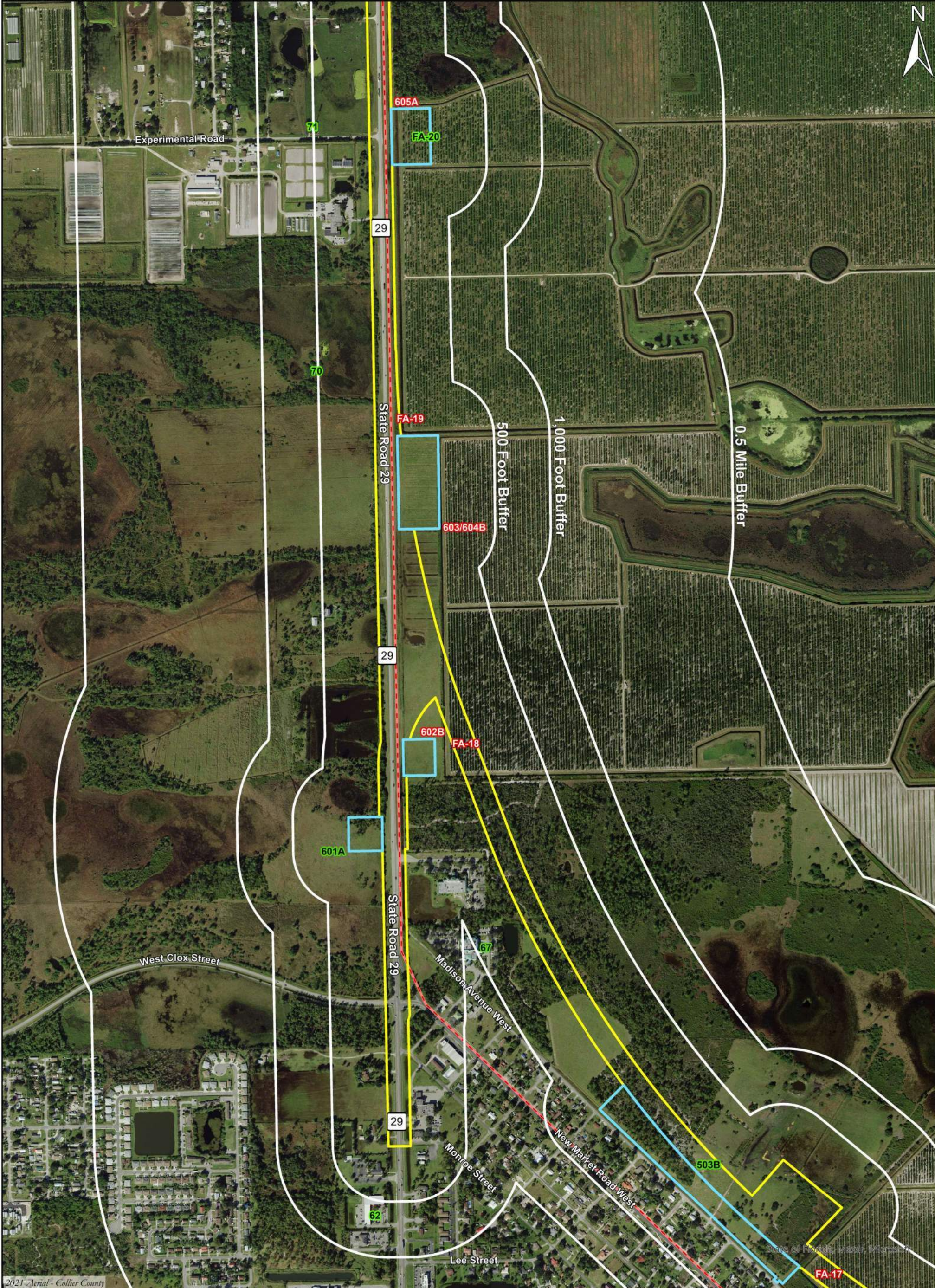


# Contamination Site Map

Maps limited to concurrent design segments discussed in Contamination Screening Evaluation Report Addendum

<p>Sheet No.</p> <p>1</p>	<p>800 400 0 800</p> <p>1 Inch = 800 Feet</p> <p>Collier County, Florida                  FPID No.: 417540-1-22-01                  Project No.: 6511-18-100E</p>	<p><b>Legend</b></p> <ul style="list-style-type: none"> <li><span style="color: green; font-weight: bold;">MAP ID</span> No/Low Rated Sites</li> <li><span style="color: red; font-weight: bold;">MAP ID</span> Medium/High Rated Sites</li> <li><span style="border-bottom: 2px solid yellow; width: 20px; display: inline-block;"></span> Project Area</li> <li><span style="border-bottom: 2px solid blue; width: 20px; display: inline-block;"></span> Pond Alternatives</li> <li><span style="border-bottom: 2px solid purple; width: 20px; display: inline-block;"></span> Site FA-21 - FP&amp;L Immokalee Solar Energy Center (Risk Rating: Low)</li> <li><span style="border-bottom: 2px dashed red; width: 20px; display: inline-block;"></span> Site 62 - Estimated Route of Sunniland Pipeline (Risk Rating: Medium)</li> </ul>
---------------------------	---	--





2021 Aerial - Collier County

## Contamination Site Map

Maps limited to concurrent design segments discussed in Contamination Screening Evaluation Report Addendum

Sheet No.	<p>1 Inch = 800 Feet</p>	<p><b>Legend</b></p> <p><b>MAP ID</b> No/Low Rated Sites  Site 62 - Estimated Route of Sunniland Pipeline (Risk Rating: Medium)</p> <p><b>MAP ID</b> Medium/High Rated Sites</p> <p> Project Area</p> <p> Pond Alternatives</p>
2	<p>Collier County, Florida                  FPID No.: 417540-1-22-01                  Project No.: 6511-18-100E</p>	



2021 Aerial - Collier County

State of Florida, Maxar, Microsoft

# Contamination Site Map

Maps limited to concurrent design segments discussed in Contamination Screening Evaluation Report Addendum

Sheet No.	<p>800 400 0 800</p> <p>1 Inch = 800 Feet</p>	<b>Legend</b> <span style="color: green;">■</span> MAP ID No/Low Rated Sites <span style="color: red;">■</span> MAP ID Medium/High Rated Sites <span style="border: 1px solid yellow; display: inline-block; width: 10px; height: 10px;"></span> Project Area <span style="border: 1px solid blue; display: inline-block; width: 10px; height: 10px;"></span> Pond Alternatives	<span style="border-bottom: 1px dashed red; width: 20px; display: inline-block;"></span> Site 62 - Estimated Route of Sunland Pipeline (Risk Rating: Medium) <span style="border-bottom: 1px dashed black; width: 20px; display: inline-block;"></span> Site 68 - Approximate Route of ACL Railroad (Risk Rating: Low) <span style="border-bottom: 1px solid green; width: 20px; display: inline-block;"></span> Site 38 - Brownfield Area (Risk Rating: No)
3	Collier County, Florida FPID No.: 417540-1-22-01 Project No.: 6511-18-100E		

# **CSER APPENDIX B**

## Supplemental Information

## ***Site FA-13 – Immokalee Fire Control District***



FLORIDA DEPARTMENT OF  
Environmental Protection

Bob Martinez Center  
2600 Blair Stone Road  
Tallahassee, Florida 32399-2400

**Ron DeSantis**  
Governor

**Jeanette Nuñez**  
Lt. Governor

**Shawn Hamilton**  
Secretary

---

**Electronic Submission Receipt**  
**Termination of Generic Permit for Stormwater Discharge from Large and Small Construction Activities and Dewatering Operations General Permit - Confirmation**

The Florida Department of Environmental Protection has received and processed your *National Pollutant Discharge Elimination System Stormwater Notice of Termination*. This letter acknowledges that your coverage under the Generic Permit for Stormwater Discharge from Large and Small Construction Activities and Dewatering Operations *Generic Permit for Stormwater Discharge Associated with Generic Permit for Stormwater Discharge from Large and Small Construction Activities and Dewatering Operations* (CGD) has been terminated.

<b>Facility ID</b>	<b>Facility Name</b>	<b>Facility Address</b>	<b>Permit Type</b>
FLR20ET74	Immokalee Fire Station 30	510 New Market Rd E Immokalee, FL 34142 3439	CGD

Please be advised of the following:

- This letter does not release you from liability for any previous violations of the conditions of the CGD.
- If industrial activity continues to occur at the above-referenced facility after the date of this letter, stormwater discharges are unlawful unless covered by either **(1)** a new permit for stormwater discharge associated with industrial activity (individual or generic) or **(2)** a conditional no exposure exclusion from NPDES Stormwater permitting.

Please retain a copy of this confirmation for your records.

If you have any questions concerning this acknowledgment letter, please contact the NPDES Stormwater Notices Center at (866) 336-6312.

**FLORIDA DEPARTMENT OF  
Environmental Protection**

**Ron DeSantis**  
Governor

Bob Martinez Center  
2600 Blair Stone Road  
Tallahassee, Florida 32399-2400

**Jeanette Nuñez**  
Lt. Governor

**Shawn Hamilton**  
Secretary

**Receipt for Submission**

For:

**Michael Valin**

Facility ID: **FLR20ET74**

Facility Address: **510 New Market Rd E Immokalee, FL 34142 3439**

**- Notice of Termination for Generic Permit for Stormwater Discharge Construction Activities and Dewatering Operations from non-contaminated sites**

COUNTY: **Collier**

The department acknowledges receipt of your Notice of Termination (NOT) for the above referenced Generic Permit and coverage has been terminated. Please note that for sites discharging to an MS4, the Operator must send a copy of the NOT or this acknowledgement of termination within 7 calendar days of receipt to the operator of the MS4. If you have any questions, please contact the NPDES Stormwater Notices Center at (866) 336-6312 or [NPDES-stormwater@dep.state.fl.us](mailto:NPDES-stormwater@dep.state.fl.us).

Attachment: Notice of Termination for Generic Permit for Stormwater Discharge Construction Activities and Dewatering Operations from non-contaminated sites

**From:** [tankregistration](mailto:tankregistration)  
**To:** [accounting@immfire.com](mailto:accounting@immfire.com); [mchoate@immfire.com](mailto:mchoate@immfire.com)  
**Cc:** [tankregistration](mailto:tankregistration); [jbauer@immfire.com](mailto:jbauer@immfire.com); [FTM Tanks Cleanup](#)  
**Subject:** FAC ID# 9819637 New Fuel Tanks Immokalee Fire Control District  
**Date:** Wednesday, July 19, 2023 11:03:40 AM  
**Attachments:** [SKM\\_C250123071213270.pdf](#)  
[image002.png](#)  
[image003.png](#)  
[image004.png](#)

Hello Michael,

Per your request the new Facility ID # 9819637 has been assigned to Immokalee Fire Control Dist - Fire Station #30 at 510 New Market Road E, Immoakalee, FL 34142.

Also, Joshua per our telephone conversation please note tank #2 in process of being removed due to regulations request tanks 550 more to be registered once updated contact you advising same.

*Rulemaking Authority 376.303 FS. Law Implemented 376.303 FS. History--New 6-21-04, Amended 1-11-17, 10-17-19.*

**62-762.301 Applicability.**

(1) General Requirements.

(a) The requirements of this chapter, unless specified otherwise, apply to owners and operators of facilities, and owners and operators of storage tank systems with individual storage tank capacities greater than 550 gallons, that contain or contained regulated substances. Storage tank systems or system components installed after January 11, 2017, shall comply with this chapter upon installation. Unless otherwise specified in this chapter, storage tank systems or system components installed before January 11, 2017, are subject to the applicable Reference Standards listed in the Department's storage tank rules that were in effect at the time the storage tank systems or system components were installed.

Thank you

Storage Tank/Contamination Tracking - Facility Detail

Facility ID	9819637	Facility Status	OPEN	Create Date	07/14/2023
County	COLLIER	District	SD	Name Update	
Name *	IMMOKALEE FIRE CONTROL DIST -FIRE STATION #30				
Address *	510 NEW MARKET ROAD E				
Address2					
City	IMMOAKALEE	FL	34142	Comments?(Y/N)	N
Facility Contact Name	DEREK NEUMAN	Facility Contact Phone	239-657-2111	Account Status	INVOICE 14-JUL-2023
Invoice Activity Date	07/14/2023	Contact Phone Verified By	HUDSON C	ASTC	1
Current Placard Date		Contact Phone Last Verified	07/14/2023	USTC	0
24 HR Emergency Contact Name - Phone	DEREK NEUMAN - 239-986-6306 Ext				
Facility Type *	G STATE GOVERNMENT	DEP Contract Owned *	P		
Financial Resp		Coverage Period			
Insurance Comp		Effective			
Cleanup Status		Owner Name	IMMOKALEE FIRE CONTROL DISTRICT		
		Address	5368 USEPPA DR		
		Address2	ATTN: STORAGE TANK REGIS		
		City/St/Zip	AVA MARIA, FL 34142		
		Last Updated	07/15/2021	Phone	239-657-2111 Ext
		Contact	FIRE CHIEF MICHAEL CHOATE		
		Email Address	ACCOUNTING@IMMIFIRE.COM	MCHOATE@IMMIFIRE.COM	
		Primary Role	ACCT OWN		
		Owner ID#	82143		
		Begin Date	07/14/2023		
		Bad Address?	N		
		Registr Coord			

Name	Role *	Own. ID	Begin *	End
IMMOKALEE FIRE CONTROL DISTRICT	ACCOUNT OWNER	82143	07/14/2023	
IMMOKALEE FIRE CONTROL DISTRICT	PROPERTY OWNER	82143	07/14/2023	

Storage Tank/Contamination Tracking - Storage Tank Registration

Facility ID: 9819637  
 Name: IMMOKALEE FIRE CONTROL DIST -FIRE ST.

IMMOKALEE FIRE CONTROL DISTRICT (ID #82143)  
 FIRE CHIEF MICHAEL CHOATE  
 5368 USEPPA DR  
 ATTN: STORAGE TANK REGIS  
 AVA MARIA FL 34142

Construction \*  
 C I M O  
 Piping \*  
 A B J  
 Monitoring \*  
 4 6 F

Fee assessment begin date is \* 07/2023

Added	Tnk ID *	TN/D *	AU *	Gallons	Install	Content & Date	Status & Date	Last Updated on	Repl Tank
07/2023	1	TANK	AE	3000	06/2023	D 06/2023	U 06/2023	07/14/2023	
07/2023	2	TANK	AE	500	06/2023	B 06/2023	U 06/2023	07/14/2023	

NOTE: \*\* Install MM/YYYY takes priority; if blank, fee assessment begins today

TANK2



Cynthia Hudson  
 Division of Waste Registration  
[Cynthia.Hudson@Floridadep.gov](mailto:Cynthia.Hudson@Floridadep.gov)  
 Office: 850.245.8981

**From:** Joshua Bauer <jbauer@immfire.com>  
**Sent:** Wednesday, July 12, 2023 2:16 PM  
**To:** tankregistration <tankregistration@dep.state.fl.us>  
**Subject:** New Fuel Tanks Immokalee Fire Control District

**EXTERNAL MESSAGE**

This email originated outside of DEP. Please use caution when opening attachments, clicking links, or responding to this email.  
 Please see the attached form for our new fuel tanks at the Immokalee Fire Station 30 at 510 New Market Road in Immokalee FL 34142

Thank you,  
 Joshua D. Bauer, CDM  
 Battalion Chief of Administration  
 Office: 239-657-2111, Ext 341  
 Cell: 239-675-1601

*Information contained in this email is subject to public records release pursuant to Florida Statute 119. This message, together with any attachments, is intended only for the addressee. If you are not the intended recipient, you are hereby notified that any disclosure, copying, distribution, use or any action or reliance upon this communication is strictly prohibited. If you have received this e-mail in error, please notify the sender immediately by return e-mail, and delete the message and any attachments.*





Florida Department of Environmental Protection  
 Twin Towers Office Bldg. 2600 Blair Stone Road, Tallahassee, Florida, 32399-2400  
 Division of Waste Management  
 Petroleum Storage Systems  
 Storage Tank Facility Installation Site Inspection Report

**Facility Information:**

Facility ID:	9819637	County:	COLLIER	Inspection Date:	08/21/2023
Facility Type:	G - State Government				
Facility Name:	IMMOKALEE FIRE CONTROL DIST -FIRE STATION #30			# of inspected ASTs:	1
	510 NEW MARKET ROAD E			USTs:	0
	IMMOAKALEE, FL 34142			Mineral Acid Tanks:	0
Latitude:	26° 25' 15.8794"				
Longitude:	81° 24' 37.987"				
LL Method:	DPHO				

**Inspection Result:**

Result: In Compliance

**Signatures:**

TKCOPC - COLLIER COUNTY SOLID & HAZ WASTE MGMT DEPT (239) 207-0920

**Storage Tank Program Office and Phone Number**

Michael G Winkler

James Eidel

**Inspector Name**

**Representative Name**

No Signature

**Inspector Signature**

**Representative Signature**

**Principal Inspector**

**Immokalee Fire**

**COLLIER COUNTY SOLID & HAZ WASTE MGMT DEPT**

Owners of UST facilities are reminded that the Federal Energy Policy Act of 2005 and 40 CFR 280 Subpart J requires Operator Training at all facilities by October 13, 2018. For further information please visit:  
<https://floridadep.gov/waste/permitting-compliance-assistance/content/underground-storage-tank-operator-training>

**Financial Responsibility:**

Financial Responsibility: INSURANCE

Insurance Carrier: ACE AMERICAN INSURANCE COMPANY

Effective Date: 10/12/2022

Expiration Date: 10/12/2023

## Completed System Tests

Type	Date Completed	Results	Reviewed	Next Due Date	Comment
Annual Operability - Overfill Protection	06/21/2023	Passed	08/23/2023	06/21/2024	Overfill alarm tested annually
Annual Operability - Release Detection	06/21/2023	Passed	08/23/2023	06/21/2024	Interstice gauge tested annually.
Integrity Test - Dispenser Sump	06/21/2023	Passed	08/23/2023	06/21/2023	Dispenser pan tested at startup.
Integrity Test - Single-walled Spill Bucket	06/21/2023	Passed	08/23/2023	06/21/2023	Tested at startup
Tank Tightness Test	06/21/2023	Passed	08/23/2023	06/21/2023	Tank tightness at startup.

## Inspection Comments

08/23/2023

Two UL 2085 tanks are installed here. DW Modern Welding Fireguard. 3K gallon and (unregulated) 500 gallon DW.

Both tanks have a spill bucket or fill cabinet, and are tight filled with overfill prevention valves and audible overfill (OPW) alarms. Tanks have "jar" style Morrison Bros. sight glass interstice indicators. Both tanks have solenoid valves to steel AG piping to a single split dispenser with diesel and regular unleaded. The tanks have 704 stickers and are identified as to contents at the fill areas.

PSR performed both the tank and BOI/ interstice integrity testing, hydrostatic testing of dispenser pan and fill areas, interstice indicators, and audible alarms. Test data is attached.

Inches to gallon charts are in the facility Tanks book. The inches to gallons chart and the monthly release detection requirements were reviewed with James Eidel at the time of the inspection.

## Attachment Documents

- 2023-08-23 submittal, Fireguard 2085 AST
- 2023-08-23 testing

## Inspection Photos

Added Date 08/23/2023

2023-08-21 ASTs overview



Added Date 08/23/2023

2023-08-21 unregulated 500 gal AST. OPV



Added Date 08/23/2023

2023-08-21 gas SB with quick connect



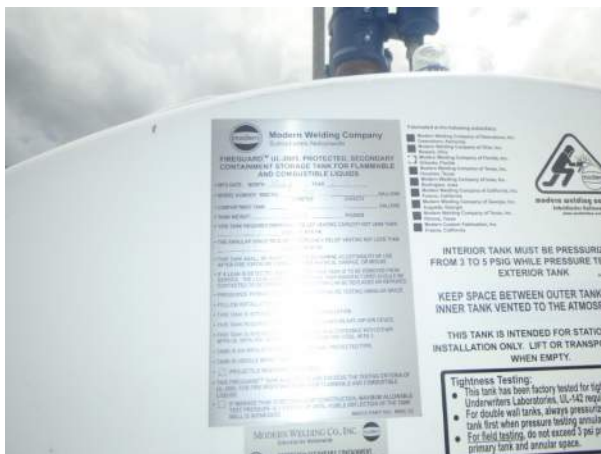
Added Date 08/23/2023

2023-08-21 DSL fill cabinet, overfill alarm



Added Date 08/23/2023

2023-08-21 tank placard



Added Date 08/23/2023

2023-08-21 DSL AST 3K gals



Added Date 08/23/2023

2023-08-21 interstice gauge



Added Date 08/23/2023

2023-08-21 topside components



Added Date 08/23/2023

2023-08-21 DSL fill cabinet



Added Date 08/23/2023

2023-08-21 E stop, fire extinguisher



Added Date 08/23/2023

2023-08-21 single dispenser behind bollards



Added Date 08/23/2023

2023-08-23 AST grounded



***Site 26 – Combs Oil Co Immokalee Bulk Facility  
(also known as Balgas, Combs Oil Co Immokalee Truck  
Stop, and N & R Gas Station)***



Florida Department of Environmental Protection  
 Twin Towers Office Bldg. 2600 Blair Stone Road, Tallahassee, Florida, 32399-2400  
 Division of Waste Management  
 Petroleum Storage Systems  
 Storage Tank Facility Routine Compliance Site Inspection Report

**Facility Information:**

Facility ID:	8839176	County:	COLLIER	Inspection Date:	10/11/2023
Facility Type:	D - Bulk Storage Facility			# of inspected ASTs:	0
Facility Name:	COMBS OIL CO IMMOKALEE BULK FACILITY			USTs:	4
	525 E MAIN ST			Mineral Acid Tanks:	0
	IMMOKALEE, FL 34142				
Latitude:	26° 25' 5.0"				
Longitude:	81° 24' 40.0"				
LL Method:	DPHO				

**Inspection Result:**

Result: Major Out of Compliance

**Signatures:**

TKCOPC - COLLIER COUNTY SOLID & HAZ WASTE MGMT DEPT (239) 207-0920

**Storage Tank Program Office and Phone Number**

Jay Standiford

Doug Ballard

**Inspector Name**

**Representative Name**

**Inspector Signature**

**Representative Signature**

**Principal Inspector**

**Delivery Driver**

**COLLIER COUNTY SOLID & HAZ WASTE MGMT DIV      Combs Oil**

Owners of UST facilities are reminded that the Federal Energy Policy Act of 2005 and 40 CFR 280 Subpart J requires Operator Training at all facilities by October 13, 2018. For further information please visit: <https://floridadep.gov/waste/permitting-compliance-assistance/content/underground-storage-tank-operator-training>

**Financial Responsibility: Overdue**

Financial Responsibility: INSURANCE

Insurance Carrier: MT. HAWLEY INSURANCE CO

Effective Date: 09/12/2021

Expiration Date: 09/12/2022

**Findings:**

No Training Certificates are Available.

### Completed System Tests

Type	Date Completed	Results	Reviewed	Next Due Date	Comment
Annual Operability - Line Leak Detector	06/02/2020	Passed	10/26/2021	06/02/2021	The Diesel LLD tested pass. Other LLDs are missing.
Annual Operability - Release Detection	06/02/2020	Passed	10/26/2021	06/02/2021	The Veeder Root must be tested annually.
Annual Operability - Release Detection	06/02/2020	Passed	10/26/2021	06/02/2021	Interstice vacuum gauges are to be tested annually.
Integrity Test - STP Sump	05/14/2019	Passed	10/26/2021	05/14/2022	STP sumps are tested every 3 years.

### Violations:

Type: Violation  
 Significance: SNC-A  
 Rule: 62-761.420(2)  
 Violation Text: No financial responsibility instrument or expired instrument for > 180 days.  
 Explanation: No financial responsibility maintained.  
 Corrective Action: Please obtain financial responsibility (storage tank pollution liability insurance or other mechanism) and associated FDEP CFR Forms and email all associated documents to the Inspector within 90 days of the inspection date.

Type: Violation  
 Significance: Minor  
 Rule: 62-761.800(1)(c), 62-761.800(1)(d)4  
 Violation Text: Out of service storage tank systems not tested annually for operability or interstice and liquid level not monitored annually.  
 Explanation: Facility owners and operators of out-of-service storage tank systems shall monitor the interstice and the liquid level in the storage tank annually but not to exceed 12 months, unless the tank system contains no regulated substances. Records of these inspections shall be maintained for three (3) years thereafter. In the event that liquid in excess of one inch, or 0.3 percent by weight, in the storage tank other than condensate in the interstice is discovered, facility owners and operators must follow the procedures for incidents pursuant to Rule 62-761.430, F.A.C.

The following was observed/noted:

- 1R1 12K DSL UST primary compartment has 2 inches liquid.
- 4R1 5K PUL UST primary compartment has 4 inches liquid.
- Annual visual inspections not performed.
- Annual release detection not performed and all four (4) UST vacuum gauges were not visually inspected (during TCI) to verify operation as they were down in the sumps (confined space).

Corrective Action: Within 90 days of the inspection date:

- Perform the first annual visual/release detection inspection of the OOS UST system (visual inspection of STP sumps, sensor, and stick each primary compartment sumps then record liquid level) and then verify UST's are under vacuum. This must then be performed annually thereafter for the entire time the facility is registered as OOS.
- Submit an INF for both UST's that have >1 inch liquid in them.
- Remove excess liquid in DSL & PUL UST's to less than 1 inch and provide associated record documenting liquid was removed and properly disposed of if determined to be PCW.
- Verify all UST's are under vacuum as they are required to be per FDEP EQ. If they are not

under vacuum, then an INF must be completed and an investigation performed. The same INF can be completed for both liquid in the UST's and the UST's not holding vacuum (only if vacuum is not maintained) for interstitial monitoring.

Please submit all associated documentation to the Inspector via email within 90 days of the inspection date.

**Attachments:**

Added Date 10/18/2023

Added Date 10/18/2023

2023-10-11 TCI 2 Inches Liquid in DSL Primary

2023-10-11 TCI 4 Inches Liquid in PUL Primary




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**Existing Violations:**

---

Type: Violation  
 Significance: SNC-B  
 Rule: 62-761.500(7)(b), 62-761.500(7)(b)1., 62-761.500(7)(b)2., 62-761.500(7)(b)3.  
 Violation Text: Overfill protection not provided as required. This violation may lead to Placard Revocation and Delivery Prohibition.  
 Explanation: There is a high level alarm that is tested annually. However, if the only alarm is at the Veeder Root panel inside the building it may not be heard by the delivery driver. The designated overfill device must be tested for proper operation annually. As an alternative, overfill valves may be tested annually; however, they may be difficult to test with the remote fill piping.  
 Corrective Action: Install a high level alarm that alerts the transfer operator when the tank is no more than 90 percent full. The alarm should be located so that is can be heard by the delivery person filling the tank(s). Or provide test records of another device (overfill valves, etc). Send documentation to the County.

**Violation Comments:**

10/21/2021

Any overfill alarm occurs in the building, not allowing a delivery driver to hear an overfill condition in two of the tanks, The other two tanks (super unleaded and diesel) don't have working probes at all and no overfill alarm is even possible.

This violation was first identified in August of 2019 and the facility is referred to FDEP for Enforcement.

10/18/2023

The super unleaded and DSL UST's still don't have working probes at all and no overfill alarm is even possible. No corrective actions have been performed since 10/21/2021.

---

Type: Violation  
 Significance: SNC-B



Rule: 62-761.700(1), 62-761.700(1)(a), 62-761.700(1)(a)1, 62-761.700(1)(a)2  
Violation Text: Not repaired or isolated component or piping which has not caused a discharge or release.  
Explanation: Repair or replace diesel and premium probes. They are not functioning.  
Corrective Action: Repair or replace diesel and premium probes at this time.

**Violation Comments:**

10/18/2023

No record provided or work not performed to replace/repair DSL and PUL probes.

---

Type: Violation  
Significance: Minor  
Rule: 62-761.405(3)  
Violation Text: Incident Notification Form (INF) not received in a timely manner.  
Explanation: The diesel interstice vacuum appears to read zero psi.  
Corrective Action: Submit an Incident Notification Form to Michael.Winkler@CollierCountyFL.gov and investigate, repairing or replacing the gauge as necessary.

**Violation Comments:**

10/18/2023

The facility has not submitted the associated INF.

---

Type: Violation  
Significance: Minor  
Rule: 62-762.601(7), 62-762.602(7)  
Violation Text: Annual operability testing of release detection systems not completed.  
Explanation: Existing release detection systems require an annual test. The interstice vacuum gauges, Veeder Root, and line leak detector(s) must be tested annually.  
Corrective Action: All release detection devices shall be tested annually at intervals not exceeding 12 months to ensure proper operation. The test must either simulate an actual alarm condition or shall be conducted according to manufacturer's specifications, and shall include, at a minimum, a determination of whether the device operates as designed.

**Violation Comments:**

10/18/2023

Annual operability testing records were not provided/available as the system was registered as OOS.

---

**Site Visit Comments**

10/11/2023

A TCI was performed on 10/11/2023.

Inspection report emailed to Dennis Combs.

**Inspection Comments**

10/18/2023

SW steel spill containment visually inspected.  
All STP and sensor/monitoring sumps visually inspected.  
All steel piping and STP's visually inspected.  
All piping entry boots inspected.  
DWUP secondary not open in STP sumps (shdrader valves not open or test boots not pulled back).  
All primary compartments stuck.

1R1 12 K DSL DW UST:

STP sump dry and Monitoring sump dry.  
2 inches liquid in primary compartment  
UST Vacuum gauge reading not verified

2R1 12K E10 DW UST:

STP sump dry and Monitoring sump dry.  
No liquid in primary compartment.  
UST Vacuum gauge reading not verified

3R1 10K DSL DW UST:

<1 inch liquid in STP sump and Monitoring sump dry.  
Primary compartment dry, no liquid present.  
UST Vacuum gauge reading not verified

4R1 5K PUL DW UST:

< 1 inch liquid in STP sump, Monitoring sump dry.  
4 inches liquid in primary compartment.  
UST Vacuum gauge reading not verified.

Release detection:

UST's are lined with Petrofuse Tank Lining System (EQ-668). Interstitial release detection is by continuous vacuum.  
If vacuum is not held, then this is considered an Incident.

SPILL CONTAINMENT:

SW Steel with four (4) fill ports

PIPING:

DWUF

Exposed fiberglass piping. Please ensure this is continually painted with Gel Coat to prevent fiberglass UV degradation. Please also note that exposed fiberglass piping is flammable.

Bulk Fuel Dock was not inspected.

VRTLS is present but not recording data.

Acronyms:

ALLD- Annual Line Leak Detection  
AO- Annual Operability  
AOC- Area of Concern  
AST- Aboveground Storage Tank  
ATG- Automatic Tank Gauge  
API- American Petroleum Institute  
ASWP- Aboveground Single Walled Piping  
AV- Ambient Vent  
BOI- Breach of Integrity  
CAO- Compliance Assistance Offer  
COI- Certificate of Insurance  
CFR- Certificate of Financial Responsibility  
CP- Cathodic Protection  
DSLH-Diesel Hose (Dispenses only diesel)  
DF- Dike Field  
DSL- Diesel  
DSLH- Diesel Hose  
DW- Double Walled  
DWF- Double Walled Fiberglass  
DWSB- Double Walled Spill Bucket  
DWUF- Double Walled Underground Fiberglass  
DWUP- Double Walled Underground Piping  
DPVR- Dual Point Vapor Recovery  
DS- Dispenser Sump  
ELLD- Electronic Line Leak Detection

EF- Ethanol Free  
ERD- Electronic Release Detection  
EV- Emergency Vent  
F.A.C.- Florida Administrative Code  
FDEP- Florida Department of Environmental Protection  
FIRST- Florida Inspection Reporting for Storage Tanks  
FKA- Formerly Known As  
FG- Fiberglass  
FP- Fill Port  
FR- Financial Responsibility  
FRP- Fiberglass Reinforced Plastic  
GPH- Gallons Per Hour  
IIR- Incident Investigation Report  
IS- In Service  
K- Thousand (Gallons)  
LEL- Lower Explosive Level  
LLD- Line Leak Detection  
MGAP- Marine Grade Aboveground Piping  
MLLD- Mechanical Line Leak Detection  
MUL- Mid Grade Unleaded  
MVI- Monthly Visual Inspections  
MWP- Man Way Port  
NFPA- National Fire Prevention Act  
NO- New Oil  
OOS- Out Of Service  
OPD- Overfill Prevention Device  
OPV- Overfill Prevention Valve  
PAV- Primary Ambient Vent  
PCW- Petroleum Contact Water  
PEV- Primary Emergency Vent  
PRVC- Pressure Vacuum Cap  
PUL- Premium Unleaded  
PVC- Poly Vinyl Chloride  
RD- Release Detection  
RDRL- Release Detection Response Level  
REC 90- Recreation 90 Octane  
REC 90H- Recreation 90 Hose  
RUL- Regular Unleaded  
RULH- Regular Unleaded Hose  
SB- Spill Bucket  
SEV- Secondary Emergency Venting  
SHWMD- Solid and Hazardous Waste Management Division  
STFR- Storage Tank Financial Responsibility  
STRF- Storage Tank Registration Form  
STP- Submersible Turbine Sump  
SV- Shear Valve  
SW- Single Walled  
SWSB- Single Walled Spill Bucket  
TCAR- Tank Closure Assessment Report  
TCI- Storage Tank Compliance Inspection  
TIN- Storage Tank Installation Inspection  
TXI- Storage Tank Closure Inspection  
TK- Tank  
TS- Transition Sump  
UDC- Under Dispenser Containment  
UL- Unleaded  
ULH- Unleaded Hose (Dispenses RUL and PUL)

UO- Used Oil  
UST- Underground Storage Tank  
VR- Vapor Recovery  
VRTLS- Veeder Root

Inspector:

Jay  
James A. Standiford IV (Jay)  
Environmental Specialist I  
Hazardous Materials Environmental Compliance  
Collier County SHWMD  
239-207-0981- Cell  
James.Standiford@colliercountyfl.gov

10/19/2023

R21 was registered OOS on 8/1/2020.  
1R1 12K DSL was registered OOS on 11/1/2022.  
3R1 12K DSL was registered OOS on 11/1/2022.  
4R1 5K DSL was registered OOS on 11/1/2022.

Violations cited in the 10-19-2021 inspection report have not been resolved.

This facility was referred to FDEP South District for enforcement on 11/3/2021.

This facility is being referred to FDEP South District for enforcement on 10/25/2023.

## Inspection Photos

Added Date 10/18/2023

2023-10-11 TCI Facility Pic



Added Date 10/18/2023

2023-10-11 TCI Facility Pic 2



Added Date 10/18/2023

2023-10-11 TCI PAV's Open



Added Date 10/19/2023

2023-10-11 TCI Exposed Fiberglass Piping



Added Date 10/19/2023

2023-10-11 TCI SW Steel Spill Containment



Added Date 10/19/2023

2023-01-11 TCI VRTLS Panel



**From:** [tankregistration](#)  
**To:** [Kellie Wendel](#); [tankregistration](#)  
**Cc:** [COMBSOIL@FARHLINK.NET](#)  
**Subject:** FW: DEP Facility ID: 8839176  
**Date:** Monday, December 12, 2022 2:02:23 PM  
**Attachments:** [FEDP-Immokalee\\_BP.pdf](#)  
[image001.png](#)

Good afternoon,  
 Per your request, tank information has been updated as Out of Service.  
 Thank you.

Facility ID <input type="text" value="8839176"/> Name <input type="text" value="COMBS OIL CO IMMOKALEE BULK FACILT"/>	Construction * <input type="button" value="A"/> <input type="button" value="B"/> <input type="button" value="F"/> <input type="button" value="M"/> <input type="button" value="O"/> <input type="button" value="S"/>	Piping * <input type="button" value="C"/> <input type="button" value="F"/> <input type="button" value="J"/> <input type="button" value="K"/> <input type="button" value="L"/>	Monitoring * <input type="button" value="3"/> <input type="button" value="4"/> <input type="button" value="E"/> <input type="button" value="H"/> <input type="button" value="K"/> <input type="button" value="L"/>						
COMBS OIL CO (ID #4487) DENNIS COMBS 76 INDUSTRIAL BLVD NAPLES FL 34104									
Fee assessment begin date is * <input type="text" value="12/2022"/>									
Added	Tnk ID *	T/V/D *	A/U *	Gallons	Install	Content & Date	Status & Date	Last Updated on	Repl Tank
	10	TANK	UN	4000		D	03/1988	05/06/1994	
	1R1	TANK	UN	12000	02/1988	D	02/1988	11/2022	12/12/2022
	2R1	TANK	UN	12000	02/1988	8	08/2020	08/2020	12/17/2020
	3R1	TANK	UN	10000	02/1988	D	02/1988	11/2022	12/12/2022
	4R1	TANK	UN	5000	02/1988	B	02/1988	11/2022	12/12/2022
NOTE: ** Install MM/YYYY takes priority; if blank, fee assessment begins today									



**Laurence Min**  
 Division of Waste Registration  
 Florida Department of Environmental Protection  
[Laurence.Min@Dep.State.Fl.us](mailto:Laurence.Min@Dep.State.Fl.us)  
 Office: 850.245.8840

Save a tree, please don't print this e-mail unless necessary

**From:** Kellie Wendel <[kwendel.combs@gmail.com](mailto:kwendel.combs@gmail.com)>  
**Sent:** Friday, December 9, 2022 10:15 AM  
**To:** [tankregistration](mailto:tankregistration@dep.state.fl.us) <[tankregistration@dep.state.fl.us](mailto:tankregistration@dep.state.fl.us)>  
**Subject:** DEP Facility ID: 8839176

**EXTERNAL MESSAGE**

This email originated outside of DEP. Please use caution when opening attachments, clicking links, or responding to this email.  
 Please see attached Storage Tank Facility Registration for ID# 8839176 525 E Main Street, Immoklaee, FL 34142. Combs Oil is filing new registration to show the change in the status of the tanks as out of service. If you have any questions please contact Dennis Combs at (239)774-2666.  
 Thanks, Kellie Wendel, Sec. at Combs Oil Company

## Theis, Nichole

---

**From:** US - ENE - Team 6 Mail  
**To:** Tarver, Josh  
**Subject:** RE: Combs Oil Company Immokalee Bulk Facility; 525 E. Main St., Immokalee (Collier County), FL; FAC 118839176, P.O. B8C14B; MDM Project E20815

---

**From:** Jeff Morgan <[jeff.morgan@mdmservices.com](mailto:jeff.morgan@mdmservices.com)>  
**Sent:** Thursday, July 29, 2021 4:35 PM  
**To:** Tarver, Josh <[Josh.Tarver@wsp.com](mailto:Josh.Tarver@wsp.com)>  
**Subject:** Combs Oil Company Immokalee Bulk Facility; 525 E. Main St., Immokalee (Collier County), FL; FAC 118839176, P.O. B8C14B; MDM Project E20815

Hello Josh,  
Attached please find the current Health & Safety Plan (HASP) and Remedial Action Interim Report as prepared in accordance with Task 3 of the current P.O. The Task 3 Rate Sheet is also attached. Please let me know if you need anything additional during review.  
Thank You

### Jeff Morgan, P.G.

Project Manager  
MDM SERVICES Inc.



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☎ 800-899-1794 ext.3 📠 863-559-4317 📠 863-648-1106  
✉ [jeff.morgan@mdmservices.com](mailto:jeff.morgan@mdmservices.com) 🌐 [www.mdmservices.com](http://www.mdmservices.com)  
📍 1055 Kathleen Rd., Lakeland FL 33805

**Engineering • Environmental • Construction - A Design Build Company**



1055 Kathleen Road, Lakeland, FL 33805. Tel (863)646-9130 Fax (863)648-1106 [www.mdmservices.com](http://www.mdmservices.com)

July 29, 2021

Mr. Josh Tarver, Site Manager  
Florida Department of Environmental Protection  
Petroleum Restoration Program  
2600 Blair Stone Rd  
Tallahassee, Florida 32399-2400

Re: **Remedial Action Interim Report**  
Combs Oil Bulk Plant  
525 East Main Street  
Immokalee (Collier County), Florida  
FDEP Facility #118839176  
FDEP P.O. B8C14B; Task 3

Dear Mr. Tarver,

This correspondence and accompanying Appendices serve as the Remedial Action (RA) Interim Report for the above referenced site, performed in accordance with Task 3 of FDEP Purchase Order B8C14B. The appendices are compiled as follows:

**Appendix A**

Sheet 1	Site Plan
Sheet 2	VOCs in Groundwater
Sheet 3	TRPHs & Non-Carcinogenic PAHs in Groundwater
Sheet 4	Carcinogenic PAHs in Groundwater
Sheet 5	Water Table Elevation (July 8, 2021)

**Appendix B**

Table 1	Groundwater Monitoring Well Analytical Summary – VOCs & Metals
Table 2	Groundwater Monitoring Well Analytical Summary – PAHs & TRPHs
Table 3	Groundwater Elevation Summary

**Appendix C**

Laboratory Analytical Report, Groundwater Sampling Logs, Field Instrument Calibration Records, Field Notes (July 8, 2021 sampling event)



The results of groundwater sampling as completed on July 8, 2021 pursuant to Task 3 of the current FDEP purchase order are discussed in the following Sections.

### **Site History**

This site is an active bulk fuel storage facility storing unleaded gasoline and vehicular diesel fuel in underground storage tanks (USTs) as follows:

Diesel Fuel – stored in 2 USTs of 12,000 gallon and 10,000 gallon capacity  
Unleaded Gasoline – stored in 2 USTs of 12,000 gallon and 5,000 gallon capacity

These active USTs are adjacent to each other in a common UST field in the south/central portion of the site, immediately west of above-ground bulk propane storage tanks (see Sheet 1, Appendix A).

Throughout its history, 10 USTs of 4,000 gallon capacity each were formerly utilized to store vehicular diesel fuel at the site. These former USTs were located west of the current UST field, and have been removed.

This site has undergone active remediation as follows:

- In June 2001, a source removal excavation of the former UST field (immediately west of the active USTs) was conducted. A well-point dewatering system was utilized to enable excavation of saturated zone soils. Prior to dewatering, the water table was exposed, by excavation, and a vacuum truck was utilized to “skim” free product from the water table.
- A multi-phase extraction remedial system was utilized at the site from December 2001 through January 2005. This system primarily recovered free product and associated petroleum contaminated groundwater.
- An air sparging/soil vapor extraction (SVE) remedial system was utilized at the site from June 2005 through October 2008. This system was effective at temporarily achieving soil and groundwater cleanup target levels (CTLs); however, various petroleum constituents in the groundwater were detected above CTLs from groundwater samples obtained from monitoring wells in the general vicinity of the active USTs during subsequent post active remediation monitoring (PARM).

Various phases of PARM have been completed since the cessation of active remediation in October 2008, with groundwater sampling for the latest PARM event conducted in June 2020. From this event, TRPH was detected in groundwater samples obtained from monitoring well MW-7R at a concentration of 6,800 ug/L, exceeding the groundwater CTL of 5,000 ug/L. This was the only exceedance of groundwater CTLs from the June 2020 PARM event.

As CTLs were not maintained throughout PARM, additional remedial action was being considered in the general vicinity of the active UST field. The current

FDEP purchase order B8C14B was issued, which included the preparation of a Level 1 Limited Scope Remedial Action Plan (LSRAP) as Task 2. In April 2021, a pre-RAP teleconference was conducted, where various remedial methods were discussed. The use of a micro-carbon based product, such as “PetroFix”, was deemed as potentially viable. However, additional groundwater sampling was reasoned to be warranted in order to evaluate current groundwater conditions in the active UST area prior determining the most optimum method for additional remediation. A change order to the purchase order was issued for the groundwater sampling of MWs 5, 6, 7R, 8, 12R, and 28R to determine concentrations of BTEX/MTBE, PAHs, and TRPHs. Further, the change order allowed for determining TRPH fractions for any of the groundwater samples in which TRPH was detected at concentrations exceeding the groundwater CTL of 5,000 ug/L.

### **Groundwater Sampling**

On July 8, 2021, groundwater samples were obtained from MWs 5, 6, 7R, 8, 12R, and 28R to determine concentrations of BTEX/MTBE, PAHs, and TRPHs. The laboratory was instructed to determine concentrations of TRPH fractions for any groundwater sample in which the TRPH CTL was exceeded. The laboratory analytical report, groundwater sampling logs, field instrument calibration records, and field notes for this sampling event are compiled in Appendix C. The laboratory analytical results are summarized in Tables 1 and 2 (Appendix B) and are depicted at the respective monitoring well locations on Sheets 2 through 4 (Appendix A). As indicated from this most recent groundwater sampling event, no constituents were detected in any of the groundwater samples at concentrations exceeding respective groundwater CTLs. As such, TRPH fractional analyses were not performed.

### **Water Table Elevation**

Water table measurements and associated elevations as obtained during the July 8, 2021 sampling of the various monitoring wells discussed above are compiled in Table 3 (Appendix B), which includes historical data. On the date of sampling, the water table was at approximately 6.5 ft. below ground level. Sheet 5 (Appendix A) is a map of the surficial aquifer water table elevation based on the water level/elevation measurements of July 8, 2021. The water table surface is relatively flat, but a general northeasterly direction of groundwater flow is inferred. This is consistent with previous groundwater elevation data.

### **Conclusion**

Based on this most recent (7/8/2021) groundwater sampling event of MWs 5, 6, 7R, 8, 12R, and 28R, no constituents were detected in the groundwater samples at concentrations exceeding respective groundwater CTLs. Pending further discussion, it is thus recommended to re-implement PARM and forego additional active remediation at this time. If it is agreed to conduct additional PARM, consideration can be given to only include the sampling of MW-7R on either a quarterly or semi-

annual basis. From the most recent prior PARM sampling events, it was only TRPH found to exceed groundwater CTLs, this being in the MW-7R and MW-28R groundwater samples only. Although not completed in conjunction with PARM, TRPH was not detected above the CTL of 5,000 ug/L in groundwater samples most recently obtained (i.e. July 8, 2021). On this basis, 2 consecutive sampling events, conducted a minimum of 3 months apart, have been conducted for MW-28R for which the TRPH CTL was not exceeded. It can thus be argued additional sampling of MW-28R is not required. Regarding MW-7R, if TRPH is not detected above the CTL of 5,000 ug/L in a future sampling event conducted at least 3 months subsequent to July 8, 2021, it is reasoned unconditional no further action status could be considered for the site. Additional discussion regarding this matter is warranted.

Should you require additional information during review of this Report, please contact me at 863-646-9130 or via email to [jeff.morgan@mdmservices.com](mailto:jeff.morgan@mdmservices.com).

Sincerely,  
MDM Services, Inc.

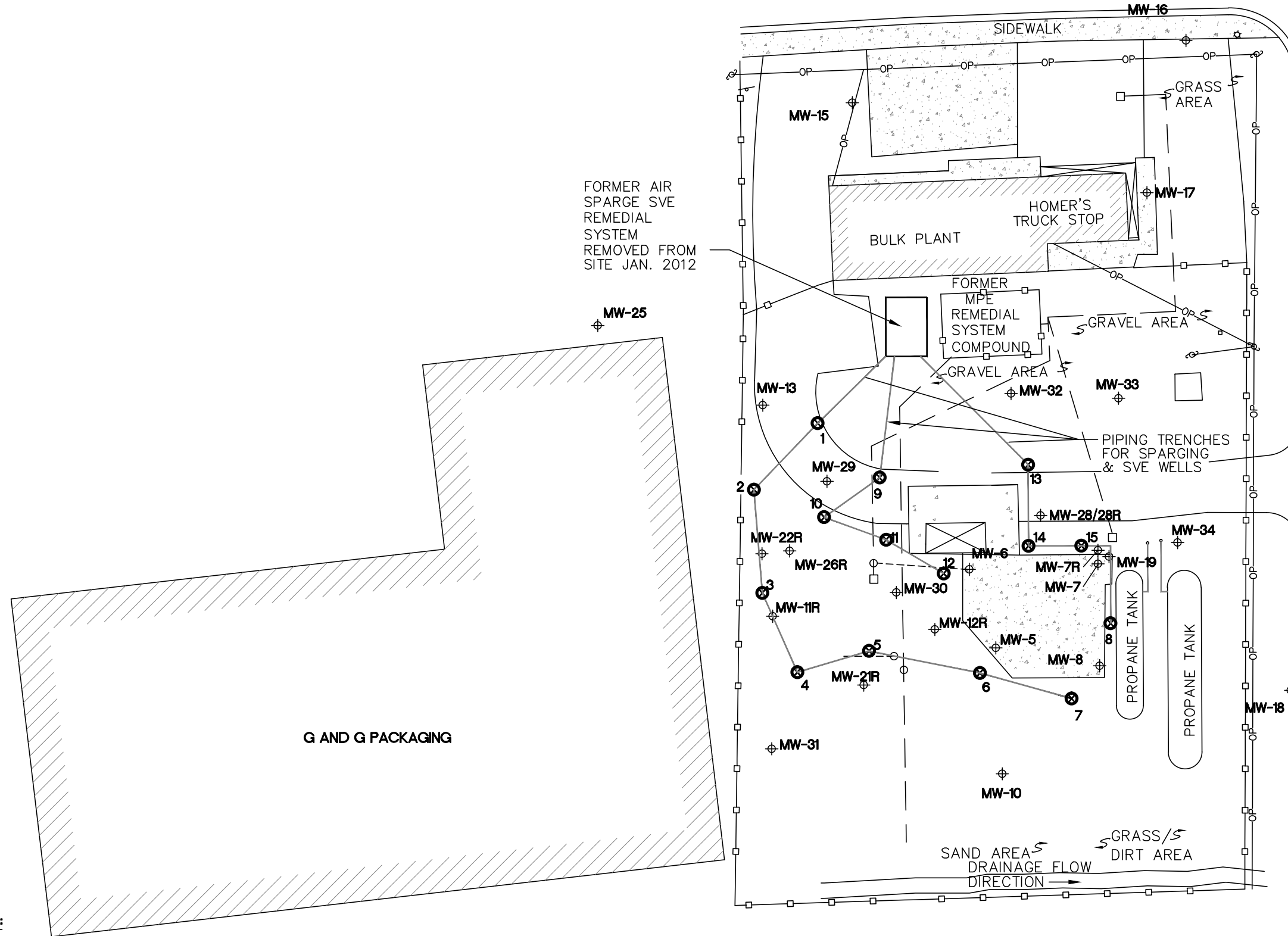
A handwritten signature in blue ink, appearing to read "Jeff Morgan", with a long horizontal flourish extending to the right.

Jeff Morgan, P.G.  
Project Manager

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## **APPENDIX A**

# EAST MAIN STREET

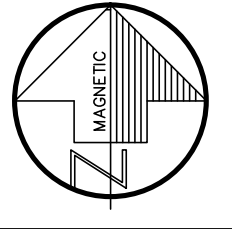
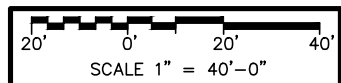


11TH STREET EAST

### LEGEND:

MW ⊕ MONITORING WELL

- ⊕ - ARRAY LOCATION OF AIR SPARGING + SVE WELL (15 TOTAL)
- - MPE RECOVERY WELL (NOT IN USE AS OF JANURARY 2005)



PLANS PREPARED FOR

**COMBS OIL BULK PLANT**

525 AND 527 E. MAIN ST.  
IMMOKALEE, FLORIDA

**SITE PLAN WITH MONITORING  
WELL LOCATIONS**

SCALE: AS NOTED

REV. DATE: 4/23/18

PROPOSED GRADES BY:

S.S.#

DRAWN BY: DDB

CHECKED BY:

APPROVED BY:

PLANS PREPARED BY:

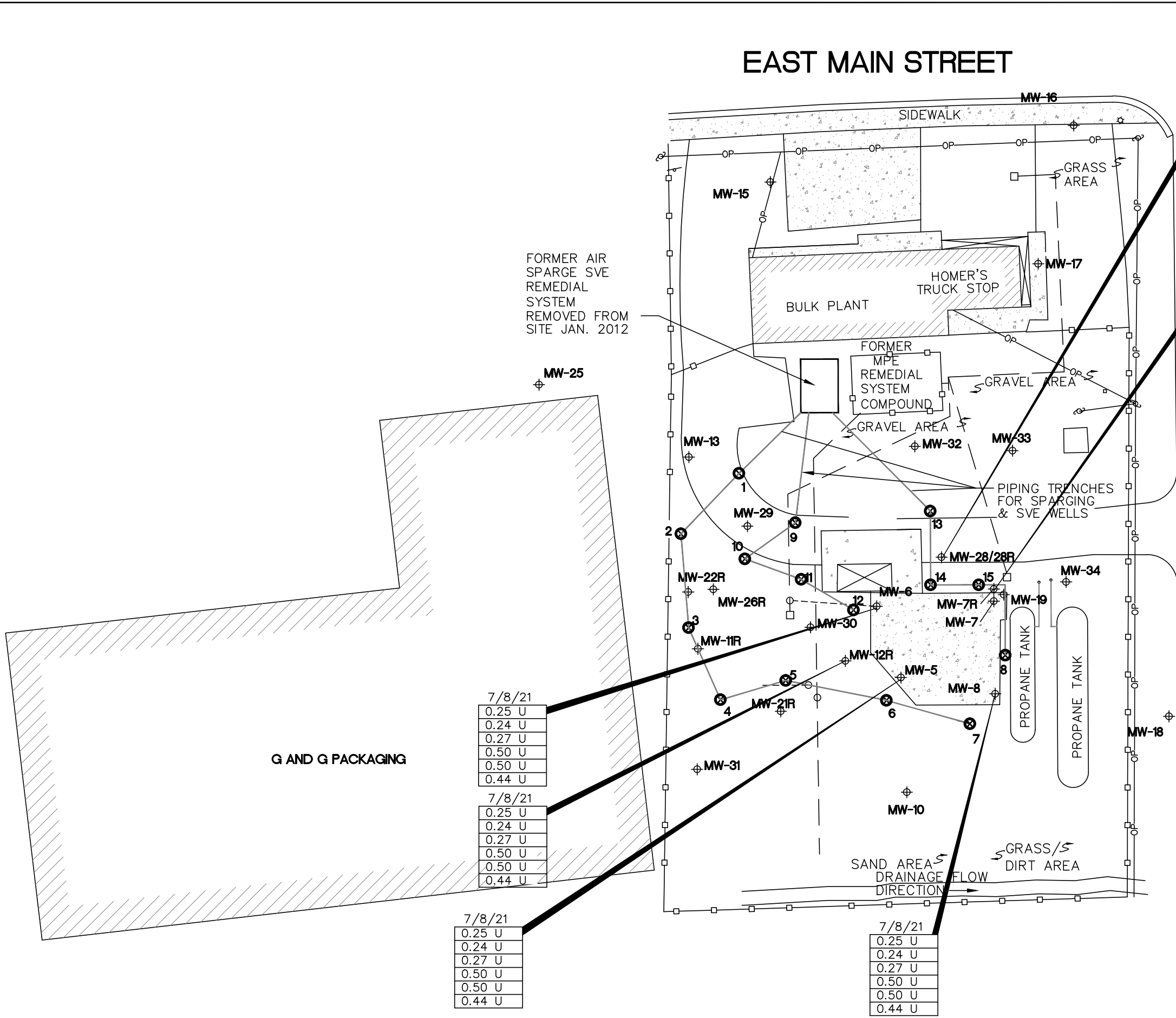
**MDM**

engineering • environmental • construction  
1055 KATHLEEN RD., LAKELAND, FL. 33805  
E.B. #4857 Ph. (863) 646-9130

MDM JOB NO.  
20815

SHEET NO.  
1

# EAST MAIN STREET



7/8/21
0.25 U
0.24 U
0.27 U
0.50 U
0.50 U
0.44 U

7/8/21
0.25 U
0.24 U
0.27 U
0.50 U
0.50 U
0.44 U

7/8/21
0.25 U
0.24 U
0.27 U
0.50 U
0.50 U
0.44 U

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0.25 U
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0.50 U
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7/8/21
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0.27 U
0.50 U
0.50 U
0.44 U

7/8/21
0.25 U
0.24 U
0.27 U
0.50 U
0.50 U
0.44 U

11TH STREET EAST

- LEGEND:**
- MW ⊕ MONITORING WELL
  - ⊕ - ARRAY LOCATION OF AIR SPARGING + SVE WELL (15 TOTAL)
  - - MPE RECOVERY WELL (NOT IN USE AS OF JANUARY 2005)

BENZENE
TOLUENE
ETHYLBENZENE
XYLENES
TOTAL VOA'S
MTBE

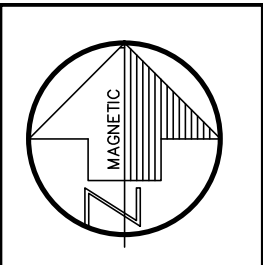
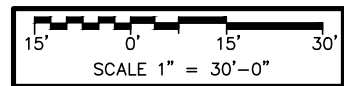
CONCENTRATIONS IN μg/L

U = ANALYTE NOT DETECTED TO THE LEVEL SHOWN

I = CONCENTRATION IS BETWEEN THE METHOD DETECTION LIMIT AND THE PRACTICAL QUANTITATIVE LIMIT

NS = NOT SAMPLED FOR THIS CONSTITUENT

CONCENTRATIONS IN **BOLD** INDICATE EXCEEDANCE OF CTL



PLANS PREPARED FOR

**COMBS OIL BULK PLANT**  
525 AND 527 E. MAIN ST.  
IMMOKALEE, FLORIDA

**VOCs IN GROUNDWATER**

SCALE:	AS NOTED
REV. DATE:	3/26/15
DRAWN BY:	DDB
CHECKED BY:	S.S.#
APPROVED BY:	

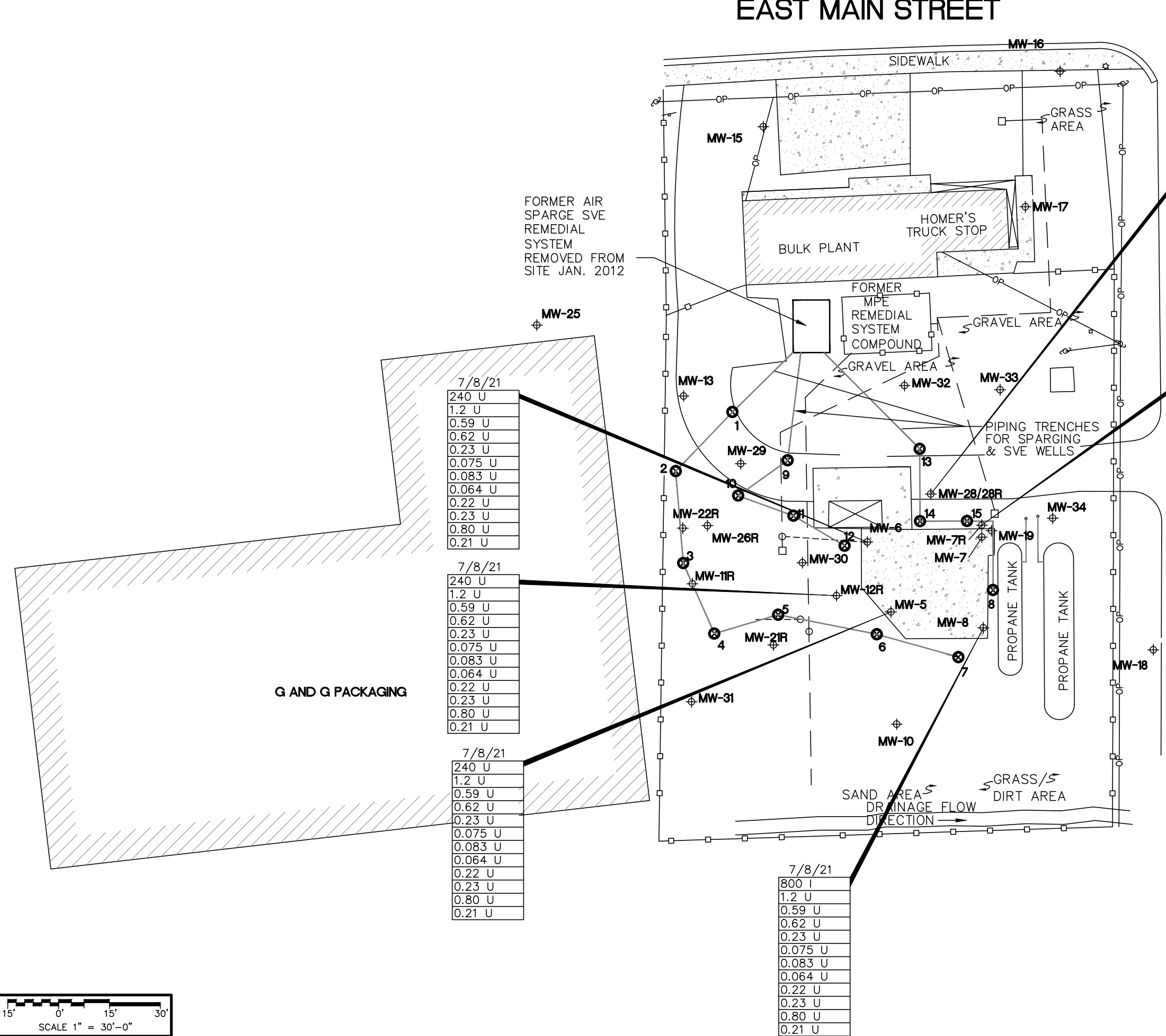
PLANS PREPARED BY:

**MDM**  
engineering • environmental • construction  
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E.B. #4857 Ph. (863) 646-9130

MDM JOB NO.  
20815

SHEET NO.  
2

# EAST MAIN STREET



7/8/21

4800
1.2 U
0.59 U
0.62 U
0.23 U
0.075 U
0.083 U
0.064 U
0.22 U
0.23 U
0.80 U
0.21 U

7/8/21

3000
1.2 U
0.59 U
0.62 U
0.23 U
0.075 U
0.010 I
0.064 U
0.22 U
0.23 U
0.80 U
0.21 U

7/8/21

240 U
1.2 U
0.59 U
0.62 U
0.23 U
0.075 U
0.083 U
0.064 U
0.22 U
0.23 U
0.80 U
0.21 U

7/8/21

240 U
1.2 U
0.59 U
0.62 U
0.23 U
0.075 U
0.083 U
0.064 U
0.22 U
0.23 U
0.80 U
0.21 U

7/8/21

240 U
1.2 U
0.59 U
0.62 U
0.23 U
0.075 U
0.083 U
0.064 U
0.22 U
0.23 U
0.80 U
0.21 U

7/8/21

800 I
1.2 U
0.59 U
0.62 U
0.23 U
0.075 U
0.083 U
0.064 U
0.22 U
0.23 U
0.80 U
0.21 U

11TH STREET EAST

**LEGEND:**

- MW ⊕ MONITORING WELL
- ⊕ - ARRAY LOCATION OF AIR SPARGING + SVE WELL (15 TOTAL)
- - MPE RECOVERY WELL (NOT IN USE AS OF JANUARY 2005)

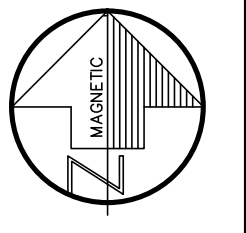
TRPH
NAPHTHALENE
1-METHYLNAPHTHALENE
2-METHYLNAPHTHALENE
ACENAPHTHENE
ACENAPHTHYLENE
ANTHRACENE
BENZO(G,H,I)PERYLENE
FLUORANTHENE
FLUORENE
PHENANTHRENE
PYRENE

CONCENTRATIONS IN μg/L

U = ANALYTE NOT DETECTED TO THE LEVEL SHOWN

I = CONCENTRATION IS BETWEEN THE METHOD DETECTION LIMIT AND PRACTICAL QUANTITATIVE LIMIT.

CONCENTRATIONS IN **BOLD** INDICATE EXCEEDANCE OF CTL



PLANS PREPARED FOR  
**COMBS OIL BULK PLANT**  
 525 AND 527 E. MAIN ST.  
 IMMOKALEE, FLORIDA

**TRPH AND NON-CARCINOGENIC PAHs IN GROUNDWATER**

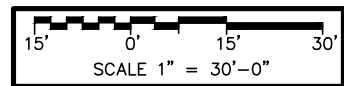
SCALE: AS NOTED	REV. DATE: 3/26/15
DRAWN BY: DDB	PROPOSED GRADES BY:
CHECKED BY:	S.S.#
APPROVED BY:	

PLANS PREPARED BY:

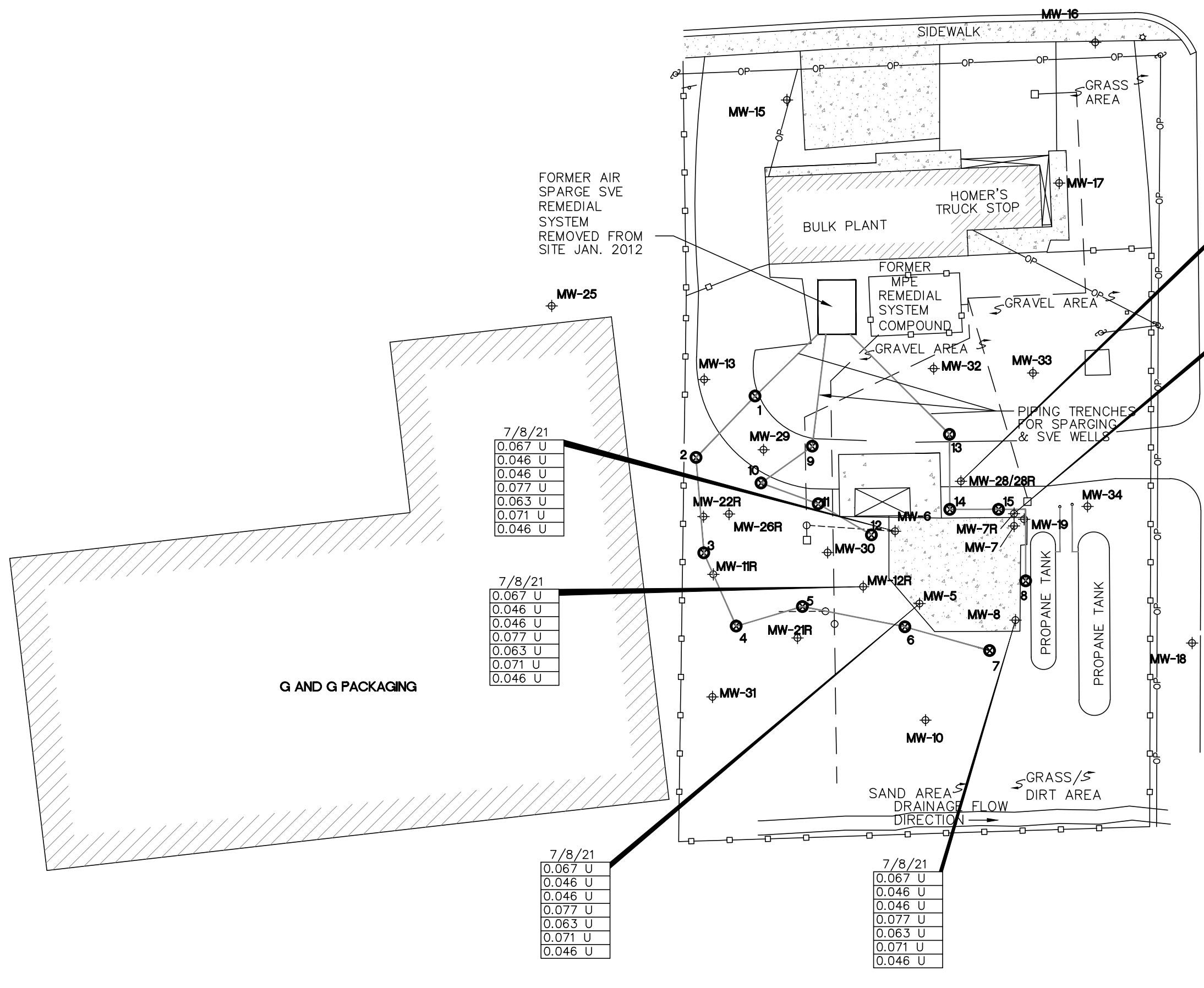
1055 KATHLEEN RD., LAKELAND, FL. 33805  
 Ph. (863) 646-9130  
 E.B. #4857

MDM JOB NO.  
20815

SHEET NO.  
3



# EAST MAIN STREET



7/8/21
0.067 U
0.046 U
0.046 U
0.077 U
0.063 U
0.071 U
0.046 U

7/8/21
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7/8/21
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0.077 U
0.063 U
0.071 U
0.046 U

11TH STREET EAST

### LEGEND:

- MW ⊕ MONITORING WELL
- ⊕ - ARRAY LOCATION OF AIR SPARGING + SVE WELL (15 TOTAL)
- - MPE RECOVERY WELL (NOT IN USE AS OF JANUARY 2005)

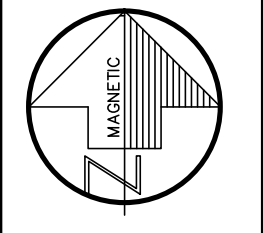
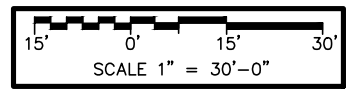
BENZO(A)PYRENE
BENZO(A)ANTHRACENE
BENZO(B)FLUORANTHENE
BENZO(K)FLUORANTHENE
CHRYSENE
DIBENZ(A,H)ANTHRACENE
IDENO(1,2,3-CD)PYRENE

U = ANALYTE NOT DETECTED TO THE LEVEL SHOWN

I = CONCENTRATION IS BETWEEN THE METHOD DETECTION LIMIT AND PRACTICAL QUANTITATIVE LIMIT.

NS = NOT SAMPLED FOR THIS PARAMETER

CONCENTRATIONS IN µg/L



PLANS PREPARED FOR  
**COMBS OIL BULK PLANT**  
525 AND 527 E. MAIN ST.  
IMMOKALEE, FLORIDA

**CARCINOGENIC PAHS  
IN GROUNDWATER**

SCALE:	AS NOTED
REV. DATE:	3/26/15
DRAWN BY:	DDB
CHECKED BY:	S.S.#
APPROVED BY:	

PLANS PREPARED BY:

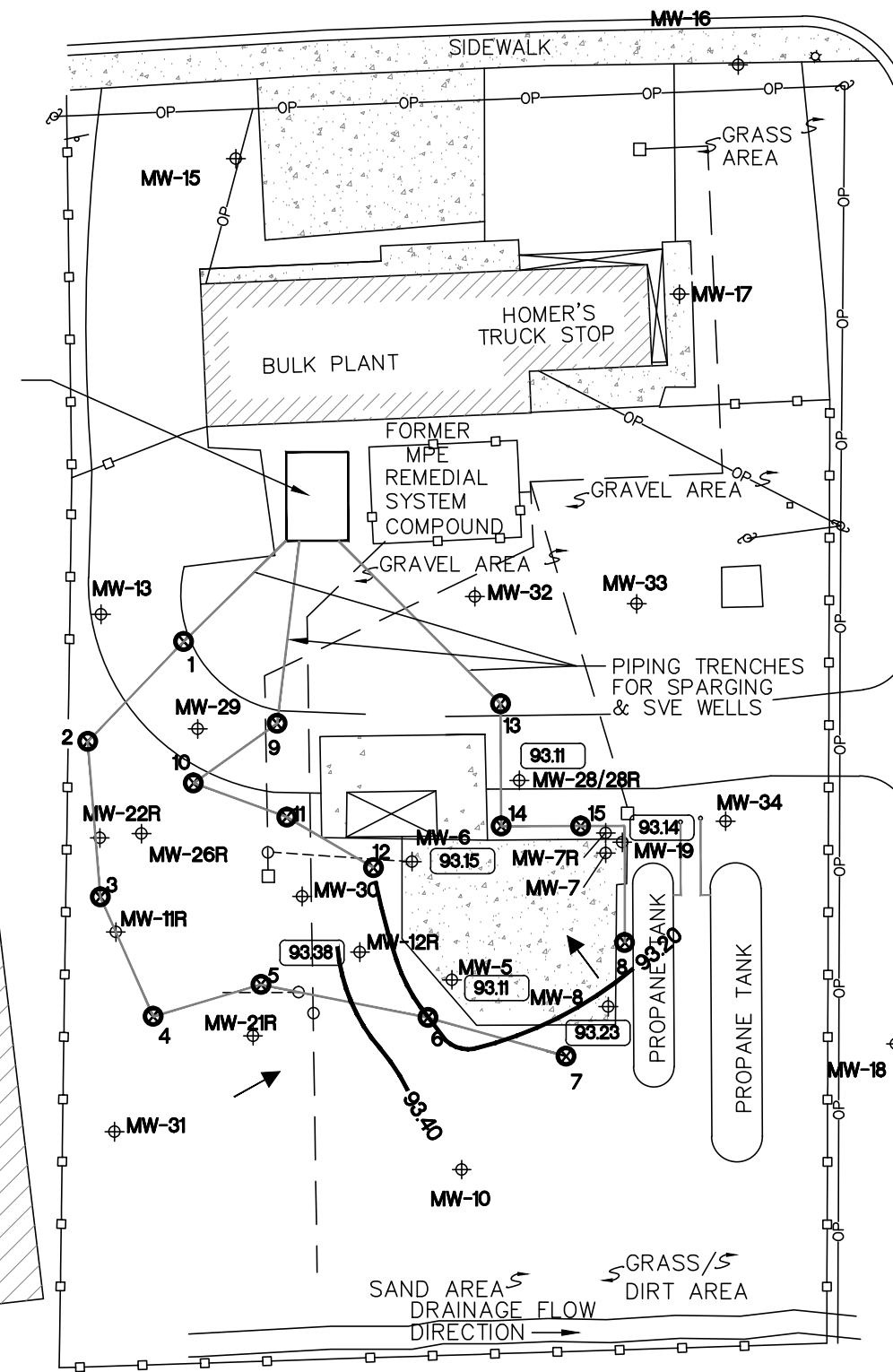
**MDM**  
engineering • environmental • construction  
1055 KATHLEEN RD., LAKELAND, FL 33805  
E.B. #4857 Ph. (863) 646-9130

MDM JOB NO.  
20815

SHEET NO.  
4

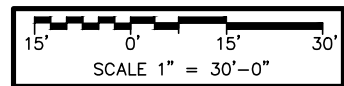


# EAST MAIN STREET

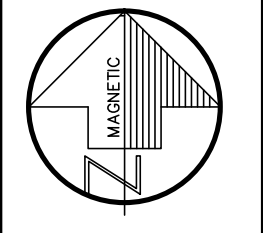


G AND G PACKAGING

11TH STREET EAST



- LEGEND:**
- MW ⊕ MONITORING WELL
  - ⊕ - ARRAY LOCATION OF AIR SPARGING + SVE WELL (15 TOTAL)
  - - MPE RECOVERY WELL (NOT IN USE AS OF JANUARY 2005)
  - 93.11 WATER TABLE ELEVATION (FT.)
  - ↗ FLOW DIRECTION



PLANS PREPARED FOR  
**COMBS OIL BULK PLANT**  
 525 AND 527 E. MAIN ST.  
 IMMOKALEE, FLORIDA

WATER TABLE ELEVATION AND  
 FLOW DIRECTION (7/8/21)

SCALE:	AS NOTED	REV. DATE:	3/26/15
DRAWN BY:	DDB	PROPOSED GRADES BY:	
CHECKED BY:		S.S.#	
APPROVED BY:			

PLANS PREPARED BY:

**MDM**  
 engineering • environmental • construction  
 1055 KATHLEEN RD., LAKELAND, FL 33805  
 E.B. #4857 Ph. (863) 646-9130

MDM JOB NO.  
 20815

SHEET NO.  
 5

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## **APPENDIX B**

**TABLE 1: GROUNDWATER MONITORING WELL ANALYTICAL SUMMARY - VOCs and Metals**

Facility ID#: 118839176

Facility Name: Combs Oil Bulk Plant

Sample		Benzene	Toluene	Ethyl-benzene	Total Xylenes	Total VOAs	MTBE	EDB	1,2-Di-chloro-ethane	Total Lead
Location	Date	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)
MW-1	2/9/99	1 U	1 U	1 U	3.0 U	1 U	3.0 U	NS	NS	NS
MW-2	2/9/99	15	1 U	80	3 U	95.00	3.0 U	NS	NS	NS
MW-4	2/9/99	212	10.0 U	64	30.0 U	276.00	30.0 U	NS	NS	NS
MW-5	2/9/99	133	5.0 U	5.0 U	15.0 U	133.00	15.0 U	NS	NS	NS
	6/16/03	390	55.00	50 U	57	502.00	120	NS	NS	NS
	11/8/11	77.90	0.70	1.24	5.09	84.93	8.78	NS	NS	NS
	1/3/12	0.56	0.48 U	0.45 U	0.94 I	1.50	1.8	NS	NS	NS
	4/3/12	47.90	2.43	0.48 I	1.89	52.22	4.69	NS	NS	NS
	8/20/12	19.50	0.140 U	0.190 U	6.16	25.66	26.5	NS	NS	NS
	11/26/12	0.42 I	0.48 U	0.45 U	0.87 U	0.42	0.75 I	NS	NS	NS
	2/25/13	16.50	0.48 U	0.75	0.87 U	17.25	2.04	NS	NS	NS
	5/23/13	5.00	0.52	0.45 U	0.87 U	5.52	5.18	NS	NS	NS
	11/20/13	2.63	0.48 U	0.45 U	0.87 U	2.63	0.67 U	NS	NS	NS
	6/10/14	11.70	0.48 U	0.45 U	2.07	13.77	3.56	NS	NS	NS
	11/19/14	1.20	0.140 U	0.190 U	0.200 U	1.20	1.25 I	NS	NS	NS
	5/19/15	51.7	4.24	0.45	1.65	58.04	1.62	NS	NS	NS
	12/23/15	7.0	0.45 U	0.26 U	1.3 U	7.0	12	NS	NS	NS
	6/16/16	0.48 U	0.69 U	0.72 U	1.6 U	0 U	0.51 U	NS	NS	NS
	12/21/16	0.18 U	0.74 I	0.42 I	2.4	3.56	1.6	NS	NS	NS
	6/19/17	5.7	0.45 U	0.26 U	1.1 U	5.70	3.4	NS	NS	NS
	4/12/18	57	3.8	0.26 U	1.1 I	61.9	4.3	NS	NS	NS
	7/12/18	19	0.45 U	0.26 U	1.8 I	20.8	0.45 U	NS	NS	NS
	10/11/18	0.20 U	0.45 U	0.26 U	0.59 I	0.59	0.41 U	NS	NS	NS
	1/11/19	21.5	0.140 U	0.190 U	0.200 U	21.5	2.64	NS	NS	NS
	9/18/19	1.02	0.640	0.190 U	0.200 U	1.660	0.180 U	NS	NS	NS
	12/16/19	0.20 U	0.45 U	0.26 U	0.56 U	0.20 U	0.41 U	NS	NS	NS
	3/16/20	0.18 U	0.49 U	0.38 U	1.1 U	0.73 U	0.24 U	NS	NS	NS
	7/8/21	0.25 U	0.24 U	0.27 U	0.50 U	0.50 U	0.44 U	NS	NS	NS
MW-6	2/9/99	FP	FP	FP	FP	FP	FP	NS	NS	NS
	6/16/03	34	48	92	280	454	320	NS	NS	NS
	11/7/03	87	46	52	93	278	12	NS	NS	NS
	2/18/04	20	31.00	36	230	317	5.3	NS	NS	NS
	5/18/04	500	250	230	1100	2,080	110	NS	NS	NS
	8/26/04	1.70	1.00	1 U	2.3	5.00	5.4	NS	NS	NS
	9/28/05	1 U	1 U	1 U	2 U	1 U	4	NS	NS	NS
	10/21/05	NS	NS	NS	NS	NS	NS	NS	NS	NS
	12/28/05	1 U	1 U	1 U	2 U	1 U	12	NS	NS	NS
	3/29/06	1 U	1 U	1 U	2 U	1 U	10	NS	NS	NS
	9/29/06	1 U	1 U	1 U	1 U	1 U	1 U	NS	NS	NS
	1/4/07	1 U	1 U	1 U	1 U	1 U	1 U	NS	NS	NS
	1/11/08	1 U	1 U	1 U	1 U	1 U	3.06	NS	NS	NS
	4/17/08	1 U	1 U	1 U	1 U	1 U	1 U	NS	NS	NS
	7/17/08	1 U	1 U	1 U	1 U	1 U	1 U	NS	NS	NS
	10/21/08	1 U	1 U	1 U	1 U	1 U	1 U	NS	NS	NS
	2/3/09	1 U	1 U	1 U	1 U	1 U	1 U	NS	NS	NS
	5/4/09	1 U	1 U	1 U	1 U	1 U	1 U	NS	NS	NS
	8/5/09	0.29	0.1601 U	0.1959 U	0.2310 U	0.1601 U	0.2562 U	NS	NS	NS
	10/28/09	0.36 U	0.48 U	0.45 U	0.82 U	0.36 U	0.67 U	NS	NS	NS
	2/23/10	NS	NS	NS	NS	NS	NS	NS	NS	NS
by others	9/10/10	3.04	0.730 I	0.520 U	0.980 U	3.77	9.93	NS	NS	NS
	11/5/10	2.97	0.48 U	0.45 U	0.82 U	2.97	8.02	NS	NS	NS
	11/8/11	0.36 U	0.48 U	0.45 U	0.87 U	0.36 U	0.67 U	NS	NS	NS
	1/3/12	0.36 U	0.48 U	0.45 U	0.87 U	0.36 U	0.67 U	NS	NS	NS
	4/3/12	0.49 I	1.41	0.45 U	1.30 I	3.20	0.67 U	NS	NS	NS
	4/12/18	0.20 U	0.45 U	0.26 U	0.56 U	0.20 U	0.41 U	NS	NS	NS
	7/12/18	0.38 I	0.45 U	0.26 U	0.56 U	0.38	6.3	NS	NS	NS
	10/11/18	0.20 U	0.45 U	0.26 U	0.56 U	0.20 U	0.41 U	NS	NS	NS
	1/11/19	0.160 U	0.140 U	0.190 U	0.200 U	0.200 U	0.180 U	NS	NS	NS
	9/18/19	28.9	0.140 U	0.760	5.77	35.43	2.86	NS	NS	NS
	12/16/19	0.20 U	0.45 U	0.26 U	0.56 U	0.20 U	0.41 U	NS	NS	NS
	3/16/20	0.18 U	0.49 U	0.38 U	1.1 U	0.73 U	0.24 U	NS	NS	NS
	7/8/21	0.25 U	0.24 U	0.27 U	0.50 U	0.50 U	0.44 U	NS	NS	NS

**TABLE 1: GROUNDWATER MONITORING WELL ANALYTICAL SUMMARY - VOCs and Metals**

Facility ID#: 118839176

Facility Name: Combs Oil Bulk Plant

Sample		Benzene	Toluene	Ethyl-benzene	Total Xylenes	Total VOAs	MTBE	EDB	1,2-Di-chloro-ethane	Total Lead
Location	Date	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)
MW-7	2/9/99	FP	FP	FP	FP	FP	FP	NS	NS	NS
	6/16/03	360	50 U	50 U	50 U	360.0	1200	NS	NS	NS
	11/7/03	210	1.4	1.7	1 U	213.1	11	NS	NS	NS
	2/18/04	140	1 U	2.5	3.3	145.8	30	NS	NS	NS
	5/18/04	160	1.4	2	3	166.4	42	NS	NS	NS
	8/26/04	14	1 U	1.7	1.3	17.0	5 U	NS	NS	NS
	9/27/05	17	1 U	1 U	2 U	17.00	2	NS	NS	NS
	12/28/05	1 U	1 U	1 U	2 U	1U	5 U	NS	NS	NS
	3/29/06	11	1 U	1.2	2 U	12.2	4.8	NS	NS	NS
	9/29/06	1.1	1 U	1 U	1 U	1.10	1 U	NS	NS	NS
	1/4/07	1.6	1 U	1 U	1 U	1.6	1 U	NS	NS	NS
	8/10/07	1.15	1 U	1 U	1 U	1.15	1 U	NS	NS	NS
	1/11/08	1.2	1 U	1 U	1.62	2.82	1 U	NS	NS	NS
	4/17/08	1 U	1 U	1 U	1 U	1 U	1 U	NS	NS	NS
	7/17/08	1 U	1 U	1 U	1 U	1 U	1 U	NS	NS	NS
	10/21/08	1 U	1 U	1 U	1 U	1 U	1 U	NS	NS	NS
	2/3/09	1 U	1 U	1 U	1 U	1 U	1 U	NS	NS	NS
	5/4/09	1 U	1 U	1 U	1 U	1 U	1 U	NS	NS	NS
	8/5/09	0.77	0.35	0.1959 U	0.2310 U	1.1200	0.2562 U	NS	NS	NS
	10/28/09	0.36 U	0.48 U	0.45 U	0.82 U	0.36 U	0.67 U	NS	NS	NS
by others	9/10/10	0.400 I	0.470 U	0.520 U	0.980 U	0.400 I	0.720 I	NS	NS	NS
MW-7R	4/12/18	0.20 U	0.45 U	0.26 U	0.56 U	0.20 U	0.41 U	NS	NS	NS
	7/12/18	0.20 U	0.45 U	0.26 U	0.56 U	0.20 U	0.41 U	NS	NS	NS
	10/11/18	54	5.4	0.26 U	0.56 U	59.4	3.6	NS	NS	NS
	1/11/19	22.2	0.140 U	0.190 U	0.200 U	22.2	0.180 U	NS	NS	NS
	9/18/19	3.47	0.760	0.190 U	0.200 U	4.230	0.900	NS	NS	NS
	12/16/19	0.20 U	0.45 U	0.26 U	0.56 U	0.20 U	0.41 U	NS	NS	NS
	3/16/20	0.18 U	0.49 U	0.38 U	1.1 U	0.73 U	0.24 U	NS	NS	NS
	7/8/21	0.25 U	0.24 U	0.27 U	0.50 U	0.50 U	0.44 U	NS	NS	NS
MW-8	2/9/99	147.0	5.0 U	5.0 U	15.0 U	147.0	15.0 U	NS	NS	NS
	3/14/02	1 U	1 U	1 U	1 U	1 U	6.9	NS	NS	NS
	6/10/02	1 U	1 U	1 U	1 U	1 U	1 U	NS	NS	NS
	9/9/02	1 U	1 U	1 U	1 U	1 U	1 U	NS	NS	NS
	12/11/02	1 U	1 U	1 U	1 U	1 U	3	NS	NS	NS
	6/16/03	1 U	1.1	1 U	1 U	1.1	1 U	NS	NS	NS
	11/7/03	360	100 U	100 U	100 U	360	1600	NS	NS	NS
	5/18/04	400	6.6	1.4	1.2	409.2	37	NS	NS	NS
	8/26/04	2.8	1 U	1 U	1 U	2.8	5.1	NS	NS	NS
	9/28/05	28	2.4	1 U	2 U	30.4	15	NS	NS	NS
	12/28/05	31	1 U	1 U	2 U	31	12	NS	NS	NS
	3/29/06	24	1 U	1 U	2 U	24	4.6	NS	NS	NS
	9/29/06	1 U	1 U	1 U	1 U	1 U	1 U	NS	NS	NS
	1/5/07	1 U	1 U	1 U	1 U	1 U	1 U	NS	NS	NS
	8/10/07	1 U	1 U	1 U	1 U	1 U	1 U	NS	NS	NS
	1/11/08	1 U	1 U	1 U	1 U	1 U	1 U	NS	NS	NS
	4/18/08	1 U	1 U	1 U	1 U	1 U	1 U	NS	NS	NS
	7/17/08	1 U	1 U	1 U	1 U	1 U	1 U	NS	NS	NS
	10/21/08	1 U	1 U	1 U	1 U	1 U	1 U	NS	NS	NS
	2/3/09	1 U	1 U	1 U	1 U	1 U	6.82	NS	NS	NS
	5/4/09	1 U	1 U	1 U	1 U	1 U	14.5	NS	NS	NS
	8/5/09	0.2105 U	0.1601 U	0.1959 U	0.2310 U	0.1601 U	0.2562 U	NS	NS	NS
	10/28/09	0.36 U	0.48 U	0.45 U	0.82 U	0.36 U	46.7	NS	NS	NS
	1/21/2010	0.36 U	0.48 U	0.45 U	0.82 U	0.36 U	41.5	NS	NS	NS
	2/23/10	0.36 U	0.48 U	0.45 U	0.82 U	0.36 U	1.82	NS	NS	NS
	6/23/10	NS	NS	NS	NS	NS	0.85 I	NS	NS	NS
by others	9/10/10	13.4	0.470 U	0.520 U	0.980 U	13	4.11	NS	NS	NS
	11/5/10	12.4	0.48 U	0.45 U	0.87 U	12	7.9	NS	NS	NS
	11/8/11	0.36 U	0.48 U	0.45 U	0.87 U	0.36 U	0.67 U	NS	NS	NS



**TABLE 1: GROUNDWATER MONITORING WELL ANALYTICAL SUMMARY - VOCs and Metals**

Facility ID#: 118839176

Facility Name: Combs Oil Bulk Plant

Sample		Benzene	Toluene	Ethyl-benzene	Total Xylenes	Total VOAs	MTBE	EDB	1,2-Di-chloro-ethane	Total Lead
Location	Date	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)
MW-13	2/9/99	1 U	1 U	1 U	3.0 U	1 U	3.0 U	NS	NS	NS
	6/16/03	1 U	1 U	1 U	1 U	1 U	1 U	NS	NS	NS
	1/31/06	1 U	1 U	1 U	2 U	1 U	5 U	NS	NS	NS
MW-14	2/9/99	2	1 U	1 U	3.0 U	2.00	3.00	NS	NS	NS
MW-15	2/9/99	1 U	1 U	1 U	3.0 U	1 U	3.0 U	NS	NS	NS
MW-16	2/9/99	1 U	1 U	1 U	3.0 U	1 U	3.0 U	NS	NS	NS
MW-17	2/9/99	1 U	1 U	1 U	3.0 U	1 U	3.0 U	NS	NS	NS
MW-18	2/9/99	1 U	1 U	1 U	3.0 U	1 U	3.0 U	NS	NS	NS
	4/3/12	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-19	2/9/99	1 U	1 U	1 U	3.0 U	1 U	3.0 U	NS	NS	NS
	4/3/12	N	NS	NS	NS	NS	NS	NS	NS	NS
MW-20	2/9/99	1 U	1 U	1 U	3.0 U	1 U	5.00	NS	NS	NS
MW-21	2/9/99	13	1 U	12	3.0 U	25.00	3.0 U	NS	NS	NS
MW-21R	6/16/03	470	50 U	50 U	94	564	320	NS	NS	NS
	11/6/03	1.8	1 U	1 U	1 U	1.8	5 U	NS	NS	NS
	2/18/04	1 U	1 U	1 U	1 U	1 U	5 U	NS	NS	NS
	5/18/04	1 U	1 U	1 U	1 U	1 U	5 U	NS	NS	NS
	8/26/04	2.5	1 U	1 U	1 U	2.5	7.6	NS	NS	NS
	9/28/05	1 U	1 U	1 U	2 U	1 U	5 U	NS	NS	NS
	12/28/05	1 U	1 U	1 U	2 U	1 U	5 U	NS	NS	NS
	3/28/06	1 U	1 U	1 U	2 U	1 U	1 U	NS	NS	NS
	9/29/06	1 U	1 U	1 U	1 U	1 U	1 U	NS	NS	NS
	1/4/07	1 U	1 U	1 U	1 U	1 U	1 U	NS	NS	NS
	4/18/08	1 U	1 U	1 U	1 U	1 U	1 U	NS	NS	NS
	7/17/08	1 U	1 U	1 U	1 U	1 U	1 U	NS	NS	NS
	10/21/08	1 U	1 U	1 U	1 U	1 U	1 U	NS	NS	NS
	2/3/09	1 U	1 U	1 U	1 U	1 U	1 U	NS	NS	NS
	5/4/09	1 U	1 U	1 U	1 U	1 U	1 U	NS	NS	NS
	8/5/09	0.2105 U	0.1601 U	0.1959 U	0.2105 U	0.1601 U	0.2562 U	NS	NS	NS
	10/28/09	0.36 U	0.48 U	0.45 U	0.82 U	0.36 U	0.67 U	NS	NS	NS
by others	9/10/10	0.350 U	0.470 U	0.520 U	0.980 U	0.350 U	0.440 U	NS	NS	NS
MW-22	5/11/99	FP	FP	FP	FP	FP	FP	NS	NS	NS
MW-22R	3/14/02	310	270	460	2000	3,040.00	20 U	NS	NS	NS
	6/10/02	540	520	660	1700	3,420.00	82	NS	NS	NS
	9/9/02	94	31	250	330	705.00	5 U	NS	NS	NS
	12/11/02	160	140	410	840	1,550.00	100 U	NS	NS	NS
	11/7/03	26	84	330	1500	1,940.00	79	NS	NS	NS
	2/18/04	14	3.8	4.8	7.4	30.00	30	NS	NS	NS
	5/18/04	24	1 U	48	5	77	5 U	NS	NS	NS
	8/26/04	1 U	1.2	3	8.4	13	5 U	NS	NS	NS
	9/27/05	1 U	1 U	1 U	2 U	1 U	5 U	NS	NS	NS
	12/28/05	6.5	1 U	1 U	140	147	5 U	NS	NS	NS
	3/28/06	1 U	1.7	17	30.3	49.0	1 U	NS	NS	NS
	9/29/06	1 U	1 U	1 U	0.43	0.43	1 U	NS	NS	NS
	1/4/07	2.9	10	18	63.5	94.4	1 U	NS	NS	NS
	8/10/07	1 U	1 U	1 U	1 U	1 U	1 U	NS	NS	NS
	1/11/08	1 U	1 U	1 U	1 U	1 U	1 U	NS	NS	NS
	4/17/08	1 U	1 U	1 U	1 U	1 U	1 U	NS	NS	NS
	7/17/08	1 U	1 U	1 U	1 U	1 U	1 U	NS	NS	NS
	10/21/08	1 U	1 U	1 U	1 U	1 U	1 U	NS	NS	NS
	2/3/09	1 U	1 U	1 U	1 U	1 U	1 U	NS	NS	NS
	5/4/09	1 U	1 U	1 U	1 U	1 U	1 U	NS	NS	NS
	8/5/09	0.2105 U	0.1601 U	0.1959 U	0.2310 U	0.1601 U	0.2562 U	NS	NS	NS
	10/28/09	0.36 U	0.48 U	0.45 U	0.82 U	0.36 U	0.67 U	NS	NS	NS
by others	9/10/10	0.350 U	0.470 U	0.520 U	0.980 U	0.350 U	0.440 U	NS	NS	NS
MW-23	2/9/99	8.0	3.0	3.0	7.0	21.0	3.0 U	NS	NS	NS
MW-25	2/9/99	1 U	1 U	1 U	3.0 U	1 U	3.0 U	NS	NS	NS
MW-26	5/11/99	11.0	1 U	1 U	1 U	11.0	2.50	NS	NS	NS
MW-26R	8/20/12	0.160 U	0.140 U	0.190 U	0.510 U	1 U	0.180 U	NS	NS	NS
	11/26/12	0.83	0.48 U	1.15	5.29	7.27	0.67 U	NS	NS	NS

**TABLE 1: GROUNDWATER MONITORING WELL ANALYTICAL SUMMARY - VOCs and Metals**

Facility ID#: 118839176

Facility Name: Combs Oil Bulk Plant

Sample		Benzene	Toluene	Ethyl-benzene	Total Xylenes	Total VOAs	MTBE	EDB	1,2-Di-chloro-ethane	Total Lead
Location	Date	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)
MW-27	5/11/99	9.60	1 U	4.40	1.90	15.90	7.80	NS	NS	NS
MW-28	11/7/03	270	16	280	350	916	16	NS	NS	NS
	2/18/04	340	13	250	280	883	50 U	NS	NS	NS
	5/18/04	140	2.1	160	81	383.1	12	NS	NS	NS
	8/26/04	1200	230	390	710	2,530	410	NS	NS	NS
	9/27/05	24	1.3	15	28	68.3	6.5	NS	NS	NS
	12/28/05	36	1 U	1 U	2 U	36	24	NS	NS	NS
	3/29/06	86	3.5	30	49.9	169.4	12	NS	NS	NS
	9/29/06	960	70	480	880	2,390	110	NS	NS	NS
	1/5/07	110	7.6	72	109	298.6	18 I	NS	NS	NS
	8/10/07	38.9	1.15	48.8	36.6	125.5	6.17	NS	NS	NS
	1/11/08	17.9	1 U	25.4	18.6	61.90	3.63	NS	NS	NS
	4/18/08	1.56	1 U	13.4	10.3	25.26	4.41	NS	NS	NS
	07/17/08	1 U	1 U	1 U	1 U	1 U	1 U	NS	NS	NS
	10/21/08	1 U	1 U	1 U	1 U	1 U	1 U	NS	NS	NS
	2/3/09	1 U	1 U	1 U	1 U	1 U	1 U	NS	NS	NS
	5/4/09	1 U	1 U	1 U	1 U	1 U	1 U	NS	NS	NS
	8/5/09	0.2105 U	0.1601 U	0.22	0.2310 U	0.22	0.2562 U	NS	NS	NS
	10/28/09	0.36 U	0.48 U	0.45 U	0.82 U	0.36 U	0.67 U	NS	NS	NS
by others	9/10/10	0.350 U	0.470 U	0.520 U	0.980 U	0.350 U	0.830 I	NS	NS	NS
MW-28R	4/12/18	0.20 U	0.45 U	0.26 U	0.56 U	0.20 U	0.41 U	NS	NS	NS
	7/12/18	0.20 U	0.45 U	0.26 U	1.2 I	1.2	6.0	NS	NS	NS
	10/11/18	0.20 U	0.45 U	0.26 U	0.56 U	0.20 U	0.41 U	NS	NS	NS
	1/11/19	0.160 U	0.140 U	0.190 U	0.200 U	0.200 U	0.180 U	NS	NS	NS
	9/18/19	0.160 U	0.140 U	0.190 U	0.200 U	0.200 U	0.180 U	NS	NS	NS
	12/16/19	0.20 U	0.45 U	0.26 U	0.56 U	0.20 U	0.41 U	NS	NS	NS
	3/16/20	0.18 U	0.49 U	0.38 U	1.1 U	0.73 U	0.24 U	NS	NS	NS
	7/8/21	0.25 U	0.24 U	0.27 U	0.50 U	0.50 U	0.44 U	NS	NS	NS
MW-29	11/7/03	2900	100 U	4400	2900	10,200	500 U	NS	NS	NS
	2/18/04	no sample								
	5/18/04	3700	18	5000	380	9,098	50 U	NS	NS	NS
	8/26/04	1800	54	4800	560	7,214	250 U	NS	NS	NS
	9/27/05	100	2.5	180	110	393	2	NS	NS	NS
	12/28/05	98	1 U	110	43	251	5 U	NS	NS	NS
	1/31/06	NS	NS	NS	NS	NS	NS	NS	NS	NS
	3/28/06	2.4	1 U	7.7	2 U	10	1 U	NS	NS	NS
	9/29/06	1.3	1 U	1.5	1 U	2.8	1 U	NS	NS	NS
	1/5/07	0.14 U	1 U	1 U	1 U	1 U	1 U	NS	NS	NS
	8/10/07	4.04	1 U	1 U	1 U	4.04	1 U	NS	NS	NS
	1/11/08	1 U	1 U	1 U	1 U	1 U	1 U	NS	NS	NS
	4/18/08	1 U	1 U	1 U	1 U	1 U	1 U	NS	NS	NS
	07/17/08	1 U	1 U	1 U	1 U	1 U	1 U	NS	NS	NS
	10/21/08	1 U	1 U	1 U	1 U	1 U	1 U	NS	NS	NS
	2/3/09	1 U	1 U	1 U	1 U	1 U	1 U	NS	NS	NS
	5/4/09	1 U	1 U	1 U	1 U	1 U	1 U	NS	NS	NS
	8/5/09	1.23	0.1601 U	0.1959 U	0.2310 U	1.23	0.7800	NS	NS	NS
	10/28/09	0.94	0.48 U	0.45 U	0.82 U	0.94	0.67 U	NS	NS	NS
	2/23/10	NS	NS	NS	NS	NS	NS	NS	NS	NS
by others	9/10/10	5.3	0.470 U	0.520 U	0.980 U	5.3	0.440 U	NS	NS	NS
	11/5/10	9.15	0.48 U	7.12	6.76	23.03	0.67 U	NS	NS	NS
	11/8/11	0.8	0.48 U	0.45 U	0.87 U	0.8	0.67 U	NS	NS	NS
	4/3/12	0.5	0.78	0.45 U	0.87 U	1.28	0.67 U	NS	NS	NS

**TABLE 1: GROUNDWATER MONITORING WELL ANALYTICAL SUMMARY - VOCs and Metals**

Facility ID#: 118839176

Facility Name: Combs Oil Bulk Plant

Sample		Benzene	Toluene	Ethyl-benzene	Total Xylenes	Total VOAs	MTBE	EDB	1,2-Di-chloro-ethane	Total Lead
Location	Date	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)
MW-30	11/6/03	2	1 U	1.5	1 U	3.5	5 U	NS	NS	NS
	2/18/04	3.5	1 U	1 U	1 U	3.5	5 U	NS	NS	NS
	5/18/04	8.7	1 U	1 U	1 U	8.7	5 U	NS	NS	NS
	8/26/04	29	2.6	6.9	20	58.5	5 U	NS	NS	NS
	9/28/05	1 U	1 U	1 U	2 U	1 U	5 U	NS	NS	NS
	12/28/05	1 U	1 U	1 U	2 U	1 U	20	NS	NS	NS
	3/29/06	1 U	1 U	1 U	2 U	1 U	16	NS	NS	NS
	9/29/06	1 U	1 U	1 U	1 U	1 U	1 U	NS	NS	NS
	1/4/07	1 U	1 U	1 U	1 U	1 U	1 U	NS	NS	NS
	1/11/08	1 U	1 U	1 U	1 U	1 U	1 U	NS	NS	NS
	4/17/08	1 U	1 U	1 U	1 U	1 U	1 U	NS	NS	NS
	7/17/08	1 U	1 U	1 U	1 U	1 U	1 U	NS	NS	NS
	10/21/08	1 U	1 U	1 U	1 U	1 U	1 U	NS	NS	NS
	2/3/09	1 U	1 U	1 U	1 U	1 U	1 U	NS	NS	NS
	5/4/09	1 U	1 U	1 U	1 U	1 U	1 U	NS	NS	NS
	8/5/09	0.2105 U	0.1601 U	0.1959 U	0.2310 U	0.1601 U	0.2562 U	NS	NS	NS
	10/28/09	0.36 U	0.48 U	0.45 U	0.82 U	0.36 U	0.67 U	NS	NS	NS
	2/23/10	NS	NS	NS	NS	NS	NS	NS	NS	NS
by others	9/10/10	0.350 U	0.470 U	0.520 U	0.980 U	0.350 U	0.830 I	NS	NS	NS
MW-31	11/6/03	1 U	1.8	1.9	3	6.70	5 U	NS	NS	NS
	5/18/04	1 U	1 U	1 U	1 U	1 U	5 U	NS	NS	NS
	8/26/04	1 U	1 U	1 U	1 U	1 U	5 U	NS	NS	NS
	9/28/05	1 U	1 U	1 U	2 U	1 U	5 U	NS	NS	NS
	12/28/05	1 U	1 U	1 U	2 U	1 U	5 U	NS	NS	NS
	3/28/06	1 U	1 U	1 U	2 U	1 U	1 U	NS	NS	NS
	9/29/06	1 U	1 U	1 U	2 U	1 U	1 U	NS	NS	NS
	1/5/07	1 U	1 U	1 U	2 U	1 U	1 U	NS	NS	NS
	1/11/08	1 U	1 U	1 U	2 U	1 U	1 U	NS	NS	NS
	4/17/08	1 U	1 U	1 U	1 U	1 U	1 U	NS	NS	NS
	7/17/08	1 U	1 U	1 U	1 U	1 U	1 U	NS	NS	NS
	10/21/08	1 U	1 U	1 U	1 U	1 U	1 U	NS	NS	NS
	2/3/09	1 U	1 U	1 U	1 U	1 U	1 U	NS	NS	NS
	5/4/09	1 U	1 U	1 U	1 U	1 U	1 U	NS	NS	NS
	8/5/09	0.2105 U	0.1601 U	0.1959 U	0.2310 U	0.1601 U	0.2562 U	NS	NS	NS
	10/28/09	0.36 U	0.48 U	0.45 U	0.82 U	0.36 U	0.67 U	NS	NS	NS
MW-32	1/31/06	1 U	1 U	1 U	2 U	1 U	5 U	NS	NS	NS
MW-33	1/31/06	1 U	1 U	1 U	2 U	1 U	5 U	NS	NS	NS
	2/23/10	NS	NS	NS	NS	NS	NS	NS	NS	NS
	4/3/12	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-34	8/20/12	0.160 U	0.140 U	0.190 U	0.510 U	0.140 U	0.180 U	NS	NS	NS
	11/26/12	0.36 U	0.48 U	0.45 U	0.87 U	0.36 U	0.67 U	NS	NS	NS
	2/25/13	NS	NS	NS	NS	NS	NS	NS	NS	NS
	5/23/13	NS	NS	NS	NS	NS	NS	NS	NS	NS
HRL	3/14/02	1 U	1 U	1 U	1 U	1 U	1 U	NS	NS	NS
	6/10/02	1 U	1 U	1 U	1 U	1 U	1 U	NS	NS	NS
	9/9/02	1 U	1 U	1 U	1 U	1 U	1 U	NS	NS	NS
	12/11/02	1 U	1 U	1 U	1 U	1 U	1 U	NS	NS	NS
GCTLs		1**	40**	30**	20**	NA	20	0.02**	3**	15**
NADCs		100	400	300	200	NA	200	2	300	150

Notes: 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.

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

U = Constituent was not detected to the level indicated; I = concentration is between the method detection limit and the practical quantitative limit.





**TABLE 2: GROUNDWATER MONITORING WELL ANALYTICAL SUMMARY - PAHs and TRPHs**

Facility ID#: 118839176

Facility Name: Combs Oil Bulk Plant

See notes at end of table.

Sample		TRPHs	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-cd) pyrene
Location	Date	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)
MW-6	1/3/12	3,827	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	4/3/12	1,569	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	2/25/13	4,582	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	5/23/13	2,865	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	11/20/13	2,961	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	6/10/14	6,210	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	11/19/14	2,170	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	5/19/15	9,560	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	12/23/15	1,300	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	6/16/16	1,100	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	12/21/16	3,200	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	6/19/17	760	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	4/12/18	15,000	0.40	5.7	7.3	3.2	0.16 U	0.63	0.18 U	0.36	3.0	1.7	2.8	0.14 U	0.093 I	0.047 U	0.18 U	0.12 U	0.090 U	0.042 U
	7/12/18	4,400	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	10/11/18	1,200	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	1/11/19	1,870	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	9/18/19	1,540	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	12/16/19	1,600	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	3/16/20	2,000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	7/8/21	240 U	1.2 U	0.59 U	0.62 U	0.23 U	0.075 U	0.083 U	0.064 U	0.22 U	0.23 U	0.80 U	0.21 U	0.067 U	0.046 U	0.046 U	0.077 U	0.063 U	0.071 U	0.046 U
MW-7	2/9/99	FP	FP	FP	FP	FP	FP	FP	FP	FP	FP	FP	FP	FP	FP	FP	FP	FP	FP	FP
	6/16/03	NS	140	100	130	9.4	1 U	1 U	1 U	1 U	10	16	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	11/7/03	26,000	14	15	14	1.9	1 U	1 U	1 U	1 U	2.8	3.0	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	2/18/04	NS	13	7.4	7.8	1.2	1 U	1 U	1 U	1 U	1.6	1.5	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	5/18/04	NS	66	34	46	1.7	1 U	1 U	1 U	1 U	2.4	3	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	8/26/04	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	9/27/05	NS	19	15	14	2	1 U	1 U	1 U	1 U	2	2.6	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	12/28/05	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	3/29/06	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	9/29/06	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	1/4/07	NS	7.5	8.8	7.2	1.2	1 U	1 U	1 U	1 U	1.1	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	4/17/08	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	7/17/08	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	10/21/08	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	2/3/09	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	5/4/09	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	8/5/09	NS	0.463	0.527	0.716	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.260	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.002 U	0.002 U	0.002 U











**TABLE 2: GROUNDWATER MONITORING WELL ANALYTICAL SUMMARY - PAHs and TRPHs**

Facility ID#: 118839176

Facility Name: Combs Oil Bulk Plant

See notes at end of table.

Sample		TRPHs	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-cd) pyrene
Location	Date	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)
MW-31	11/6/03	650 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
MW-32	1/31/06	260	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
MW-33	1/31/06	300	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	2/23/10	169 U	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	4/3/12	186 I	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-34	8/20/12	651	0.173 U	0.153 U	0.160 U	0.047 U	0.098 U	0.047 U	0.047 U	0.047 U	0.160 U	0.047 U	0.128 U	0.067 U	0.047 U	0.047 U	0.052 U	0.054 U	0.054 U	0.054 U
	11/26/12	167 I	0.173 U	0.153 U	0.160 U	0.047 U	0.098 U	0.047 U	0.047 U	0.047 U	0.160 U	0.047 U	0.128 U	0.067 U	0.047 U	0.047 U	0.052 U	0.054 U	0.054 U	0.054 U
	2/25/13	183 I	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	5/23/13	568	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
HRL	3/14/02	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	6/10/02	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	9/9/02	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	12/11/02	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
<b>GCTLs</b>		5,000	14	28	28	20	210	2,100	210	280	280	210	210	0.2**	0.05 <sup>a</sup>	0.05 <sup>a</sup>	0.5	4.8	0.005 <sup>a</sup>	0.05 <sup>a</sup>
<b>NADCs</b>		50,000	140	280	280	200	2,100	21,000	2,100	2,800	2,800	2,100	2,100	20	5	5	50	480	0.5	5

Notes: FP = Well contained free product

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.

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

<sup>a</sup> = 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 = Constituent was not detected to the level indicated; I = concentration is between the method detection limit and the practical quantitative limit.





**TABLE 3: GROUNDWATER ELEVATION TABLE**

Facility Name: Combs Bulk Plant/Homer's Truck Stop  
 Facility ID#: 118839176 & 118839434

All Measurements = Feet  
 No Data = Blank

WELL NO.	MW-17	MW-18	MW-19	MW-20	MW-21R	MW-22R
DIAMETER	4 inch	4 inch	4 inch	4 inch	4 inch	4 inch
WELL DEPTH	14 ft.	15 ft.	30 ft.	30 ft.	12 ft.	14 ft
SCREEN INTERVAL	1.5 to 11	1.5 to 11	25 to 30	25 to 30	2 to 12	4 to 14 ft
TOC ELEVATION	99.9	98.84	99.75		99.49	99.32

DATE	ELEV	DTW	FP	ELEV	DTW	FP	ELEV	DTW	FP	ELEV	DTW	FP	ELEV	DTW	FP	ELEV	DTW	FP
10/15/2001	96.09	3.81								96.45	3.04		96.41	2.43				
3/14/2002	92.64	7.26		92.44	6.4					92.75	6.74		92.58	6.26				
6/10/2002	91.95	7.95								91.79	7.7		91.66	7.18				
9/9/2002	95.27	4.63		95.01	3.83					95.18	4.31		95.21	3.63				
12/11/2002	94.77	5.13		94.54	4.3		94.57	5.18		94.86	4.63		94.79	4.05				
5/15/2003				92.26	6.58		92.3	7.45		92.31	7.18		cannot locate					
6/16/2003	93.56	6.34		93.36	5.48		93.4	6.35		93.69	5.8		cannot locate					
11/6/2003				94.97	3.87					95.41	4.08		95.36	4.05				
2/18/2004										93.79	5.7		93.76	5.65				
5/18/2004										92.34	7.15		92.23	7.18				
8/26/2004										96.11	3.38		96.1	3.31				
9/27/2005										95.47	4.02		95.46	3.95				
12/28/2005										94.67	4.82		94.61	4.80				
3/29/2006										92.93	6.56		92.78	6.63				
9/29/2006										95.99	3.50		95.95	3.46				
1/4/2007										93.29	6.20		93.23	6.18				
8/10/2007													92.21	7.2				
1/11/2008													DRY			91.7	7.71	
4/17/2008													91.21	8.2				
4/18/2008										91.48	8.01							
7/17/2008										94.75	4.74		94.86	4.55				
10/21/2008										95.8	3.69		95.61	3.8				
2/3/2009										93.03	6.46		92.79	6.62				
5/4/2009										90.74	8.75		90.53	8.88				
8/5/2009										96.44	3.05		96.39	3.02				
10/28/2009										94.84	4.65		94.66	4.75				
4/3/2012				90.96	7.88		90.95	8.8										
8/20/2012																91.90	7.42	

WELL NO.	MW-23	MW-24	MW-25	MW-26/MW26R	MW-27	MW-28
DIAMETER	4 inch	4 inch	4 inch	4 inch	4 inch	2 inch
WELL DEPTH	14 ft.	14 ft.	14 ft.	30 ft.	14 ft.	12 ft.
SCREEN INTERVAL	2 to 14	1.5 to 14	1.5 to 14	25 to 30	4 to 14	2 to 12
TOC ELEVATION			100.6	99.68		99.74

DATE	ELEV	DTW	FP	ELEV	DTW	FP	ELEV	DTW	FP	ELEV	DTW	FP	ELEV	DTW	FP	ELEV	DTW	FP
12/11/2002							95.22	5.34										
5/15/2003							92.91	7.65										
6/16/2003							gate locked											
11/6/2003							gate locked						95.35	4.37				
2/18/2004													93.6	6.12				
5/18/2004													92.2	7.52				
8/26/2004													95.62	4.1				
9/27/2005													94.48	5.24				
12/28/2005													94.49	5.23				
3/29/2006													92.82	6.90				
9/29/2006													95.72	4.00				
1/5/2007													92.94	6.78				
8/10/2007													91.81	7.91				
1/11/2008													91.76	7.96				
4/18/2008													91.18	8.54				
7/17/2008													92.67	7.05				
10/21/2008													93.81	5.91				
2/3/2009													92.84	6.88				
5/4/2009													90.62	9.1				
8/5/2009													96.04	3.68				
10/28/2009													94.6	5.12				
11/8/2011													94.72	5.00				
1/3/2012													93.02	6.70				
4/3/2012													91.07	8.65				
8/20/2012										91.75	7.93		91.90	7.84				
11/26/2012										93.55	6.13		93.34	6.40				
2/25/2013													92.04	7.7				
5/23/2013													92.38	7.36				
11/20/2013													94.22	5.52				
6/10/2014													92.25	7.49				
11/19/2014													93.54	6.20				
5/19/2015													92.61	7.13				
12/23/2015													94.44	5.30				
6/16/2016													95.95	3.79				
12/21/2016													93.14	6.60				
6/19/2017													96.27	3.47				

**TABLE 3: GROUNDWATER ELEVATION TABLE**

Facility Name: Combs Bulk Plant/Homer's Truck Stop  
 Facility ID#: 118839176 & 118839434

All Measurements = Feet  
 No Data = Blank

<b>WELL NO.</b>	MW-29	MW-30	MW-31	MW-32	MW-33	MW-34
<b>DIAMETER</b>	2 inch	2 inch	2 inch	2 inch	2 inch	2 inch
<b>WELL DEPTH</b>	12 ft.	12 ft.	12 ft.	12 ft.	12 ft.	12 ft.
<b>SCREEN INTERVAL</b>	2 to 12	2 to 12	2 to 12	2 to 12	2 to 12	2 to 12
<b>TOC ELEVATION</b>	99.59	99.71	98.98	100.2	100.2	99.69

DATE	ELEV	DTW	FP	ELEV	DTW	FP	ELEV	DTW	FP	ELEV	DTW	FP	ELEV	DTW	FP	ELEV	DTW	FP
11/6/2003	95.39	4.2		95.31	4.4		95.38	3.6										
2/18/2004	93.75	5.84		93.73	5.98		93.71	5.27										
5/18/2004	92.17	7.42		92.26	7.45		92.13	6.85										
8/26/2004	95.97	3.62		95.98	3.73		96.02	2.96										
9/27/2005	94.00	5.59		95.38	4.33		95.42	3.56										
12/28/2005	94.63	4.96		94.53	5.18		94.55	4.43										
1/31/2006	93.70	5.89								93.78	6.44		93.92	6.27				
3/29/2006	93.08	6.51		92.81	6.90		92.84	6.14										
9/29/2006	95.81	3.78		95.89	3.82		95.93	3.05										
1/4/2007				93.21	6.50													
1/5/2007	91.19	8.40					93.18	5.80										
8/10/2007	91.67	7.92																
1/11/2008	91.88	7.71		91.88	7.83		91.84	7.14										
4/17/2008				91.41	8.3		91.4	7.58										
4/18/2008	91.14	8.45																
7/17/2008	93.44	6.15		94.69	5.02		94.76	4.22										
10/21/2008	94.39	5.2		95.73	3.98		95.73	3.25										
2/3/2009	92.95	6.64		92.96	6.75		92.96	6.02										
5/4/2009	90.74	8.85		90.66	9.05		90.62	8.36										
8/5/2009	96.39	3.20		96.36	3.35		96.38	2.6										
10/28/2009	94.79	4.80		94.73	4.98		94.71	4.27										
2/23/2010	93.89	5.70		93.89	5.82								94.22	5.98				
11/8/2011	94.88	4.71																
4/3/2012	91.09	8.50											91.55	8.65				
8/20/2012	91.89	7.70														91.86	7.83	
11/26/2012																93.26	6.43	
2/25/2013																91.99	7.7	
5/23/2013																92.31	7.38	

<b>WELL NO.</b>	MW-7R	MW-28R				
<b>DIAMETER</b>	2 inch	2 inch				
<b>WELL DEPTH</b>	12 ft.	12 ft.				
<b>SCREEN INTERVAL</b>	2 to 12	2 to 12				
<b>TOC ELEVATION</b>	99.84	99.79				

DATE	ELEV	DTW	FP	ELEV	DTW	FP	ELEV	DTW	FP	ELEV	DTW	FP	ELEV	DTW	FP	ELEV	DTW	FP
4/12/2018	92.49	7.35		92.48	7.31													
7/12/2018	95.81	4.03		95.73	4.06													
10/11/2018	95.34	4.50		95.39	4.40													
1/11/2019	93.16	6.68		93.15	6.64													
9/18/2019	94.90	4.94		94.85	4.94													
12/16/2019	93.11	6.73		93.10	6.69													
3/16/2020	92.01	7.83		92.03	7.76													
6/18/2020	93.86	5.98		93.84	5.95													
7/8/2021	93.14	6.70		93.11	6.68													

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## **APPENDIX C**

## ANALYTICAL REPORT

Eurofins TestAmerica, Tampa  
6712 Benjamin Road  
Suite 100  
Tampa, FL 33634  
Tel: (813)885-7427

Laboratory Job ID: 660-112079-1  
Client Project/Site: Combs Oil Company

For:  
MDM Services  
1055 Kathleen Road  
Lakeland, Florida 33805

Attn: Jeff Morgan



Authorized for release by:  
7/16/2021 4:36:31 PM

Matt Jones, Project Manager I  
(850)284-4486  
[matthew.jones@eurofinset.com](mailto:matthew.jones@eurofinset.com)

### LINKS

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*The test results in this report meet all 2003 NELAC, 2009 TNI, and 2016 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.*



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# Sample Summary

Client: MDM Services  
Project/Site: Combs Oil Company

Job ID: 660-112079-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
660-112079-1	MW5	Water	07/08/21 11:25	07/09/21 15:50	
660-112079-2	MW6	Water	07/08/21 11:56	07/09/21 15:50	
660-112079-3	MW7R	Water	07/08/21 12:24	07/09/21 15:50	
660-112079-4	MW8	Water	07/08/21 10:54	07/09/21 15:50	
660-112079-5	MW12R	Water	07/08/21 12:59	07/09/21 15:50	
660-112079-6	MW28R	Water	07/08/21 13:28	07/09/21 15:50	

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# Case Narrative

Client: MDM Services  
Project/Site: Combs Oil Company

Job ID: 660-112079-1

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## Job ID: 660-112079-1

---

Laboratory: Eurofins TestAmerica, Tampa

### Narrative

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#### Job Narrative 660-112079-1

#### Comments

No additional comments.

#### Receipt

The samples were received on 7/9/2021 3:50 PM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 2.6° C.

#### GC/MS VOA

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

#### GC/MS Semi VOA

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

#### GC Semi VOA

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

#### Field Service / Mobile Lab

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

#### Organic Prep

Method 3510C: The following samples formed emulsions during the extraction procedure: MW7R (660-112079-3), MW8 (660-112079-4) and MW28R (660-112079-6). The emulsions were broken up using sodium sulfate.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.



# Definitions/Glossary

Client: MDM Services  
Project/Site: Combs Oil Company

Job ID: 660-112079-1

## Qualifiers

### GC/MS VOA

Qualifier	Qualifier Description
U	Indicates that the compound was analyzed for but not detected.

### GC/MS Semi VOA

Qualifier	Qualifier Description
I	The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit.
U	Indicates that the compound was analyzed for but not detected.

### GC Semi VOA

Qualifier	Qualifier Description
I	The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit.
U	Indicates that the compound was analyzed for but not detected.

## 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
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
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)
TNTC	Too Numerous To Count

# Detection Summary

Client: MDM Services  
Project/Site: Combs Oil Company

Job ID: 660-112079-1

## Client Sample ID: MW5

Lab Sample ID: 660-112079-1

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Field pH	6.4				SU	1		Field Sampling	Total/NA
Field Temperature	30.5				Degrees C	1		Field Sampling	Total/NA
Specific Conductance	400				uS/cm	1		Field Sampling	Total/NA
Oxygen, Dissolved	1.06				mg/L	1		Field Sampling	Total/NA
Turbidity	8.77				NTU	1		Field Sampling	Total/NA

## Client Sample ID: MW6

Lab Sample ID: 660-112079-2

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Field pH	6.4				SU	1		Field Sampling	Total/NA
Field Temperature	30.0				Degrees C	1		Field Sampling	Total/NA
Specific Conductance	490				uS/cm	1		Field Sampling	Total/NA
Oxygen, Dissolved	1.24				mg/L	1		Field Sampling	Total/NA
Turbidity	5.05				NTU	1		Field Sampling	Total/NA

## Client Sample ID: MW7R

Lab Sample ID: 660-112079-3

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Anthracene	0.10	I	0.46	0.083	ug/L	1		8270D	Total/NA
Total Petroleum Hydrocarbons (C8-C40)	3000		1000	240	ug/L	1		FL-PRO Micro	Total/NA
Field pH	6.5				SU	1		Field Sampling	Total/NA
Field Temperature	30.2				Degrees C	1		Field Sampling	Total/NA
Specific Conductance	460				uS/cm	1		Field Sampling	Total/NA
Oxygen, Dissolved	0.78				mg/L	1		Field Sampling	Total/NA
Turbidity	17.28				NTU	1		Field Sampling	Total/NA
<b>Analyte</b>	<b>Result</b>	<b>Qualifier</b>	<b>PQL</b>	<b>MDL</b>	<b>Unit</b>	<b>Dil Fac</b>	<b>D</b>	<b>Method</b>	<b>Prep Type</b>
Total Petroleum Hydrocarbons (C8-C40)	3.0		1.0	0.24	mg/L	1		FL-PRO Micro	Total/NA

## Client Sample ID: MW8

Lab Sample ID: 660-112079-4

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Total Petroleum Hydrocarbons (C8-C40)	800	I	1000	240	ug/L	1		FL-PRO Micro	Total/NA
Field pH	6.3				SU	1		Field Sampling	Total/NA
Field Temperature	29.6				Degrees C	1		Field Sampling	Total/NA
Specific Conductance	450				uS/cm	1		Field Sampling	Total/NA
Oxygen, Dissolved	1.41				mg/L	1		Field Sampling	Total/NA
Turbidity	6.78				NTU	1		Field Sampling	Total/NA
<b>Analyte</b>	<b>Result</b>	<b>Qualifier</b>	<b>PQL</b>	<b>MDL</b>	<b>Unit</b>	<b>Dil Fac</b>	<b>D</b>	<b>Method</b>	<b>Prep Type</b>
Total Petroleum Hydrocarbons (C8-C40)	0.80	I	1.0	0.24	mg/L	1		FL-PRO Micro	Total/NA

## Client Sample ID: MW12R

Lab Sample ID: 660-112079-5

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Field pH	6.5				SU	1		Field Sampling	Total/NA
Field Temperature	28.1				Degrees C	1		Field Sampling	Total/NA
Specific Conductance	410				uS/cm	1		Field Sampling	Total/NA
Oxygen, Dissolved	0.81				mg/L	1		Field Sampling	Total/NA
Turbidity	3.15				NTU	1		Field Sampling	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins TestAmerica, Tampa

# Detection Summary

Client: MDM Services  
 Project/Site: Combs Oil Company

Job ID: 660-112079-1

**Client Sample ID: MW28R**

**Lab Sample ID: 660-112079-6**

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Total Petroleum Hydrocarbons (C8-C40)	4800		1000	240	ug/L	1		FL-PRO Micro	Total/NA
Field pH	6.3				SU	1		Field Sampling	Total/NA
Field Temperature	29.2				Degrees C	1		Field Sampling	Total/NA
Specific Conductance	240				uS/cm	1		Field Sampling	Total/NA
Oxygen, Dissolved	0.50				mg/L	1		Field Sampling	Total/NA
Turbidity	3.78				NTU	1		Field Sampling	Total/NA
Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Total Petroleum Hydrocarbons (C8-C40)	4.8		1.0	0.24	mg/L	1		FL-PRO Micro	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins TestAmerica, Tampa



# Client Sample Results

Client: MDM Services  
Project/Site: Combs Oil Company

Job ID: 660-112079-1

**Client Sample ID: MW5**

**Lab Sample ID: 660-112079-1**

Date Collected: 07/08/21 11:25

Matrix: Water

Date Received: 07/09/21 15:50

**Method: 8260B - Volatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.25	U	1.0	0.25	ug/L			07/12/21 21:19	1
Ethylbenzene	0.27	U	1.0	0.27	ug/L			07/12/21 21:19	1
Toluene	0.24	U	1.0	0.24	ug/L			07/12/21 21:19	1
Xylenes, Total	0.50	U	4.0	0.50	ug/L			07/12/21 21:19	1
Methyl tert-butyl ether	0.44	U	2.0	0.44	ug/L			07/12/21 21:19	1
m-Xylene & p-Xylene	0.36	U	2.0	0.36	ug/L			07/12/21 21:19	1
o-Xylene	0.50	U	2.0	0.50	ug/L			07/12/21 21:19	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	100		70 - 130		07/12/21 21:19	1
Dibromofluoromethane	105		70 - 130		07/12/21 21:19	1
4-Bromofluorobenzene	98		70 - 130		07/12/21 21:19	1

**Method: 8270D - PAHs by GC/MS (SIM)**

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	1.2	U	3.7	1.2	ug/L		07/12/21 07:21	07/12/21 13:50	1
2-Methylnaphthalene	0.62	U	0.69	0.62	ug/L		07/12/21 07:21	07/12/21 13:50	1
1-Methylnaphthalene	0.59	U	0.69	0.59	ug/L		07/12/21 07:21	07/12/21 13:50	1
Acenaphthylene	0.075	U	0.46	0.075	ug/L		07/12/21 07:21	07/12/21 13:50	1
Acenaphthene	0.23	U	0.69	0.23	ug/L		07/12/21 07:21	07/12/21 13:50	1
Fluorene	0.23	U	0.69	0.23	ug/L		07/12/21 07:21	07/12/21 13:50	1
Phenanthrene	0.80	U	2.8	0.80	ug/L		07/12/21 07:21	07/12/21 13:50	1
Anthracene	0.083	U	0.46	0.083	ug/L		07/12/21 07:21	07/12/21 13:50	1
Fluoranthene	0.22	U	0.69	0.22	ug/L		07/12/21 07:21	07/12/21 13:50	1
Pyrene	0.21	U	0.46	0.21	ug/L		07/12/21 07:21	07/12/21 13:50	1
Benzo[a]anthracene	0.046	U	0.19	0.046	ug/L		07/12/21 07:21	07/12/21 13:50	1
Chrysene	0.063	U	0.46	0.063	ug/L		07/12/21 07:21	07/12/21 13:50	1
Benzo[b]fluoranthene	0.046	U	0.093	0.046	ug/L		07/12/21 07:21	07/12/21 13:50	1
Benzo[k]fluoranthene	0.077	U	0.46	0.077	ug/L		07/12/21 07:21	07/12/21 13:50	1
Benzo[a]pyrene	0.067	U	0.46	0.067	ug/L		07/12/21 07:21	07/12/21 13:50	1
Benzo[g,h,i]perylene	0.064	U	0.46	0.064	ug/L		07/12/21 07:21	07/12/21 13:50	1
Indeno[1,2,3-cd]pyrene	0.046	U	0.19	0.046	ug/L		07/12/21 07:21	07/12/21 13:50	1
Dibenz[a,h]anthracene	0.071	U	0.19	0.071	ug/L		07/12/21 07:21	07/12/21 13:50	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-methylnaphthalene-d10	70		19 - 110		07/12/21 07:21	1
Fluoranthene-d10	67		35 - 140		07/12/21 07:21	1

**Method: FL-PRO Micro - Florida - Petroleum Range Organics (GC)**

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Petroleum Hydrocarbons (C8-C40)	240	U	1000	240	ug/L		07/12/21 07:12	07/12/21 16:37	1

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Petroleum Hydrocarbons (C8-C40)	0.24	U	1.0	0.24	mg/L		07/12/21 07:12	07/12/21 16:37	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl	134		66 - 139		07/12/21 07:12	1
n-C39	113		40 - 129		07/12/21 07:12	1

# Client Sample Results

Client: MDM Services  
Project/Site: Combs Oil Company

Job ID: 660-112079-1

## Client Sample ID: MW5

Lab Sample ID: 660-112079-1

Date Collected: 07/08/21 11:25

Matrix: Water

Date Received: 07/09/21 15:50

### Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	6.4				SU			07/08/21 11:25	1
Field Temperature	30.5				Degrees C			07/08/21 11:25	1
Specific Conductance	400				uS/cm			07/08/21 11:25	1
Oxygen, Dissolved	1.06				mg/L			07/08/21 11:25	1
Turbidity	8.77				NTU			07/08/21 11:25	1

## Client Sample ID: MW6

Lab Sample ID: 660-112079-2

Date Collected: 07/08/21 11:56

Matrix: Water

Date Received: 07/09/21 15:50

### Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.25	U	1.0	0.25	ug/L			07/12/21 22:18	1
Ethylbenzene	0.27	U	1.0	0.27	ug/L			07/12/21 22:18	1
Toluene	0.24	U	1.0	0.24	ug/L			07/12/21 22:18	1
Xylenes, Total	0.50	U	4.0	0.50	ug/L			07/12/21 22:18	1
Methyl tert-butyl ether	0.44	U	2.0	0.44	ug/L			07/12/21 22:18	1
m-Xylene & p-Xylene	0.36	U	2.0	0.36	ug/L			07/12/21 22:18	1
o-Xylene	0.50	U	2.0	0.50	ug/L			07/12/21 22:18	1
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
Toluene-d8 (Surr)	97		70 - 130					07/12/21 22:18	1
Dibromofluoromethane	103		70 - 130					07/12/21 22:18	1
4-Bromofluorobenzene	101		70 - 130					07/12/21 22:18	1

### Method: 8270D - PAHs by GC/MS (SIM)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	1.2	U	3.7	1.2	ug/L		07/12/21 07:21	07/12/21 11:42	1
2-Methylnaphthalene	0.62	U	0.69	0.62	ug/L		07/12/21 07:21	07/12/21 11:42	1
1-Methylnaphthalene	0.59	U	0.69	0.59	ug/L		07/12/21 07:21	07/12/21 11:42	1
Acenaphthylene	0.075	U	0.46	0.075	ug/L		07/12/21 07:21	07/12/21 11:42	1
Acenaphthene	0.23	U	0.69	0.23	ug/L		07/12/21 07:21	07/12/21 11:42	1
Fluorene	0.23	U	0.69	0.23	ug/L		07/12/21 07:21	07/12/21 11:42	1
Phenanthrene	0.80	U	2.8	0.80	ug/L		07/12/21 07:21	07/12/21 11:42	1
Anthracene	0.083	U	0.46	0.083	ug/L		07/12/21 07:21	07/12/21 11:42	1
Fluoranthene	0.22	U	0.69	0.22	ug/L		07/12/21 07:21	07/12/21 11:42	1
Pyrene	0.21	U	0.46	0.21	ug/L		07/12/21 07:21	07/12/21 11:42	1
Benzo[a]anthracene	0.046	U	0.19	0.046	ug/L		07/12/21 07:21	07/12/21 11:42	1
Chrysene	0.063	U	0.46	0.063	ug/L		07/12/21 07:21	07/12/21 11:42	1
Benzo[b]fluoranthene	0.046	U	0.093	0.046	ug/L		07/12/21 07:21	07/12/21 11:42	1
Benzo[k]fluoranthene	0.077	U	0.46	0.077	ug/L		07/12/21 07:21	07/12/21 11:42	1
Benzo[a]pyrene	0.067	U	0.46	0.067	ug/L		07/12/21 07:21	07/12/21 11:42	1
Benzo[g,h,i]perylene	0.064	U	0.46	0.064	ug/L		07/12/21 07:21	07/12/21 11:42	1
Indeno[1,2,3-cd]pyrene	0.046	U	0.19	0.046	ug/L		07/12/21 07:21	07/12/21 11:42	1
Dibenz(a,h)anthracene	0.071	U	0.19	0.071	ug/L		07/12/21 07:21	07/12/21 11:42	1
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
2-methylnaphthalene-d10	69		19 - 110				07/12/21 07:21	07/12/21 11:42	1
Fluoranthene-d10	80		35 - 140				07/12/21 07:21	07/12/21 11:42	1

# Client Sample Results

Client: MDM Services  
Project/Site: Combs Oil Company

Job ID: 660-112079-1

**Client Sample ID: MW6**

**Lab Sample ID: 660-112079-2**

Date Collected: 07/08/21 11:56

Matrix: Water

Date Received: 07/09/21 15:50

**Method: FL-PRO Micro - Florida - Petroleum Range Organics (GC)**

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Petroleum Hydrocarbons (C8-C40)	240	U	1000	240	ug/L		07/12/21 07:12	07/12/21 17:19	1
Total Petroleum Hydrocarbons (C8-C40)	0.24	U	1.0	0.24	mg/L		07/12/21 07:12	07/12/21 17:19	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
<i>o</i> -Terphenyl	116		66 - 139				07/12/21 07:12	07/12/21 17:19	1
<i>n</i> -C39	98		40 - 129				07/12/21 07:12	07/12/21 17:19	1

**Method: Field Sampling - Field Sampling**

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	6.4				SU			07/08/21 11:56	1
Field Temperature	30.0				Degrees C			07/08/21 11:56	1
Specific Conductance	490				uS/cm			07/08/21 11:56	1
Oxygen, Dissolved	1.24				mg/L			07/08/21 11:56	1
Turbidity	5.05				NTU			07/08/21 11:56	1

**Client Sample ID: MW7R**

**Lab Sample ID: 660-112079-3**

Date Collected: 07/08/21 12:24

Matrix: Water

Date Received: 07/09/21 15:50

**Method: 8260B - Volatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.25	U	1.0	0.25	ug/L			07/12/21 21:58	1
Ethylbenzene	0.27	U	1.0	0.27	ug/L			07/12/21 21:58	1
Toluene	0.24	U	1.0	0.24	ug/L			07/12/21 21:58	1
Xylenes, Total	0.50	U	4.0	0.50	ug/L			07/12/21 21:58	1
Methyl tert-butyl ether	0.44	U	2.0	0.44	ug/L			07/12/21 21:58	1
<i>m</i> -Xylene & <i>p</i> -Xylene	0.36	U	2.0	0.36	ug/L			07/12/21 21:58	1
<i>o</i> -Xylene	0.50	U	2.0	0.50	ug/L			07/12/21 21:58	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
<i>Toluene-d8 (Surr)</i>	100		70 - 130					07/12/21 21:58	1
<i>Dibromofluoromethane</i>	102		70 - 130					07/12/21 21:58	1
<i>4-Bromofluorobenzene</i>	101		70 - 130					07/12/21 21:58	1

**Method: 8270D - PAHs by GC/MS (SIM)**

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	1.2	U	3.7	1.2	ug/L		07/12/21 07:21	07/12/21 12:02	1
2-Methylnaphthalene	0.62	U	0.69	0.62	ug/L		07/12/21 07:21	07/12/21 12:02	1
1-Methylnaphthalene	0.59	U	0.69	0.59	ug/L		07/12/21 07:21	07/12/21 12:02	1
Acenaphthylene	0.075	U	0.46	0.075	ug/L		07/12/21 07:21	07/12/21 12:02	1
Acenaphthene	0.23	U	0.69	0.23	ug/L		07/12/21 07:21	07/12/21 12:02	1
Fluorene	0.23	U	0.69	0.23	ug/L		07/12/21 07:21	07/12/21 12:02	1
Phenanthrene	0.80	U	2.8	0.80	ug/L		07/12/21 07:21	07/12/21 12:02	1
<b>Anthracene</b>	<b>0.10</b>	<b>I</b>	0.46	0.083	ug/L		07/12/21 07:21	07/12/21 12:02	1
Fluoranthene	0.22	U	0.69	0.22	ug/L		07/12/21 07:21	07/12/21 12:02	1
Pyrene	0.21	U	0.46	0.21	ug/L		07/12/21 07:21	07/12/21 12:02	1
Benzo[a]anthracene	0.046	U	0.19	0.046	ug/L		07/12/21 07:21	07/12/21 12:02	1
Chrysene	0.063	U	0.46	0.063	ug/L		07/12/21 07:21	07/12/21 12:02	1

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# Client Sample Results

Client: MDM Services  
Project/Site: Combs Oil Company

Job ID: 660-112079-1

**Client Sample ID: MW7R**

**Lab Sample ID: 660-112079-3**

Date Collected: 07/08/21 12:24

Matrix: Water

Date Received: 07/09/21 15:50

**Method: 8270D - PAHs by GC/MS (SIM) (Continued)**

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[b]fluoranthene	0.046	U	0.093	0.046	ug/L		07/12/21 07:21	07/12/21 12:02	1
Benzo[k]fluoranthene	0.077	U	0.46	0.077	ug/L		07/12/21 07:21	07/12/21 12:02	1
Benzo[a]pyrene	0.067	U	0.46	0.067	ug/L		07/12/21 07:21	07/12/21 12:02	1
Benzo[g,h,i]perylene	0.064	U	0.46	0.064	ug/L		07/12/21 07:21	07/12/21 12:02	1
Indeno[1,2,3-cd]pyrene	0.046	U	0.19	0.046	ug/L		07/12/21 07:21	07/12/21 12:02	1
Dibenz[a,h]anthracene	0.071	U	0.19	0.071	ug/L		07/12/21 07:21	07/12/21 12:02	1
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
2-methylnaphthalene-d10	75		19 - 110				07/12/21 07:21	07/12/21 12:02	1
Fluoranthene-d10	88		35 - 140				07/12/21 07:21	07/12/21 12:02	1

**Method: FL-PRO Micro - Florida - Petroleum Range Organics (GC)**

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Total Petroleum Hydrocarbons (C8-C40)</b>	<b>3000</b>		1000	240	ug/L		07/12/21 07:12	07/12/21 18:01	1
<b>Analyte</b>	<b>Result</b>	<b>Qualifier</b>	<b>PQL</b>	<b>MDL</b>	<b>Unit</b>	<b>D</b>	<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
<b>Total Petroleum Hydrocarbons (C8-C40)</b>	<b>3.0</b>		1.0	0.24	mg/L		07/12/21 07:12	07/12/21 18:01	1
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
o-Terphenyl	127		66 - 139				07/12/21 07:12	07/12/21 18:01	1
n-C39	109		40 - 129				07/12/21 07:12	07/12/21 18:01	1

**Method: Field Sampling - Field Sampling**

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Field pH</b>	<b>6.5</b>				SU			07/08/21 12:24	1
<b>Field Temperature</b>	<b>30.2</b>				Degrees C			07/08/21 12:24	1
<b>Specific Conductance</b>	<b>460</b>				uS/cm			07/08/21 12:24	1
<b>Oxygen, Dissolved</b>	<b>0.78</b>				mg/L			07/08/21 12:24	1
<b>Turbidity</b>	<b>17.28</b>				NTU			07/08/21 12:24	1

**Client Sample ID: MW8**

**Lab Sample ID: 660-112079-4**

Date Collected: 07/08/21 10:54

Matrix: Water

Date Received: 07/09/21 15:50

**Method: 8260B - Volatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.25	U	1.0	0.25	ug/L			07/12/21 21:39	1
Ethylbenzene	0.27	U	1.0	0.27	ug/L			07/12/21 21:39	1
Toluene	0.24	U	1.0	0.24	ug/L			07/12/21 21:39	1
Xylenes, Total	0.50	U	4.0	0.50	ug/L			07/12/21 21:39	1
Methyl tert-butyl ether	0.44	U	2.0	0.44	ug/L			07/12/21 21:39	1
m-Xylene & p-Xylene	0.36	U	2.0	0.36	ug/L			07/12/21 21:39	1
o-Xylene	0.50	U	2.0	0.50	ug/L			07/12/21 21:39	1
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
Toluene-d8 (Surr)	100		70 - 130					07/12/21 21:39	1
Dibromofluoromethane	105		70 - 130					07/12/21 21:39	1
4-Bromofluorobenzene	98		70 - 130					07/12/21 21:39	1

# Client Sample Results

Client: MDM Services  
Project/Site: Combs Oil Company

Job ID: 660-112079-1

**Client Sample ID: MW8**

**Lab Sample ID: 660-112079-4**

Date Collected: 07/08/21 10:54

Matrix: Water

Date Received: 07/09/21 15:50

**Method: 8270D - PAHs by GC/MS (SIM)**

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	1.2	U	3.7	1.2	ug/L		07/12/21 07:21	07/12/21 12:22	1
2-Methylnaphthalene	0.62	U	0.69	0.62	ug/L		07/12/21 07:21	07/12/21 12:22	1
1-Methylnaphthalene	0.59	U	0.69	0.59	ug/L		07/12/21 07:21	07/12/21 12:22	1
Acenaphthylene	0.075	U	0.46	0.075	ug/L		07/12/21 07:21	07/12/21 12:22	1
Acenaphthene	0.23	U	0.69	0.23	ug/L		07/12/21 07:21	07/12/21 12:22	1
Fluorene	0.23	U	0.69	0.23	ug/L		07/12/21 07:21	07/12/21 12:22	1
Phenanthrene	0.80	U	2.8	0.80	ug/L		07/12/21 07:21	07/12/21 12:22	1
Anthracene	0.083	U	0.46	0.083	ug/L		07/12/21 07:21	07/12/21 12:22	1
Fluoranthene	0.22	U	0.69	0.22	ug/L		07/12/21 07:21	07/12/21 12:22	1
Pyrene	0.21	U	0.46	0.21	ug/L		07/12/21 07:21	07/12/21 12:22	1
Benzo[a]anthracene	0.046	U	0.19	0.046	ug/L		07/12/21 07:21	07/12/21 12:22	1
Chrysene	0.063	U	0.46	0.063	ug/L		07/12/21 07:21	07/12/21 12:22	1
Benzo[b]fluoranthene	0.046	U	0.093	0.046	ug/L		07/12/21 07:21	07/12/21 12:22	1
Benzo[k]fluoranthene	0.077	U	0.46	0.077	ug/L		07/12/21 07:21	07/12/21 12:22	1
Benzo[a]pyrene	0.067	U	0.46	0.067	ug/L		07/12/21 07:21	07/12/21 12:22	1
Benzo[g,h,i]perylene	0.064	U	0.46	0.064	ug/L		07/12/21 07:21	07/12/21 12:22	1
Indeno[1,2,3-cd]pyrene	0.046	U	0.19	0.046	ug/L		07/12/21 07:21	07/12/21 12:22	1
Dibenz(a,h)anthracene	0.071	U	0.19	0.071	ug/L		07/12/21 07:21	07/12/21 12:22	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2-methylnaphthalene-d10	71		19 - 110				07/12/21 07:21	07/12/21 12:22	1
Fluoranthene-d10	84		35 - 140				07/12/21 07:21	07/12/21 12:22	1

**Method: FL-PRO Micro - Florida - Petroleum Range Organics (GC)**

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Total Petroleum Hydrocarbons (C8-C40)</b>	<b>800</b>	<b>I</b>	1000	240	ug/L		07/12/21 07:12	07/12/21 18:23	1
Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Total Petroleum Hydrocarbons (C8-C40)</b>	<b>0.80</b>	<b>I</b>	1.0	0.24	mg/L		07/12/21 07:12	07/12/21 18:23	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
<i>o</i> -Terphenyl	134		66 - 139				07/12/21 07:12	07/12/21 18:23	1
<i>n</i> -C39	108		40 - 129				07/12/21 07:12	07/12/21 18:23	1

**Method: Field Sampling - Field Sampling**

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Field pH</b>	<b>6.3</b>				SU			07/08/21 10:54	1
<b>Field Temperature</b>	<b>29.6</b>				Degrees C			07/08/21 10:54	1
<b>Specific Conductance</b>	<b>450</b>				uS/cm			07/08/21 10:54	1
<b>Oxygen, Dissolved</b>	<b>1.41</b>				mg/L			07/08/21 10:54	1
<b>Turbidity</b>	<b>6.78</b>				NTU			07/08/21 10:54	1

**Client Sample ID: MW12R**

**Lab Sample ID: 660-112079-5**

Date Collected: 07/08/21 12:59

Matrix: Water

Date Received: 07/09/21 15:50

**Method: 8260B - Volatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.25	U	1.0	0.25	ug/L			07/14/21 18:09	1
Ethylbenzene	0.27	U	1.0	0.27	ug/L			07/14/21 18:09	1

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# Client Sample Results

Client: MDM Services  
Project/Site: Combs Oil Company

Job ID: 660-112079-1

**Client Sample ID: MW12R**

**Lab Sample ID: 660-112079-5**

Date Collected: 07/08/21 12:59

Matrix: Water

Date Received: 07/09/21 15:50

**Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)**

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Toluene	0.24	U	1.0	0.24	ug/L			07/14/21 18:09	1
Xylenes, Total	0.50	U	4.0	0.50	ug/L			07/14/21 18:09	1
Methyl tert-butyl ether	0.44	U	2.0	0.44	ug/L			07/14/21 18:09	1
m-Xylene & p-Xylene	0.36	U	2.0	0.36	ug/L			07/14/21 18:09	1
o-Xylene	0.50	U	2.0	0.50	ug/L			07/14/21 18:09	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	103		70 - 130					07/14/21 18:09	1
Dibromofluoromethane	106		70 - 130					07/14/21 18:09	1
4-Bromofluorobenzene	100		70 - 130					07/14/21 18:09	1

**Method: 8270D - PAHs by GC/MS (SIM)**

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	1.2	U	3.7	1.2	ug/L		07/12/21 07:21	07/12/21 12:43	1
2-Methylnaphthalene	0.62	U	0.69	0.62	ug/L		07/12/21 07:21	07/12/21 12:43	1
1-Methylnaphthalene	0.59	U	0.69	0.59	ug/L		07/12/21 07:21	07/12/21 12:43	1
Acenaphthylene	0.075	U	0.46	0.075	ug/L		07/12/21 07:21	07/12/21 12:43	1
Acenaphthene	0.23	U	0.69	0.23	ug/L		07/12/21 07:21	07/12/21 12:43	1
Fluorene	0.23	U	0.69	0.23	ug/L		07/12/21 07:21	07/12/21 12:43	1
Phenanthrene	0.80	U	2.8	0.80	ug/L		07/12/21 07:21	07/12/21 12:43	1
Anthracene	0.083	U	0.46	0.083	ug/L		07/12/21 07:21	07/12/21 12:43	1
Fluoranthene	0.22	U	0.69	0.22	ug/L		07/12/21 07:21	07/12/21 12:43	1
Pyrene	0.21	U	0.46	0.21	ug/L		07/12/21 07:21	07/12/21 12:43	1
Benzo[a]anthracene	0.046	U	0.19	0.046	ug/L		07/12/21 07:21	07/12/21 12:43	1
Chrysene	0.063	U	0.46	0.063	ug/L		07/12/21 07:21	07/12/21 12:43	1
Benzo[b]fluoranthene	0.046	U	0.093	0.046	ug/L		07/12/21 07:21	07/12/21 12:43	1
Benzo[k]fluoranthene	0.077	U	0.46	0.077	ug/L		07/12/21 07:21	07/12/21 12:43	1
Benzo[a]pyrene	0.067	U	0.46	0.067	ug/L		07/12/21 07:21	07/12/21 12:43	1
Benzo[g,h,i]perylene	0.064	U	0.46	0.064	ug/L		07/12/21 07:21	07/12/21 12:43	1
Indeno[1,2,3-cd]pyrene	0.046	U	0.19	0.046	ug/L		07/12/21 07:21	07/12/21 12:43	1
Dibenz(a,h)anthracene	0.071	U	0.19	0.071	ug/L		07/12/21 07:21	07/12/21 12:43	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2-methylnaphthalene-d10	55		19 - 110				07/12/21 07:21	07/12/21 12:43	1
Fluoranthene-d10	85		35 - 140				07/12/21 07:21	07/12/21 12:43	1

**Method: FL-PRO Micro - Florida - Petroleum Range Organics (GC)**

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Petroleum Hydrocarbons (C8-C40)	240	U	1000	240	ug/L		07/12/21 07:12	07/12/21 18:44	1
Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Petroleum Hydrocarbons (C8-C40)	0.24	U	1.0	0.24	mg/L		07/12/21 07:12	07/12/21 18:44	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
o-Terphenyl	122		66 - 139				07/12/21 07:12	07/12/21 18:44	1
n-C39	96		40 - 129				07/12/21 07:12	07/12/21 18:44	1

**Method: Field Sampling - Field Sampling**

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	6.5				SU			07/08/21 12:59	1

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# Client Sample Results

Client: MDM Services  
Project/Site: Combs Oil Company

Job ID: 660-112079-1

**Client Sample ID: MW12R**

**Lab Sample ID: 660-112079-5**

Date Collected: 07/08/21 12:59

Matrix: Water

Date Received: 07/09/21 15:50

**Method: Field Sampling - Field Sampling (Continued)**

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Field Temperature	28.1				Degrees C			07/08/21 12:59	1
Specific Conductance	410				uS/cm			07/08/21 12:59	1
Oxygen, Dissolved	0.81				mg/L			07/08/21 12:59	1
Turbidity	3.15				NTU			07/08/21 12:59	1

**Client Sample ID: MW28R**

**Lab Sample ID: 660-112079-6**

Date Collected: 07/08/21 13:28

Matrix: Water

Date Received: 07/09/21 15:50

**Method: 8260B - Volatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.25	U	1.0	0.25	ug/L			07/14/21 18:29	1
Ethylbenzene	0.27	U	1.0	0.27	ug/L			07/14/21 18:29	1
Toluene	0.24	U	1.0	0.24	ug/L			07/14/21 18:29	1
Xylenes, Total	0.50	U	4.0	0.50	ug/L			07/14/21 18:29	1
Methyl tert-butyl ether	0.44	U	2.0	0.44	ug/L			07/14/21 18:29	1
m-Xylene & p-Xylene	0.36	U	2.0	0.36	ug/L			07/14/21 18:29	1
o-Xylene	0.50	U	2.0	0.50	ug/L			07/14/21 18:29	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	101		70 - 130		07/14/21 18:29	1
Dibromofluoromethane	107		70 - 130		07/14/21 18:29	1
4-Bromofluorobenzene	97		70 - 130		07/14/21 18:29	1

**Method: 8270D - PAHs by GC/MS (SIM)**

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	1.2	U	3.7	1.2	ug/L		07/12/21 07:21	07/12/21 13:03	1
2-Methylnaphthalene	0.62	U	0.69	0.62	ug/L		07/12/21 07:21	07/12/21 13:03	1
1-Methylnaphthalene	0.59	U	0.69	0.59	ug/L		07/12/21 07:21	07/12/21 13:03	1
Acenaphthylene	0.075	U	0.46	0.075	ug/L		07/12/21 07:21	07/12/21 13:03	1
Acenaphthene	0.23	U	0.69	0.23	ug/L		07/12/21 07:21	07/12/21 13:03	1
Fluorene	0.23	U	0.69	0.23	ug/L		07/12/21 07:21	07/12/21 13:03	1
Phenanthrene	0.80	U	2.8	0.80	ug/L		07/12/21 07:21	07/12/21 13:03	1
Anthracene	0.083	U	0.46	0.083	ug/L		07/12/21 07:21	07/12/21 13:03	1
Fluoranthene	0.22	U	0.69	0.22	ug/L		07/12/21 07:21	07/12/21 13:03	1
Pyrene	0.21	U	0.46	0.21	ug/L		07/12/21 07:21	07/12/21 13:03	1
Benzo[a]anthracene	0.046	U	0.19	0.046	ug/L		07/12/21 07:21	07/12/21 13:03	1
Chrysene	0.063	U	0.46	0.063	ug/L		07/12/21 07:21	07/12/21 13:03	1
Benzo[b]fluoranthene	0.046	U	0.093	0.046	ug/L		07/12/21 07:21	07/12/21 13:03	1
Benzo[k]fluoranthene	0.077	U	0.46	0.077	ug/L		07/12/21 07:21	07/12/21 13:03	1
Benzo[a]pyrene	0.067	U	0.46	0.067	ug/L		07/12/21 07:21	07/12/21 13:03	1
Benzo[g,h,i]perylene	0.064	U	0.46	0.064	ug/L		07/12/21 07:21	07/12/21 13:03	1
Indeno[1,2,3-cd]pyrene	0.046	U	0.19	0.046	ug/L		07/12/21 07:21	07/12/21 13:03	1
Dibenz(a,h)anthracene	0.071	U	0.19	0.071	ug/L		07/12/21 07:21	07/12/21 13:03	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-methylnaphthalene-d10	74		19 - 110	07/12/21 07:21	07/12/21 13:03	1
Fluoranthene-d10	78		35 - 140	07/12/21 07:21	07/12/21 13:03	1

# Client Sample Results

Client: MDM Services  
 Project/Site: Combs Oil Company

Job ID: 660-112079-1

**Client Sample ID: MW28R**

**Lab Sample ID: 660-112079-6**

Date Collected: 07/08/21 13:28

Matrix: Water

Date Received: 07/09/21 15:50

**Method: FL-PRO Micro - Florida - Petroleum Range Organics (GC)**

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Total Petroleum Hydrocarbons (C8-C40)</b>	<b>4800</b>		1000	240	ug/L		07/12/21 07:12	07/12/21 19:05	1
<b>Total Petroleum Hydrocarbons (C8-C40)</b>	<b>4.8</b>		1.0	0.24	mg/L		07/12/21 07:12	07/12/21 19:05	1
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
<i>o-Terphenyl</i>	133		66 - 139				07/12/21 07:12	07/12/21 19:05	1
<i>n-C39</i>	105		40 - 129				07/12/21 07:12	07/12/21 19:05	1

**Method: Field Sampling - Field Sampling**

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Field pH</b>	<b>6.3</b>				SU			07/08/21 13:28	1
<b>Field Temperature</b>	<b>29.2</b>				Degrees C			07/08/21 13:28	1
<b>Specific Conductance</b>	<b>240</b>				uS/cm			07/08/21 13:28	1
<b>Oxygen, Dissolved</b>	<b>0.50</b>				mg/L			07/08/21 13:28	1
<b>Turbidity</b>	<b>3.78</b>				NTU			07/08/21 13:28	1

# QC Sample Results

Client: MDM Services  
Project/Site: Combs Oil Company

Job ID: 660-112079-1

## Method: 8260B - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 660-240249/6

Matrix: Water

Analysis Batch: 240249

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB	MB	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Benzene	0.25	U	1.0	0.25	ug/L			07/12/21 14:51	1
Ethylbenzene	0.27	U	1.0	0.27	ug/L			07/12/21 14:51	1
Toluene	0.24	U	1.0	0.24	ug/L			07/12/21 14:51	1
Xylenes, Total	0.50	U	4.0	0.50	ug/L			07/12/21 14:51	1
Methyl tert-butyl ether	0.44	U	2.0	0.44	ug/L			07/12/21 14:51	1
m-Xylene & p-Xylene	0.36	U	2.0	0.36	ug/L			07/12/21 14:51	1
o-Xylene	0.50	U	2.0	0.50	ug/L			07/12/21 14:51	1

Surrogate	MB	MB	Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
Toluene-d8 (Surr)	102		70 - 130		07/12/21 14:51	1
Dibromofluoromethane	98		70 - 130		07/12/21 14:51	1
4-Bromofluorobenzene	98		70 - 130		07/12/21 14:51	1

Lab Sample ID: LCS 660-240249/4

Matrix: Water

Analysis Batch: 240249

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS	LCS	Unit	D	%Rec	%Rec. Limits
		Result	Qualifier				
Benzene	10.0	9.82		ug/L		98	66 - 131
Ethylbenzene	10.0	9.56		ug/L		96	77 - 117
Toluene	10.0	10.0		ug/L		100	71 - 119
Methyl tert-butyl ether	10.0	8.80		ug/L		88	63 - 123
m-Xylene & p-Xylene	10.0	9.31		ug/L		93	65 - 130
o-Xylene	10.0	9.56		ug/L		96	63 - 130

Surrogate	LCS	LCS	Limits
	%Recovery	Qualifier	
Toluene-d8 (Surr)	104		70 - 130
Dibromofluoromethane	100		70 - 130
4-Bromofluorobenzene	100		70 - 130

Lab Sample ID: 660-112083-C-1 MS

Matrix: Water

Analysis Batch: 240249

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Analyte	Sample	Sample	Spike Added	MS	MS	Unit	D	%Rec	%Rec. Limits
	Result	Qualifier		Result	Qualifier				
Benzene	0.25	U	10.0	9.54		ug/L		95	66 - 131
Ethylbenzene	0.27	U	10.0	9.53		ug/L		95	77 - 117
Toluene	0.24	U	10.0	9.20		ug/L		92	71 - 119
Methyl tert-butyl ether	0.44	U	10.0	9.59		ug/L		96	63 - 123
m-Xylene & p-Xylene	0.36	U	10.0	9.50		ug/L		95	65 - 130
o-Xylene	0.50	U	10.0	9.12		ug/L		91	63 - 130

Surrogate	MS	MS	Limits
	%Recovery	Qualifier	
Toluene-d8 (Surr)	101		70 - 130
Dibromofluoromethane	100		70 - 130
4-Bromofluorobenzene	98		70 - 130

# QC Sample Results

Client: MDM Services  
Project/Site: Combs Oil Company

Job ID: 660-112079-1

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Lab Sample ID: 660-112052-A-1 DU**  
**Matrix: Water**  
**Analysis Batch: 240249**

**Client Sample ID: Duplicate**  
**Prep Type: Total/NA**

Analyte	Sample	Sample	DU		Unit	D	RPD	Limit
	Result	Qualifier	Result	Qualifier				
Benzene	0.25	U	0.25	U	ug/L		NC	30
Ethylbenzene	0.27	U	0.27	U	ug/L		NC	30
Toluene	0.24	U	0.24	U	ug/L		NC	30
Xylenes, Total	0.50	U	0.50	U	ug/L		NC	30
Methyl tert-butyl ether	0.44	U	0.44	U	ug/L		NC	30
m-Xylene & p-Xylene	0.36	U	0.36	U	ug/L		NC	30
o-Xylene	0.50	U	0.50	U	ug/L		NC	30
<b>DU DU</b>								
Surrogate	%Recovery	Qualifier	Limits					
Toluene-d8 (Surr)	101		70 - 130					
Dibromofluoromethane	103		70 - 130					
4-Bromofluorobenzene	100		70 - 130					

**Lab Sample ID: MB 660-240325/6**  
**Matrix: Water**  
**Analysis Batch: 240325**

**Client Sample ID: Method Blank**  
**Prep Type: Total/NA**

Analyte	MB	MB	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Benzene	0.25	U	1.0	0.25	ug/L			07/14/21 13:36	1
Ethylbenzene	0.27	U	1.0	0.27	ug/L			07/14/21 13:36	1
Toluene	0.24	U	1.0	0.24	ug/L			07/14/21 13:36	1
Xylenes, Total	0.50	U	4.0	0.50	ug/L			07/14/21 13:36	1
Methyl tert-butyl ether	0.44	U	2.0	0.44	ug/L			07/14/21 13:36	1
m-Xylene & p-Xylene	0.36	U	2.0	0.36	ug/L			07/14/21 13:36	1
o-Xylene	0.50	U	2.0	0.50	ug/L			07/14/21 13:36	1
<b>MB MB</b>									
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac	
Toluene-d8 (Surr)	99		70 - 130				07/14/21 13:36	1	
Dibromofluoromethane	102		70 - 130				07/14/21 13:36	1	
4-Bromofluorobenzene	101		70 - 130				07/14/21 13:36	1	

**Lab Sample ID: LCS 660-240325/4**  
**Matrix: Water**  
**Analysis Batch: 240325**

**Client Sample ID: Lab Control Sample**  
**Prep Type: Total/NA**

Analyte	Spike Added	LCS		Unit	D	%Rec	%Rec. Limits
		Result	Qualifier				
Benzene	10.0	10.6		ug/L		106	66 - 131
Ethylbenzene	10.0	10.2		ug/L		102	77 - 117
Toluene	10.0	10.3		ug/L		103	71 - 119
Methyl tert-butyl ether	10.0	9.70		ug/L		97	63 - 123
m-Xylene & p-Xylene	10.0	10.3		ug/L		103	65 - 130
o-Xylene	10.0	10.4		ug/L		104	63 - 130
<b>LCS LCS</b>							
Surrogate	%Recovery	Qualifier	Limits				
Toluene-d8 (Surr)	99		70 - 130				
Dibromofluoromethane	101		70 - 130				
4-Bromofluorobenzene	101		70 - 130				

# QC Sample Results

Client: MDM Services  
Project/Site: Combs Oil Company

Job ID: 660-112079-1

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 660-112139-C-2 MS

Client Sample ID: Matrix Spike

Matrix: Water

Prep Type: Total/NA

Analysis Batch: 240325

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec.	Limits
	Result	Qualifier	Added	Result	Qualifier					
Benzene	0.25	U	10.0	10.8		ug/L		108		66 - 131
Ethylbenzene	0.27	U	10.0	11.4		ug/L		114		77 - 117
Toluene	0.24	U	10.0	10.7		ug/L		107		71 - 119
Methyl tert-butyl ether	0.44	U	10.0	9.80		ug/L		98		63 - 123
m-Xylene & p-Xylene	0.36	U	10.0	11.1		ug/L		111		65 - 130
o-Xylene	0.50	U	10.0	10.7		ug/L		107		63 - 130
<b>MS MS</b>										
Surrogate	%Recovery	Qualifier	Limits							
Toluene-d8 (Surr)	98		70 - 130							
Dibromofluoromethane	101		70 - 130							
4-Bromofluorobenzene	99		70 - 130							

Lab Sample ID: 660-112139-C-1 DU

Client Sample ID: Duplicate

Matrix: Water

Prep Type: Total/NA

Analysis Batch: 240325

Analyte	Sample	Sample	DU	DU	Unit	D	RPD	Limit
	Result	Qualifier	Result	Qualifier				
Benzene	0.25	U	0.25	U	ug/L		NC	30
Ethylbenzene	0.27	U	0.27	U	ug/L		NC	30
Toluene	0.24	U	0.24	U	ug/L		NC	30
Xylenes, Total	0.50	U	0.50	U	ug/L		NC	30
Methyl tert-butyl ether	0.44	U	0.44	U	ug/L		NC	30
m-Xylene & p-Xylene	0.36	U	0.36	U	ug/L		NC	30
o-Xylene	0.50	U	0.50	U	ug/L		NC	30
<b>DU DU</b>								
Surrogate	%Recovery	Qualifier	Limits					
Toluene-d8 (Surr)	100		70 - 130					
Dibromofluoromethane	103		70 - 130					
4-Bromofluorobenzene	97		70 - 130					

## Method: 8270D - PAHs by GC/MS (SIM)

Lab Sample ID: MB 660-240230/1-A

Client Sample ID: Method Blank

Matrix: Water

Prep Type: Total/NA

Analysis Batch: 240241

Prep Batch: 240230

Analyte	MB	MB	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Naphthalene	1.3	U	4.0	1.3	ug/L		07/12/21 07:21	07/12/21 11:04	1
2-Methylnaphthalene	0.67	U	0.75	0.67	ug/L		07/12/21 07:21	07/12/21 11:04	1
1-Methylnaphthalene	0.64	U	0.75	0.64	ug/L		07/12/21 07:21	07/12/21 11:04	1
Acenaphthylene	0.081	U	0.50	0.081	ug/L		07/12/21 07:21	07/12/21 11:04	1
Acenaphthene	0.25	U	0.75	0.25	ug/L		07/12/21 07:21	07/12/21 11:04	1
Fluorene	0.25	U	0.75	0.25	ug/L		07/12/21 07:21	07/12/21 11:04	1
Phenanthrene	0.86	U	3.0	0.86	ug/L		07/12/21 07:21	07/12/21 11:04	1
Anthracene	0.090	U	0.50	0.090	ug/L		07/12/21 07:21	07/12/21 11:04	1
Fluoranthene	0.23	U	0.75	0.23	ug/L		07/12/21 07:21	07/12/21 11:04	1
Pyrene	0.22	U	0.50	0.22	ug/L		07/12/21 07:21	07/12/21 11:04	1
Benzo[a]anthracene	0.050	U	0.20	0.050	ug/L		07/12/21 07:21	07/12/21 11:04	1

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# QC Sample Results

Client: MDM Services  
Project/Site: Combs Oil Company

Job ID: 660-112079-1

## Method: 8270D - PAHs by GC/MS (SIM) (Continued)

Lab Sample ID: MB 660-240230/1-A

Matrix: Water

Analysis Batch: 240241

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 240230

Analyte	MB	MB	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Chrysene	0.068	U	0.50	0.068	ug/L		07/12/21 07:21	07/12/21 11:04	1
Benzo[b]fluoranthene	0.050	U	0.10	0.050	ug/L		07/12/21 07:21	07/12/21 11:04	1
Benzo[k]fluoranthene	0.083	U	0.50	0.083	ug/L		07/12/21 07:21	07/12/21 11:04	1
Benzo[a]pyrene	0.073	U	0.50	0.073	ug/L		07/12/21 07:21	07/12/21 11:04	1
Benzo[g,h,i]perylene	0.070	U	0.50	0.070	ug/L		07/12/21 07:21	07/12/21 11:04	1
Indeno[1,2,3-cd]pyrene	0.050	U	0.20	0.050	ug/L		07/12/21 07:21	07/12/21 11:04	1
Dibenz(a,h)anthracene	0.077	U	0.20	0.077	ug/L		07/12/21 07:21	07/12/21 11:04	1

Surrogate	MB	MB	Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
2-methylnaphthalene-d10	56		19 - 110	07/12/21 07:21	07/12/21 11:04	1
Fluoranthene-d10	59		35 - 140	07/12/21 07:21	07/12/21 11:04	1

Lab Sample ID: LCS 660-240230/2-A

Matrix: Water

Analysis Batch: 240241

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 240230

Analyte	Spike Added	LCS	LCS	Unit	D	%Rec	%Rec. Limits
		Result	Qualifier				
Naphthalene	20.0	13.1		ug/L		66	32 - 110
2-Methylnaphthalene	20.0	12.2		ug/L		61	30 - 110
1-Methylnaphthalene	20.0	12.3		ug/L		61	31 - 110
Acenaphthylene	20.0	14.5		ug/L		73	35 - 110
Acenaphthene	20.0	13.6		ug/L		68	35 - 110
Fluorene	20.0	14.8		ug/L		74	38 - 110
Phenanthrene	20.0	13.9		ug/L		70	39 - 110
Anthracene	20.0	13.9		ug/L		69	38 - 110
Fluoranthene	20.0	12.7		ug/L		63	41 - 110
Pyrene	20.0	16.0		ug/L		80	46 - 110
Benzo[a]anthracene	20.0	16.5		ug/L		82	47 - 110
Chrysene	20.0	15.9		ug/L		79	48 - 110
Benzo[b]fluoranthene	20.0	17.5		ug/L		88	47 - 110
Benzo[k]fluoranthene	20.0	16.2		ug/L		81	44 - 110
Benzo[a]pyrene	20.0	17.5		ug/L		87	45 - 110
Benzo[g,h,i]perylene	20.0	17.2		ug/L		86	47 - 110
Indeno[1,2,3-cd]pyrene	20.0	16.1		ug/L		81	47 - 112
Dibenz(a,h)anthracene	20.0	16.4		ug/L		82	47 - 110

Surrogate	LCS	LCS	Limits
	%Recovery	Qualifier	
2-methylnaphthalene-d10	67		19 - 110
Fluoranthene-d10	68		35 - 140

Lab Sample ID: 660-112085-A-1-E MS

Matrix: Water

Analysis Batch: 240241

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 240230

Analyte	Sample	Sample	Spike Added	MS	MS	Unit	D	%Rec	%Rec. Limits
	Result	Qualifier		Result	Qualifier				
Naphthalene	1.2	U	20.0	12.5		ug/L		62	32 - 110
2-Methylnaphthalene	0.62	U	20.0	11.7		ug/L		59	30 - 110
1-Methylnaphthalene	0.59	U	20.0	11.8		ug/L		59	31 - 110

Eurofins TestAmerica, Tampa

# QC Sample Results

Client: MDM Services  
Project/Site: Combs Oil Company

Job ID: 660-112079-1

## Method: 8270D - PAHs by GC/MS (SIM) (Continued)

Lab Sample ID: 660-112085-A-1-E MS

Client Sample ID: Matrix Spike

Matrix: Water

Prep Type: Total/NA

Analysis Batch: 240241

Prep Batch: 240230

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec.	
	Result	Qualifier	Added	Result	Qualifier				Limits	
Acenaphthylene	0.075	U	20.0	13.8		ug/L		69	35 - 110	
Acenaphthene	0.23	U	20.0	13.0		ug/L		65	35 - 110	
Fluorene	0.23	U	20.0	14.1		ug/L		70	38 - 110	
Phenanthrene	0.80	U	20.0	13.5		ug/L		68	39 - 110	
Anthracene	0.083	U	20.0	13.5		ug/L		68	38 - 110	
Fluoranthene	0.22	U	20.0	12.8		ug/L		64	41 - 110	
Pyrene	0.21	U	20.0	16.2		ug/L		81	46 - 110	
Benzo[a]anthracene	0.046	U	20.0	16.7		ug/L		83	47 - 110	
Chrysene	0.063	U	20.0	16.1		ug/L		80	48 - 110	
Benzo[b]fluoranthene	0.046	U	20.0	17.8		ug/L		89	47 - 110	
Benzo[k]fluoranthene	0.077	U	20.0	16.2		ug/L		81	44 - 110	
Benzo[a]pyrene	0.067	U	20.0	17.7		ug/L		88	45 - 110	
Benzo[g,h,i]perylene	0.064	U	20.0	17.4		ug/L		87	47 - 110	
Indeno[1,2,3-cd]pyrene	0.046	U	20.0	16.4		ug/L		82	47 - 112	
Dibenz(a,h)anthracene	0.071	U	20.0	16.6		ug/L		83	47 - 110	
	<i>MS</i>	<i>MS</i>								
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>							
2-methylnaphthalene-d10	65		19 - 110							
Fluoranthene-d10	69		35 - 140							

Lab Sample ID: 660-112085-A-1-F MSD

Client Sample ID: Matrix Spike Duplicate

Matrix: Water

Prep Type: Total/NA

Analysis Batch: 240241

Prep Batch: 240230

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec.		RPD	
	Result	Qualifier	Added	Result	Qualifier				Limits	RPD	Limit	
Naphthalene	1.2	U	20.0	11.0		ug/L		55	32 - 110		13	35
2-Methylnaphthalene	0.62	U	20.0	10.3		ug/L		51	30 - 110		13	30
1-Methylnaphthalene	0.59	U	20.0	10.2		ug/L		51	31 - 110		14	25
Acenaphthylene	0.075	U	20.0	12.1		ug/L		61	35 - 110		13	25
Acenaphthene	0.23	U	20.0	11.3		ug/L		56	35 - 110		14	25
Fluorene	0.23	U	20.0	12.7		ug/L		64	38 - 110		10	25
Phenanthrene	0.80	U	20.0	13.1		ug/L		65	39 - 110		4	27
Anthracene	0.083	U	20.0	13.2		ug/L		66	38 - 110		3	24
Fluoranthene	0.22	U	20.0	13.0		ug/L		65	41 - 110		1	24
Pyrene	0.21	U	20.0	16.7		ug/L		83	46 - 110		3	21
Benzo[a]anthracene	0.046	U	20.0	17.3		ug/L		87	47 - 110		4	19
Chrysene	0.063	U	20.0	16.6		ug/L		83	48 - 110		3	20
Benzo[b]fluoranthene	0.046	U	20.0	18.5		ug/L		92	47 - 110		4	20
Benzo[k]fluoranthene	0.077	U	20.0	16.7		ug/L		84	44 - 110		3	20
Benzo[a]pyrene	0.067	U	20.0	18.3		ug/L		92	45 - 110		3	20
Benzo[g,h,i]perylene	0.064	U	20.0	18.0		ug/L		90	47 - 110		3	21
Indeno[1,2,3-cd]pyrene	0.046	U	20.0	17.2		ug/L		86	47 - 112		4	21
Dibenz(a,h)anthracene	0.071	U	20.0	17.2		ug/L		86	47 - 110		4	22
	<i>MSD</i>	<i>MSD</i>										
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>									
2-methylnaphthalene-d10	56		19 - 110									
Fluoranthene-d10	69		35 - 140									



# QC Sample Results

Client: MDM Services  
Project/Site: Combs Oil Company

Job ID: 660-112079-1

## Method: FL-PRO Micro - Florida - Petroleum Range Organics (GC)

**Lab Sample ID: MB 660-240227/2-A**  
**Matrix: Water**  
**Analysis Batch: 240244**

**Client Sample ID: Method Blank**  
**Prep Type: Total/NA**  
**Prep Batch: 240227**

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Petroleum Hydrocarbons (C8-C40)	240	U	1000	240	ug/L		07/12/21 07:12	07/12/21 16:15	1
<b>MB MB</b>									
Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Petroleum Hydrocarbons (C8-C40)	0.24	U	1.0	0.24	mg/L		07/12/21 07:12	07/12/21 16:15	1
<b>MB MB</b>									
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
<i>o</i> -Terphenyl	128		66 - 139				07/12/21 07:12	07/12/21 16:15	1
<i>n</i> -C39	93		40 - 129				07/12/21 07:12	07/12/21 16:15	1

**Lab Sample ID: LCS 660-240227/1-A**  
**Matrix: Water**  
**Analysis Batch: 240244**

**Client Sample ID: Lab Control Sample**  
**Prep Type: Total/NA**  
**Prep Batch: 240227**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Total Petroleum Hydrocarbons (C8-C40)	24300	27000		ug/L		111	65 - 119
<b>Spike LCS LCS</b>							
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits
Total Petroleum Hydrocarbons (C8-C40)	24	27.0		mg/L		111	65 - 119
<b>LCS LCS</b>							
Surrogate	%Recovery	Qualifier	Limits				
<i>o</i> -Terphenyl	128		66 - 139				
<i>n</i> -C39	100		40 - 129				

**Lab Sample ID: 660-112079-1 MS**  
**Matrix: Water**  
**Analysis Batch: 240244**

**Client Sample ID: MW5**  
**Prep Type: Total/NA**  
**Prep Batch: 240227**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Total Petroleum Hydrocarbons (C8-C40)	240	U	24200	27600		ug/L		114	65 - 123
<b>Sample Sample Spike MS MS</b>									
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits
Total Petroleum Hydrocarbons (C8-C40)	0.24	U	24	27.6		mg/L		114	65 - 123
<b>MS MS</b>									
Surrogate	%Recovery	Qualifier	Limits						
<i>o</i> -Terphenyl	138		66 - 139						
<i>n</i> -C39	115		40 - 129						

# QC Sample Results

Client: MDM Services  
 Project/Site: Combs Oil Company

Job ID: 660-112079-1

## Method: FL-PRO Micro - Florida - Petroleum Range Organics (GC) (Continued)

**Lab Sample ID: 660-112079-2 DU**  
**Matrix: Water**  
**Analysis Batch: 240244**

**Client Sample ID: MW6**  
**Prep Type: Total/NA**  
**Prep Batch: 240227**

Analyte	Sample	Sample	DU	DU	Unit	D	RPD	Limit
	Result	Qualifier	Result	Qualifier				
Total Petroleum Hydrocarbons (C8-C40)	240	U	240	U	ug/L		NC	20

Analyte	Sample	Sample	DU	DU	Unit	D	RPD	Limit
	Result	Qualifier	Result	Qualifier				
Total Petroleum Hydrocarbons (C8-C40)	0.24	U	0.24	U	mg/L		NC	20

Surrogate	DU	DU	Limits
	%Recovery	Qualifier	
<i>o</i> -Terphenyl	116		66 - 139
<i>n</i> -C39	90		40 - 129

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# QC Association Summary

Client: MDM Services  
Project/Site: Combs Oil Company

Job ID: 660-112079-1

## GC/MS VOA

### Analysis Batch: 240249

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-112079-1	MW5	Total/NA	Water	8260B	
660-112079-2	MW6	Total/NA	Water	8260B	
660-112079-3	MW7R	Total/NA	Water	8260B	
660-112079-4	MW8	Total/NA	Water	8260B	
MB 660-240249/6	Method Blank	Total/NA	Water	8260B	
LCS 660-240249/4	Lab Control Sample	Total/NA	Water	8260B	
660-112083-C-1 MS	Matrix Spike	Total/NA	Water	8260B	
660-112052-A-1 DU	Duplicate	Total/NA	Water	8260B	

### Analysis Batch: 240325

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-112079-5	MW12R	Total/NA	Water	8260B	
660-112079-6	MW28R	Total/NA	Water	8260B	
MB 660-240325/6	Method Blank	Total/NA	Water	8260B	
LCS 660-240325/4	Lab Control Sample	Total/NA	Water	8260B	
660-112139-C-2 MS	Matrix Spike	Total/NA	Water	8260B	
660-112139-C-1 DU	Duplicate	Total/NA	Water	8260B	

## GC/MS Semi VOA

### Analysis Batch: 240224

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-112079-2	MW6	Total/NA	Water	8270D	240230
660-112079-3	MW7R	Total/NA	Water	8270D	240230
660-112079-4	MW8	Total/NA	Water	8270D	240230
660-112079-5	MW12R	Total/NA	Water	8270D	240230
660-112079-6	MW28R	Total/NA	Water	8270D	240230

### Prep Batch: 240230

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-112079-1	MW5	Total/NA	Water	3510C	
660-112079-2	MW6	Total/NA	Water	3510C	
660-112079-3	MW7R	Total/NA	Water	3510C	
660-112079-4	MW8	Total/NA	Water	3510C	
660-112079-5	MW12R	Total/NA	Water	3510C	
660-112079-6	MW28R	Total/NA	Water	3510C	
MB 660-240230/1-A	Method Blank	Total/NA	Water	3510C	
LCS 660-240230/2-A	Lab Control Sample	Total/NA	Water	3510C	
660-112085-A-1-E MS	Matrix Spike	Total/NA	Water	3510C	
660-112085-A-1-F MSD	Matrix Spike Duplicate	Total/NA	Water	3510C	

### Analysis Batch: 240241

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-112079-1	MW5	Total/NA	Water	8270D	240230
MB 660-240230/1-A	Method Blank	Total/NA	Water	8270D	240230
LCS 660-240230/2-A	Lab Control Sample	Total/NA	Water	8270D	240230
660-112085-A-1-E MS	Matrix Spike	Total/NA	Water	8270D	240230
660-112085-A-1-F MSD	Matrix Spike Duplicate	Total/NA	Water	8270D	240230

# QC Association Summary

Client: MDM Services  
 Project/Site: Combs Oil Company

Job ID: 660-112079-1

## GC Semi VOA

### Prep Batch: 240227

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-112079-1	MW5	Total/NA	Water	MicroExt Prep	
660-112079-2	MW6	Total/NA	Water	MicroExt Prep	
660-112079-3	MW7R	Total/NA	Water	MicroExt Prep	
660-112079-4	MW8	Total/NA	Water	MicroExt Prep	
660-112079-5	MW12R	Total/NA	Water	MicroExt Prep	
660-112079-6	MW28R	Total/NA	Water	MicroExt Prep	
MB 660-240227/2-A	Method Blank	Total/NA	Water	MicroExt Prep	
LCS 660-240227/1-A	Lab Control Sample	Total/NA	Water	MicroExt Prep	
660-112079-1 MS	MW5	Total/NA	Water	MicroExt Prep	
660-112079-2 DU	MW6	Total/NA	Water	MicroExt Prep	

### Analysis Batch: 240244

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-112079-1	MW5	Total/NA	Water	FL-PRO Micro	240227
660-112079-2	MW6	Total/NA	Water	FL-PRO Micro	240227
660-112079-3	MW7R	Total/NA	Water	FL-PRO Micro	240227
660-112079-4	MW8	Total/NA	Water	FL-PRO Micro	240227
660-112079-5	MW12R	Total/NA	Water	FL-PRO Micro	240227
660-112079-6	MW28R	Total/NA	Water	FL-PRO Micro	240227
MB 660-240227/2-A	Method Blank	Total/NA	Water	FL-PRO Micro	240227
LCS 660-240227/1-A	Lab Control Sample	Total/NA	Water	FL-PRO Micro	240227
660-112079-1 MS	MW5	Total/NA	Water	FL-PRO Micro	240227
660-112079-2 DU	MW6	Total/NA	Water	FL-PRO Micro	240227

## Field Service / Mobile Lab

### Analysis Batch: 240278

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-112079-1	MW5	Total/NA	Water	Field Sampling	
660-112079-2	MW6	Total/NA	Water	Field Sampling	
660-112079-3	MW7R	Total/NA	Water	Field Sampling	
660-112079-4	MW8	Total/NA	Water	Field Sampling	
660-112079-5	MW12R	Total/NA	Water	Field Sampling	
660-112079-6	MW28R	Total/NA	Water	Field Sampling	

# Lab Chronicle

Client: MDM Services  
Project/Site: Combs Oil Company

Job ID: 660-112079-1

## Client Sample ID: MW5

Lab Sample ID: 660-112079-1

Date Collected: 07/08/21 11:25

Matrix: Water

Date Received: 07/09/21 15:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	240249	07/12/21 21:19	K1P	TAL TAM
Total/NA	Prep	3510C			240230	07/12/21 07:21	JP	TAL TAM
Total/NA	Analysis	8270D		1	240241	07/12/21 13:50	K1P	TAL TAM
Total/NA	Prep	MicroExt Prep			240227	07/12/21 07:12	MDS	TAL TAM
Total/NA	Analysis	FL-PRO Micro		1	240244	07/12/21 16:37	MDS	TAL TAM
Total/NA	Analysis	Field Sampling		1	240278	07/08/21 11:25	FS	TAL TAM

## Client Sample ID: MW6

Lab Sample ID: 660-112079-2

Date Collected: 07/08/21 11:56

Matrix: Water

Date Received: 07/09/21 15:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	240249	07/12/21 22:18	K1P	TAL TAM
Total/NA	Prep	3510C			240230	07/12/21 07:21	JP	TAL TAM
Total/NA	Analysis	8270D		1	240224	07/12/21 11:42	MWJ	TAL TAM
Total/NA	Prep	MicroExt Prep			240227	07/12/21 07:12	MDS	TAL TAM
Total/NA	Analysis	FL-PRO Micro		1	240244	07/12/21 17:19	MDS	TAL TAM
Total/NA	Analysis	Field Sampling		1	240278	07/08/21 11:56	FS	TAL TAM

## Client Sample ID: MW7R

Lab Sample ID: 660-112079-3

Date Collected: 07/08/21 12:24

Matrix: Water

Date Received: 07/09/21 15:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	240249	07/12/21 21:58	K1P	TAL TAM
Total/NA	Prep	3510C			240230	07/12/21 07:21	JP	TAL TAM
Total/NA	Analysis	8270D		1	240224	07/12/21 12:02	MWJ	TAL TAM
Total/NA	Prep	MicroExt Prep			240227	07/12/21 07:12	MDS	TAL TAM
Total/NA	Analysis	FL-PRO Micro		1	240244	07/12/21 18:01	MDS	TAL TAM
Total/NA	Analysis	Field Sampling		1	240278	07/08/21 12:24	FS	TAL TAM

## Client Sample ID: MW8

Lab Sample ID: 660-112079-4

Date Collected: 07/08/21 10:54

Matrix: Water

Date Received: 07/09/21 15:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	240249	07/12/21 21:39	K1P	TAL TAM
Total/NA	Prep	3510C			240230	07/12/21 07:21	JP	TAL TAM
Total/NA	Analysis	8270D		1	240224	07/12/21 12:22	MWJ	TAL TAM
Total/NA	Prep	MicroExt Prep			240227	07/12/21 07:12	MDS	TAL TAM
Total/NA	Analysis	FL-PRO Micro		1	240244	07/12/21 18:23	MDS	TAL TAM
Total/NA	Analysis	Field Sampling		1	240278	07/08/21 10:54	FS	TAL TAM

# Lab Chronicle

Client: MDM Services  
Project/Site: Combs Oil Company

Job ID: 660-112079-1

**Client Sample ID: MW12R**

**Lab Sample ID: 660-112079-5**

**Date Collected: 07/08/21 12:59**

**Matrix: Water**

**Date Received: 07/09/21 15:50**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	240325	07/14/21 18:09	K1P	TAL TAM
Total/NA	Prep	3510C			240230	07/12/21 07:21	JP	TAL TAM
Total/NA	Analysis	8270D		1	240224	07/12/21 12:43	MWJ	TAL TAM
Total/NA	Prep	MicroExt Prep			240227	07/12/21 07:12	MDS	TAL TAM
Total/NA	Analysis	FL-PRO Micro		1	240244	07/12/21 18:44	MDS	TAL TAM
Total/NA	Analysis	Field Sampling		1	240278	07/08/21 12:59	FS	TAL TAM

**Client Sample ID: MW28R**

**Lab Sample ID: 660-112079-6**

**Date Collected: 07/08/21 13:28**

**Matrix: Water**

**Date Received: 07/09/21 15:50**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	240325	07/14/21 18:29	K1P	TAL TAM
Total/NA	Prep	3510C			240230	07/12/21 07:21	JP	TAL TAM
Total/NA	Analysis	8270D		1	240224	07/12/21 13:03	MWJ	TAL TAM
Total/NA	Prep	MicroExt Prep			240227	07/12/21 07:12	MDS	TAL TAM
Total/NA	Analysis	FL-PRO Micro		1	240244	07/12/21 19:05	MDS	TAL TAM
Total/NA	Analysis	Field Sampling		1	240278	07/08/21 13:28	FS	TAL TAM

**Laboratory References:**

TAL TAM = Eurofins TestAmerica, Tampa, 6712 Benjamin Road, Suite 100, Tampa, FL 33634, TEL (813)885-7427



# Method Summary

Client: MDM Services  
Project/Site: Combs Oil Company

Job ID: 660-112079-1

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	TAL TAM
8270D	PAHs by GC/MS (SIM)	SW846	TAL TAM
FL-PRO Micro	Florida - Petroleum Range Organics (GC)	FL-DEP	TAL TAM
Field Sampling	Field Sampling	EPA	TAL TAM
3510C	Liquid-Liquid Extraction (Separatory Funnel)	SW846	TAL TAM
5030B	Purge and Trap	SW846	TAL TAM
MicroExt Prep	Microextraction	SW846	TAL TAM

**Protocol References:**

EPA = US Environmental Protection Agency

FL-DEP = State Of Florida Department Of Environmental Protection, Florida Administrative Code.

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

**Laboratory References:**

TAL TAM = Eurofins TestAmerica, Tampa, 6712 Benjamin Road, Suite 100, Tampa, FL 33634, TEL (813)885-7427



# Accreditation/Certification Summary

Client: MDM Services  
Project/Site: Combs Oil Company

Job ID: 660-112079-1

## Laboratory: Eurofins TestAmerica, Tampa

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
Florida	NELAP	E84282	06-30-22

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
Field Sampling		Water	Field pH
Field Sampling		Water	Field Temperature
Field Sampling		Water	Oxygen, Dissolved
Field Sampling		Water	Specific Conductance
Field Sampling		Water	Turbidity





Chain of Custody Record

<b>Client Information</b>		Sampler: <i>Derek Davis</i>	Lab PM: Jones, Matt	Carrier Tracking No(s):	COC No: 660-100555-32178.1																		
Client Contact: Jeff Morgan		Phone:	E-Mail: matthew.jones@eurofinset.com	State of Origin:	Page: Page 1 of 1																		
Company: MDM Services		PWSID:	<b>Analysis Requested</b>																				
Address: 1055 Kathleen Road		Due Date Requested:	<table border="1"> <tr> <td rowspan="6">Field Filtered Sample (Yes or No)</td> <td rowspan="6">Perform MS/MSD (Yes or No)</td> <td rowspan="6">TPHCWG - TPHCWG</td> <td rowspan="6">8270D_SIM - Polycyclic Aromatic Hydrocarbons</td> <td rowspan="6">8260B - BTEX-MTBE</td> <td rowspan="6">FLPRO_Micro - TRPH</td> <td rowspan="6">Total Number of Containers</td> <td rowspan="6">Preservation Codes: A - HCL B - NaOH C - Zn Acetate D - Nitric Acid E - NaHSO4 F - MeOH G - Amchlor H - Ascorbic Acid I - Ice J - DI Water K - EDTA L - EDA M - Hexane N - None O - AsNaO2 P - Na2O4S Q - Na2SO3 R - Na2S2O3 S - H2SO4 T - TSP Dodecahydrate U - Acetone V - MCAA W - pH 4-5 Z - other (specify)</td> <td rowspan="6">Other:</td> </tr> </table>			Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	TPHCWG - TPHCWG	8270D_SIM - Polycyclic Aromatic Hydrocarbons	8260B - BTEX-MTBE	FLPRO_Micro - TRPH	Total Number of Containers	Preservation Codes: A - HCL B - NaOH C - Zn Acetate D - Nitric Acid E - NaHSO4 F - MeOH G - Amchlor H - Ascorbic Acid I - Ice J - DI Water K - EDTA L - EDA M - Hexane N - None O - AsNaO2 P - Na2O4S Q - Na2SO3 R - Na2S2O3 S - H2SO4 T - TSP Dodecahydrate U - Acetone V - MCAA W - pH 4-5 Z - other (specify)	Other:									
Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	TPHCWG - TPHCWG													8270D_SIM - Polycyclic Aromatic Hydrocarbons	8260B - BTEX-MTBE	FLPRO_Micro - TRPH	Total Number of Containers	Preservation Codes: A - HCL B - NaOH C - Zn Acetate D - Nitric Acid E - NaHSO4 F - MeOH G - Amchlor H - Ascorbic Acid I - Ice J - DI Water K - EDTA L - EDA M - Hexane N - None O - AsNaO2 P - Na2O4S Q - Na2SO3 R - Na2S2O3 S - H2SO4 T - TSP Dodecahydrate U - Acetone V - MCAA W - pH 4-5 Z - other (specify)	Other:			
																					City: Lakeland		TAT Requested (days):
																					State, Zip: FL, 33805		Compliance Project: <input type="checkbox"/> Yes <input type="checkbox"/> No
																					Phone:		PO #: B8C14B
																					Email: jeff.morgan@mdmservices.com		WO #: <i>20815</i>
			Project Name: Combs Oil Company		Project #: 66016498																		
Site:		SOW#:																					
<b>Sample Identification</b>		Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	TPHCWG - TPHCWG	8270D_SIM - Polycyclic Aromatic Hydrocarbons	8260B - BTEX-MTBE	FLPRO_Micro - TRPH	Total Number of Containers	Preservation Codes:	Other:									
		Special Instructions/Note:																					
<i>MW 5</i>		<i>7/8/21</i>	<i>11:25</i>	<i>G</i>	<i>W</i>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>												
<i>MW 6</i>		<i>7/8/21</i>	<i>11:50</i>	<i>G</i>	<i>W</i>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>												
<i>MW 7R</i>		<i>7/8/21</i>	<i>12:24</i>	<i>G</i>	<i>W</i>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>												
<i>MW 8</i>		<i>7/8/21</i>	<i>10:54</i>	<i>G</i>	<i>W</i>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>												
<i>MW 12R</i>		<i>7/8/21</i>	<i>12:54</i>	<i>G</i>	<i>W</i>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>												
<i>MW 25R</i>		<i>7/8/21</i>	<i>13:24</i>	<i>G</i>	<i>W</i>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>												
													Loc: 660										
													112079										
													660-112079 Chain of Custody										
<b>Possible Hazard Identification</b>													<b>Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)</b>										
<input type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input type="checkbox"/> Unknown <input type="checkbox"/> Radiological													<input type="checkbox"/> Return To Client <input type="checkbox"/> Disposal By Lab <input type="checkbox"/> Archive For _____ Months										
Deliverable Requested: I, II, III, IV, Other (specify)													Special Instructions/QC Requirements:										
Empty Kit Relinquished by: <i>[Signature]</i>			Date: <i>JUL 06 2021</i>	Time: <i>8:12</i>	Method of Shipment: <i>Carrier</i>																		
Relinquished by: <i>[Signature]</i>			Date/Time:	Company:	Received by: <i>[Signature]</i>			Date/Time: <i>7/9/21 15:50</i>	Company: <i>ETA</i>														
Relinquished by:			Date/Time:	Company:	Received by:			Date/Time:	Company:														
Relinquished by:			Date/Time:	Company:	Received by:			Date/Time:	Company:														
Custody Seals Intact: <input type="checkbox"/> Yes <input type="checkbox"/> No			Custody Seal No.:			Cooler Temperature(s) °C and Other Remarks: <i>2.8/2.6</i>			CU-09														

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7/16/2021



# Eurofins TestAmerica, Tampa

6712 Benjamin Road Suite 100  
 Tampa, FL 33634  
 Phone: 813-885-7427 Fax: 813-885-7049

## Chain of Custody Record



Environment Testing  
 America

Client Information (Sub Contract Lab)		Sampler:		Lab PM:		Carrier Tracking No(s):		COC No:			
Client Contact: Shipping/Receiving		Phone:		Jones, Matt		State of Origin: Florida		660-130782.1			
Company: TestAmerica Laboratories, Inc.		Due Date Requested: 7/18/2021		Accreditations Required (See note): NELAP - Florida		Job #: 660-112079-1		Page 1 of 1			
Address: 3355 McLeMure Drive, City: Pensacola		TAT Requested (days):		<b>Analysis Requested</b>						Preservation Codes: A - HCL                      M - Hexane B - NaOH                    N - None C - Zn Acetate              O - AsNaO2 D - Nitric Acid              P - Na2O4S E - NaHSO4                 Q - Na2SO3 F - MeOH                    R - Na2S2O3 G - Amchlor                S - H2SO4 H - Ascorbic Acid         T - TSP Dodecahydrate I - Ice                         U - Acetone J - DI Water                V - MCAA K - EDTA                    W - pH 4-5 L - EDA                      Z - other (specify)	
State, Zip: FL, 32514		PO #:									
Phone: 850-474-1001(Tel) 850-478-2671(Fax)		WO #:		Field Filtered Sample (Yes or No)		Perform MS/MSD (Yes or No)		Total Number of Containers			
Email:		Project #: 66016498		TPHCWG/TPHCWG_W_Prep TPHCWG (Hold)							
Project Name: Combs Oil Company		SSOW#:									
Site:											
Sample Identification - Client ID (Lab ID)		Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Preservation Code:		Special Instructions/Note:			
MW5 (660-112079-1)		7/8/21	11:25 Eastern		Water	X					
MW6 (660-112079-2)		7/8/21	11:56 Eastern		Water	X					
MW7R (660-112079-3)		7/8/21	12:24 Eastern		Water	X					
MW8 (660-112079-4)		7/8/21	10:54 Eastern		Water	X					
MW12R (660-112079-5)		7/8/21	12:59 Eastern		Water	X					
MW28R (660-112079-6)		7/8/21	13:28 Eastern		Water	X					

Note: Since laboratory accreditations are subject to change, Eurofins TestAmerica places the ownership of method, analyte & accreditation compliance upon subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins TestAmerica laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins TestAmerica attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins TestAmerica.

**Possible Hazard Identification**

Unconfirmed  
 Deliverable Requested: I, II, III, IV, Other (specify) \_\_\_\_\_ Primary Deliverable Rank: 2

**Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)**  
 Return To Client     Disposal By Lab     Archive For \_\_\_\_\_ Months

Special Instructions/QC Requirements: \_\_\_\_\_

Empty Kit Relinquished by: \_\_\_\_\_ Date: \_\_\_\_\_ Time: \_\_\_\_\_ Method of Shipment: \_\_\_\_\_

Relinquished by: [Signature]	Date/Time: 7/12/21 (7:00)	Company: [Signature]	Received by: Branchwhite	Date/Time: 7/13/21 9:39	Company:
Relinquished by:	Date/Time:	Company:	Received by:	Date/Time:	Company:
Relinquished by:	Date/Time:	Company:	Received by:	Date/Time:	Company:

Custody Seals Intact:  Yes  No    Custody Seal No.: \_\_\_\_\_

Cooler Temperature(s) °C and Other Remarks: 5.2°C U79

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Well No.	Facility ID	Facility Name		Results	
MW5		Combo Oil	pH	6.4	SU
			Temperature, Water	30.5	Deg C
			Specific Conductance	0.40	ms/cm
			Dissolved Oxygen	1.00	mg/l
			Turbidity	8.77	NTU
MW6			pH	6.4	SU
			Temperature, Water	30.0	Deg C
			Specific Conductance	0.49	ms/cm
			Dissolved Oxygen	1.24	mg/l
			Turbidity	5.05	NTU
MW7E			pH	6.5	SU
			Temperature, Water	30.2	Deg C
			Specific Conductance	0.44	ms/cm
			Dissolved Oxygen	0.78	mg/l
			Turbidity	17.28	NTU
MW8			pH	6.3	SU
			Temperature, Water	29.6	Deg C
			Specific Conductance	0.45	ms/cm
			Dissolved Oxygen	1.41	mg/l
			Turbidity	6.78	NTU
MW12A			pH	6.5	SU
			Temperature, Water	28.1	Deg C
			Specific Conductance	0.41	ms/cm
			Dissolved Oxygen	0.51	mg/l
			Turbidity	3.15	NTU
MW12B			pH	6.3	SU
			Temperature, Water	29.2	Deg C
			Specific Conductance	0.24	ms/cm
			Dissolved Oxygen	0.50	mg/l
			Turbidity	3.75	NTU
					SU
					Deg C
					mg/l
					ms/cm
					mg/l
					NTU
					SU
					Deg C
					ms/cm
					mg/l
					NTU
					SU
					Deg C
					ms/cm
					mg/l
					NTU



660-112079 Field Sheet



660-112079 Field

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14
- 15

## Login Sample Receipt Checklist

Client: MDM Services

Job Number: 660-112079-1

**Login Number: 112079**

**List Source: Eurofins TestAmerica, Tampa**

**List Number: 1**

**Creator: Ratchford, Hunter**

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.	True	
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	
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 (excluding tests with immediate HTs)	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	



DEP Form FD 9000-24: GROUNDWATER SAMPLING LOG

SITE NAME: <b>Combs Oil</b>	SITE LOCATION: <b>525 E Main St, Immokalee, FL</b>
WELL NO: <b>MW-5</b>	SAMPLE ID: <b>MW-5</b> DATE: <b>7/8/12</b>

**PURGING DATA**

WELL DIAMETER (inches): <b>4</b>	TUBING DIAMETER (inches): <b>0.25</b>	WELL SCREEN INTERVAL DEPTH: <b>1.5 feet to 11 feet</b>	STATIC DEPTH TO WATER (feet): <b>6.57</b>	PURGE PUMP TYPE OR BAILER: <b>PP</b>							
WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH - STATIC DEPTH TO WATER) X WELL CAPACITY (only fill out if applicable) = ( <b>11</b> feet - <b>6.52</b> feet ) X <b>0.65</b> gallons/foot = <b>2.91</b> 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): <b>8.5</b>	FINAL PUMP OR TUBING DEPTH IN WELL (feet): <b>8.5</b>	PURGING INITIATED AT: <b>11:07</b>	PURGING ENDED AT: <b>11:25</b>	TOTAL VOLUME PURGED (gallons): <b>4.50</b>							
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 mS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
11:19	2.00	2.00	.25	6.65	6.4	30.5	0.40	1.10	10.02	Clear	none
11:22	.75	3.75	.25	6.65	6.4	30.5	0.40	1.09	9.46	-	-
11:25	.75	4.50	.25	6.65	6.4	30.5	0.40	1.06	8.77	-	-
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: <b>Derek Davis/MDM Services</b>				SAMPLER(S) SIGNATURE(S):				SAMPLING INITIATED AT: <b>11:25</b>		SAMPLING ENDED AT: <b>11:31</b>	
PUMP OR TUBING DEPTH IN WELL (feet): <b>8.5</b>				TUBING MATERIAL CODE: <b>HDPE</b>				FIELD-FILTERED: <b>Y</b> <b>N</b>		FILTER SIZE: _____ μm	
FIELD DECONTAMINATION: PUMP <b>Y</b> <b>N</b>				TUBING <b>Y</b> <b>N</b> (replaced)				DUPLICATE: <b>Y</b> <b>N</b>			
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-5	3	CG	40mL	HCL			BTEX/MTBE		APP	300	
MW-5	1	AG	250mL	NaThio			PAH		APP	300	
MW-5	1	AG	250mL	H2SO4			TRPH		APP	300	
MW-5	3	CG	40mL	HCL			VPH		APP	300	
MW-5	1	AG	1000mL	Ice			EPH		APP	300	
REMARKS: <b>ORP = -068</b>											
MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; HDPE = High Density Polyethylene; LDPE = Low Density Polyethylene; 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: <b>Combs Oil</b>	SITE LOCATION: <b>525 E Main St, Immokalee, FL</b>
WELL NO: <b>MW-6</b>	SAMPLE ID: <b>MW-6</b>
DATE: <b>7/8/21</b>	

**PURGING DATA**

WELL DIAMETER (inches): <b>4</b>	TUBING DIAMETER (inches): <b>0.25</b>	WELL SCREEN INTERVAL DEPTH: <b>1.5 feet to 11 feet</b>	STATIC DEPTH TO WATER (feet): <b>6.36</b>	PURGE PUMP TYPE OR BAILER: <b>PP</b>
WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH - STATIC DEPTH TO WATER) X WELL CAPACITY (only fill out if applicable) = ( <b>11</b> feet - <b>6.36</b> feet ) X <b>0.65</b> gallons/foot = <b>3.01</b> 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): <b>8.0</b>	FINAL PUMP OR TUBING DEPTH IN WELL (feet): <b>8.0</b>	PURGING INITIATED AT: <b>11:37</b>	PURGING ENDED AT: <b>11:56</b>	TOTAL VOLUME PURGED (gallons): <b>4.75</b>

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 (MS/cm)	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
11:50	3.25	3.25	.25	6.45	6.4	30.0	0.49	1.29	6.72	Clear	none
11:53	.25	4.00	.25	6.49	6.4	30.0	0.49	1.28	5.86	—	—
11:56	.25	4.25	.25	6.49	6.4	30.0	0.49	1.24	5.05	—	—

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: <b>Derek Davis/MDM Services</b>	SAMPLER(S) SIGNATURE(S): 	SAMPLING INITIATED AT: <b>11:56</b>	SAMPLING ENDED AT: <b>12:02</b>
PUMP OR TUBING DEPTH IN WELL (feet): <b>8.0</b>	TUBING MATERIAL CODE: <b>HDPE</b>	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			
MW-6	3	CG	40mL	HCL			BTEX/MTBE	APP	300
MW-6	1	AG	250mL	NaThio			PAH	APP	300
MW-6	1	AG	250mL	H2SO4			TRPH	APP	300
MW-6	3	CG	40mL	HCL			VPH	APP	300
MW-6	1	AG	1000mL	Ice			EPH	APP	300

REMARKS:  
**ORP = -0.80**

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; HDPE = High Density Polyethylene; LDPE = Low Density Polyethylene; 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: <b>Combs Oil</b>	SITE LOCATION: <b>525 E Main St, Immokalee, FL</b>
WELL NO: <b>MW-7R</b>	SAMPLE ID: <b>MW-7R</b>
DATE: <b>7/1/21</b>	

**PURGING DATA**

WELL DIAMETER (inches): <b>2</b>	TUBING DIAMETER (inches): <b>0.25</b>	WELL SCREEN INTERVAL DEPTH: <b>2</b> feet to <b>12</b> feet	STATIC DEPTH TO WATER (feet): <b>6.70</b>	PURGE PUMP TYPE OR BAILER: <b>PP</b>
WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH - STATIC DEPTH TO WATER) X WELL CAPACITY (only fill out if applicable)				
= ( <b>12</b> feet - <b>6.70</b> feet ) X <b>0.16</b> gallons/foot = <b>84</b> gallons				
EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME (only fill out if applicable)				
= <b>8.5</b> gallons + ( <b>8.5</b> gallons/foot X <b>12</b> feet ) + <b>0</b> gallons = <b>150</b> gallons				
INITIAL PUMP OR TUBING DEPTH IN WELL (feet): <b>8.5</b>		FINAL PUMP OR TUBING DEPTH IN WELL (feet): <b>8.5</b>		PURGING INITIATED AT: <b>12:09</b>
				PURGING ENDED AT: <b>12:24</b>
				TOTAL VOLUME PURGED (gallons): <b>150</b>

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 mS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
<b>12:18</b>	<b>-90</b>	<b>90</b>	<b>10</b>	<b>6.81</b>	<b>6.5</b>	<b>30.2</b>	<b>0.46</b>	<b>0.81</b>	<b>18.45</b>	<b>Clear</b>	<b>none</b>
<b>12:21</b>	<b>-30</b>	<b>1.20</b>	<b>10</b>	<b>6.81</b>	<b>6.5</b>	<b>30.2</b>	<b>0.46</b>	<b>0.79</b>	<b>17.96</b>	<b>-</b>	<b>-</b>
<b>12:24</b>	<b>-30</b>	<b>1.50</b>	<b>10</b>	<b>6.81</b>	<b>6.5</b>	<b>30.2</b>	<b>0.46</b>	<b>0.78</b>	<b>17.25</b>	<b>-</b>	<b>-</b>

**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: <b>Derek Davis/MDM Services</b>	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT: <b>12:24</b>	SAMPLING ENDED AT: <b>12:30</b>
PUMP OR TUBING DEPTH IN WELL (feet): <b>8.5</b>	TUBING MATERIAL CODE: <b>HDPE</b>	FIELD-FILTERED: Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	FILTER SIZE: _____ μm
FIELD DECONTAMINATION: PUMP Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	TUBING Y <input type="checkbox"/> N (replaced) <input checked="" type="checkbox"/>	DUPLICATE: Y <input type="checkbox"/> N <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			
MW-7R	3	CG	40mL	HCL			BTEX/MTBE	APP	<b>300</b>
MW-7R	1	AG	250mL	NaThio			PAH	APP	<b>300</b>
MW-7R	1	AG	250mL	H2SO4			TRPH	APP	<b>300</b>
MW-7R	3	CG	40mL	HCL			VPH	APP	<b>300</b>
MW-7R	1	AG	1000mL	Ice			EPH	APP	<b>300</b>

**REMARKS:**  
**ORP = -079**

**MATERIAL CODES:** AG = Amber Glass; CG = Clear Glass; HDPE = High Density Polyethylene; LDPE = Low Density Polyethylene; 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; 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: <b>Combs Oil</b>	SITE LOCATION: <b>525 E Main St, Immokalee, FL</b>
WELL NO: <b>MW-8</b>	SAMPLE ID: <b>MW-8</b>
DATE: <b>7/8/21</b>	

**PURGING DATA**

WELL DIAMETER (inches): <b>4</b>	TUBING DIAMETER (inches): <b>0.25</b>	WELL SCREEN INTERVAL DEPTH: <b>1.5 feet to 11 feet</b>	STATIC DEPTH TO WATER (feet): <b>6.30</b>	PURGE PUMP TYPE OR BAILER: <b>PP</b>
WELL VOLUME PURGE: <b>1</b> WELL VOLUME = (TOTAL WELL DEPTH - STATIC DEPTH TO WATER) X WELL CAPACITY (only fill out if applicable)				
= ( <b>11</b> feet - <b>6.30</b> feet ) X <b>0.65</b> gallons/foot = <b>3.05</b> gallons				
EQUIPMENT VOLUME PURGE: <b>1</b> EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME (only fill out if applicable)				
= <b>3.05</b> gallons + ( <b>11</b> gallons/foot X <b>6.30</b> feet ) + <b>0</b> gallons = <b>73.55</b> gallons				
INITIAL PUMP OR TUBING DEPTH IN WELL (feet): <b>8.0</b>		FINAL PUMP OR TUBING DEPTH IN WELL (feet): <b>8.0</b>		PURGING INITIATED AT: <b>10:35</b>
				PURGING ENDED AT: <b>10:54</b>
TOTAL VOLUME PURGED (gallons): <b>4.75</b>				

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 mS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
10:48	3.75	3.75	.25	6.44	6.3	29.6	5.45	1.45	7.64	Clear	None
10:51	.75	4.00	.25	6.44	6.3	29.6	6.45	1.42	7.11	-	-
10:54	.75	4.75	.25	6.44	6.3	29.4	6.45	1.41	6.48	-	-

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: <b>Derek Davis/MDM Services</b>		SAMPLER(S) SIGNATURE(S):		SAMPLING INITIATED AT: <b>10:54</b>	SAMPLING ENDED AT: <b>11:00</b>				
PUMP OR TUBING DEPTH IN WELL (feet): <b>8.0</b>		TUBING MATERIAL CODE: <b>HDPE</b>		FIELD-FILTERED: <b>Y</b> <input type="checkbox"/> <b>N</b> <input checked="" type="checkbox"/>	FILTER SIZE: _____ μm				
FIELD DECONTAMINATION: PUMP <b>Y</b> <input type="checkbox"/> <b>N</b> <input checked="" type="checkbox"/>		TUBING <b>Y</b> <input type="checkbox"/> <b>N</b> (replaced) <input checked="" type="checkbox"/>		DUPLICATE: <b>Y</b> <input type="checkbox"/> <b>N</b> <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			
MW-8	3	CG	40mL	HCL			BTEX/MTBE	APP	300
MW-8	1	AG	250mL	NaThio			PAH	APP	200
MW-8	1	AG	250mL	H2SO4			TRPH	APP	200
MW-8	3	CG	40mL	HCL			VPH	APP	200
MW-8	1	AG	1000mL	Ice			EPH	APP	200
REMARKS: ORP = <b>7071</b>									
MATERIAL CODES: <b>AG</b> = Amber Glass; <b>CG</b> = Clear Glass; <b>HDPE</b> = High Density Polyethylene; <b>LDPE</b> = Low Density Polyethylene; <b>PP</b> = Polypropylene; <b>S</b> = Silicone; <b>T</b> = Teflon; <b>O</b> = Other (Specify)									
SAMPLING EQUIPMENT CODES: <b>APP</b> = After (Through) Peristaltic Pump; <b>B</b> = Bailer; <b>BP</b> = Bladder Pump; <b>ESP</b> = Electric Submersible Pump; <b>RFPP</b> = Reverse Flow Peristaltic Pump; <b>SM</b> = Straw Method (Tubing Gravity Drain); <b>O</b> = 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: <b>Combs Oil</b>	SITE LOCATION: <b>525 E Main St, Immokalee, FL</b>
WELL NO: <b>MW-12R</b>	SAMPLE ID: <b>MW-12R</b>
DATE: <b>7/8/21</b>	

### PURGING DATA

WELL DIAMETER (inches): <b>2</b>	TUBING DIAMETER (inches): <b>0.25</b>	WELL SCREEN INTERVAL DEPTH: <b>2 feet to 12 feet</b>	STATIC DEPTH TO WATER (feet): <b>6.27</b>	PURGE PUMP TYPE OR BAILER: <b>PP</b>
WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH - STATIC DEPTH TO WATER) X WELL CAPACITY (only fill out if applicable)				
= ( <b>12</b> feet - <b>6.27</b> feet ) X <b>0.16</b> gallons/foot = <b>3.72</b> 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): <b>8.0</b>	FINAL PUMP OR TUBING DEPTH IN WELL (feet): <b>8.0</b>	PURGING INITIATED AT: <b>12:30</b>	PURGING ENDED AT: <b>12:59</b>	TOTAL VOLUME PURGED (gallons): <b>5.71</b>

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 RESISTIVITY	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
12:53	3.75	3.75	.25	6.40	6.5	28.1	0.41	0.84	4.66	CUA	none
12:06	.75	4.50	.25	6.40	6.5	28.1	0.41	0.83	4.01	-	-
12:59	.25	5.25	.25	6.40	6.5	28.1	0.41	0.81	3.15	-	-

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" = 0.0008; 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: <b>Derek Davis/MDM Services</b>	SAMPLER(S) SIGNATURE(S): 	SAMPLING INITIATED AT: <b>12:59</b>	SAMPLING ENDED AT: <b>1:05</b>
PUMP OR TUBING DEPTH IN WELL (feet): <b>8.0</b>	TUBING MATERIAL CODE: <b>HDPE</b>	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 type="checkbox"/> N <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			
MW-12R	3	CG	40mL	HCL			BTEX/MTBE	APP	200
MW-12R	1	AG	250mL	NaThio			PAH	APP	200
MW-12R	1	AG	250mL	H2SO4			TRPH	APP	200
MW-12R	3	CG	40mL	HCL			VPH	APP	200
MW-12R	1	AG	1000mL	Ice			EPH	APP	200

REMARKS:  
**ORP = -0.75**

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; HDPE = High Density Polyethylene; LDPE = Low Density Polyethylene; 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: <b>Combs Oil</b>		SITE LOCATION: <b>525 E Main St, Immokalee, FL</b>	
WELL NO: <b>MW-28R</b>		SAMPLE ID: <b>MW-28R</b>	
		DATE: <b>7/1/21</b>	

**PURGING DATA**

WELL DIAMETER (inches): <b>2</b>	TUBING DIAMETER (inches): <b>0.25</b>	WELL SCREEN INTERVAL DEPTH: <b>2 feet to 12 feet</b>	STATIC DEPTH TO WATER (feet): <b>6.64</b>	PURGE PUMP TYPE OR BAILER: <b>PP</b>
WELL VOLUME PURGE: <b>1</b> WELL VOLUME = (TOTAL WELL DEPTH - STATIC DEPTH TO WATER) X WELL CAPACITY (only fill out if applicable) = ( <b>12</b> feet - <b>6.64</b> feet) X <b>0.16</b> gallons/foot = <b>0.85</b> gallons				

EQUIPMENT VOLUME PURGE: <b>1</b> EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME (only fill out if applicable) = <b>0.85</b> gallons + ( <b>0.85</b> gallons/foot X <b>12</b> feet ) + <b>0</b> gallons = <b>10.25</b> gallons				
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INITIAL PUMP OR TUBING DEPTH IN WELL (feet): <b>8.5</b>	FINAL PUMP OR TUBING DEPTH IN WELL (feet): <b>8.5</b>	PURGING INITIATED AT: <b>13:13</b>	PURGING ENDED AT: <b>13:22</b>	TOTAL VOLUME PURGED (gallons): <b>1.50</b>
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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	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
13:22	0.90	0.90	1.0	6.74	6.3	29.2	0.24	0.53	5.29	Clear	None
13:25	0.30	1.20	1.0	6.74	6.3	29.2	0.24	0.52	4.60	-	-
13:28	0.30	1.50	1.0	6.28	6.3	29.2	0.24	0.56	3.78	-	-

**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: <b>Derek Davis/MDM Services</b>		SAMPLER(S) SIGNATURE(S): 	SAMPLING INITIATED AT: <b>13:28</b>	SAMPLING ENDED AT: <b>13:34</b>
PUMP OR TUBING DEPTH IN WELL (feet):		TUBING MATERIAL CODE: <b>HDPE</b>	FIELD-FILTERED: Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	FILTER SIZE: _____ μm
FIELD DECONTAMINATION: PUMP Y <input type="checkbox"/> N <input checked="" type="checkbox"/>		TUBING Y <input type="checkbox"/> N (replaced) <input checked="" type="checkbox"/>	DUPLICATE: Y <input type="checkbox"/> N <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			
MW-28R	3	CG	40mL	HCL			BTEX/MTBE	APP	300
MW-28R	1	AG	250mL	NaThio			PAH	APP	300
MW-28R	1	AG	250mL	H2SO4			TRPH	APP	300
MW-28R	3	CG	40mL	HCL			VPH	APP	300
MW-28R	1	AG	1000mL	Ice			EPH	APP	300

REMARKS:  
**ORP = -071**

**MATERIAL CODES:** AG = Amber Glass; CG = Clear Glass; HDPE = High Density Polyethylene; LDPE = Low Density Polyethylene; 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; 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)

Form FD 9000-8: FIELD INSTRUMENT CALIBRATION RECORDS

INSTRUMENT (MAKE/MODEL#) YSI 550/Sper TU-2016/Hanna INSTRUMENT # 3/3/3

PARAMETER:

- TEMPERATURE     CONDUCTIVITY     SALINITY     pH     ORP  
 TURBIDITY     RESIDUAL C<sub>l</sub>     DO     OTHER \_\_\_\_\_

STANDARDS: [Specify the type(s) of standards used for calibration, the origin of the standards, the standard values, and the date the standards were prepared or purchased]

Standard A turbidity-100 exp : conductivity-1 413 exp pH-7.00 exp DO-100%-DI water

Standard B turbidity-10.0 exp : conductivity-447 exp pH-4.00 exp

Standard C \_\_\_\_\_

DATE (mm/dd/yy)	TIME (hr:min)	STD (A B C)	STD VALUE	INSTRUMENT RESPONSE	% DEV	CALIBRATED (YES NO)	TYPE (INIT CONT)	SAMPLER INITIALS
7/8/21	10:15	A/B	100/10.0 turbidity	100/10.0	0%	Y		[Signature]
7/8/21	10:20	A/B	413/447 Conduct	1413/447	0%	Y		[Signature]
7/8/21	10:25	A/B	7.0/4.0 pH	7.0/4.0	0%	Y		[Signature]
7/8/21	10:30	A	100% DO	100	0	Y		[Signature]
7/8/21	12:40	A/B	100/10.0 turbidity	100/10.0	0%	Y		[Signature]
7/8/21	12:45	A/B	413/447 Conduct	1413/447	0%	Y		[Signature]
7/8/21	12:50	A/B	7.0/4.0 pH	7.0/4.0	0%	Y		[Signature]
7/8/21	12:55	A	100% DO	100	0	Y		[Signature]

Location 525 E Main St, EmmetreeDate 7/8/11Project / Client Centos Oil

2015

FAC 11839176

7:00 - Derek Davis left Lakeland MDR office in MDW  
 Nissan NV 200 van EN route to site. Steamer. Site - Sample  
 (6) MWS weather warm sunny.

10:00 - Arrive at site. Took wet lands MWS 6-52  
 MW 6 636 MW 7L 670 MW 8 630 MW 12L 627  
 MW 28L 648.

10:15 - Checked CAL of meters. see cal log.

10:35 - Began purging MW 8 see sample log.

10:54 - Sampled MW 8.

11:07 Began purging MW 5 see sample log.

11:25 - Sampled MW 5.

11:37 - Began purging MW 6 see sample log.

11:56 - Sampled MW 6.

12:09 - Began purging MW 7L see sample log.

12:24 - Sampled MW 7L.

12:38 - Began purging MW 12L see sample log.

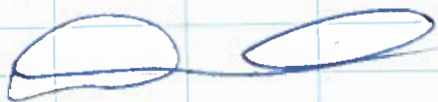
12:54 - Sampled MW 12L.

13:13 - Began purging MW 28L see sample log.

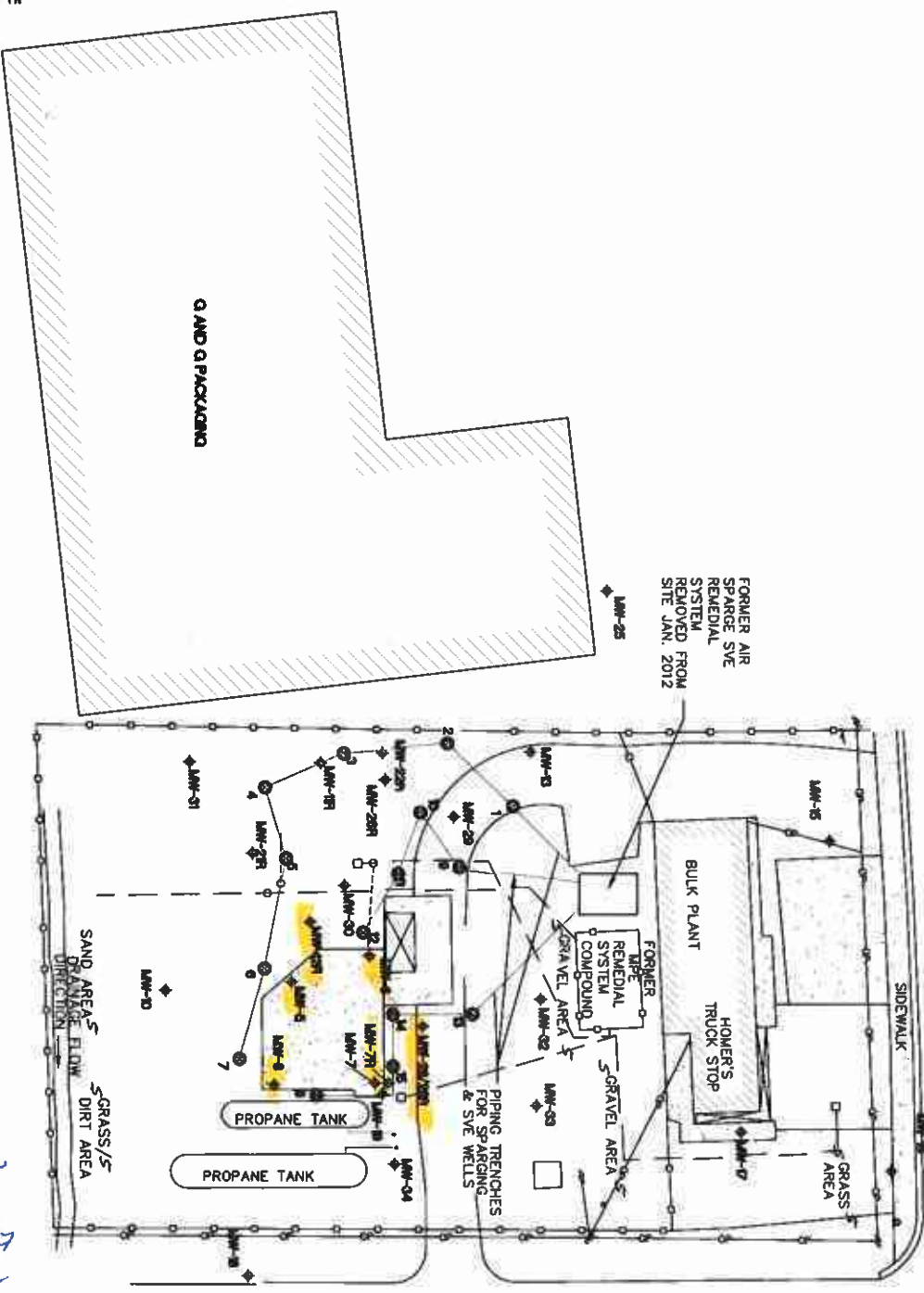
13:28 - Sampled MW 28L.

13:40 - Checked CAL of meters see cal log.

14:05 - all samples packed on ice off site. EN back  
 to Lakeland MDR office. >100 miles.



- LEGEND**
- - MONITORING WELL
  - - AWAY LOCATION OF AIR SPARGING + SVE WELL (IS TOTAL)
  - - SVE RECOVERY WELL
  - - DOT IN AREA OF ADJACENT SOILS



EAST MAIN STREET

11TH STREET EAST

MW56 6.22  
 MW6 6.36  
 MW7K 6.70  
 MW8 6.30  
 MW12 6.27  
 MW2R 6.04

PLANS PREPARED BY:

**MDM**

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 E.B. #4887 Ph. (863) 646-9130

MDM JOB NO.  
20815

SHEET NO. 1

SCALE: AS NOTED	REV. DATE: 4/23/18
DRAWN BY: BOB	PROPOSED GRAB BY:
CHECKED BY: S.S. #	
APPROVED BY:	

PLANS PREPARED FOR

**COMBS OIL BULK PLANT**

525 AND 527 E. MAIN ST.  
 INVOKALEE, FLORIDA

**SITE PLAN WITH MONITORING WELL LOCATIONS**





engineering • environmental • construction

1055 Kathleen Road, Lakeland, FL 33805. Tel (863)646-9130 Fax (863)648-1106 [www.mdmservices.com](http://www.mdmservices.com)

July 10, 2017

Mr. Josh Tarver, Project Manager  
Florida Department of Environmental Protection  
Petroleum Restoration Program  
2600 Blair Stone Rd  
Tallahassee, Florida 32399-2400

Re: **Post Active Remediation Monitoring Report (Annual) – Task 5**  
Combs Oil Bulk Plant  
525 East Main Street  
Immokalee (Collier County), Florida  
FDEP Facility #118839176  
FDEP P.O. #ADDECB

Dear Mr. Tarver,

This correspondence and accompanying appendices serves as the Annual Post Active Remediation Monitoring (PARM) Report for the above referenced site, performed in accordance with FDEP Purchase Order No. ADDECB, Task 5. The appendices are compiled as follows:

**Appendix A**

Figure 1: Constituent Concentrations in the Groundwater  
Figure 2: Water Table Elevation (June 2017)

**Appendix B**

Table 1a Groundwater Monitoring Well Analytical Summary – VOCs & Metals  
Table 1b Groundwater Monitoring Well Analytical Summary – PAHs & TRPHs  
Table 1c Groundwater Monitoring Well Analytical Summary – Natural Attenuation (NA) Parameters  
Table 2 Groundwater Elevation Summary  
Time vs. Concentration Plots (MWs 5, 6, 7, 8 & 28)

**Appendix C**

Laboratory Analytical Results, Chain of Custody, Groundwater Sampling Logs, Equipment Calibration Record, Field Notes (June 2017 sampling event)

Site conditions as determined from the semi-annual groundwater sampling events of designated monitoring wells as conducted from December 2015 through June 2017 are discussed in the following Sections.

### Groundwater Sampling

In accordance with Tasks 2 through 5, respectively, of FDEP Purchase Order No. ADDECB, on December 23, 2015, June 16, 2016, December 21, 2016, and June 19, 2017, groundwater samples were obtained from the following monitoring wells for the laboratory analyses indicated:

MW5 (BTEX/MTBE)

MW6 (TRPH)

MW7 (TRPH)

MW8 (BTEX/ MTBE)

MW28 (TRPH)

The laboratory analytical results and other pertinent data for the 2015/2016 sampling events were provided in previous technical Reports. The laboratory analytical results, groundwater sampling logs, equipment calibration records, and field notes for the June 19, 2017 sampling event are compiled in Appendix C. The analytical results are summarized in Tables 1a and 1b (Appendix B), which include historical data. Figure 1 (Appendix A) depicts the laboratory analytical results for these latest 4 consecutive semi-annual groundwater sampling events at the respective well locations. Groundwater samples from the following wells contained constituents exceeding the respective cleanup target levels (CTLs):

Sample		TRPHs	Benzene
Location	Date	(µg/L)	(µg/L)
MW-5	12/23/15		7.0
	6/19/17		5.7
MW-7	12/23/15	16,000	
	6/16/16	16,000	
	12/21/16	7,900	
	6/19/17	24,000	
MW-8	12/23/15		4.6
MW-28	12/23/15	12,000	
	6/16/16	9,000	
	12/21/16	14,000	
GCTLs		5,000	1
NADCs		50,000	100

The above listed constituent concentrations are below the respective Natural Attenuation Default Concentrations (NADC) for benzene (NADC is 100 ug/L) and TRPH (NADC is 50,000 ug/L).

Time vs. Concentration plots from the laboratory analytical data from monitoring wells (MWs) 5 (benzene), 6 (TRPH), 7 (TRPH), 8 (benzene), and 28 (TRPH) from November 2011 to the present are also compiled in Appendix B. With the exception of the anomalously high concentration of benzene as detected in the MW5 groundwater samples obtained in May 2015, an overall declining trend in benzene is indicated from the MW5 and MW8 groundwater samples. Although benzene was detected at a concentration of 5.7 ug/L (exceeding the CTL of 1 ug/L) in the latest groundwater samples obtained on June 19, 2017, there is an overall downward trend of benzene in the MW5 groundwater samples. Regarding TRPH concentrations from the sampling of MWs 6, 7, and 28, a specific declining trend in concentrations over time is not indicated in the MW7 and MW28 groundwater samples. TRPH concentrations in the MW6 groundwater samples for the last 4 consecutive semi-annual sampling events are below the CTL of 5,000 ug/L.

#### Water Table Elevation

Water table measurements and associated elevations as obtained during the sampling of the various monitoring wells discussed above are compiled in Table 2 (Appendix B), which includes historical data. Figures 2 (Appendix A) depicts the water table elevations as determined from water table measurements obtained on June 19, 2017 in association with groundwater sampling. As indicated from this elevation data, surficial aquifer groundwater flow is predominantly to the east, which is generally in accordance with previous determinations of groundwater flow. It is noted the water table elevation of MW28 (96.27 ft.) is anomalously low for unknown reasons and is not honored in the contouring of Figure 2.

#### Summary & Conclusion

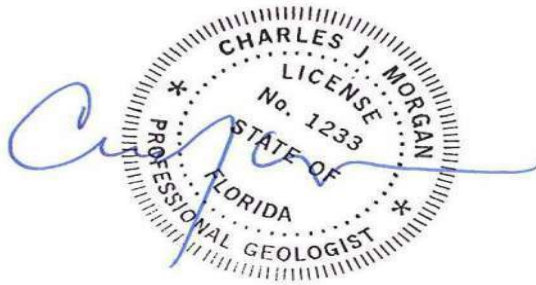
Based on these most recent semi-annual groundwater sampling events of designated monitoring wells as conducted since December 2015, benzene and/or TRPH were detected in groundwater samples obtained from monitoring wells (MWs) 5, 7, and 28 at concentrations above respective CTLs, but significantly below NADCs. Natural Attenuation parameter sampling, although limited, as conducted in November 2014 (see Table 1c, Appendix B) generally indicates groundwater conditions favorable to anaerobic degradation of petroleum constituents. While natural attenuation of benzene is generally apparent, the natural attenuation of TRPH is not occurring, based on review of the groundwater analytical data obtained from monitoring wells MW7 and MW28 since 2010. To evaluate the possibility that petroleum constituents are adhering to the PVC materials of the monitoring wells,



consideration should be given to replacing monitoring wells MW7 and MW28 (at a minimum) before continuing PARM/NAM. If TRPH concentrations persist in the groundwater samples from these wells following well replacement, limited supplemental remedial action, such as oxidizer and/or bio-remedial injections in the immediate vicinity of the active USTs, should be considered in order to achieve substantial reduction in the concentration of TRPH.

Should you require additional information during review of this Report, please contact me at 863-646-9130 ext. 104, or via email to [jeff.morgan@mdmservices.com](mailto:jeff.morgan@mdmservices.com).

Professional Certification:



\_\_\_\_\_  
Charles J. Morgan, P. G. #1233

7/10/17  
\_\_\_\_\_  
Date

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## **APPENDIX A**

**LEGEND:**

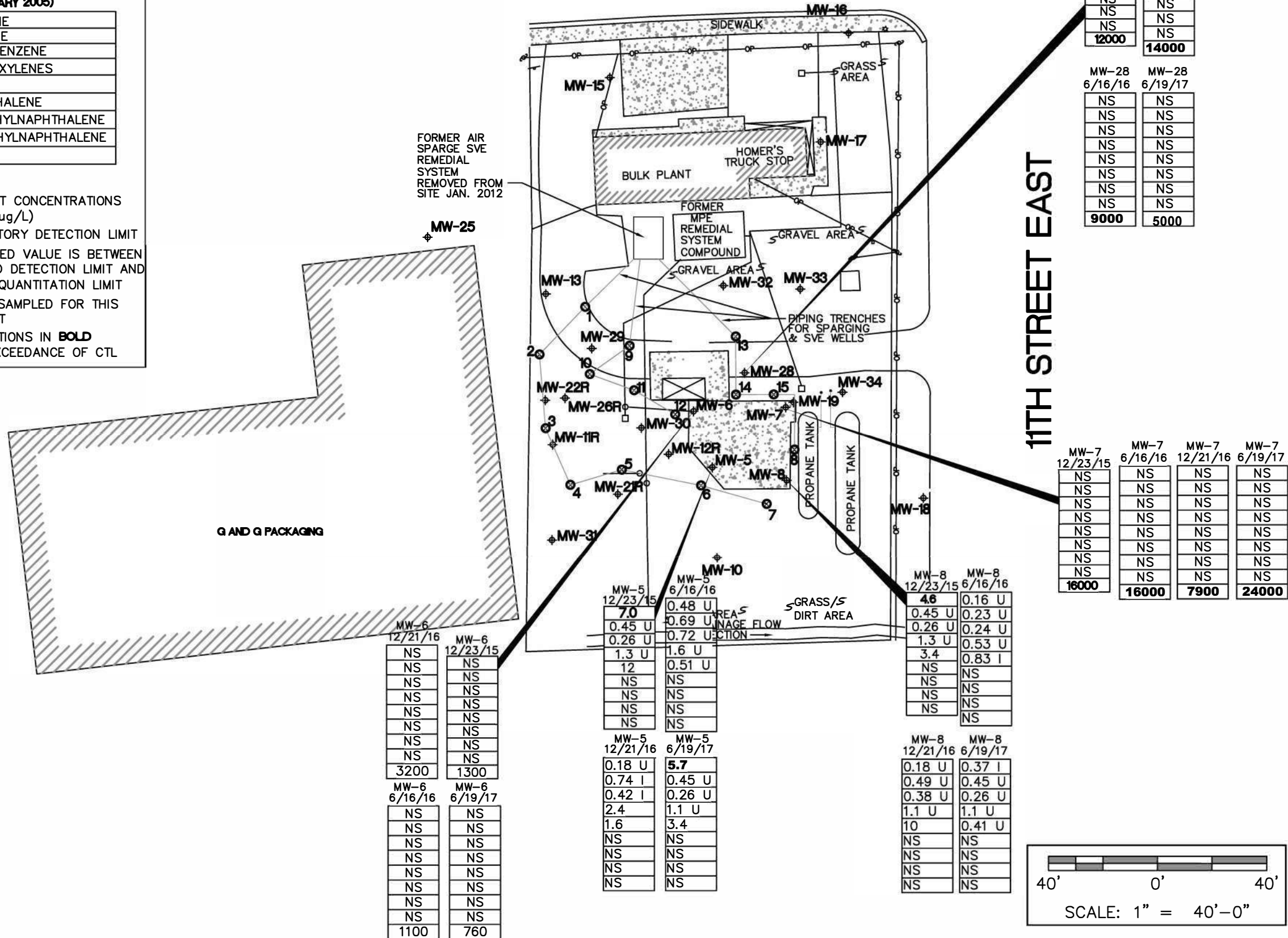
MW + MONITORING WELL

- ⊙ - ARRAY LOCATION OF AIR SPARGING + SVE WELL (15 TOTAL)
- - MPE RECOVERY WELL (NOT IN USE AS OF JANUARY 2005)

BENZENE
TOLUENE
ETHYLBENZENE
TOTAL XYLENES
MTBE
NAPHTHALENE
1-METHYLNAPHTHALENE
2-METHYLNAPHTHALENE
TRPH

CONSTITUENT CONCENTRATIONS IN ppb (or ug/L)  
 U = LABORATORY DETECTION LIMIT  
 I = REPORTED VALUE IS BETWEEN THE METHOD DETECTION LIMIT AND PRACTICAL QUANTITATION LIMIT  
 NS = NOT SAMPLED FOR THIS CONSTITUENT  
 CONCENTRATIONS IN **BOLD** INDICATE EXCEEDANCE OF CTL

**EAST MAIN STREET**



MW-28	MW-28
12/23/15	12/21/16
NS	NS
NS	NS
NS	NS
NS	NS
NS	NS
NS	NS
NS	NS
NS	NS
<b>12000</b>	<b>14000</b>

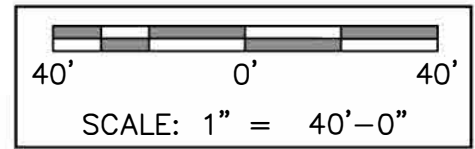
MW-28	MW-28
6/16/16	6/19/17
NS	NS
NS	NS
NS	NS
NS	NS
NS	NS
NS	NS
NS	NS
NS	NS
<b>9000</b>	<b>5000</b>

MW-7	MW-7	MW-7	MW-7
12/23/15	6/16/16	12/21/16	6/19/17
NS	NS	NS	NS
NS	NS	NS	NS
NS	NS	NS	NS
NS	NS	NS	NS
NS	NS	NS	NS
NS	NS	NS	NS
NS	NS	NS	NS
NS	NS	NS	NS
<b>16000</b>	<b>16000</b>	<b>7900</b>	<b>24000</b>

MW-5	MW-5
12/23/15	6/16/16
<b>7.0</b>	0.48 U
0.45 U	0.69 U
0.26 U	0.72 U
1.3 U	1.6 U
12	0.51 U
NS	NS
NS	NS
NS	NS
NS	NS
NS	NS
NS	NS

MW-5	MW-5
12/21/16	6/19/17
0.18 U	<b>5.7</b>
0.74 I	0.45 U
0.42 I	0.26 U
2.4	1.1 U
1.6	3.4
NS	NS
NS	NS
NS	NS
NS	NS
NS	NS
NS	NS

MW-8	MW-8
12/21/16	6/19/17
0.18 U	0.37 I
0.49 U	0.45 U
0.38 U	0.26 U
1.1 U	1.1 U
10	0.41 U
NS	NS
NS	NS
NS	NS
NS	NS
NS	NS



PLANS PREPARED FOR  
**COMBS OIL BULK PLANT**  
 525 AND 527 E. MAIN ST.  
 IMMOKALEE, FLORIDA

**CONSTITUENT CONCENTRATIONS  
 IN GROUNDWATER**

SCALE:	1"=40'-0"	DATE:	5/31/13
DRAWN BY:	DH	PROPOSED GRADES BY:	
CHECKED BY:		S.S.#	
APPROVED BY:			

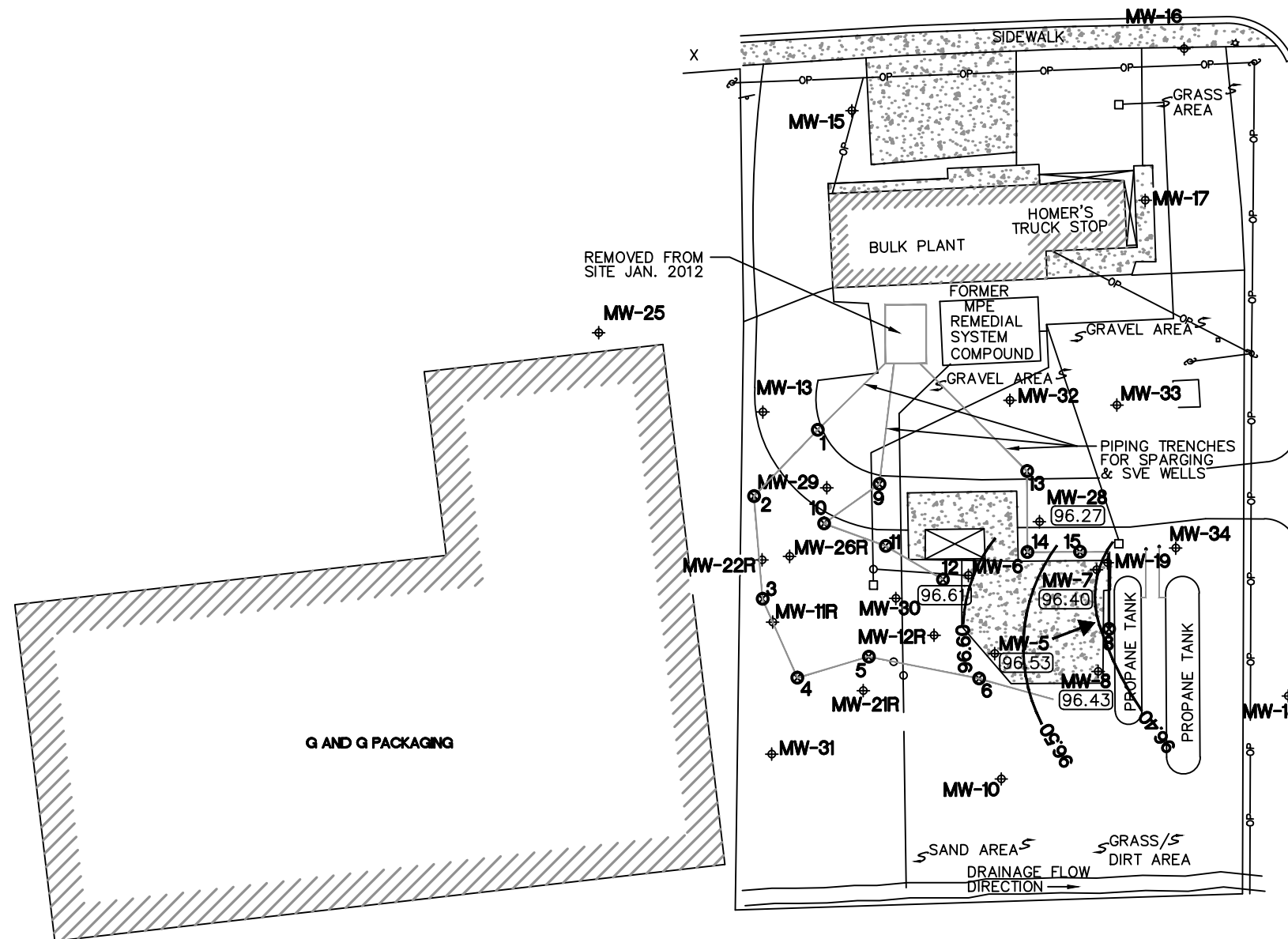
Do Not Scale-Use Dimensions Only  
 \* To the best of my knowledge, the plans and specifications submitted herewith comply with existing interpretations and regulations of the Department of Environmental Protection, no warranty expressed or implied is hereby given.

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FIGURE NO.  
 1

# EAST MAIN STREET

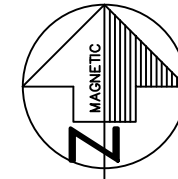
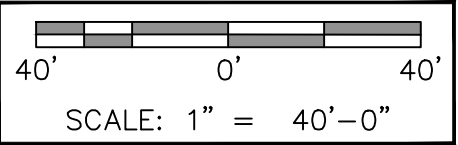


**LEGEND:**

- MW ⊕ MONITORING WELL
- ⊙ - ARRAY LOCATION OF AIR SPARGING + SVE WELL (15 TOTAL)
- - MPE RECOVERY WELL (NOT IN USE AS OF JANUARY 2005)
- 96.27 WATER TABLE ELEV. (FT.)

→

11TH STREET EAST



PLANS PREPARED FOR  
**COMBS OIL BULK PLANT**  
525 AND 527 E. MAIN ST.  
IMMOKALEE, FLORIDA

**WATER TABLE ELEVATION**  
**JUNE 2017**

SCALE: 1"=40'-0"	DATE: 5/31/13
DRAWN BY: PD	PROPOSED GRADES BY:
CHECKED BY:	S.S.#
APPROVED BY:	

Do Not Scale—Use Dimensions Only  
\* To the best of my knowledge, the plans and specifications submitted herewith comply with existing interpretations and regulations. No warranty is expressed or implied in hereby given.

PLANS PREPARED BY:

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20815

FIGURE NO.  
2

---

## **APPENDIX B**





TABLE 1a: GROUNDWATER MONITORING WELL ANALYTICAL SUMMARY - VOCs and Metals

Facility ID#: 118839176

Facility Name: Combs Oil Bulk Plant

See notes at end of table.

Sample		Benzene	Toluene	Ethyl- benzene	Total Xylenes	Total VOAs	MTBE	EDB	1,2-Di- chloro- ethane	Total Arsenic	Total Cadmium	Total Chromium	Total Lead
Location	Date	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)
MW-8	2/9/99	147.0	5.0 U	5.0 U	15.0 U	147.0	15.0 U	NS	NS	NS	NS	NS	NS
	3/14/02	1 U	1 U	1 U	1 U	1 U	6.9	NS	NS	NS	NS	NS	NS
	6/10/02	1 U	1 U	1 U	1 U	1 U	1 U	NS	NS	NS	NS	NS	NS
	9/9/02	1 U	1 U	1 U	1 U	1 U	1 U	NS	NS	NS	NS	NS	NS
	12/11/02	1 U	1 U	1 U	1 U	1 U	3	NS	NS	NS	NS	NS	NS
	6/16/03	1 U	1.1	1 U	1 U	1.1	1 U	NS	NS	NS	NS	NS	NS
	11/7/03	360	100 U	100 U	100 U	360	1600	NS	NS	NS	NS	NS	NS
	5/18/04	400	6.6	1.4	1.2	409.2	37	NS	NS	NS	NS	NS	NS
	8/26/04	2.8	1 U	1 U	1 U	2.8	5.1	NS	NS	NS	NS	NS	NS
	9/28/05	28	2.4	1 U	2 U	30.4	15	NS	NS	NS	NS	NS	NS
	12/28/05	31	1 U	1 U	2 U	31	12	NS	NS	NS	NS	NS	NS
	3/29/06	24	1 U	1 U	2 U	24	4.6	NS	NS	NS	NS	NS	NS
	9/29/06	1 U	1 U	1 U	1 U	1 U	1 U	NS	NS	NS	NS	NS	NS
	1/5/07	1 U	1 U	1 U	1 U	1 U	1 U	NS	NS	NS	NS	NS	NS
	8/10/07	1 U	1 U	1 U	1 U	1 U	1 U	NS	NS	NS	NS	NS	NS
	1/11/08	1 U	1 U	1 U	1 U	1 U	1 U	NS	NS	NS	NS	NS	NS
	4/18/08	1 U	1 U	1 U	1 U	1 U	1 U	NS	NS	NS	NS	NS	NS
	7/17/08	1 U	1 U	1 U	1 U	1 U	1 U	NS	NS	NS	NS	NS	NS
	10/21/08	1 U	1 U	1 U	1 U	1 U	1 U	NS	NS	NS	NS	NS	NS
	2/3/09	1 U	1 U	1 U	1 U	1 U	6.82	NS	NS	NS	NS	NS	NS
	5/4/09	1 U	1 U	1 U	1 U	1 U	14.5	NS	NS	NS	NS	NS	NS
	8/5/09	0.2105 U	0.1601 U	0.1959 U	0.2310 U	0.1601 U	0.2562 U	NS	NS	NS	NS	NS	NS
	10/28/09	0.36 U	0.48 U	0.45 U	0.82 U	0.36 U	46.7	NS	NS	NS	NS	NS	NS
	1/21/2010	0.36 U	0.48 U	0.45 U	0.82 U	0.36 U	41.5	NS	NS	NS	NS	NS	NS
	2/23/10	0.36 U	0.48 U	0.45 U	0.82 U	0.36 U	1.82	NS	NS	NS	NS	NS	NS
	6/23/10	NS	NS	NS	NS	NS	0.85 I	NS	NS	NS	NS	NS	NS
by others	9/10/10	13.4	0.470 U	0.520 U	0.980 U	13	4.11	NS	NS	NS	NS	NS	NS
	11/5/10	12.4	0.48 U	0.45 U	0.87 U	12	7.9	NS	NS	NS	NS	NS	NS
	11/8/11	0.36 U	0.48 U	0.45 U	0.87 U	0.36 U	0.67 U	NS	NS	NS	NS	NS	NS
	1/3/12	0.36 U	0.48 U	0.45 U	0.87 U	0.36 U	0.67 U	NS	NS	NS	NS	NS	NS
	4/3/12	13.6	1.43	0.45 U	0.87 U	15.03	1.7	NS	NS	NS	NS	NS	NS
	8/20/12	0.160 U	0.140 U	0.190 U	1.07	1.07	0.180 U	NS	NS	NS	NS	NS	NS
	11/26/12	7.22	1.62	0.45 I	1.12 I	8.84	0.67 U	NS	NS	NS	NS	NS	NS
	2/25/13	1.67	0.48 U	0.45 U	0.87 U	1.67	0.67 U	NS	NS	NS	NS	NS	NS
	5/23/13	0.76	0.48 U	0.45 U	0.87 U	0.76	0.67 U	NS	NS	NS	NS	NS	NS
	11/20/13	4.89	0.48 U	0.45 U	0.87 U	4.89	0.85 I	NS	NS	NS	NS	NS	NS
	6/10/14	3.4	0.48 U	0.45 U	1.01 I	3.4	2.48	NS	NS	NS	NS	NS	NS
	11/19/14	0.160 U	0.140 U	0.190 U	0.200 U	0.140 U	0.180 U	NS	NS	NS	NS	NS	NS
	5/19/15	0.44 U	0.48 U	0.45 U	1.65 U	3.25 U	0.67 U	NS	NS	NS	NS	NS	NS
	12/23/15	4.6	0.45 U	0.26 U	1.3 U	4.6	3.4	NS	NS	NS	NS	NS	NS
	6/16/16	0.16 U	0.23 U	0.24 U	0.53 U	0 U	0.83 I	NS	NS	NS	NS	NS	NS
	12/21/16	0.18 U	0.49 U	0.38 U	1.1 U	0 U	10	NS	NS	NS	NS	NS	NS
	6/19/17	0.37 I	0.45 U	0.26 U	1.1 U	0.37	0.41 U	NS	NS	NS	NS	NS	NS
MW-10	2/9/99	1 U	1 U	1 U	3.0 U	1 U	3.0 U	NS	NS	NS	NS	NS	NS
	6/16/03	1 U	1 U	1 U	1 U	1 U	1 U	NS	NS	NS	NS	NS	NS
MW-11	5/11/99	1 U	1 U	1 U	1 U	1 U	1 U	NS	NS	NS	NS	NS	NS



**TABLE 1a: GROUNDWATER MONITORING WELL ANALYTICAL SUMMARY - VOCs and Metals**

Facility ID#: 118839176

Facility Name: Combs Oil Bulk Plant

See notes at end of table.

Sample		Benzene	Toluene	Ethyl- benzene	Total Xylenes	Total VOAs	MTBE	EDB	1,2-Di- chloro- ethane	Total Arsenic	Total Cadmium	Total Chromium	Total Lead
Location	Date	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)
MW-11R	6/16/03	140	17	2.4	58	217.4	18	NS	NS	NS	NS	NS	NS
	11/6/03	14	3.9	1 U	7.9	25.8	5 U	NS	NS	NS	NS	NS	NS
	2/18/04	no sample											
	5/18/04	1 U	1 U	1 U	1 U	1 U	110	NS	NS	NS	NS	NS	NS
	8/26/04	64	14	30	45	153	7.1	NS	NS	NS	NS	NS	NS
	3/28/06	15	5.5	51	171.1	242.6	1 U	NS	NS	NS	NS	NS	NS
	9/29/06	1 U	1 U	1 U	1 U	1 U	1 U	NS	NS	NS	NS	NS	NS
	1/5/07	1 U	1 U	1 U	1 U	1 U	1 U	NS	NS	NS	NS	NS	NS
	1/11/08	1.75	2.09	10.9	44.7	59.44	1 U	NS	NS	NS	NS	NS	NS
	4/18/08	1 U	1 U	1 U	1 U	1 U	1 U	NS	NS	NS	NS	NS	NS
	7/17/08	1 U	1 U	1 U	1.54	1.54	1 U	NS	NS	NS	NS	NS	NS
	10/21/08	1 U	1 U	1 U	1 U	1 U	1 U	NS	NS	NS	NS	NS	NS
	2/3/09	1 U	1 U	2.22	16.2	18.42	1 U	NS	NS	NS	NS	NS	NS
	5/4/09	1 U	1 U	1 U	1 U	1 U	1 U	NS	NS	NS	NS	NS	NS
	8/5/09	0.2105 U	0.1601 U	0.24	1.01	1.25	0.2562 U	NS	NS	NS	NS	NS	NS
	10/28/09	0.36 U	0.48 U	0.45 U	0.88 I	0.88 I	0.67 U	NS	NS	NS	NS	NS	NS
by others	9/10/10	0.890 I	0.470 U	0.610 I	14.9	14.900	0.440 U	NS	NS	NS	NS	NS	NS
MW-12	2/9/99	FP	FP	FP	FP	FP	FP	NS	NS	NS	NS	NS	NS
MW-12R	3/14/02	110	20 U	63	130	303	1 U	NS	NS	NS	NS	NS	NS
	6/10/02	310	5.3	230	170	715.3	11	NS	NS	NS	NS	NS	NS
	9/9/02	100	2.5	12	14	128.5	7.8	NS	NS	NS	NS	NS	NS
	12/11/02	110	4.2	3.6	18	135.8	6.4	NS	NS	NS	NS	NS	NS
	11/6/03	2	1 U	1 U	1.5	3.5	12	NS	NS	NS	NS	NS	NS
	2/18/04	1 U	1 U	1 U	1 U	1 U	<5	NS	NS	NS	NS	NS	NS
	5/18/04	1.2	1 U	1 U	1 U	1.2	30	NS	NS	NS	NS	NS	NS
	8/26/04	4.2	1	2.8	3.7	11.7	7.7	NS	NS	NS	NS	NS	NS
	9/28/05	1 U	1 U	1 U	2 U	1 U	5 U	NS	NS	NS	NS	NS	NS
	12/28/05	1 U	1 U	1 U	2 U	1 U	47	NS	NS	NS	NS	NS	NS
	3/29/06	1 U	1 U	1 U	2 U	1 U	12	NS	NS	NS	NS	NS	NS
	9/29/06	1 U	1 U	1 U	1 U	1 U	1 U	NS	NS	NS	NS	NS	NS
	1/4/07	1 U	1 U	1 U	1 U	1 U	1 U	NS	NS	NS	NS	NS	NS
	1/11/08	1 U	1 U	1 U	1 U	1 U	1 U	NS	NS	NS	NS	NS	NS
	4/18/08	1 U	1 U	1 U	1 U	1 U	1 U	NS	NS	NS	NS	NS	NS
MW-13	2/9/99	1 U	1 U	1 U	3.0 U	1 U	3.0 U	NS	NS	NS	NS	NS	NS
	6/16/03	1 U	1 U	1 U	1 U	1 U	1 U	NS	NS	NS	NS	NS	NS
	1/31/06	1 U	1 U	1 U	2 U	1 U	5 U	NS	NS	NS	NS	NS	NS
MW-14	2/9/99	2	1 U	1 U	3.0 U	2.00	3.00	NS	NS	NS	NS	NS	NS
MW-15	2/9/99	1 U	1 U	1 U	3.0 U	1 U	3.0 U	NS	NS	NS	NS	NS	NS
MW-16	2/9/99	1 U	1 U	1 U	3.0 U	1 U	3.0 U	NS	NS	NS	NS	NS	NS
MW-17	2/9/99	1 U	1 U	1 U	3.0 U	1 U	3.0 U	NS	NS	NS	NS	NS	NS
MW-18	2/9/99	1 U	1 U	1 U	3.0 U	1 U	3.0 U	NS	NS	NS	NS	NS	NS
	4/3/12	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-19	2/9/99	1 U	1 U	1 U	3.0 U	1 U	3.0 U	NS	NS	NS	NS	NS	NS
	4/3/12	N	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-20	2/9/99	1 U	1 U	1 U	3.0 U	1 U	5.00	NS	NS	NS	NS	NS	NS
MW-21	2/9/99	13	1 U	12	3.0 U	25.00	3.0 U	NS	NS	NS	NS	NS	NS

**TABLE 1a: GROUNDWATER MONITORING WELL ANALYTICAL SUMMARY - VOCs and Metals**

Facility ID#: 118839176

Facility Name: Combs Oil Bulk Plant

See notes at end of table.

Sample		Benzene	Toluene	Ethyl- benzene	Total Xylenes	Total VOAs	MTBE	EDB	1,2-Di- chloro- ethane	Total Arsenic	Total Cadm- mium	Total Chro- mium	Total Lead
Location	Date	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)
MW-21R	6/16/03	<b>470</b>	50 U	50 U	<b>94</b>	564	<b>320</b>	NS	NS	NS	NS	NS	NS
	11/6/03	<b>1.8</b>	1 U	1 U	1 U	1.8	5 U	NS	NS	NS	NS	NS	NS
	2/18/04	1 U	1 U	1 U	1 U	1 U	5 U	NS	NS	NS	NS	NS	NS
	5/18/04	1 U	1 U	1 U	1 U	1 U	5 U	NS	NS	NS	NS	NS	NS
	8/26/04	<b>2.5</b>	1 U	1 U	1 U	2.5	7.6	NS	NS	NS	NS	NS	NS
	9/28/05	1 U	1 U	1 U	2 U	1 U	5 U	NS	NS	NS	NS	NS	NS
	12/28/05	1 U	1 U	1 U	2 U	1 U	5 U	NS	NS	NS	NS	NS	NS
	3/28/06	1 U	1 U	1 U	2 U	1 U	1 U	NS	NS	NS	NS	NS	NS
	9/29/06	1 U	1 U	1 U	1 U	1 U	1 U	NS	NS	NS	NS	NS	NS
	1/4/07	1 U	1 U	1 U	1 U	1 U	1 U	NS	NS	NS	NS	NS	NS
	4/18/08	1 U	1 U	1 U	1 U	1 U	1 U	NS	NS	NS	NS	NS	NS
	7/17/08	1 U	1 U	1 U	1 U	1 U	1 U	NS	NS	NS	NS	NS	NS
	10/21/08	1 U	1 U	1 U	1 U	1 U	1 U	NS	NS	NS	NS	NS	NS
	2/3/09	1 U	1 U	1 U	1 U	1 U	1 U	NS	NS	NS	NS	NS	NS
	5/4/09	1 U	1 U	1 U	1 U	1 U	1 U	NS	NS	NS	NS	NS	NS
	8/5/09	0.2105 U	0.1601 U	0.1959 U	0.2105 U	0.1601 U	0.2562 U	NS	NS	NS	NS	NS	NS
	10/28/09	0.36 U	0.48 U	0.45 U	0.82 U	0.36 U	0.67 U	NS	NS	NS	NS	NS	NS
by others	9/10/10	0.350 U	0.470 U	0.520 U	0.980 U	0.350 U	0.440 U	NS	NS	NS	NS	NS	NS
MW-22	5/11/99	FP	FP	FP	FP	FP	FP	NS	NS	NS	NS	NS	NS
MW-22R	3/14/02	<b>310</b>	<b>270</b>	<b>460</b>	<b>2000</b>	3,040.00	20 U	NS	NS	NS	NS	NS	NS
	6/10/02	<b>540</b>	<b>520</b>	<b>660</b>	<b>1700</b>	3,420.00	<b>82</b>	NS	NS	NS	NS	NS	NS
	9/9/02	<b>94</b>	<b>31</b>	<b>250</b>	<b>330</b>	705.00	5 U	NS	NS	NS	NS	NS	NS
	12/11/02	<b>160</b>	<b>140</b>	<b>410</b>	<b>840</b>	1,550.00	100 U	NS	NS	NS	NS	NS	NS
	1/17/03	<b>26</b>	<b>84</b>	<b>330</b>	<b>1500</b>	1,940.00	<b>79</b>	NS	NS	NS	NS	NS	NS
	2/18/04	<b>14</b>	3.8	4.8	7.4	30.00	30	NS	NS	NS	NS	NS	NS
	5/18/04	<b>24</b>	1 U	<b>48</b>	5	77	5 U	NS	NS	NS	NS	NS	NS
	8/26/04	1 U	1.2	3	8.4	13	5 U	NS	NS	NS	NS	NS	NS
	9/27/05	1 U	1 U	1 U	2 U	1 U	5 U	NS	NS	NS	NS	NS	NS
	12/28/05	<b>6.5</b>	1 U	1 U	<b>140</b>	147	5 U	NS	NS	NS	NS	NS	NS
	3/28/06	1 U	1.7	17	<b>30.3</b>	49.0	1 U	NS	NS	NS	NS	NS	NS
	9/29/06	1 U	1 U	1 U	0.43	0.43	1 U	NS	NS	NS	NS	NS	NS
	1/4/07	<b>2.9</b>	10	18	<b>63.5</b>	94.4	1 U	NS	NS	NS	NS	NS	NS
	8/10/07	1 U	1 U	1 U	1 U	1 U	1 U	NS	NS	NS	NS	NS	NS
	1/11/08	1 U	1 U	1 U	1 U	1 U	1 U	NS	NS	NS	NS	NS	NS
	4/17/08	1 U	1 U	1 U	1 U	1 U	1 U	NS	NS	NS	NS	NS	NS
	7/17/08	1 U	1 U	1 U	1 U	1 U	1 U	NS	NS	NS	NS	NS	NS
	10/21/08	1 U	1 U	1 U	1 U	1 U	1 U	NS	NS	NS	NS	NS	NS
	2/3/09	1 U	1 U	1 U	1 U	1 U	1 U	NS	NS	NS	NS	NS	NS
	5/4/09	1 U	1 U	1 U	1 U	1 U	1 U	NS	NS	NS	NS	NS	NS
	8/5/09	0.2105 U	0.1601 U	0.1959 U	0.2310 U	0.1601 U	0.2562 U	NS	NS	NS	NS	NS	NS
	10/28/09	0.36 U	0.48 U	0.45 U	0.82 U	0.36 U	0.67 U	NS	NS	NS	NS	NS	NS
by others	9/10/10	0.350 U	0.470 U	0.520 U	0.980 U	0.350 U	0.440 U	NS	NS	NS	NS	NS	NS
MW-23	2/9/99	<b>8.0</b>	3.0	3.0	7.0	21.0	3.0 U	NS	NS	NS	NS	NS	NS
MW-25	2/9/99	1 U	1 U	1 U	3.0 U	1 U	3.0 U	NS	NS	NS	NS	NS	NS
MW-26	5/11/99	<b>11.0</b>	1 U	1 U	1 U	11.0	2.50	NS	NS	NS	NS	NS	NS
MW-26R	8/20/12	0.160 U	0.140 U	0.190 U	0.510 U	1 U	0.180 U	NS	NS	NS	NS	NS	NS
	11/26/12	0.83	0.48 U	1.15	5.29	7.27	0.67 U	NS	NS	NS	NS	NS	NS
MW-27	5/11/99	<b>9.60</b>	1 U	4.40	1.90	15.90	7.80	NS	NS	NS	NS	NS	NS

**TABLE 1a: GROUNDWATER MONITORING WELL ANALYTICAL SUMMARY - VOCs and Metals**

Facility ID#: 118839176

Facility Name: Combs Oil Bulk Plant

See notes at end of table.

Sample		Benzene	Toluene	Ethyl-benzene	Total Xylenes	Total VOAs	MTBE	EDB	1,2-Di-chloro-ethane	Total Arsenic	Total Cadmium	Total Chromium	Total Lead
Location	Date	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)
MW-28	11/7/03	270	16	280	350	916	16	NS	NS	NS	NS	NS	NS
	2/18/04	340	13	250	280	883	50 U	NS	NS	NS	NS	NS	NS
	5/18/04	140	2.1	160	81	383.1	12	NS	NS	NS	NS	NS	NS
	8/26/04	1200	230	390	710	2,530	410	NS	NS	NS	NS	NS	NS
	9/27/05	24	1.3	15	28	68.3	6.5	NS	NS	NS	NS	NS	NS
	12/28/05	36	1 U	1 U	2 U	36	24	NS	NS	NS	NS	NS	NS
	3/29/06	86	3.5	30	49.9	169.4	12	NS	NS	NS	NS	NS	NS
	9/29/06	960	70	480	880	2,390	110	NS	NS	NS	NS	NS	NS
	1/5/07	110	7.6	72	109	298.6	18 I	NS	NS	NS	NS	NS	NS
	8/10/07	38.9	1.15	48.8	36.6	125.5	6.17	NS	NS	NS	NS	NS	NS
	1/11/08	17.9	1 U	25.4	18.6	61.90	3.63	NS	NS	NS	NS	NS	NS
	4/18/08	1.56	1 U	13.4	10.3	25.26	4.41	NS	NS	NS	NS	NS	NS
	07/17/08	1 U	1 U	1 U	1 U	1 U	1 U	NS	NS	NS	NS	NS	NS
	10/21/08	1 U	1 U	1 U	1 U	1 U	1 U	NS	NS	NS	NS	NS	NS
	2/3/09	1 U	1 U	1 U	1 U	1 U	1 U	NS	NS	NS	NS	NS	NS
	5/4/09	1 U	1 U	1 U	1 U	1 U	1 U	NS	NS	NS	NS	NS	NS
	8/5/09	0.2105 U	0.1601 U	0.22	0.2310 U	0.22	0.2562 U	NS	NS	NS	NS	NS	NS
	10/28/09	0.36 U	0.48 U	0.45 U	0.82 U	0.36 U	0.67 U	NS	NS	NS	NS	NS	NS
by others	9/10/10	0.350 U	0.470 U	0.520 U	0.980 U	0.350 U	0.830 I	NS	NS	NS	NS	NS	NS
	11/8/11	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	1/3/12	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	4/3/12	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	8/20/12	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	11/26/12	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	2/25/13	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	5/23/13	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	11/20/13	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	6/10/14	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-29	11/7/03	2900	100 U	4400	2900	10,200	500 U	NS	NS	NS	NS	NS	NS
	2/18/04	no sample											
	5/18/04	3700	18	5000	380	9,098	50 U	NS	NS	NS	NS	NS	NS
	8/26/04	1800	54	4800	560	7,214	250 U	NS	NS	NS	NS	NS	NS
	9/27/05	100	2.5	180	110	393	2	NS	NS	NS	NS	NS	NS
	12/28/05	98	1 U	110	43	251	5 U	NS	NS	NS	NS	NS	NS
	1/31/06	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	3/28/06	2.4	1 U	7.7	2 U	10	1 U	NS	NS	NS	NS	NS	NS
	9/29/06	1.3	1 U	1.5	1 U	2.8	1 U	NS	NS	NS	NS	NS	NS
	1/5/07	0.14 U	1 U	1 U	1 U	1 U	1 U	NS	NS	NS	NS	NS	NS
	8/10/07	4.04	1 U	1 U	1 U	4.04	1 U	NS	NS	NS	NS	NS	NS
	1/11/08	1 U	1 U	1 U	1 U	1 U	1 U	NS	NS	NS	NS	NS	NS
	4/18/08	1 U	1 U	1 U	1 U	1 U	1 U	NS	NS	NS	NS	NS	NS
	07/17/08	1 U	1 U	1 U	1 U	1 U	1 U	NS	NS	NS	NS	NS	NS
	10/21/08	1 U	1 U	1 U	1 U	1 U	1 U	NS	NS	NS	NS	NS	NS
	2/3/09	1 U	1 U	1 U	1 U	1 U	1 U	NS	NS	NS	NS	NS	NS
	5/4/09	1 U	1 U	1 U	1 U	1 U	1 U	NS	NS	NS	NS	NS	NS
	8/5/09	1.23	0.1601 U	0.1959 U	0.2310 U	1.23	0.7800	NS	NS	NS	NS	NS	NS
	10/28/09	0.94	0.48 U	0.45 U	0.82 U	0.94	0.67 U	NS	NS	NS	NS	NS	NS
	2/23/10	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
by others	9/10/10	5.3	0.470 U	0.520 U	0.980 U	5.3	0.440 U	NS	NS	NS	NS	NS	NS
	11/5/10	9.15	0.48 U	7.12	6.76	23.03	0.67 U	NS	NS	NS	NS	NS	NS
	11/8/11	0.8	0.48 U	0.45 U	0.87 U	0.8	0.67 U	NS	NS	NS	NS	NS	NS
	4/3/12	0.5	0.78	0.45 U	0.87 U	1.28	0.67 U	NS	NS	NS	NS	NS	NS

**TABLE 1a: GROUNDWATER MONITORING WELL ANALYTICAL SUMMARY - VOCs and Metals**

Facility ID#: 118839176

Facility Name: Combs Oil Bulk Plant

See notes at end of table.

Sample		Benzene	Toluene	Ethyl-benzene	Total Xylenes	Total VOAs	MTBE	EDB	1,2-Di-chloro-ethane	Total Arsenic	Total Cadmium	Total Chromium	Total Lead
Location	Date	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)
MW-30	11/6/03	2	1 U	1.5	1 U	3.5	5 U	NS	NS	NS	NS	NS	NS
	2/18/04	3.5	1 U	1 U	1 U	3.5	5 U	NS	NS	NS	NS	NS	NS
	5/18/04	8.7	1 U	1 U	1 U	8.7	5 U	NS	NS	NS	NS	NS	NS
	8/26/04	29	2.6	6.9	20	58.5	5 U	NS	NS	NS	NS	NS	NS
	9/28/05	1 U	1 U	1 U	2 U	1 U	5 U	NS	NS	NS	NS	NS	NS
	12/28/05	1 U	1 U	1 U	2 U	1 U	20	NS	NS	NS	NS	NS	NS
	3/29/06	1 U	1 U	1 U	2 U	1 U	16	NS	NS	NS	NS	NS	NS
	9/29/06	1 U	1 U	1 U	1 U	1 U	1 U	NS	NS	NS	NS	NS	NS
	1/4/07	1 U	1 U	1 U	1 U	1 U	1 U	NS	NS	NS	NS	NS	NS
	1/11/08	1 U	1 U	1 U	1 U	1 U	1 U	NS	NS	NS	NS	NS	NS
	4/17/08	1 U	1 U	1 U	1 U	1 U	1 U	NS	NS	NS	NS	NS	NS
	7/17/08	1 U	1 U	1 U	1 U	1 U	1 U	NS	NS	NS	NS	NS	NS
	10/21/08	1 U	1 U	1 U	1 U	1 U	1 U	NS	NS	NS	NS	NS	NS
	2/3/09	1 U	1 U	1 U	1 U	1 U	1 U	NS	NS	NS	NS	NS	NS
	5/4/09	1 U	1 U	1 U	1 U	1 U	1 U	NS	NS	NS	NS	NS	NS
	8/5/09	0.2105 U	0.1601 U	0.1959 U	0.2310 U	0.1601 U	0.2562 U	NS	NS	NS	NS	NS	NS
	10/28/09	0.36 U	0.48 U	0.45 U	0.82 U	0.36 U	0.67 U	NS	NS	NS	NS	NS	NS
	2/23/10	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
by others	9/10/10	0.350 U	0.470 U	0.520 U	0.980 U	0.350 U	0.830 U	NS	NS	NS	NS	NS	NS
MW-31	11/6/03	1 U	1.8	1.9	3	6.70	5 U	NS	NS	NS	NS	NS	NS
	2/18/04	no sample											
	5/18/04	1 U	1 U	1 U	1 U	1 U	5 U	NS	NS	NS	NS	NS	NS
	8/26/04	1 U	1 U	1 U	1 U	1 U	5 U	NS	NS	NS	NS	NS	NS
	9/28/05	1 U	1 U	1 U	2 U	1 U	5 U	NS	NS	NS	NS	NS	NS
	12/28/05	1 U	1 U	1 U	2 U	1 U	5 U	NS	NS	NS	NS	NS	NS
	3/28/06	1 U	1 U	1 U	2 U	1 U	1 U	NS	NS	NS	NS	NS	NS
	9/29/06	1 U	1 U	1 U	2 U	1 U	1 U	NS	NS	NS	NS	NS	NS
	1/5/07	1 U	1 U	1 U	2 U	1 U	1 U	NS	NS	NS	NS	NS	NS
	1/11/08	1 U	1 U	1 U	2 U	1 U	1 U	NS	NS	NS	NS	NS	NS
	4/17/08	1 U	1 U	1 U	1 U	1 U	1 U	NS	NS	NS	NS	NS	NS
	7/17/08	1 U	1 U	1 U	1 U	1 U	1 U	NS	NS	NS	NS	NS	NS
	10/21/08	1 U	1 U	1 U	1 U	1 U	1 U	NS	NS	NS	NS	NS	NS
	2/3/09	1 U	1 U	1 U	1 U	1 U	1 U	NS	NS	NS	NS	NS	NS
	5/4/09	1 U	1 U	1 U	1 U	1 U	1 U	NS	NS	NS	NS	NS	NS
	8/5/09	0.2105 U	0.1601 U	0.1959 U	0.2310 U	0.1601 U	0.2562 U	NS	NS	NS	NS	NS	NS
	10/28/09	0.36 U	0.48 U	0.45 U	0.82 U	0.36 U	0.67 U	NS	NS	NS	NS	NS	NS
MW-32	1/31/06	1 U	1 U	1 U	2 U	1 U	5 U	NS	NS	NS	NS	NS	NS
MW-33	1/31/06	1 U	1 U	1 U	2 U	1 U	5 U	NS	NS	NS	NS	NS	NS
	2/23/10	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	4/3/12	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-34	8/20/12	0.160 U	0.140 U	0.190 U	0.510 U	0.140 U	0.180 U	NS	NS	NS	NS	NS	NS
	11/26/12	0.36 U	0.48 U	0.45 U	0.87 U	0.36 U	0.67 U	NS	NS	NS	NS	NS	NS
	2/25/13	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	5/23/13	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
HRL	3/14/02	1 U	1 U	1 U	1 U	1 U	1 U	NS	NS	NS	NS	NS	NS
	6/10/02	1 U	1 U	1 U	1 U	1 U	1 U	NS	NS	NS	NS	NS	NS
	9/9/02	1 U	1 U	1 U	1 U	1 U	1 U	NS	NS	NS	NS	NS	NS
	12/11/02	1 U	1 U	1 U	1 U	1 U	1 U	NS	NS	NS	NS	NS	NS
GCTLs		1**	40**	30**	20**	NA	20	0.02**	3**	10**	5**	100**	15**
NADCs		100	400	300	200	NA	200	2	300	100	50	1,000	150

Notes: 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.

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

U = Constituent was not detected to the level indicated; I = concentration is between the method detection limit and the practical quantitative limit.



















**TABLE 1b: GROUNDWATER MONITORING WELL ANALYTICAL SUMMARY - PAHs and TRPHs**

Facility ID#: 118839176

Facility Name: Combs Oil Bulk Plant

See notes at end of table.

Sample		TRPHs	Naphthalene	1-Methylnaphthalene	2-Methylnaphthalene	Acenaphthene	Acenaphthylene	Anthracene	Benzo (g,h,i) perylene	Fluoranthene	Fluorene	Phenanthrene	Pyrene	Benzo (a) pyrene	Benzo (a) anthracene	Benzo (k) fluoranthene	Benzo (k) fluoranthene	Chrysene	Dibenz (a,h) anthracene	Indeno (1,2,3-cd) pyrene	
Location	Date	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	
MW-31	11/6/03	650 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	
	2/18/04	no sample																			
	5/18/04	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	8/26/04	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	9/28/05	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	12/28/05	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	3/28/06	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	9/29/06	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	1/5/07	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	1/11/08	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	4/17/08	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	7/17/08	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	10/21/08	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	2/3/09	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	5/4/09	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	8/5/09	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	10/28/09	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
MW-32	1/31/06	290.00	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	
MW-33	1/31/06	300.00	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	
	2/23/10	169 U	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	4/3/12	186 I	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
MW-34	8/20/12	651.00	0.173 U	0.153 U	0.160 U	0.047 U	0.098 U	0.047 U	0.047 U	0.047 U	0.160 U	0.047 U	0.128 U	0.067 U	0.047 U	0.047 U	0.052 U	0.054 U	0.054 U	0.054 U	
	11/26/12	167 I	0.173 U	0.153 U	0.160 U	0.047 U	0.098 U	0.047 U	0.047 U	0.047 U	0.160 U	0.047 U	0.128 U	0.067 U	0.047 U	0.047 U	0.052 U	0.054 U	0.054 U	0.054 U	
	2/25/13	183 I	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	5/23/13	568.00	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
HRL	3/14/02	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	
	6/10/02	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	
	9/9/02	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	
	12/11/02	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	
<b>GCTLs</b>		5,000	14	28	28	20	210	2,100	210	280	280	210	210	0.2**	0.05 <sup>a</sup>	0.05 <sup>a</sup>	0.5	4.8	0.005 <sup>a</sup>	0.05 <sup>a</sup>	
<b>NADCs</b>		50,000	140	280	280	200	2,100	21,000	2,100	2,800	2,800	2,100	2,100	20	5	5	50	480	0.5	5	

Notes: FP = Well contained free product

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.

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

<sup>a</sup> = 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 = Constituent was not detected to the level indicated; I = concentration is between the method detection limit and the practical quantitative limit.

**TABLE 1c: GROUNDWATER MONITORING WELL ANALYTICAL SUMMARY - NA PARAMETERS**

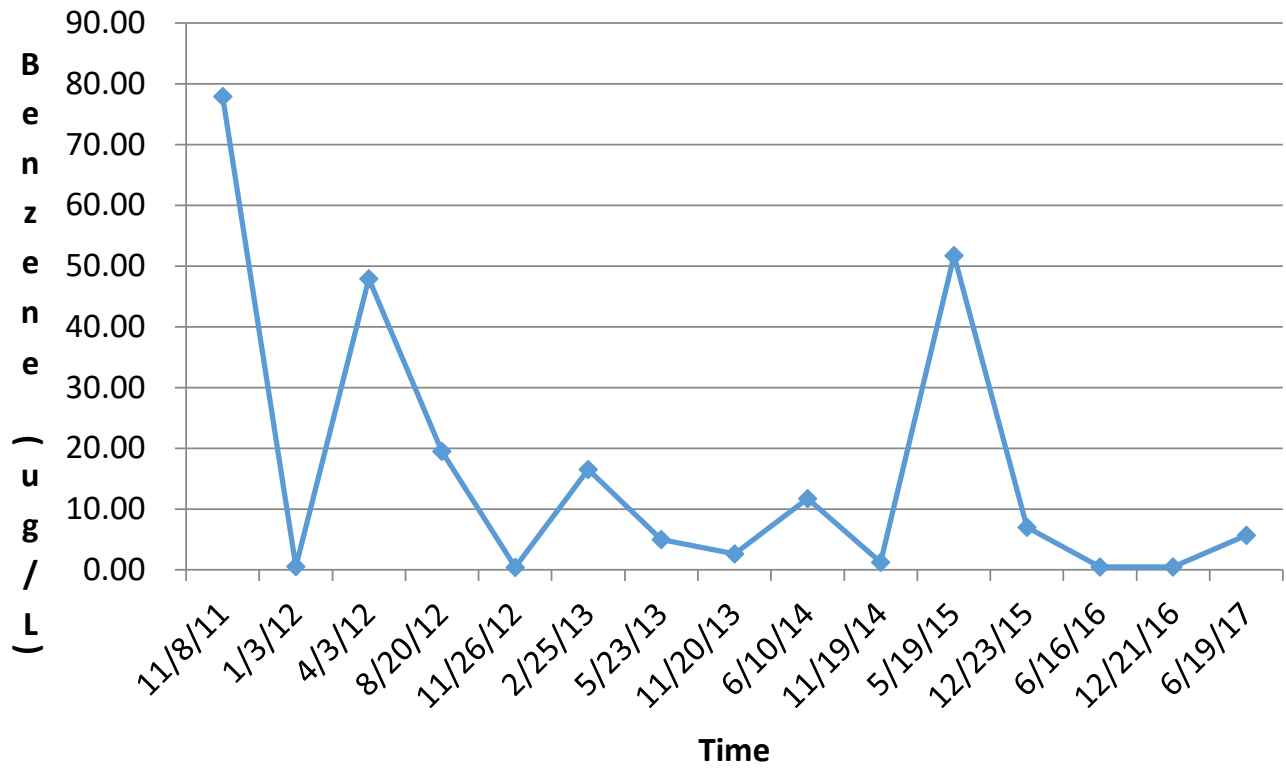
Facility ID#: 11/8839176

Facility Name: Combs Oil Co. Bulk Plant

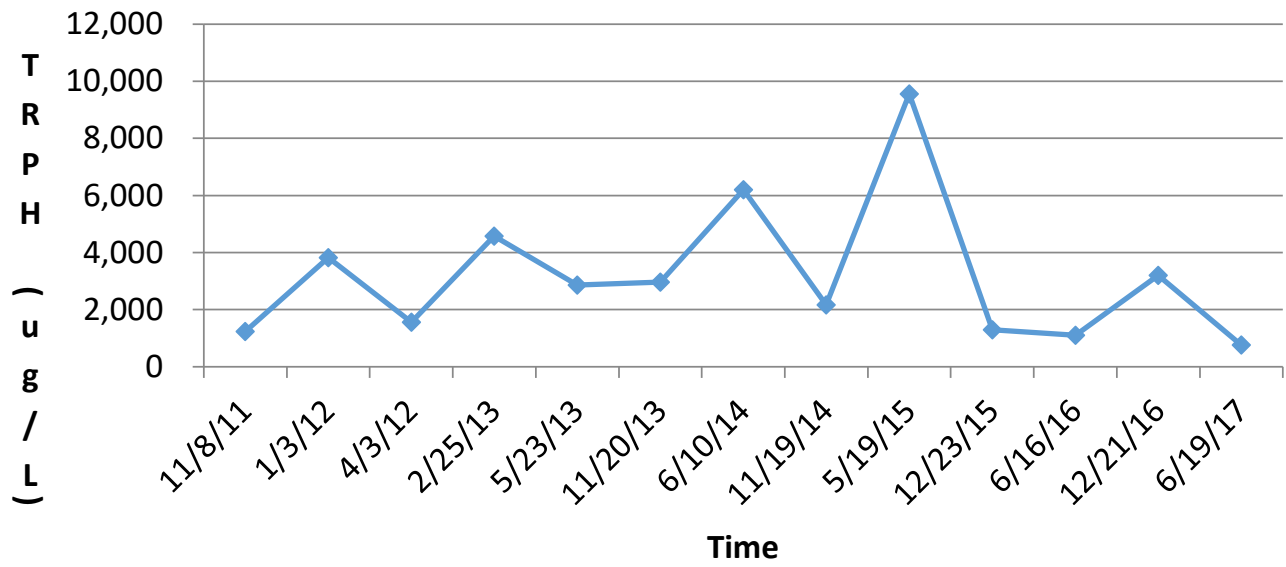
Sample		Nitrate	Dissolved Iron	Orthophosphate Phosphorus	Sulfate	Methane
Location	Date	(mg/L)	(µg/L)	(mg/L)	(mg/L)	(ug/L)
MW6	11/19/2014	0.160	5000	0.00600	4.89	1340
MW8	11/19/2014	0.129	3240	0.0118	2.78	896
MW28	11/19/2014	0.106 U	506	0.201	31.6	1400

U = Constituent not detected to the level shown.

# MW5 Benzene Concentration

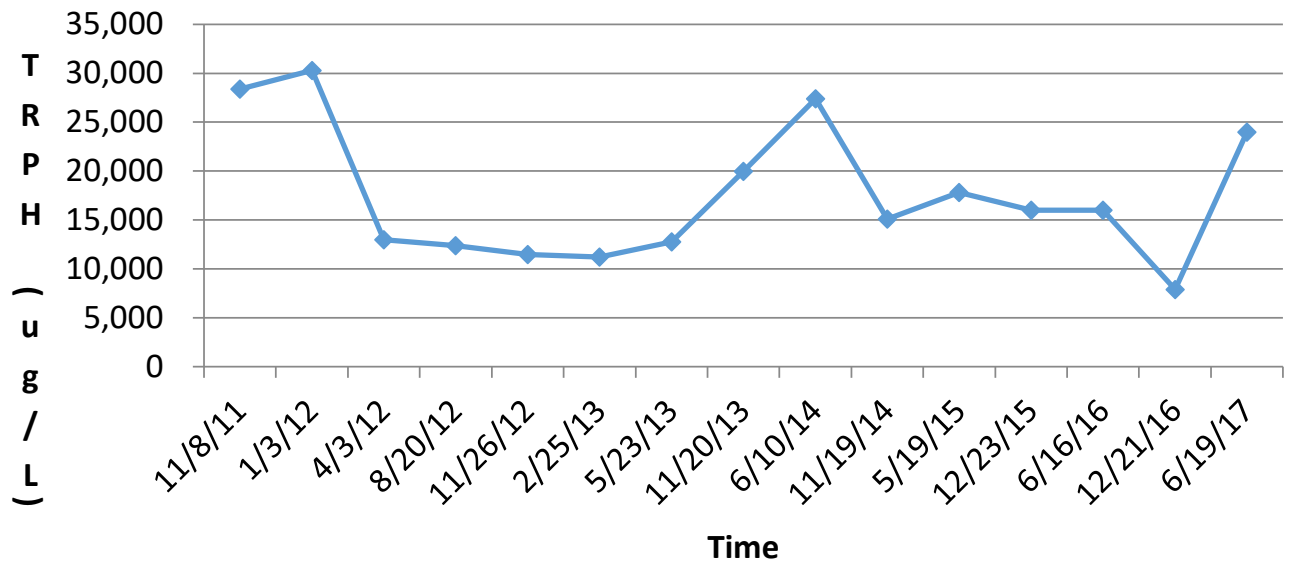


## MW6 TRPH Concentration

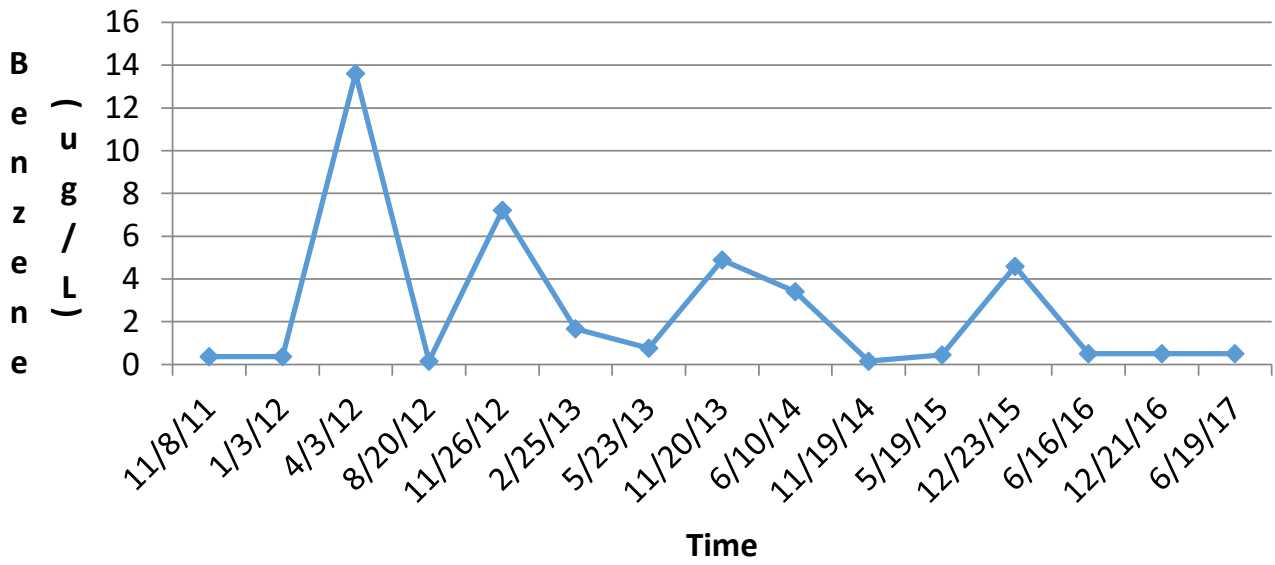




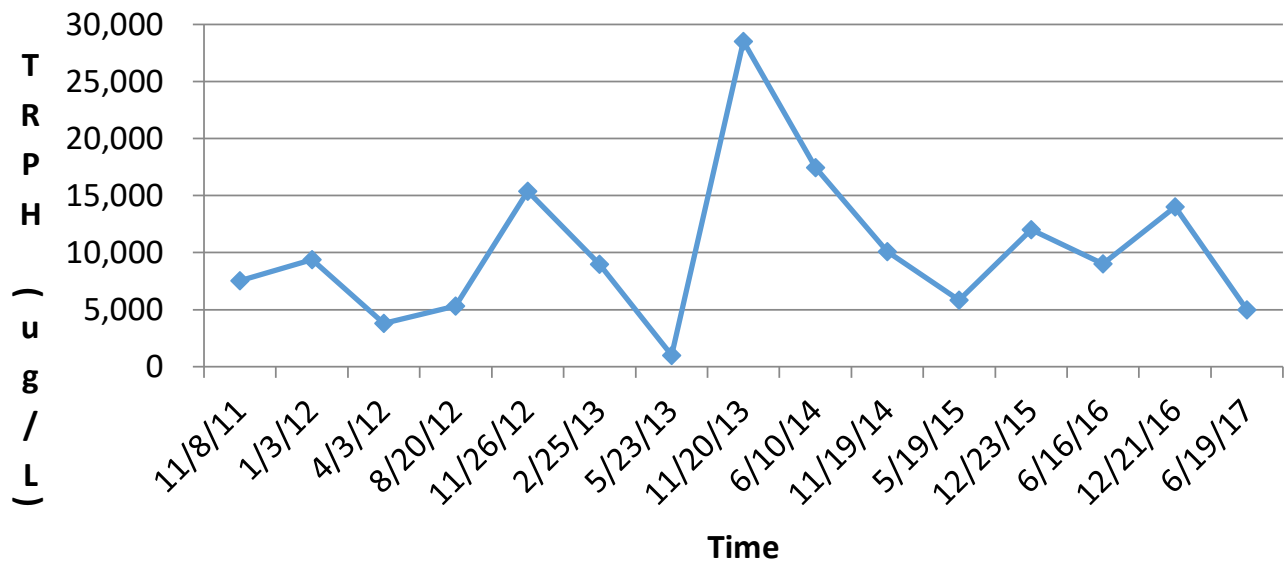
# MW7 TRPH Concentration



# MW8 Benzene Concentration



# MW28 TRPH Concentration



---

## **APPENDIX C**



Advanced Environmental Laboratories, Inc  
9610 Princess Palm Ave Tampa, FL 33619  
Payments: P.O. Box 551580 Jacksonville, FL 32255-1580  
Phone: (813)630-9616  
Fax: (813)630-4327

June 27, 2017

Jeff Morgan  
MDM Services  
1055 Kathleen Rd  
Lakeland, FL

RE: Workorder: T1710585 Combs Oil

Dear Jeff Morgan:

Enclosed are the analytical results for sample(s) received by the laboratory on Tuesday, June 20, 2017. Results reported herein conform to the most current NELAC standards, where applicable, unless otherwise narrated in the body of the report. The analytical results for the samples contained in this report were submitted for analysis as outlined by the Chain of Custody and results pertain only to these samples.

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

Sincerely,

A handwritten signature in black ink that reads 'Angela Harlan'.

Angela Harlan - Client Services Manager  
AHarlan@AELLab.com

Enclosures

Report ID: 493659 - 794922

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### SAMPLE SUMMARY

Workorder: T1710585 Combs Oil

Lab ID	Sample ID	Matrix	Date Collected	Date Received
T1710585001	MW-5	Water	6/19/2017 11:01	6/20/2017 10:30
T1710585002	MW-6	Water	6/19/2017 11:17	6/20/2017 10:30
T1710585003	MW-7	Water	6/19/2017 11:35	6/20/2017 10:30
T1710585004	MW-8	Water	6/19/2017 11:51	6/20/2017 10:30
T1710585005	MW-28	Water	6/19/2017 12:07	6/20/2017 10:30

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### ANALYTICAL RESULTS

Workorder: T1710585 Combs Oil

Lab ID: **T1710585001** Date Received: 06/20/17 10:30 Matrix: Water  
Sample ID: **MW-5** Date Collected: 06/19/17 11:01

Sample Description: Location:

Parameters	Results	Qual	Units	DF	Adjusted PQL	Adjusted MDL	Analyzed	Lab
<b>VOLATILES</b>								
Analysis Desc: 8260B Analysis, Water			Preparation Method: SW-846 5030B					
			Analytical Method: SW-846 8260B					
Benzene	5.7		ug/L	1	1.0	0.17	6/21/2017 20:59	T
Ethylbenzene	0.26	U	ug/L	1	1.0	0.26	6/21/2017 20:59	T
Methyl tert-butyl Ether (MTBE)	3.4		ug/L	1	1.0	0.41	6/21/2017 20:59	T
Toluene	0.45	U	ug/L	1	1.0	0.45	6/21/2017 20:59	T
Xylene (Total)	1.1	U	ug/L	1	3.0	1.1	6/21/2017 20:59	T
1,2-Dichloroethane-d4 (S)	88		%	1	70-128		6/21/2017 20:59	
Toluene-d8 (S)	102		%	1	77-119		6/21/2017 20:59	
Bromofluorobenzene (S)	98		%	1	86-123		6/21/2017 20:59	

Lab ID: **T1710585002** Date Received: 06/20/17 10:30 Matrix: Water  
Sample ID: **MW-6** Date Collected: 06/19/17 11:17

Sample Description: Location:

Parameters	Results	Qual	Units	DF	Adjusted PQL	Adjusted MDL	Analyzed	Lab
<b>SEMIVOLATILES</b>								
Analysis Desc: FL-PRO Analysis, Water			Preparation Method: FL-PRO					
			Analytical Method: FL-PRO					
TPH	0.76		mg/L	1	0.63	0.56	6/23/2017 11:58	T
o-Terphenyl (S)	91		%	1	82-142		6/23/2017 11:58	
Nonatricontane-C39 (S)	77		%	1	42-193		6/23/2017 11:58	

Lab ID: **T1710585003** Date Received: 06/20/17 10:30 Matrix: Water  
Sample ID: **MW-7** Date Collected: 06/19/17 11:35

Sample Description: Location:

Parameters	Results	Qual	Units	DF	Adjusted PQL	Adjusted MDL	Analyzed	Lab
<b>SEMIVOLATILES</b>								

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## ANALYTICAL RESULTS

Workorder: T1710585 Combs Oil

Lab ID: **T1710585003** Date Received: 06/20/17 10:30 Matrix: Water  
Sample ID: **MW-7** Date Collected: 06/19/17 11:35

Sample Description: Location:

Parameters	Results	Qual	Units	DF	Adjusted PQL	Adjusted MDL	Analyzed	Lab
Analysis Desc: FL-PRO Analysis, Water		Preparation Method: FL-PRO						
		Analytical Method: FL-PRO						
TPH	<b>24</b>		<b>mg/L</b>	<b>1</b>	0.63	0.56	6/23/2017 06:27	T
o-Terphenyl (S)	<b>191</b>	<b>J4</b>	<b>%</b>	<b>1</b>	82-142		6/23/2017 06:27	
Nonatricontane-C39 (S)	<b>64</b>		<b>%</b>	<b>1</b>	42-193		6/23/2017 06:27	

Lab ID: **T1710585004** Date Received: 06/20/17 10:30 Matrix: Water  
Sample ID: **MW-8** Date Collected: 06/19/17 11:51

Sample Description: Location:

Parameters	Results	Qual	Units	DF	Adjusted PQL	Adjusted MDL	Analyzed	Lab
Analysis Desc: 8260B Analysis, Water		Preparation Method: SW-846 5030B						
		Analytical Method: SW-846 8260B						
Benzene	<b>0.37</b>	<b>I</b>	<b>ug/L</b>	<b>1</b>	1.0	0.17	6/21/2017 21:47	T
Ethylbenzene	<b>0.26</b>	<b>U</b>	<b>ug/L</b>	<b>1</b>	1.0	0.26	6/21/2017 21:47	T
Methyl tert-butyl Ether (MTBE)	<b>0.41</b>	<b>U</b>	<b>ug/L</b>	<b>1</b>	1.0	0.41	6/21/2017 21:47	T
Toluene	<b>0.45</b>	<b>U</b>	<b>ug/L</b>	<b>1</b>	1.0	0.45	6/21/2017 21:47	T
Xylene (Total)	<b>1.1</b>	<b>U</b>	<b>ug/L</b>	<b>1</b>	3.0	1.1	6/21/2017 21:47	T
1,2-Dichloroethane-d4 (S)	<b>103</b>		<b>%</b>	<b>1</b>	70-128		6/21/2017 21:47	
Toluene-d8 (S)	<b>100</b>		<b>%</b>	<b>1</b>	77-119		6/21/2017 21:47	
Bromofluorobenzene (S)	<b>98</b>		<b>%</b>	<b>1</b>	86-123		6/21/2017 21:47	

Lab ID: **T1710585005** Date Received: 06/20/17 10:30 Matrix: Water  
Sample ID: **MW-28** Date Collected: 06/19/17 12:07

Sample Description: Location:

Parameters	Results	Qual	Units	DF	Adjusted PQL	Adjusted MDL	Analyzed	Lab
Analysis Desc: FL-PRO Analysis, Water		Preparation Method: FL-PRO						
		Analytical Method: FL-PRO						

Report ID: 493659 - 794922

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### ANALYTICAL RESULTS

Workorder: T1710585 Combs Oil

Lab ID: **T1710585005**

Date Received: 06/20/17 10:30 Matrix: Water

Sample ID: **MW-28**

Date Collected: 06/19/17 12:07

Sample Description:

Location:

Parameters	Results	Qual	Units	DF	Adjusted PQL	Adjusted MDL	Analyzed	Lab
TPH	<b>5.0</b>		<b>mg/L</b>	<b>1</b>	0.63	0.56	6/23/2017 06:55	T
o-Terphenyl (S)	<b>82</b>		<b>%</b>	<b>1</b>	82-142		6/23/2017 06:55	
Nonatricontane-C39 (S)	<b>58</b>		<b>%</b>	<b>1</b>	42-193		6/23/2017 06:55	

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## ANALYTICAL RESULTS QUALIFIERS

Workorder: T1710585 Combs Oil

---

### PARAMETER QUALIFIERS

- U 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.
- J4 Estimated Result

### LAB QUALIFIERS

- T DOH Certification #E84589(AEL-T)(FL NELAC Certification)

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### QUALITY CONTROL DATA

Workorder: T1710585 Combs Oil

QC Batch: MSVt/3203 Analysis Method: SW-846 8260B  
QC Batch Method: SW-846 5030B Prepared: 06/21/2017 12:57  
Associated Lab Samples: T1710585001, T1710585004

METHOD BLANK: 2387090

Parameter	Units	Blank Result	Reporting Limit Qualifiers
VOLATILES			
Methyl tert-butyl Ether (MTBE)	ug/L	0.41	0.41 U
Benzene	ug/L	0.17	0.17 U
Toluene	ug/L	0.45	0.45 U
Ethylbenzene	ug/L	0.26	0.26 U
Xylene (Total)	ug/L	1.1	1.1 U
1,2-Dichloroethane-d4 (S)	%	90	70-128
Toluene-d8 (S)	%	103	77-119
Bromofluorobenzene (S)	%	95	86-123

LABORATORY CONTROL SAMPLE: 2387091

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits Qualifiers
VOLATILES					
Methyl tert-butyl Ether (MTBE)	ug/L	20	18	92	70-130
Benzene	ug/L	20	19	93	70-130
Toluene	ug/L	20	21	107	70-130
Ethylbenzene	ug/L	20	20	100	70-130
Xylene (Total)	ug/L	60	61	101	70-130
1,2-Dichloroethane-d4 (S)	%			90	70-128
Toluene-d8 (S)	%			97	77-119
Bromofluorobenzene (S)	%			110	86-123

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2387092 2387093 Original: T1710558003

Parameter	Units	Original Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	Max RPD	RPD	Qualifiers
VOLATILES											
Methyl tert-butyl Ether (MTBE)	ug/L	0	20	17	17	87	87	70-130	0	30	
Benzene	ug/L	0	20	19	19	95	97	70-130	2	30	
Toluene	ug/L	0	20	22	21	109	106	70-130	3	30	

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### QUALITY CONTROL DATA

Workorder: T1710585 Combs Oil

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2387092 2387093 Original: T1710558003

Parameter	Units	Original Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	Max RPD	RPD	Qualifiers
Ethylbenzene	ug/L	0.36	20	22	21	109	106	70-130	3	30	
Xylene (Total)	ug/L	0	60	67	64	111	107	70-130	4	30	
1,2-Dichloroethane-d4 (S)	%	90				92	90	70-128	2		
Toluene-d8 (S)	%	99				97	92	77-119	5		
Bromofluorobenzene (S)	%	116				115	115	86-123	0		

QC Batch: EXTt/2428

Analysis Method: FL-PRO

QC Batch Method: FL-PRO

Prepared: 06/22/2017 10:15

Associated Lab Samples: T1710585002, T1710585003, T1710585005

METHOD BLANK: 2387107

Parameter	Units	Blank Result	Reporting Limit	Qualifiers
SEMIVOLATILES				
TPH	mg/L	0.60	0.60	U
o-Terphenyl (S)	%	85	82-142	
Nonatricontane-C39 (S)	%	63	42-193	

LABORATORY CONTROL SAMPLE: 2387108

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
SEMIVOLATILES						
TPH	mg/L	3.4	3.0	87	55-118	
o-Terphenyl (S)	%			82	82-142	
Nonatricontane-C39 (S)	%			63	42-193	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2387109 2387110 Original: T1710568006

Parameter	Units	Original Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	Max RPD	RPD	Qualifiers
SEMIVOLATILES											
TPH	mg/L	0.082	3.4	3.3	3.1	96	92	41-101	4	20	
o-Terphenyl (S)	%					103	98	82-142	5	20	
Nonatricontane-C39 (S)	%					83	79	42-193	4	20	

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## QUALITY CONTROL DATA

Workorder: T1710585 Combs Oil

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**QUALITY CONTROL DATA CROSS REFERENCE TABLE**

Workorder: T1710585 Combs Oil

Lab ID	Sample ID	Prep Method	Prep Batch	Analysis Method	Analysis Batch
T1710585001	MW-5	SW-846 5030B	MSVt/3203	SW-846 8260B	MSVt/3204
T1710585004	MW-8	SW-846 5030B	MSVt/3203	SW-846 8260B	MSVt/3204
T1710585002	MW-6	FL-PRO	EXTt/2428	FL-PRO	GCSst/1915
T1710585003	MW-7	FL-PRO	EXTt/2428	FL-PRO	GCSst/1915
T1710585005	MW-28	FL-PRO	EXTt/2428	FL-PRO	GCSst/1915

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Queue: GCSt

Batch Number: 1915

**I. Receipt**

S1700919022:

The above sample arrived in an improperly preserved bottle for FL PRO analysis. The analyst preserved the sample to <2 per method criteria before extraction. No further corrective action was required.

**II. Holding Times**

Preparation: All holding times were met.

Analysis: All holding times were met.

**III. Method**

Analysis: FL-PRO

Preparation: FL-PRO

**IV. Preparation**

Sample preparation proceeded normally.

**V. Analysis**

A. Calibration: All acceptance criteria were met.

B. Blanks: All acceptance criteria were met.

C. Surrogates: T1710585003:  
The control criterion was exceeded for o-Terphenyl in the above sample due to visible matrix interference. The affected surrogate was qualified accordingly. No further corrective action was required.

D. Spikes: All acceptance criteria were met.

E. Internal Standard: All acceptance criteria were met.

F. Samples: Sample analyses proceeded normally.

G. Other:

I certify that this data package is in compliance with the terms and conditions agreed to by Advanced Environmental Laboratories, Inc. and by the client, both technically and for completeness, except for the conditions detailed above. The Quality Assurance Officer, or designee, as verified by the following signature, has authorized release of the data contained in this data package:



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 Jacksonville: 6681 Southpoint Pkwy. • Jacksonville, FL 32216 • 904.363.9390 • Fax: 904.363.9354  
 Tallahassee: 2639 North Monroe St., Suite D, Tallahassee, FL 32305 • 900.219.6274 • Fax: 900.219.6275  
 Gainesville: 4865 SW 41st Blvd. • Gainesville, FL 32608 • 352.377.2349 • Fax: 352.356.8839  
 Miramar: 10200 USA Today Way, Miramar, FL 33025 • 954.869.2289 • Fax: 954.999.2281  
 Tampa: 9610 Process Palm Ave. • Tampa, FL 33619 • 813.830.9616 • Fax: 813.830.4327

Client Name: MDM Services Inc. Project Name: Combs O.1  
 Address: 1055 Kahleka Rd. Project Number: 20815  
 Phone: 10404rd, Fl. 33805 PO Number: 20815  
 AX: 813-6416-9130 FDEP Facility No.: 118839176  
 Contact: Jeff Mosquin FDEP Facility Address: 525 E. Main St. Emeraldale, FL  
 Sampled By: Daniel Davis Special Instructions:

um Around Time:  STANDARD  RUSH  
 EL Profile #:  
 ADAPT  EQUIS  Other

SAMPLE ID	SAMPLE DESCRIPTION	Grab Comp	SAMPLING		MATRIX	NO. COUNT	Preservation Filtered	ANALYSIS REQUIRED	BOTTLE SIZE & TYPE	LABORATORY I.D. NUMBER
			DATE	TIME						
MW-5			6/19/17	11:01	GW	3	X	BTEX/MPBE		001
MW-6			6/19/17	11:17	GW	2		TRPH		002
MW-7			6/19/17	11:35	GW	1	X	MS(MSD)		003
MW-8			6/19/17	11:51	GW	3	X			004
MW-23			6/19/17	12:07	GW	1	X			005

Matrix Code: WW = wastewater SW = surface water GW = ground water DW = drinking water O = oil A = air SO = soil SL = sludge  
 received on ice  Yes  No  Temp taken from sample  Temp from blank  Where required, pH checked  
 Form last revised 1/1/17/16  
 Device used for measuring Temp by unique identifier (circle IR temp gun used) J: 9A G: LT-1 LT-2 T: 109 A: 3A M: 3A S: 1V  
 Temp. when received (observed) 42 °C Temp. when received (corrected) \_\_\_\_\_ °C  
 Temp. when received (observed) \_\_\_\_\_ °C Temp. when received (corrected) \_\_\_\_\_ °C  
 Relinquished by: \_\_\_\_\_ Date: \_\_\_\_\_ Time: \_\_\_\_\_ Received by: \_\_\_\_\_ Date: \_\_\_\_\_ Time: \_\_\_\_\_  
 1. \_\_\_\_\_ 9:45 6/20/17 9:45  
 2. \_\_\_\_\_ 6/20/17 10:30  
 3. \_\_\_\_\_  
 4. \_\_\_\_\_  
**FOR DRINKING WATER USE:**  
 (When PWS information not otherwise supplied) PWS ID: \_\_\_\_\_ Phone: \_\_\_\_\_  
 Contact Person: \_\_\_\_\_  
 Supplier of Water: \_\_\_\_\_  
 Site Address: \_\_\_\_\_

77710585



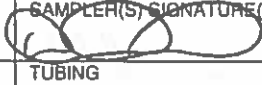
**DEP Form FD 9000-24: GROUNDWATER SAMPLING LOG**

SITE NAME: Combs Oil	SITE LOCATION: 525 E. Main St., Immokalee, FL.
WELL NO: MW-5	SAMPLE ID: MW-5
DATE: 6/19/2017	

**PURGING DATA**

WELL DIAMETER (inches): 4	TUBING DIAMETER (inches): 0.25	WELL SCREEN INTERVAL DEPTH: 1.5 feet to 11 feet	STATIC DEPTH TO WATER (feet): 3.10	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) $= (11 \text{ feet} - 3.10 \text{ feet}) \times 0.65 \text{ gallons/foot} = 1.710 \text{ gallons}$											
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): 5.0	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 5.0	PURGING INITIATED AT: 10:50	PURGING ENDED AT: 11:01	TOTAL VOLUME PURGED (gallons): 2.20							
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 mS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
10:57	1.40	1.40	.20	3.41	6.1	28.2	0.49	0.22	20	clear	petrol
10:59	.40	1.80	.20	3.41	6.1	28.2	0.49	0.21	18	" "	" "
11:01	.40	2.20	.20	3.41	6.1	28.2	0.49	0.19	17	" "	" "
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: Daniel Davis/MDM Services				SAMPLER(S) SIGNATURE(S): 				SAMPLING INITIATED AT: 11:01		SAMPLING ENDED AT: 11:02		
PUMP OR TUBING DEPTH IN WELL (feet): 5.0				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						
MW-5	3	CG	40 mL	HCL			BTEX/MTBE		APP		300	
REMARKS: ORP = 099												
MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; HDPE = High Density Polyethylene; LDPE = Low Density Polyethylene; 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)

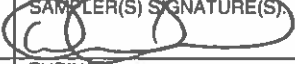
DEP Form FD 9000-24: GROUNDWATER SAMPLING LOG

SITE NAME: Combs Oil	SITE LOCATION: 525 E. Main St., Immokalee, FL.
WELL NO: MW-6	SAMPLE ID: MW-6
DATE: 6/19/2017	

**PURGING DATA**

WELL DIAMETER (inches): 4	TUBING DIAMETER (inches): 0.25	WELL SCREEN INTERVAL DEPTH: 1.5 feet to 11 feet	STATIC DEPTH TO WATER (feet): 2.90	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) = ( 11 feet - 2.90 feet ) X 0.65 gallons/foot = 1.29 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): 4.5	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 5.0	PURGING INITIATED AT: 11:06	PURGING ENDED AT: 11:17	TOTAL VOLUME PURGED (gallons): 2.20							
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 mS/cm	DISSOLVED OXYGEN (circle units) (mg/L or % saturation)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
11:13	1.40	1.40	.20	3.05	6.2	27.9	0.71	0.10	10.7	clear	petrol
11:15	.40	1.80	.20	3.05	6.2	27.9	0.71	0.09	8.2	-	-
11:17	.40	2.20	.20	3.05	6.2	27.9	0.71	0.09	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: Daniel Davis/MDM Services				SAMPLER(S) SIGNATURE(S): 				SAMPLING INITIATED AT: 11:17		SAMPLING ENDED AT: 11:21		
PUMP OR TUBING DEPTH IN WELL (feet): 5.0				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						
MW-6	1	AG	250 mL	H2SO4			TRPH		APP		300	
MW-6	1	AG	1000 mL	H2SO4			MS/MSD		APP		300	
REMARKS: ORP = 050												
MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; HDPE = High Density Polyethylene; LDPE = Low Density Polyethylene; 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: Combs Oil		SITE LOCATION: 525 E. Main St., Immokalee, FL.	
WELL NO: MW-7		SAMPLE ID: MW-7	DATE: 6/19/2017

PURGING DATA

WELL DIAMETER (inches): 4		TUBING DIAMETER (inches): 0.25		WELL SCREEN INTERVAL DEPTH: 1.5 feet to 11 feet		STATIC DEPTH TO WATER (feet): 3.50		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) = ( 11 feet - 3.50 feet ) X 0.65 gallons/foot = 1.20 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): 5.5		FINAL PUMP OR TUBING DEPTH IN WELL (feet): 5.5		PURGING INITIATED AT: 11:25		PURGING ENDED AT: 11:35		TOTAL VOLUME PURGED (gallons): 2.00			
TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) $\mu\text{mhos/cm}$ or mS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
11:31	1.20	1.20	.20	3.79	6.4	27.6	0.88	0.25	17	clear	petrol
11:33	.40	1.60	.20	3.79	6.4	27.6	0.85	0.26	19	" "	" "
11:35	.40	2.00	.20	3.79	6.4	27.7	0.86	0.28	20	" "	" "
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: Daniel Davis/MDM Services				SAMPLER(S) SIGNATURE(S): 				SAMPLING INITIATED AT: 11:35		SAMPLING ENDED AT: 11:36	
PUMP OR TUBING DEPTH IN WELL (feet): 5.5				TUBING MATERIAL CODE: HDPE				FIELD-FILTERED: Y <input checked="" type="checkbox"/> N <input type="checkbox"/>		FILTER SIZE: _____ $\mu\text{m}$	
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					
MW-7	1	AG	250 mL	H2SO4			TRPH	APP	300		
REMARKS: ORP = 075											
MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; HDPE = High Density Polyethylene; LDPE = Low Density Polyethylene; 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:  $\pm 0.2$  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)


**DEP Form FD 9000-24: GROUNDWATER SAMPLING LOG**

SITE NAME: Combs Oil	SITE LOCATION: 525 E. Main St., Immokalee, FL.
WELL NO: MW-8	SAMPLE ID: MW-8
DATE: 6/19/2017	

**PURGING DATA**

WELL DIAMETER (inches): 4	TUBING DIAMETER (inches): 0.25	WELL SCREEN INTERVAL DEPTH: 1.5 feet to 11 feet	STATIC DEPTH TO WATER (feet): 3.10	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) = ( 11 feet - 3.10 feet ) X 0.65 gallons/foot = 1.20 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): 5.0	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 5.0	PURGING INITIATED AT: 11:40	PURGING ENDED AT: 11:51	TOTAL VOLUME PURGED (gallons): 2.20							
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 (mS/cm)	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
11:47	1.40	1.40	.20	3.41	6.0	28.0	.80	0.40	16.7	Clear	none
11:49	.40	1.80	.20	3.41	6.0	28.0	.80	0.41	15.1	" "	" "
11:51	.40	2.20	.20	3.41	6.0	28.0	.80	0.42	14.2	" "	" "
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: Daniel Davis/MDM Services				SAMPLER(S) SIGNATURE(S): 			SAMPLING INITIATED AT: 11:51		SAMPLING ENDED AT: 11:52	
PUMP OR TUBING DEPTH IN WELL (feet): 5.0				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				
MW-8	3	CG	40 mL	HCL			BTEX/MTBE		APP	300
REMARKS: ORP = 055										
MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; HDPE = High Density Polyethylene; LDPE = Low Density Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)										
SAMPLING EQUIPMENT CODES: APP = After (Through) Peristaltic Pump; RFPP = Reverse Flow Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible 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: Combs Oil	SITE LOCATION: 525 E. Main St., Immokalee, FL.
WELL NO: MW-28	SAMPLE ID: MW-28
DATE: 6/19/2017	

**PURGING DATA**

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 0.25	WELL SCREEN INTERVAL DEPTH: 2 feet to 12 feet	STATIC DEPTH TO WATER (feet): 3.47	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 - 3.47 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 = _____ gallons											
INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 5.0	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 5.5	PURGING INITIATED AT: 11:50	PURGING ENDED AT: 12:07	TOTAL VOLUME PURGED (gallons): 2.20							
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 (mS/cm)	DISSOLVED OXYGEN (circle units) (mg/L or % saturation)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
12:03	1.40	1.40	.20	3.61	6.3	27.9	0.51	0.30	20	Clear	none
12:05	.40	1.80	.20	3.61	6.3	27.9	0.51	0.32	19	" "	" "
12:07	.40	2.20	.20	3.61	6.3	27.9	0.51	0.35	20	-- --	-- --
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: Daniel Davis/MDM Services				SAMPLER(S) SIGNATURE(S): 			SAMPLING INITIATED AT: 12:07		SAMPLING ENDED AT: 12:08	
PUMP OR TUBING DEPTH IN WELL (feet): 5.5				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				
MW-28	1	AG	250 mL	H2SO4			TRPH		APP	300
REMARKS: ORP = 082										
MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; HDPE = High Density Polyethylene; LDPE = Low Density Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)										
SAMPLING EQUIPMENT CODES: APP = After (Through) Peristaltic Pump; RFPP = Reverse Flow Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible 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)

Form FD 9000-8: FIELD INSTRUMENT CALIBRATION RECORDS

INSTRUMENT (MAKE/MODEL#) YSI 550/Lamotte 2020/Hanna INSTRUMENT # 2/2/2

PARAMETER:

- TEMPERATURE     CONDUCTIVITY     SALINITY     pH     ORP  
 TURBIDITY     RESIDUAL CI     DO     OTHER \_\_\_\_\_

**STANDARDS:** [Specify the type(s) of standards used for calibration the origin of the standards, the standard values and the date the standards were prepared or purchased]

Standard A turbidity-10.0 exp. : conductivity-1,000 exp. pH-7.00 exp DO-100%-DI water

Standard B turbidity-1.0 exp. : conductivity-500 exp. pH-4.00 exp

Standard C \_\_\_\_\_

DATE (yy/mm/dd)	TIME (hr:min)	STD (A, B, C)	STD VALUE	INSTRUMENT RESPONSE	% DEV	CALIBRATED (YES NO)	TYPE (INIT. CONT)	SAMPLER INITIALS
17/6/19	10:40	A/B	10.0/1.0 turbidity	10.0	0	N		[Signature]
17/6/19	10:42	A/B	1,000/500 Conduct.	1000	0	N		[Signature]
17/6/19	10:44	A/B	7.00/4.00 pH	7.0	0	N		[Signature]
17/6/19	10:46	A	100% DO	100%	0	N		[Signature]
17/6/19	12:10	A/B	10.0/1.0 turbidity	10.0	0	N		[Signature]
17/6/19	12:12	A/B	1,000/500 Conduct.	999	1	N		[Signature]
17/6/19	12:14	A/B	7.00/4.00 pH	7.0	0	N		[Signature]
17/6/19	12:16	A	100% DO	98%	2	N		[Signature]

Location 525 E. Main St., Immaculate Date 6/19/17Project / Client Combs O. I20815FAC# 118839176

- 7:30 - Daniel Davis left MDM Lakeland office in MDM's Nissan Maxima en route to site. >100 miles.
- 10:25 - Arrived on site. TOOK Wt Round:
- MW-5: 3.17    MW-6: 2.90    MW-7: 3.50  
 MW-8: 3.10    MW-28: 3.47
- 10:40 - Checked calibration of meters. See cal. log.
- 10:50 - Began purging MW-5. \_\_\_\_\_
- 11:02 - Sampled MW-5. \_\_\_\_\_
- 11:06 - Began purging MW-6. \_\_\_\_\_
- 11:21 - Sampled MW-6. \_\_\_\_\_
- 11:25 - Began purging MW-7. \_\_\_\_\_
- 11:36 - Sampled MW-7. \_\_\_\_\_
- 11:40 - Began purging MW-8. \_\_\_\_\_
- 11:52 - Sampled MW-8. \_\_\_\_\_
- 11:56 - Began purging MW-28. \_\_\_\_\_
- 12:08 - Sampled MW-28. \_\_\_\_\_
- 12:10 - Checked calibration of meters. See cal. log.
- 12:30 - All samples packed in ice. Packed up & left site en route to MDM Lakeland office. >100 miles. \_\_\_\_\_

***Site 28 – Davis Oil Company  
(also known as Sunoco Gas Station, Gator Food Store,  
and Oleum Corp)***





# Department of Environmental Protection

2600 Blair Stone Road • Tallahassee, Florida 32399-2400

## DISCHARGE REPORT FORM

DEP Form: 62-761.900(1)  
Form Title: Discharge Report Form  
Effective Date: January 2017  
Incorporated in Rule 62-761.405, F.A.C.

Complete all applicable blanks, and submit copies of any analytical or field test results confirming contamination to soils, surface water, or groundwater to the County via email or mail.

Facility ID Number (if Registered): 11/8518121 Date of Form Completion: 1/24/18 Date of Discovery: 12/12/2017  
Facility Name: Gator Foods Inc County: 11- Collier  
Facility (Property) Owner: Cecil R. Howell Telephone Number: 863-673-8930  
Owner Mailing Address: PO Box 610, Immokalee, FL 34143  
Location of Discharge (Facility Street Address): 730 E Main Street, Immokalee, FL Lat/Long: \_\_\_\_\_  
Date of receipt of any test or analytical results confirming a discharge: 12/12/2018 Estimated number of gallons discharged: Unknown

Discharge affected: (Check all that apply)  
 Soil  Groundwater  Soil water (water body name) \_\_\_\_\_  
 Drinking water well(s)  Shoreline  Other (specify) \_\_\_\_\_

Evidence of discharge: (Check all that apply)  
 Visual observation of sheen  Results or receipt of results of analytical tests  Stained soils  
 Visual observation of free product  Spill or vehicle overflow > 25 gallons to a pervious surface  Other (explain in comments)

Method of discovery and confirmation of discharge: (Check all that apply, see rule language explanation on instructions for this form)  
 Visual observation  Closure/Closure sampling assessment  Surface water analytical results  
 Groundwater analytical results  Soil analytical results  Other (specify) \_\_\_\_\_

Type of regulated substance discharged: (Check all that apply)  
 Gasoline  Jet fuel  Mineral acids (ASTs)  
 Diesel  Used/waste oil  Ammonia compound  Chlorine compound  
 Heating oil  New motor/lube oil  Biofuel blends  
 Kerosene  Pesticide  Unknown  
 Aviation gas  Grade 5 & 6 residual oils  Other (specify) \_\_\_\_\_  
 Hazardous substance (USTs) - write name or Chemical Abstract Service (CAS) #: \_\_\_\_\_

Discharge originated from: (Check all that apply)  
 Tank  Other secondary containment  Railroad tankcar  
 Piping  Fitting or pipe connection  Barge, tanker ship or other vessel  
 Spill bucket  Valve  Pipeline  
 Dispenser  Tank truck  Drum  
 Piping sump  Vehicle or customer vehicle  Unknown  
 Dispenser sump  Aircraft  Other (specify) \_\_\_\_\_

Cause of the discharge: (Check all that apply)  
 Spill  Material failure (crack, split, etc.)  Collision  Weather  
 Overflow  Material incompatibility  Vehicle accident  Human error  
 Corrosion  Improper installation  Fire/explosion  Unknown  
 Puncture  Loose connection  Vandalism  Other (specify) Damaged Boots

Actions taken in response to the discharge:  
A source removal was completed around the diesel dispenser island with elevated OVA readings during closure assessment.

Comments:  
\_\_\_\_\_

Agencies notified (as applicable):  
 Fire Department  County Program Collier  District Office  State Watch Office  National Response Center  
800-320-0519 800-424-8802

To the best of my knowledge and belief, all information submitted on this form is true, accurate and complete.

Cecil Howell, property owner  
Printed Name of Owner, Operator or Authorized Representative

*Cecil Howell*  
Signature of Owner, Operator or Authorized Representative



DEP Form # 62-761.900(6)
Form Title Incident Notification Form
Effective Date: July 13, 1998

Incident Notification Form

PLEASE PRINT OR TYPE

Instructions are on the reverse side. Please complete all applicable blanks

1. Facility ID Number (if registered): 118518121 2. Date of form completion: 7/21/17

3. General information

Facility name: Gator Foods, Inc
Facility Owner or Operator: Gator Foods, Inc.
Contact Person: Brian Davis Telephone number: ( 239 ) 5654477 County: Collier
Facility mailing address: 726 E Main Street, Immokalee, FL 34142
Location of incident (facility street address): 726 E Main Street, Immokalee, FL 34142
Latitude and Longitude of incident (If known.)

4. Date of Discovery of incident: 8/23/16 month/day/year

5. Monitoring method that indicates a possible release or an incident: (check all that apply)

- Checkboxes for monitoring methods: Liquid detector, Vapor detector, Tightness test, Pressure test, Breach of integrity test, Visual observation, Groundwater samples, Monitoring wells, Internal inspection, Odors in the vicinity, Automatic tank gauging, Manual tank gauging, Closure, Inventory control, Statistical Inventory Reconciliation, Groundwater analytical samples, Soil analytical tests or samples, Other

6. Type of regulated substance stored in the storage system: (check one)

- Checkboxes for substance types: Diesel, Gasoline, Heating oil, Used/waste oil, Aviation gas, Jet fuel, New/lube oil, Kerosene, Other

7. Incident involves or originated from a: (check all that apply)

- Checkboxes for incident sources: Tank, Piping sump, Loss of >100 gallons to an impervious surface other than secondary containment, Unusual operating conditions, Release detection equipment, Dispensing equipment, Secondary containment system, Pipe, Other, Overfill protection device, Dispenser Liners, Loss of >500 gallons within secondary containment

8. Cause of the incident, if known: (check all that apply)

- Checkboxes for incident causes: Overfill (<25 gallons), Faulty Probe or sensor, Spill (<25 gallons), Human error, Theft, Installation failure, Corrosion, Other Rotting Boots

9. Actions taken in response to the incident: Replacement to occur in August 2017

10. Comments:

11. Agencies notified (as applicable):

- Checkboxes for notified agencies: Fire Department, Local Program, DEP (district/person)

12. To the best of my knowledge and belief, all information submitted on this form is true, accurate, and complete.

Printed Name of Owner, Operator or Authorized Representative: Lori Jacquays - Applied Science

Signature of Owner, Operator or Authorized Representative: [Handwritten Signature]



# FLORIDA DEPARTMENT OF Environmental Protection

Bob Martinez Center  
2600 Blair Stone Road  
Tallahassee, FL 32399-2400

**Ron DeSantis**  
Governor

**Jeanette Nuñez**  
Lt. Governor

**Shawn Hamilton**  
Secretary

November 21, 2022

Sent via email to: [davisoilco@gmail.com](mailto:davisoilco@gmail.com)

Mr. Donnie Davis  
Davis Oil Company Inc  
726 E Main Street  
Immokalee, FL 34142

Subject: Site Rehabilitation Completion Order  
Davis Oil Company Inc  
726 E Main Street  
Immokalee, Collier County  
FDEP Facility ID# 118518121  
Discharge Dates: March 17, 1994 (PLRIP), January 29, 2018 (Non-program)  
Discharge Score: 11

Dear Mr. Davis:

The Petroleum Restoration Program (PRP) has reviewed the Source Removal Report (SRR) and No Further Action Proposal (NFAP) dated and received August 29, 2022, the Supplemental Site Assessment Report (SSAR) dated and received March 10, 2022, and the Addendum to the SSAR dated and received May 2, 2022, for the petroleum product discharges referenced above. All the documents submitted to date are adequate to meet the site assessment requirements of Rule 62-780.600, Florida Administrative Code (F.A.C.). In addition, documentation submitted with the SSARs/SRR/NFAP confirms that criteria set forth in Subsection 62-780.680(1), F.A.C., have been met. Please refer to the attached maps of the source property and analytical summary tables, Exhibits A and B respectively and hereby incorporated by reference. The SSARs/SRR/NFAP are hereby incorporated by reference in this Site Rehabilitation Completion Order (Order). Therefore, you are released from any further obligation to conduct site rehabilitation at the facility for petroleum product contamination associated with the discharges referenced above, except as set forth below.

- (1) In the event concentrations of petroleum products' contaminants of concern increase above the levels approved in this Order, or if a subsequent discharge of petroleum or petroleum product occurs at the facility, the Florida Department of Environmental Protection (Department) may require site rehabilitation to reduce concentrations of petroleum products' contaminants of concern to the levels approved in the SSARs/SRR/NFAP or otherwise allowed by Chapter 62-780, F.A.C.
- (2) Additionally, you are required to properly plug and abandon all monitoring wells, injection wells, extraction wells, and sparge wells within 60 days of receipt of this Order unless these wells are otherwise required for compliance with a local ordinance or another cleanup. The wells must be

plugged and abandoned in accordance with the requirements of Subsection 62-532.500(5), F.A.C. A Well Plugging Report shall be submitted within 30 days of well plugging. Other State, county or city requirements for well abandonment may also apply.

## **NOTICE OF RIGHTS**

This action is final and effective on the date filed with the Clerk of the Department unless a petition for an administrative hearing is timely filed under Sections 120.569 and 120.57, F.S., before the deadline for filing a petition. On the filing of a timely and sufficient petition, this action will not be final and effective until a subsequent order of the Department. Because the administrative hearing process is designed to formulate final agency action, the subsequent order may modify or take a different position than this action.

### Petition for Administrative Hearing

A person whose substantial interests are affected by the Department's action may petition for an administrative proceeding (hearing) under Sections 120.569 and 120.57, F.S. Pursuant to Rules 28-106.201 and 28-106.301, F.A.C., a petition for an administrative hearing must contain the following information:

- (a) The name and address of each agency affected and each agency's file or identification number, if known;
- (b) The name, address, any e-mail address, any facsimile number, and telephone number of the petitioner, if the petitioner is not represented by an attorney or a qualified representative; the name, address, and telephone number of the petitioner's representative, if any, which shall be the address for service purposes during the course of the proceeding; and an explanation of how the petitioner's substantial interests will be affected by the agency determination;
- (c) A statement of when and how the petitioner received notice of the agency decision;
- (d) A statement of all disputed issues of material fact. If there are none, the petition must so indicate;
- (e) A concise statement of the ultimate facts alleged, including the specific facts that the petitioner contends warrant reversal or modification of the agency's proposed action;
- (f) A statement of the specific rules or statutes that the petitioner contends require reversal or modification of the agency's proposed action, including an explanation of how the alleged facts relate to the specific rules or statutes; and
- (g) A statement of the relief sought by the petitioner, stating precisely the action that the petitioner wishes the agency to take with respect to the agency's proposed action.

The petition must be filed (received by the Clerk) in the Office of General Counsel of the Department at 3900 Commonwealth Boulevard, Mail Station 35, Tallahassee, Florida 32399-3000, or via electronic correspondence at [Agency\\_Clerk@FloridaDEP.gov](mailto:Agency_Clerk@FloridaDEP.gov). Also, a copy of the petition shall be mailed to the addressee at the address indicated above at the time of filing.

### Time Period for Filing a Petition

In accordance with Rule 62-110.106(3), F.A.C., petitions for an administrative hearing by the addressee must be filed within 21 days of receipt of this written notice. Petitions filed by any persons other than the addressee must be filed within 21 days of publication of the notice or within 21 days of receipt of the written notice, whichever occurs first. You cannot justifiably rely on the finality of this decision unless notice of this decision and the right of substantially affected persons to challenge this decision has been

duly published or otherwise provided to all persons substantially affected by the decision. While you are not required to publish notice of this action, you may elect to do so pursuant Rule 62-110.106(10)(a).

The failure to file a petition within the appropriate time period shall constitute a waiver of that person's right to request an administrative determination (hearing) under Sections 120.569 and 120.57, F.S., or to intervene in this proceeding and participate as a party to it. Any subsequent intervention (in a proceeding initiated by another party) will be only at the discretion of the presiding officer upon the filing of a motion in compliance with Rule 28-106.205, F.A.C. If you do not publish notice of this action, this waiver may not apply to persons who have not received a clear point of entry.

#### Extension of Time

Under Rule 62-110.106(4), F.A.C., a person whose substantial interests are affected by the Department's action may also request an extension of time to file a petition for an administrative hearing. The Department may, for good cause shown, grant the request for an extension of time. Requests for extension of time must be filed with the Office of General Counsel of the Department at 3900 Commonwealth Boulevard, Mail Station 35, Tallahassee, Florida 32399-3000, or via electronic correspondence at [Agency\\_Clerk@FloridaDEP.gov](mailto:Agency_Clerk@FloridaDEP.gov), before the deadline for filing a petition for an administrative hearing. A timely request for extension of time shall toll the running of the time period for filing a petition until the request is acted upon.

#### Mediation

Mediation is not available in this proceeding.

#### Judicial Review

Once this decision becomes final, any party to this action has the right to seek judicial review pursuant to Section 120.68, F.S., by filing a Notice of Appeal pursuant to Florida Rules of Appellate Procedure 9.110 and 9.190 with the Clerk of the Department in the Office of General Counsel (Station #35, 3900 Commonwealth Boulevard, Tallahassee, Florida 32399-3000) 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 must be filed within 30 days from the date this action is filed with the Clerk of the Department.

#### Questions

Any questions regarding the PRP's review of the SSARs/SRR/NFAP should be directed to Jessica Tromer at 813-684-4400 ext. 4836. Questions regarding legal issues should be referred to the Department's Office of General Counsel at 850-245-2242. Contact with any of the above does not constitute a petition for an administrative hearing or a request for an extension of time to file a petition for an administrative hearing.

The FDEP Facility Number for this facility is 118518121. Please use this identification on all future correspondence with the Department.

Mr. Donnie Davis  
FDEP Facility ID# 118518121  
Page 4  
November 21, 2022

## EXECUTION AND CLERKING

Executed in Tallahassee, Florida.  
STATE OF FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION

---

Natasha Lampkin  
Program Administrator  
Petroleum Restoration Program

### Attachment(s):

- A: map(s) of the source property;
- B: updated analytical summary tables

## CERTIFICATE OF SERVICE

The undersigned duly designated deputy clerk hereby certifies that this document and all attachments were sent on the filing date below to the following listed persons:

cc: Gary Maier, FDEP South District Office – [gary.maier@floridadep.gov](mailto:gary.maier@floridadep.gov)  
Jessica Tromer, FDEP-PRP (PRS5) – [jtromer@northstar.com](mailto:jtromer@northstar.com)  
Alfie Nazario, FDEP-PRP (PRS5) – [anazario@northstar.com](mailto:anazario@northstar.com)  
Cayla Yerg, FDEP-PRP (PRS5) – [cyerg@northstar.com](mailto:cyerg@northstar.com)  
John McKeague, Universal Solutions, Inc., [jmckeague@usienvironmental.com](mailto:jmckeague@usienvironmental.com)  
South Florida Water Management District – [wells@sfwmd.gov](mailto:wells@sfwmd.gov)  
Petroleum Restoration Program – [prp.orders@floridadep.gov](mailto:prp.orders@floridadep.gov)  
File

## FILING AND ACKNOWLEDGMENT

FILED, on this date, pursuant to Section 120.52, F. S., with the designated Department Clerk, receipt of which is hereby acknowledged.

---

**Clerk**

---

**Date**



# FLORIDA DEPARTMENT OF Environmental Protection

Bob Martinez Center  
2600 Blair Stone Road  
Tallahassee, FL 32399-2400

**Ron DeSantis**  
Governor

**Jeanette Nuñez**  
Lt. Governor

**Shawn Hamilton**  
Secretary

## MEMORANDUM

**FROM:** **Natasha Lampkin, Program Administrator, Petroleum Restoration Program**

Natasha Lampkin Digitally signed by Natasha Lampkin  
Date: 2022.11.18 19:59:55 -05'00'

**SUBJECT:** **Delegations of Authority**

**DATE:** **11/18/2022**

In accordance with DEP Directive 100, the following referenced delegation(s) are hereby delegated to the delegate(s) listed.

Delegation Reference	Delegate(s)
DEL-16 Permitting Authority: For their respective divisions, take agency action on all orders, certifications, agreements, permits, general permits, generic permits, exemptions, and exception applications, including modifications and extensions.	<ul style="list-style-type: none"> <li>Susan Fields, Environmental Administrator, Petroleum Restoration Program</li> </ul>

Limitations to the delegation(s): Limited to the following Approvals for Petroleum Cleanup Sites: Site Rehabilitation Completion Orders, Conditional Site Rehabilitation Completion Orders, Low Scored Site Initiative No Further Action Orders, Underground Injection Control Approval Orders, Remedial Action Plan Approval Orders, Interim Source Removal Proposal Approval Order and Monitoring Plan Approvals only and does not include any other agreements, orders, certifications, permits, exemptions, exceptions, modifications or extensions.

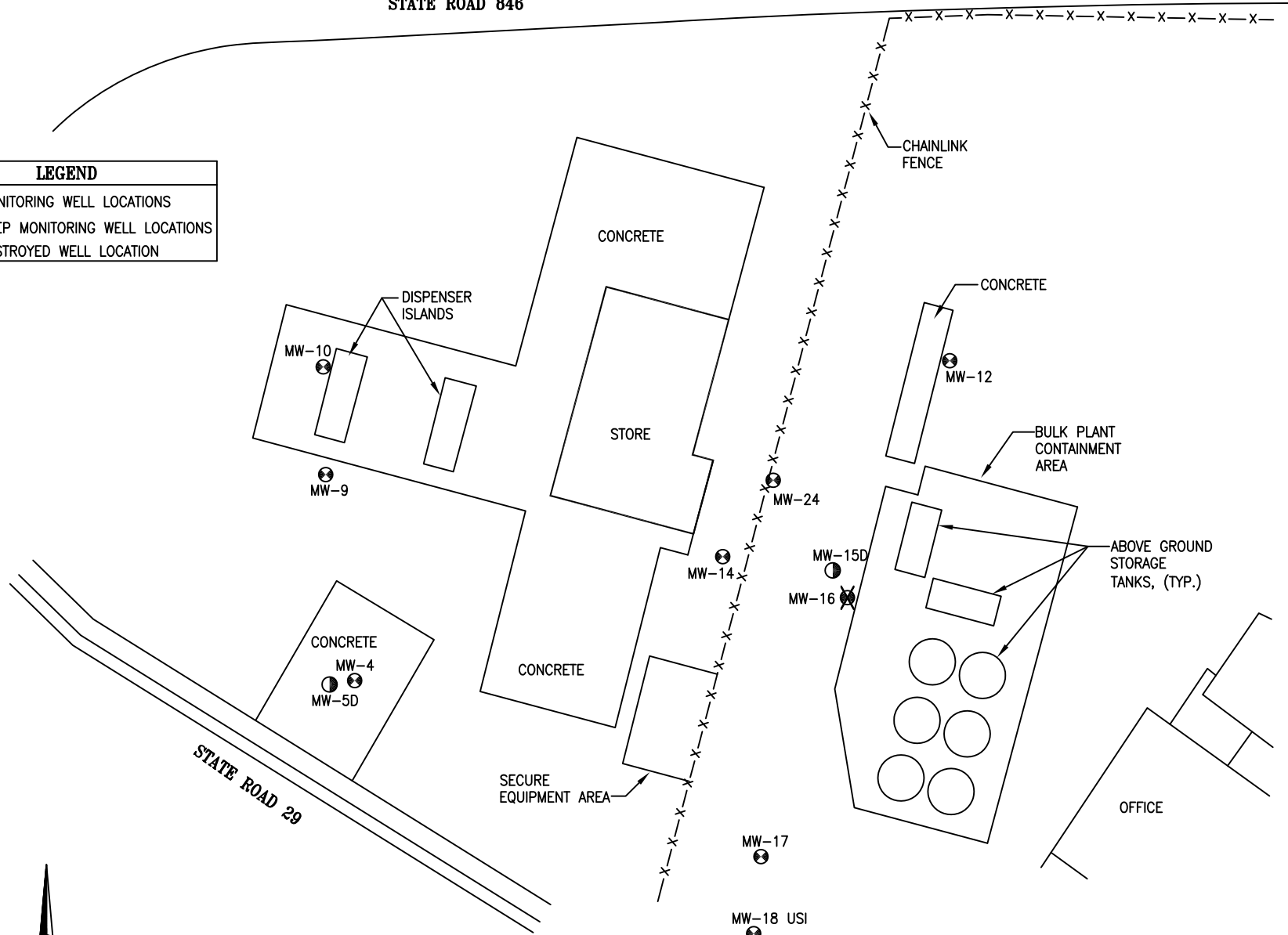
The exercise of these delegations shall be consistent with all applicable rules, statutes, administrative directives, policies and procedures. These delegations should be exercised with a high degree of judgment and caution. If there is any doubt whether exercising this delegated authority is inconsistent with any of the above limitations, the person whom the authority is delegated shall not exercise the authority without first consulting Natasha Lampkin, Program Administrator, Petroleum Restoration Program.

This delegation of authority revokes, replaces, and supersedes all previous delegations within the Petroleum Restoration Program.

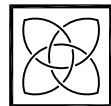
This delegation is temporary and will be in effect from **November 21, 2022** through **November 22, 2022**.

STATE ROAD 846

LEGEND	
	MONITORING WELL LOCATIONS
	DEEP MONITORING WELL LOCATIONS
	DESTROYED WELL LOCATION



APPROX. SCALE: 1"=30'-0"



**UNIVERSAL Solutions, Inc.**

*Engineers, Scientists, Environmental Consultants*

405 North Reo Street Suite 160  
Tampa, Florida 33609

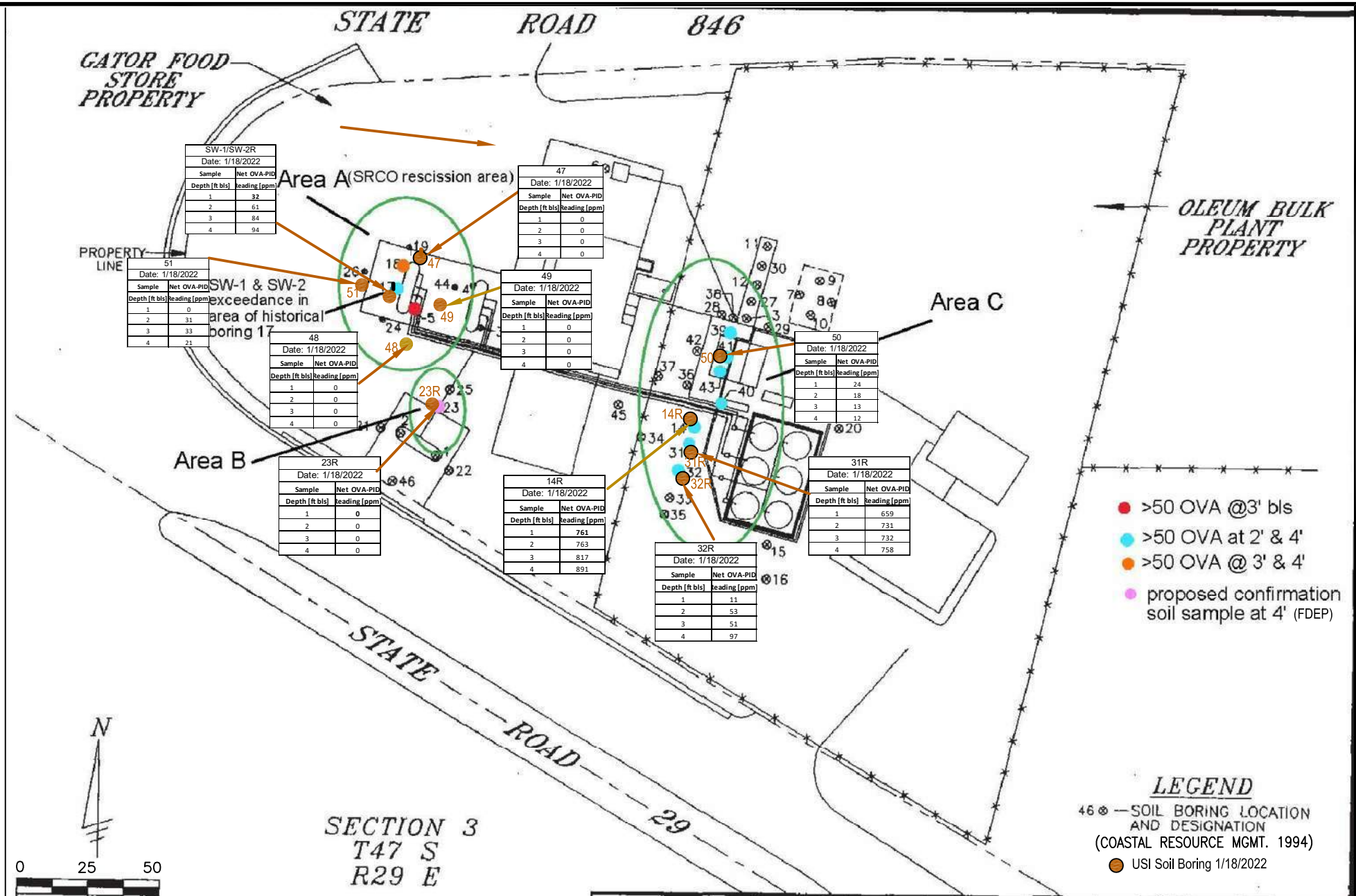
ph. (813) 639-1241  
fx. (813) 639-1622

**FIGURE 1**  
**SITE LAYOUT**  
**GATOR FOOD STORE**  
**726/730 E. MAIN STREET**  
**IMMOKALEE, FLORIDA**

DATE 10-8-07	PROJ. NO. 5278
PROJ. MGR. R.A.	REVIEWED BY B.E.
DRAWING NO. FIG1	DRAWN BY D.S.M.
FDEP ID. NO. 118518121	



Exhibit A



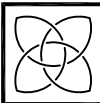
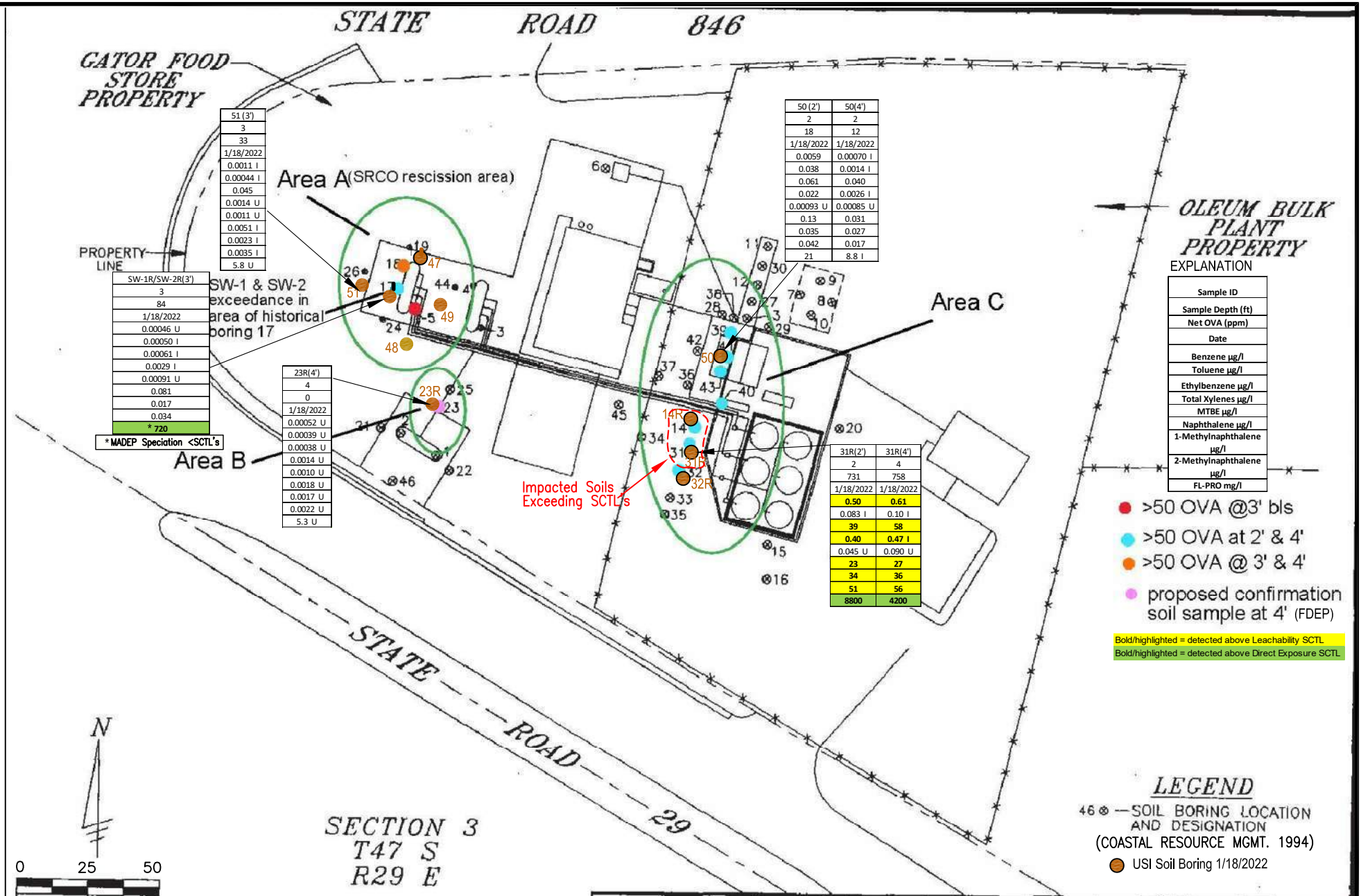
 <p><b>UNIVERSAL Solutions, Inc.</b> Engineers, Scientists, Environmental Consultants</p> <p>405 North Reo Street Suite 160 Tampa, Florida 33609 ph. (813) 639-1241 fx. (813) 639-1622</p>	<p><b>FIGURE 3</b> OVA READINGS (ppm) GATOR FOOD STORE 726/730 E. MAIN STREET IMMOKALEE, FLORIDA</p>	<p>DATE MARCH 2022</p>	<p>PROJ. NO. 5278</p>
	<p>PROJ. MGR. JMC</p>	<p>REVIEWED BY JMC</p>	
	<p>DRAWING NO. BASE</p>	<p>DRAWN BY JMC</p>	
	<p>FDEP ID. NO. 118518121</p>		

Exhibit A

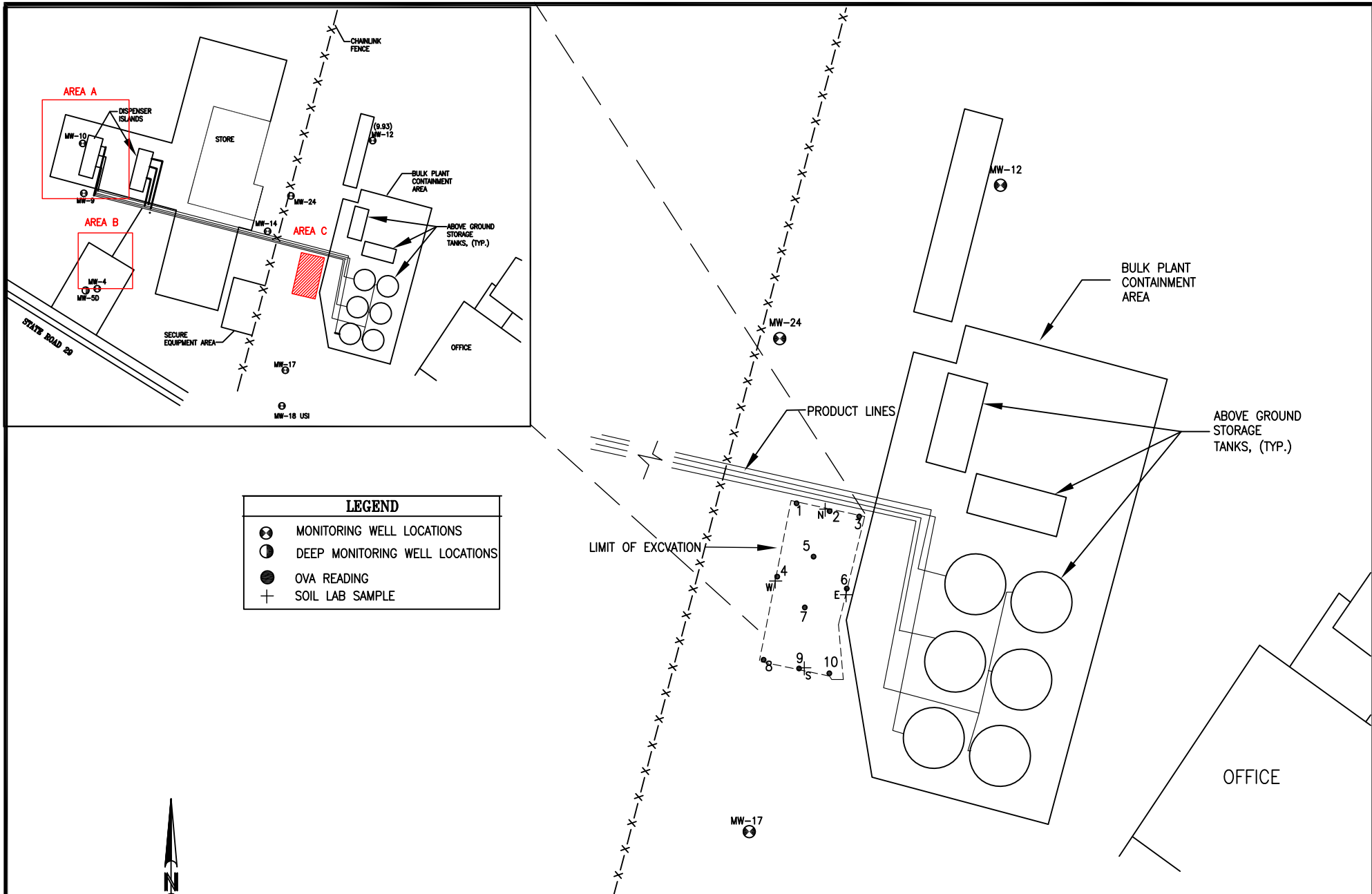


**UNIVERSAL Solutions, Inc.**  
*Engineers, Scientists, Environmental Consultants*

405 North Reo Street Suite 160 Tampa, Florida 33609 ph. (813) 639-1241 fx. (813) 639-1622

**FIGURE 4**  
**SOIL ANALYTICAL**  
**GATOR FOOD STORE**  
**726/730 E. MAIN STREET**  
**IMMOKALEE, FLORIDA**

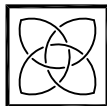
DATE 2/25/2008	PROJ. NO. 5278
PROJ. MGR. JMC	REVIEWED BY JMC
DRAWING NO. BASE	DRAWN BY JMC
FDEP ID. NO. 118518121	



LEGEND	
	MONITORING WELL LOCATIONS
	DEEP MONITORING WELL LOCATIONS
	OVA READING
	SOIL LAB SAMPLE



SCALE: 1"=20'-0"  
 0 10 20



**UNIVERSAL Solutions, Inc.**

*Engineers, Scientists, Environmental Consultants*

405 North Reo Street Suite 160  
 Tampa, Florida 33609

ph. (813) 639-1241  
 fx. (813) 639-1622

**FIGURE 1**  
**SITE LAYOUT - EXCAVATION**  
**GATOR FOOD STORE**  
**726/730 E. MAIN STREET**  
**IMMOKALEE, FLORIDA**

DATE JULY 2022	PROJ. NO. 5278
PROJ. MGR. JMC	REVIEWED BY JMC
DRAWING NO. FIG1	DRAWN BY JMC
FDEP ID. NO. 11/8518121	

## Exhibit B

TABLE 3: SOIL ANALYTICAL RESULTS

Facility Name: ~~Gator Foods~~ <sup>JT</sup> **Davis Oil Company INC**  
 Facility Address: 726/730 E. Main St., Immokalee, FL

Facility ID No. 118518121  
 Universal Project No. 5278

Location	Sample Depth (ft)	Net OVA (ppm)	Date	Benzene	Toluene	Ethylbenzene	Total Xylenes	MTBE	Naphthalene	1-Methylnaphthalene	2-Methylnaphthalene	FL-PRO
<b>Leachability</b>				<b>0.007</b>	<b>0.5</b>	<b>0.6</b>	<b>0.2</b>	<b>0.09</b>	<b>1.2</b>	<b>3.1</b>	<b>8.5</b>	<b>340</b>
<b>Direct Exp. Res.</b>				<b>1.2</b>	<b>7500</b>	<b>1500</b>	<b>130</b>	<b>4400</b>	<b>55</b>	<b>200</b>	<b>210</b>	<b>460</b>
SS-1	2	0	11/14/2017	0.00038 U	0.00028 U	0.00022 U	0.00032 U	0.00068 U	0.0026 U	0.0019 U	0.0024 U	7.7 U
Area A SS-2 <sup>1</sup>	3	1283	11/14/2017	<b>0.020 U</b>	0.014 U	0.42	0.064 I	0.035 U	<b>13</b>	<b>27</b>	<b>36</b>	<b>2700</b>
SS-3	2	0	11/14/2017	0.00050 U	0.00036 U	0.00029 U	0.00014 U	0.00088 U	0.010 U	0.082 U	0.010 U	120
Area A SW-1 <sup>2</sup>	4	366	11/14/2017	<b>0.0020 U</b>	0.016 U	0.79	0.065 I	0.038 U	0.014 I	0.027 I	0.030 I	<b>5100</b>
Area B SW-2 <sup>2</sup>	4	SB-BOTTOM	11/14/2017	<b>0.021 U</b>	0.015 U	0.012 U	0.017 U	0.037 U	<b>11</b>	<b>25</b>	<b>29</b>	<b>5100</b>
Area B 23R(4')	4	0	1/18/2022	0.00052 U	0.00039 U	0.00038 U	0.0014 U	0.0010 U	0.0018 U	0.0017 U	0.0022 U	5.3 U
Area C 31R(2') **	2	731	1/18/2022	<b>0.50</b>	0.083 I	<b>39</b>	<b>0.40</b>	0.045 U	<b>23</b>	<b>34</b>	<b>51</b>	<b>8800</b>
Area C 31R(4') **	4	758	1/18/2022	<b>0.61</b>	0.10 I	<b>58</b>	<b>0.47 I</b>	0.090 U	<b>27</b>	<b>36</b>	<b>56</b>	<b>4200</b>
50 (2')	2	18	1/18/2022	0.0059	0.038	0.061	0.022	0.00093 U	0.13	0.035	0.042	21
50(4')	2	12	1/18/2022	0.00070 I	0.0014 I	0.040	0.0026 I	0.00085 U	0.031	0.027	0.017	8.8 I
Area A 51 (3')	3	33	1/18/2022	0.0011 I	0.00044 I	0.045	0.0014 U	0.0011 U	0.0051 I	0.0023 I	0.0035 I	5.8 U
Area A SW-1R/SW-2R(3')	3	84	1/18/2022	0.00046 U	0.00050 I	0.00061 I	0.0029 I	0.00091 U	0.081	0.017	0.034	<b>720*</b>

NOTES:

Total BTEX = sum of Benzene, Toluene, Ethylbenzene, Total Xylenes,

I = reported value in between laboratory limit of detection (LOD) and laboratory limit of quantitation (LOQ)

U= indicates that a specific compound was analyzed for but not detected. The reported value shall be the laboratory limit of detection.

NS = not sampled for particular constituent(s).

all constituents shown in mg/kg unless otherwise noted

**Soil Samples SS-1 through SW-2 Collected at Dispenser Closure Assessment (2017-See Appendix A)**

Concentration exceeds SCTLs for Leachability

**Bold/highlighted = detected above Leachability SCTL**

Concentration exceeds SCTLs for Direct Exposure

**Bold/highlighted = detected above Direct Exposure SCTL**

\* MADEP Speciation <SCTLs

\*\* Soil Excavated

1 Confirmation sample collected @ 51(3')

2 Confirmation sample collected @ SW-1R/SW-2R(3')

Exhibit B

TABLE 4: SOIL ANALYTICAL RESULTS

Facility Name: ~~Cater Foods~~ <sup>JT</sup> Davis Oil Company INC  
 Facility Address: 726/730 E. Main St., Immokalee, FL

Facility ID No. 118518121  
 Universal Project No. 5278

all constituents shown in mg/kg unless otherwise noted

Location	Sample Depth (ft)	Net OVA (ppm)	Date	Acenapht hene	Acenapht hylene	Anthracene	Benz(a)Anth racene	Benzo(a)pyrene	Benzo(b)fluor anthene	Benzo(g,h,i)pyerylene	Benzo(k)fluoranthene	Chrysene	Dibenz(a,h)Anthracene	Fluoranthene	Fluorene	Indeno(1,2,3-cd)pyrene	Phenanthrene	Pyrene
Leachability				2.1	27	2500	0.8	8	2.4	32000	24	77	0.7	1200	160	6.6	250	880
Direct Exp. Res.				2400	1800	21000	NA	0.1	NA	2500	NA	NA	NA	3200	2600	NA	2200	2400
SS-1	2	0	11/14/2017	0.022 U	0.0025 U	0.0023 U	0.0038 U	0.0021 U	0.0026 U	0.0023 U	0.0027 U	0.0037 U	0.0030 U	0.0031 U	0.0024 U	0.0027 U	0.0026 U	0.0036 U
SS-2	3	1283	11/14/2017	1.7	0.31	0.36	0.55	0.021 I	0.014 I	0.36	0.011 U	0.036	0.012 U	0.2	3.6	0.012 I	3.5	1.2
SS-3	2	0	11/14/2017	0.0094 U	0.011 U	0.0099 U	0.016 U	0.0089 U	0.011 U	0.0099 U	0.012 U	0.016 U	0.013 U	0.013 U	0.010 U	0.012 U	0.11 U	0.016 U
SW-1	4	366	11/14/2017	0.015 I	0.051	0.086	0.016 U	0.027 I	0.013 I	0.086	0.012 U	0.016 U	0.013 U	0.044	0.011 I	0.024 I	0.083	0.70
SW-2	4	SB-BOTTOM	11/14/2017	1.9	0.38	0.47	0.048	0.020 I	0.013 I	0.47	0.011 U	0.031 I	0.012 U	0.24	4.4	0.013 I	4.3	1.1
23R(4')	4	0	1/18/2022	0.0016 U	0.0019 U	0.0027 U	0.0021 U	0.0021 I	0.0033 I	0.0021 U	0.0025 U	0.0031 U	0.0018 U	0.0046 I	0.0023 U	0.0025 U	0.0023 U	0.0034 I
31R(2')	2	731	1/18/2022	2.6	0.0018 U	1.1	0.063	0.014	0.018	0.014	0.0042 I	0.065	0.0026 I	0.31	6.6	0.0097	11	1.1
31R(4')	4	758	1/18/2022	3.2	0.0035 U	1.4	0.063	0.014 I	0.017	0.014 I	0.0047 U	0.058	0.0033 U	0.39	5.5	0.0094 I	8.0	1.2
50 (2')	2	18	1/18/2022	0.0015 U	0.0018 U	0.0025 U	0.0020 U	0.0019 I	0.0033 I	0.0019 U	0.0023 U	0.0029 U	0.0016 U	0.0046 I	0.0021 U	0.0023 U	0.0021 U	0.0035 I
50(4')	2	12	1/18/2022	0.0023 I	0.0018 U	0.0025 U	0.0020 U	0.0017 U	0.0016 U	0.0019 U	0.0024 U	0.0030 U	0.0017 U	0.0028 U	0.0022 U	0.0024 U	0.0022 U	0.0024 U
51 (3')	3	33	1/18/2022	0.0018 U	0.0021 U	0.0030 U	0.0023 U	0.0020 U	0.0019 U	0.0023 U	0.0028 U	0.0035 U	0.0020 U	0.0033 U	0.0025 U	0.0028 U	0.0025 U	0.0028 U
SW-1R/SW-2R(3')	3	84	1/18/2022	0.056	0.0018 U	0.020	0.0047 I	0.0017 U	0.0020 I	0.0019 U	0.0023 U	0.0081 I	0.0017 U	0.036	0.088	0.0024 U	0.0021 U	0.29

soil removed

NOTES:

- I = reported value is in between laboratory limit of detection (LOD) and laboratory limit of quantitation (LOQ)
- U= indicates that a specific compound was analyzed for but not detected. The reported value shall be the laboratory limit of detection.
- NS = not sampled for particular constituent(s).
- NA = not applicable
- NC = not calculated
- all constituents shown in mg/kg unless otherwise noted
- # = Direct Exposure value not applicable except as part of the Benzo(a)pyrene equivalent.
- b = Total Benzo(a)pyrene Equivalents calculated as per FDEP Conversion Table (Revised 11-26-07).
- Soil Samples SS-1 through SW-2 Collected at Dispenser Closure Assessment (2017-See Appendix A)

Concentration exceeds SCTLs for Leachability  
 Concentration exceeds SCTLs for Direct Exposure

## Benzo(a)pyrene Conversion Table

For Direct Exposure Soil Cleanup Target Levels

Instructions can be found below the table

Facility/Site Name:	Davis Oil Company Inc
Site Location:	726 E Main St, Immokalee, FL
Facility/Site ID No.:	11/8518121

SCTL Type	Value	Units
Residential Direct Exposure SCTL	0.1	mg/kg
Industrial Direct Exposure SCTL	0.7	mg/kg
Alternative SCTL (Optional)		mg/kg
Site Specific Background (Optional)		mg/kg

TEF = Toxic Equivalency Factor

Soil Sample #	SS-1	SS-2	SW-1	SW-2	23R	31R(2')	31R(4')	50(2')	SW-1R/SW-2R(3')
Sample Date	11/14/2017	11/14/2017	11/14/2017	11/14/2017	1/18/2022	1/18/2022	1/18/2022	1/18/2022	1/18/2022
Sample Location:	D-1	D-4	SW-3	SB-Bottom	23R(4')	31R(2')	31R(4')	50(2')	SW-1R/SW-2R(3')
Depth (ft):	2	3	4	4	4	2	4	2	3

### Contaminant Concentrations

Contaminant	TEF	SS-1 (mg/kg)	SS-2 (mg/kg)	SW-1 (mg/kg)	SW-2 (mg/kg)	23R (mg/kg)	31R(2') (mg/kg)	31R(4') (mg/kg)	50(2') (mg/kg)	SW-1R/SW-2R(3') (mg/kg)
Benzo(a)pyrene	1.0	0.00105	0.021	0.027	0.02	0.0021	0.014	0.014	0.0019	0.00085
Benzo(a)anthracene	0.1	0.0019	0.055	0.008	0.048	0.00105	0.063	0.063	0.001	0.0047
Benzo(b)fluoranthene	0.1	0.0013	0.014	0.013	0.013	0.0033	0.018	0.017	0.0033	0.002
Benzo(k)fluoranthene	0.01	0.00135	0.0055	0.006	0.0055	0.00125	0.0042	0.00235	0.00115	0.00115
Chrysene	0.001	0.00185	0.036	0.008	0.031	0.00155	0.065	0.058	0.00145	0.0081
Dibenz(a,h)anthracene	1.0	0.0015	0.006	0.0065	0.006	0.0009	0.0026	0.00165	0.0008	0.00085
Indeno(1,2,3-cd)pyrene	0.1	0.00135	0.012	0.024	0.013	0.00125	0.0097	0.0094	0.00115	0.0012

### Benzo(a)pyrene Equivalents

Contaminant	TEF	SS-1 (mg/kg)	SS-2 (mg/kg)	SW-1 (mg/kg)	SW-2 (mg/kg)	23R (mg/kg)	31R(2') (mg/kg)	31R(4') (mg/kg)	50(2') (mg/kg)	2R(3') (mg/kg)
Benzo(a)pyrene	1.0	0.0011	0.0210	0.0270	0.0200	0.0021	0.0140	0.0140	0.0019	0.0009
Benzo(a)anthracene	0.1	0.0002	0.0055	0.0008	0.0048	0.0001	0.0063	0.0063	0.0001	0.0005
Benzo(b)fluoranthene	0.1	0.0001	0.0014	0.0013	0.0013	0.0003	0.0018	0.0017	0.0003	0.0002
Benzo(k)fluoranthene	0.01	0.0000	0.0001	0.0001	0.0001	0.0000	0.0000	0.0000	0.0000	0.0000
Chrysene	0.001	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001	0.0001	0.0000	0.0000
Dibenz(a,h)anthracene	1.0	0.0015	0.0060	0.0065	0.0060	0.0009	0.0026	0.0017	0.0008	0.0009
Indeno(1,2,3-cd)pyrene	0.1	0.0001	0.0012	0.0024	0.0013	0.0001	0.0010	0.0009	0.0001	0.0001

### Total Equivalents

<b>Total Benzo(a)pyrene Equivalents</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>
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### Comparisons to SCTLs

Does This Sample Exceed:	SS-1 (mg/kg)	SS-2 (mg/kg)	SW-1 (mg/kg)	SW-2 (mg/kg)	23R (mg/kg)	31R(2') (mg/kg)	31R(4') (mg/kg)	50(2') (mg/kg)	SW-1R/SW-2R(3') (mg/kg)
The Residential Direct Exposure SCTL of 0.1 mg/kg?	OK	OK	OK	OK	OK	OK	OK	OK	OK
The Industrial Direct Exposure SCTL of 0.7 mg/kg?	OK	OK	OK	OK	OK	OK	OK	OK	OK
No Alternative SCTL Given	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
No Site Specific Background Given	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Exhibit B

**TABLE 5: SOIL ANALYTICAL SUMMARY (MADEP)**

Facility Name: ~~Gator Foods~~ <sup>JT</sup> **Davis Oil Company INC** Facility ID No. 118518121  
 Facility Address: 726/730 E. Main St., Immokalee, FL UNIVERSAL No.: 5278

all constituents shown in mg/kg unless otherwise noted

Sample				OVA	Laboratory Analyses								
Boring/Well No.	Date Collected	Depth to Water (ft)	Sample Interval (fbls)	Net OVA Reading (ppm)	C11-C22 Aromatics (mg/kg)	C19-C36 aliphatics (mg/kg)	C9-C18 Aliphatics (mg/kg)	C5-C8 Aliphatics (mg/kg)	C9-C10 Aromatics (mg/kg)	C9-C12 Aliphatics (mg/kg)			
Residential Exposure SCTL					1,800	42,000	2,900	7,100	560	1,700			
Leachability SCTL					1,000	*	140,000	960	380	31,000			
SW-1R/2R	1/18/2022	5	3	84	280	620 I	1700	81	38	61			
31R(2)	1/18/2022	5	2	731	1800	2100 U	6200	187 I	259	147 I			
31R(4)	1/18/2022	5	4	758	1700	2100 U	6100	332	492	112			

soil removed

\* Not a health concern for this exposure scenario  
 NADC-Chapter 62-777 Natural Attenuation Concentration Level  
 GCTL-Chapter 62-777 Groundwater Cleanup Target Level  
 SCTL-Chapter 62-777 Soil Cleanup Target Level

**Bolded/highlighted values indicate compound detected above SCTL's**  
**Bolded/highlighted values indicate compound detected above SCTL's**  
**"bolded" only indicates compound was not detected; however GCTL/SCTL<MDL**

NA/NS = Constituent not analyzed or not sampled  
 NR = Value not reported  
 ND = Not Detected

L = Off scale high, value known to be higher than reported value  
 Q = Indicates sample was prepared or analyzed after the holding time expired  
 U or < = Constituent not detected at or above method detection limits  
 <QL = Below quantitative limit  
 D' = The sample(s) were diluted due to targets over the highest point of the calibration curve, or due to matrix interference. Dilution factors are included in final results  
 J = Estimated value, see case jnarrative in laboratory report for specific details  
 MDL-laboratory method detection limit

**TABLE 6A: GROUNDWATER ANALYTICAL SUMMARY BTEX/MTBE (SPLP LEACHATE)**

Facility Name: ~~Gator Foods~~ <sup>JT</sup> **Davis Oil Company INC** Facility ID No. 118518121  
 Facility Address: 726/730 E. Main St., Immokalee, FL UNIVERSAL No.: 5278

all constituents shown in ug/l (ppb) unless otherwise noted

Location	Date	Benzene	Toluene	Ethylbenzene	Total Xylenes	Total BTEX	Methyl tert-Butyl Ether	Naphthalene	1-Methylnaphthalene	2-Methylnaphthalene	FL-PRO (mg/L)
NADC		100	400	300	200	NA	200	140	280	280	50
GCTL		1	40	30	20	NA	20	14	28	28	5
31R(2')	1/18/2022	3.9	0.89 I	250	2.9	260	0.71 U	110	82	100	NS
31R(4')	1/18/2022	11	1.8	470	4.5	490	0.71 U	210	150	200	NS

soil removed

**Bolded/highlighted values indicate compound detected above GCTLs**  
**Bolded/highlighted values indicate compound detected above NADCs**

**TABLE 6B: GROUNDWATER ANALYTICAL SUMMARY PAH'S (SPLP LEACHATE)**

Facility Name: ~~Gator Foods~~ <sup>JT</sup> **Davis Oil Company INC** Facility ID No. 118518121  
 Facility Address: 726/730 E. Main St., Immokalee, FL UNIVERSAL No.: 5278

all constituents shown in ug/l (ppb) unless otherwise noted

Location	Date	Acenaphthene	Acenaphthylene	Anthracene	Benz(a)Anthracene	Benzo(a)pyrene	Benzo(b)fluoranthene	Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Chrysene	Dibenz(a,h)Anthracene	Fluoranthene	Fluorene	Indeno(1,2,3-cd)pyrene	Phenanthrene	Pyrene
NADC		200	2100	21000	5	20	5	2100	50	480	0.5	2800	2800	5	2100	2100
GCTL		20	210	2100	0.05	0.2	0.05	210	0.5	4.8	0.005	280	280	0.05	210	210
31R(2')	1/18/2022	5.6	0.0080 U	1.1	0.045 I	0.0091 U	0.014 I	0.011 U	0.0068 U	0.038 I	0.013 U	0.29	9.3	0.011 U	13	1.2
31R(4')	1/18/2022	12	0.0080 U	2.3	0.12	0.025 I	0.030	0.028 I	0.0096 I	0.12	0.013 U	0.71	17	0.018 I	27	3.1

soil removed

**Bolded/highlighted values indicate compound detected above GCTLs**  
**Bolded/highlighted values indicate compound detected above NADCs**

TABLE 1: GROUNDWATER ANALYTICAL SUMMARY

Exhibit B

Facility Name: Gator Food, Inc.  
 Facility Address: 726/730 E. Main St., Immokalee, FL

Facility ID No. 118518121  
 Universal Project No. 5278

all constituents shown in ug/L (ppb) unless otherwise noted

Location	Date	Benzene	Toluene	Ethyl-benzene	Total Xylenes	Total BTEX	MTBE	Naphthalene
Table V: Chapter 62-777; Groundwater Natural Attenuation Default Source Concentrations								
		100	400	300	200	NA	200	140
Table I: Chapter 62-777; Groundwater Cleanup Target Levels								
		1	40	30	20	NA	20	14
MW-4	06/29/00	<1	<1	<1	<2	<5	<5	<5
MW-4	07/23/00	<1	<1	<1	<2	<5	<5	<5
MW-4	11/28/00	<1	<1	<1	<2	<5	<5	<5
MW-4	02/24/01	<1	<1	<1	<2	<5	<5	<5
MW-4	06/12/01	<1	<1	<1	<2	<5	<5	<5
MW-4	02/13/02	<1	<1	<1	<2	<5	<5	<5
MW-4	09/21/06	<0.5	<0.5	<0.5	<1.5	<3	<1	<2
MW-4	09/20/07	0.2105 U	0.1601 U	0.1959 U	0.2310 U	0.1601 U	0.2562 U	0.199 U
MW-5D	06/29/00	<1	<1	<1	<2	<5	<5	<5
MW-5D	07/23/00	<5	<5	<5	<5	<20	705.0	<5
MW-5D	11/28/00	<1	<1	<1	<2	<5	280.0	<5
MW-5D	02/24/01	<1	<1	<1	<2	<5	<5	<5
MW-5D	06/12/01	<10	<10	<10	<20	<50	310.0	<5
MW-5D	02/13/02	<1	<1	<1	<2	<5	24.8	<5
MW-5D	09/21/06	<0.5	<0.5	<0.5	<1.5	<3	8.576	<2
MW-5D	09/20/07	0.2105 U	0.1601 U	0.1959 U	0.2310 U	0.1601 U	5.032	0.199 U
MW-9	06/29/00	<1	<1	<1	<2	<5	48.0	<5
MW-9	07/23/00	18.1	<1	40.3	81.7	140.1	97.4	<5
MW-9	11/28/00	<1	<1	<1	<2	<5	<5	<5
MW-9	02/24/01	<1	<1	<1	<2	<5	5	<100
MW-9	06/12/01	<1	<1	<1	<2	<5	10.6	<5
MW-9	02/13/02	<1	<1	<1	<2	<5	<5	<5
MW-9	09/21/06	<0.5	<0.5	<0.5	<1.5	<3	10.93	<2
MW-9	09/20/07	0.2105 U	0.1601 U	0.1959 U	0.2310 U	0.1601 U	4.106	0.199 U
MW-10	06/29/00	950.0	<10	1470.0	791.0	3211.0	440.0	105.0
MW-10	07/23/00	760.0	<20	1340.0	450.0	2550.0	405.0	145.0
MW-10	11/28/00	NS	NS	NS	NS	NS	NS	NS
MW-10	02/24/01	NS	NS	NS	NS	NS	NS	NS
MW-10	06/12/01	NS	NS	NS	NS	NS	NS	NS
MW-10	02/13/02	NS	NS	NS	NS	NS	NS	NS
MW-10	09/21/06	<0.5	<0.5	<0.5	<1.5	<3	10.19	<2

Note: The site manager has reviewed all the lab reports and any missing PAHs or carcinogenic PAHs are below CTLs



TABLE 1: GROUNDWATER ANALYTICAL SUMMARY

Exhibit B

Facility Name: Gator Food, Inc.  
 Facility Address: 726/730 E. Main St., Immokalee, FL

Facility ID No. 118518121  
 Universal Project No. 5278

all constituents shown in ug/L (ppb) unless otherwise noted

Location	Date	Benzene	Toluene	Ethyl-benzene	Total Xylenes	Total BTEX	MTBE	Naphthalene
Table V: Chapter 62-777, Groundwater Natural Attenuation Default Source Concentrations								
		100	400	300	200	NA	200	140
Table I: Chapter 62-777, Groundwater Cleanup Target Levels								
		1	40	30	20	NA	20	14
MW-10	09/20/07	0.2105 U	0.1601 U	0.1959 U	0.2310 U	0.1601 U	15.29	0.199 U
MW-12	06/29/00	23.5	<1	11.0	<2	34.5	<5	<5
MW-12	07/23/00	<1	<1	<1	<2	<5	14.0	<5
MW-12	11/28/00	<1	<1	<1	<2	<5	<5	<5
MW-12	02/24/01	<1	<1	<1	<2	<5	<5	<5
MW-12	06/12/01	<1	<1	<1	<2	<5	23.7	<5
MW-12	02/13/02	<1	<1	<1	<2	<5	<5	<5
MW-12	09/21/06	<0.5	<0.5	<0.5	<1.5	<3	<1	<2
MW-12	09/20/07	0.2105 U	0.1601 U	0.1959 U	0.2310 U	0.1601 U	3.640	0.199 U
MW-14	06/29/00	<5	<5	11.0	6.0	17.0	1230.0	<5
MW-14	07/23/00	115.0	1.4	13.8	41.9	272.0	47.1	5.0
MW-14	11/28/00	32.5	<5	14.0	9.5	56.0	325.0	<5
MW-14	02/24/01	84.0	<10	22.0	22.0	128.0	1670.0	<5
MW-14	06/12/01	16.5	1.5	26.2	27.0	70.2	470.0	<5
MW-14	02/13/02	4.5	<1	5.7	3.4	13.6	125.0	<5
MW-14	09/21/06	<0.5	<0.5	<0.5	<1.5	<3	<1	<2
MW-14	09/20/07	0.2105 U	0.1601 U	0.1959 U	0.2310 U	0.1601 U	0.2562 U	0.199 U
MW-14	02/08/08	0.2105 U	0.1601 U	0.1959 U	0.2310 U	0.1601 U	0.2562 U	NS
MW-15D	06/29/00	4.0	3.2	<1	109.2	116.4	145.0	40.0
MW-15D	07/23/00	<1	<1	<1	1.5	1.5	11.4	<50
MW-15D	11/28/00	3.7	4.1	1.5	29.3	38.6	27.7	7.0
MW-15D	02/24/01	<1	<1	<1	<2	<5	18.4	<5
MW-15D	06/12/01	<1	<1	<1	<2	<5	29.9	<5
MW-15D	02/13/02	5.4	2.9	2.5	154.8	165.6	55.5	<25
MW-15D	09/21/06	<0.5	<0.5	<0.5	<1.5	<3	<1	<2
MW-15D	9/20/07	0.2105 U	0.1601 U	0.1959 U	0.2310 U	0.1601 U	0.2562 U	0.199 U
MW-16	06/29/00	NS	NS	NS	NS	NS	NS	NS
MW-16	07/23/00	NS	NS	NS	NS	NS	NS	NS

Note: The site manager has reviewed all the lab reports and any missing PAHs or carcinogenic PAHs are below CTLs

TABLE 1: GROUNDWATER ANALYTICAL SUMMARY

Facility Name: Gator Food, Inc.  
 Facility Address: 726/730 E. Main St., Immokalee, FL

Exhibit B

Facility ID No. 118518121  
 Universal Project No. 5278

all constituents shown in ug/L (ppb) unless otherwise noted

Location	Date	Benzene	Toluene	Ethyl- benzene	Total Xylenes	Total BTEX	MTBE	Naphthalene
Table V: Chapter 62-777; Groundwater Natural Attenuation Default Source Concentrations								
		100	400	300	200	NA	200	140
Table I: Chapter 62-777; Groundwater Cleanup Target Levels								
		1	40	30	20	NA	20	14
MW-16	11/28/00	NS	NS	NS	NS	NS	NS	NS
MW-16	02/24/01	NS	NS	NS	NS	NS	NS	NS
MW-16	06/12/01	NS	NS	NS	NS	NS	NS	NS
MW-16	02/13/02	NS	NS	NS	NS	NS	NS	NS
MW-16	09/20/07	could not locate						
MW-17	06/29/00	34.7	<1	140.0	111.7	286.4	<5	<5
MW-17	07/23/00	44.3	3.0	39.0	20.8	107.1	84.3	<5
MW-17	11/28/00	40.5	<5	140.0	47.0	227.5	1130.0	<5
MW-17	02/24/01	11.4	<2	58.2	9.2	78.8	545.0	<5
MW-17	06/12/01	<1	<1	8.8	<2	8.8	260.0	<5
MW-17	02/13/02	<1	<1	1.4	1.3	2.7	180.0	<25
MW-17	09/21/06	14.47	1.125	72.66	17.808	106.063	136.0	16.5
MW-17	09/20/07	0.2105 U	0.1601 U	0.1959 U	0.2310 U	0.1601 U	2.383	0.199 U
MW-17	02/08/08	0.9379 I	0.1601 U	3.111	3.044	7.0929	10.21	NS
MW-24	06/29/00	345.0	<2	125.0	35.4	505.4	64.8	<5
MW-24	07/23/00	71.0	<1	85.5	14.0	170.0	17.2	<5
MW-24	11/28/00	<1	<1	2.3	<2	2.3	<5	<5
MW-24	02/24/01	275.0	3.8	63.4	7.8	350.0	65.8	<5
MW-24	06/12/01	3.8	<1	49.0	4.8	57.6	18.4	<5
MW-24	02/13/02	<1	<1	<1	<2	<5	31.6	<5
MW-24	03/13/07	1.033	<0.1601	3.5	<0.231	4.6	5.5	<0.199
MW-24	09/20/07	0.2105 U	0.1601 U	0.1959 U	0.2310 U	0.1601 U	0.2562 U	0.199 U
MW-18 USI	09/20/07	0.2105 U	0.1601 U	0.1959 U	0.2310 U	0.1601 U	0.6492 I	0.199 U
MW-18 USI	02/08/08	0.2105 U	0.1601 U	0.1959 U	0.2310 U	0.1601 U	0.2562 U	NS
DUP#1 (24)	06/29/00	355.0	<2	130.0	42.4	427.4	61.2	<5
DUP#2 (10)	06/29/00	925.0	<10	1510.0	840.0	3275.0	395.0	94.0
DUP#1 (10)	07/23/00	700.0	<20	1320.0	355.0	2375.0	360.0	145.0
DUP#2 (15D)	07/25/00	<5	<5	<5	14.5	14.5	52.5	<50
DUP (15D)	11/28/00	3.8	4.3	1.5	31.9	41.5	27.4	5.0
DUP (9)	02/24/01	<1	<1	<1	<2	<5	5	<100

Note: The site manager has reviewed all the lab reports and any missing PAHs or carcinogenic PAHs are below CTLs

TABLE 1: GROUNDWATER ANALYTICAL SUMMARY

Facility Name: Gator Food, Inc.  
 Facility Address: 726/730 E. Main St., Immokalee, FL

Exhibit B

Facility ID No. 118518121  
 Universal Project No. 5278

all constituents shown in ug/L (ppb) unless otherwise noted

Location	Date	Benzene	Toluene	Ethyl-benzene	Total Xylenes	Total BTEX	MTBE	Naphthalene
Table V: Chapter 62-777, Groundwater Natural Attenuation Default Source Concentrations								
		100	400	300	200	NA	200	140
Table I: Chapter 62-777, Groundwater Cleanup Target Levels								
		1	40	30	20	NA	20	14
DUP(5D)	06/12/01	<1	<1	<1	<2	<5	34	<5

Total Xylenes = sum of ortho-, meta-, and para- xylenes

NA = Not Applicable or Not Available

Total BTEX = sum of Benzene, Toluene, Ethylbenzene and Total Xylenes

NS = Not Sampled for particular constituent(s)

BDL = Below Laboratory Detection Limits

Note: The site manager has reviewed all the lab reports and any missing PAHs or carcinogenic PAHs are below CTLs.



# FLORIDA DEPARTMENT OF Environmental Protection

Bob Martinez Center  
2600 Blair Stone Road  
Tallahassee, FL 32399-2400

**Ron DeSantis**  
Governor

**Jeanette Nuñez**  
Lt. Governor

**Shawn Hamilton**  
Secretary

## Memorandum

**To: Natasha Lampkin, Program Administrator  
Petroleum Restoration Program  
Florida Department of Environmental Protection**

**From: Alfie Nazario, P.E.  
Petroleum Restoration Program Section 5  
Florida Department of Environmental Protection**

**Subject: Recommend Approval of Site Rehabilitation Completion Order  
Davis Oil Company Inc  
726 E Main Street, Immokalee, Collier County  
FDEP Facility Identification # 118518121**

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I have reviewed and concur that the components of Source Removal Report (SRR) and No Further Action Proposal (NFAP) dated and received August 29, 2022, the Supplemental Site Assessment Report (SSAR) dated and received March 10, 2022, and the Addendum to the SSAR dated and received May 2, 2022, prepared for the March 17, 1994 and January 29, 2018 petroleum product discharges discovered at the above-referenced facility satisfy the requirements set forth in Chapter 62-780, Florida Administrative Code (F.A.C.) and that the data and conclusions in this report provide reasonable assurances that the site rehabilitation requirements stated in Chapter 62-780, F.A.C., have been met.

**Alfie Nazario** Digitally signed by Alfie Nazario  
Date: 2022.10.31 08:16:01 -04'00'

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Alfie B. Nazario, P.E.  
Senior Engineer  
NorthStar Contracting Group, Inc.  
Petroleum Restoration Program Section Five

**From:** [Microsoft Outlook](#)  
**To:** [davisoilco@gmail.com](mailto:davisoilco@gmail.com)  
**Subject:** Relayed: Site Rehabilitation Completion Order FAC ID 118518121  
**Date:** Monday, November 21, 2022 2:15:42 PM  
**Attachments:** [Site Rehabilitation Completion Order FAC ID 118518121.msg](#)

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Delivery to these recipients or groups is complete, but no delivery notification was sent by the destination server:  
davisoilco@gmail.com (davisoilco@gmail.com) <mailto:davisoilco@gmail.com>  
Subject: Site Rehabilitation Completion Order FAC ID 118518121



# Department of Environmental Protection

2600 Blair Stone Road ♦ Tallahassee, Florida 32399-2400

DEP Form: 62-761.900(2)  
Form Title: Storage Tank Facility Registration Form  
Effective Date: July 2019  
Incorporated in Rule 62-761.400, F.A.C.

## Storage Tank Facility Registration Form

Review Registration Instructions Before Completing this Form

Submit this completed form for the facility when registration of storage tanks or compression vessels is required by Section 376.303, Florida Statutes

Please check all that apply:  New Registration  Existing Facility Info Update/Correction  New Owner  Existing Owner Info Update/Correction  New Tanks  Existing Tank Info Update/Correction

A. FACILITY INFORMATION County: Collier DEP Facility ID: 8518121

Facility Name: Gator Foods

Facility Address: 730 E Main St City: Immokalee Zip: 34142 3817

Facility Contact: DONALD DAVIS Business Phone: (239) 657-4244

Facility Type(s): D Financial Responsibility Mechanism (choose):  Insurance  Other

24 Hour Emergency Contact:  Emergency Phone:

B. ACCOUNT OWNER INFORMATION: Identify the Party responsible for payment of Registration Fees at the facility location named above

Legal Entity: GATOR FOODS INC Ownership Effective Date: \_\_\_\_\_

Contact Person: Donald Davis STCM Account Number (if known): 38236

Address: 540 New Market rd East

City: Immokalee State: FL Zip: 34142

Telephone: (239) 657-4244 Email Address: davisoilco@gmail.com

C. REAL PROPERTY OWNER INFORMATION: Identify the Party that is vested with ownership, dominion or legal or rightful title to the real property

Legal Entity: Please see the attached sheet Ownership Effective Date: \_\_\_\_\_

Contact Person: \_\_\_\_\_

Address: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_

Telephone: \_\_\_\_\_ Email Address: \_\_\_\_\_

D. TANK/VESSEL INFORMATION: Complete one row for each storage tank or compression vessel system located at this facility (see Registration Instructions for codes)

Tank ID	T or V	A or U	Capacity	Installation Date	Content Code	Status	Effective Date	Construction	Piping	Monitoring
1										
2										
3										
4										
5										
6										
7										
8										

Facility Registration Certification: To the best of my knowledge and belief, all information submitted on this form is true, accurate and complete.

The person signing this form is the: (check all that apply)

Account Owner (Responsible for Registration Fees)

Real Property Owner

Donald Davis

Signature (right click to sign)

Donald Davis

Printed Name

06/08/2020

Date

Title

## Other Additional Details

### Property Owner(s)

**Company Name:** GATOR FOODS INC  
**Name:** Donald Davis  
**Address Line 1:** 540 New Market rd East  
**Address Line 2:**  
**City:** Immokalee  
**State:** FL  
**Zip Code:** 34142  
**Phone Number:** (239) 657-4244  
**Cell Number:**  
**Fax Number:**  
**E-mail Address:** davisoilco@gmail.com

### Tank/Vessel Information

If you are editing the Tank ID, Installation Date or Tank Capacity, the new input will not be stored. To modify a Tank ID, Installation Date or Tank Capacity you must contact the Storage Tank registration staff at (850) 245-8839 or by e-mail at [TankRegistration@dep.state.fl.us](mailto:TankRegistration@dep.state.fl.us)

**Tank ID:** 1  
**T/V:** TANK  
**A/U:** ABOVEGROUND  
**Capacity:** 10159  
**Installed:** 07/01/1962  
**Content:** B  
**Status:** U  
**Status Effective Date:** 06/08/2020  
**Construction:** C, K  
**Piping:** B, C, F, A, J, K, L  
**Monitoring:** Q, K, 2, 4

**Tank ID:** 10  
**T/V:** TANK  
**A/U:** ABOVEGROUND  
**Capacity:** 10000  
**Installed:** 07/01/1990  
**Content:** D  
**Status:** U  
**Status Effective Date:** 06/08/2020  
**Construction:** C, K  
**Piping:** B, C, F, A, J, K, L

**Monitoring:** Q, K, 2, 4

**Tank ID:** 2  
**T/V:** TANK  
**A/U:** ABOVEGROUND  
**Capacity:** 10159  
**Installed:** 07/01/1962  
**Content:** B  
**Status:** U  
**Status Effective Date:** 06/08/2020  
**Construction:** C, K  
**Piping:** B, C, F, A, J, K, L  
**Monitoring:** Q, K, 2, 4

**Tank ID:** 3  
**T/V:** TANK  
**A/U:** UNDERGROUND  
**Capacity:** 1029  
**Installed:** 07/01/1962  
**Content:** A  
**Status:** B  
**Status Effective Date:** 06/30/1989  
**Construction:** C, K  
**Piping:** A, B, C, F, J, L  
**Monitoring:** 2, 4, K, Q

**Tank ID:** 4  
**T/V:** TANK  
**A/U:** ABOVEGROUND  
**Capacity:** 10159  
**Installed:** 07/01/1962  
**Content:** B  
**Status:** U  
**Status Effective Date:** 06/08/2020  
**Construction:** C, K  
**Piping:** B, C, F, A, J, K, L  
**Monitoring:** Q, K, 2, 4

**Tank ID:** 5  
**T/V:** TANK  
**A/U:** UNDERGROUND  
**Capacity:** 6333  
**Installed:** 07/01/1963



**Content:** E  
**Status:** B  
**Status Effective Date:** 10/31/1991  
**Construction:** C  
**Piping:** D  
**Monitoring:** Y

**Tank ID:** 6  
**T/V:** TANK  
**A/U:** UNDERGROUND  
**Capacity:** 2990  
**Installed:** 07/01/1962  
**Content:** E  
**Status:** B  
**Status Effective Date:** 10/31/1991  
**Construction:** C  
**Piping:** D  
**Monitoring:** Y

**Tank ID:** 7  
**T/V:** TANK  
**A/U:** ABOVEGROUND  
**Capacity:** 10159  
**Installed:** 07/01/1962  
**Content:** D  
**Status:** U  
**Status Effective Date:** 06/08/2020  
**Construction:** C, K  
**Piping:** B, C, F, A, J, K, L  
**Monitoring:** Q, K, 2, 4

**Tank ID:** 8  
**T/V:** TANK  
**A/U:** ABOVEGROUND  
**Capacity:** 10159  
**Installed:** 07/01/1962  
**Content:** D  
**Status:** U  
**Status Effective Date:** 06/08/2020  
**Construction:** C, K  
**Piping:** B, C, F, A, J, K, L  
**Monitoring:** Q, K, 2, 4

<b>Tank ID:</b>	9
<b>T/V:</b>	TANK
<b>A/U:</b>	ABOVEGROUND
<b>Capacity:</b>	10159
<b>Installed:</b>	07/01/1962
<b>Content:</b>	B
<b>Status:</b>	U
<b>Status Effective Date:</b>	06/08/2020
<b>Construction:</b>	C, K
<b>Piping:</b>	B, C, F, A, J, K, L
<b>Monitoring:</b>	Q, K, 2, 4

# Florida Department of Environmental Protection

Bob Martinez Center • 2600 Blair Stone Road • Tallahassee, Florida 32399-2400

## Division of Waste Management - Storage Tank Facility Registration Form Registration Instructions and Codes List

Storage tank registration is available online through the DEP Business Portal in lieu of the paper form:

- *DEP Business Portal can be found:* [Online Services Business Portal \(ESSA\)](#)
- *Instructions on how to navigate the DEP Business Portal can be found on the DEP Registration web page:* [Storage Tank Facility Registration](#)

### Storage Tank Facility Registration Form

In the first outlined section block, identify the types of information being submitted on the registration form.

[Forms 62-761.900(2) for Underground Storage Tanks (USTs), and 62-762.901(2) for Aboveground Storage Tanks (ASTs). For facilities with both types of tanks, one form may be used].

Check **New Registration** when the **location** is being registered for the first time and no Facility Identification number exists. If submitting a revised Registration form, check all other boxes that apply to designate the type(s) of revisions being submitted.

---

#### A. Facility Information

- County** List the county where the storage tank facility is located.
- Facility ID** Include the DEP Facility Identification number whenever possible. Write in "Pending" when submitting a new registration for the first time. Remember: the Facility ID number identifies the location, and it does not change even when a facility is transferred to a new owner upon sale of the facility.
- Facility Name** Provide the current name of the business establishment operating at the facility location. When registering an abandoned facility, where tanks exist but there is no operational business, identify the location with the property owner's name, as in "Smith Property", if no other facility name is being used.
- Facility Address** Include the street number and name. In a rural area with no street number associated with it, provide the parcel ID number along with directions (e.g., 'x' miles N of intersection...). Provide the name and telephone number of a contact person or manager *on location*, where possible.
- Facility Type** This information is an explanation or term that most closely describes the operational use of the facility. Select the code(s) that provides the best or most appropriate description of the facility.
1. If the facility is owned by a government entity, select the appropriate type from the following:  
**F.** Federal Government                      **H.** Local or City Government                      **N.** Native Tribal Lands  
**G.** State Government                      **I.** County Government
  2. If the facility meets the definition of "bulk product facility" - a waterfront location with at least one aboveground tank with a capacity greater than 30,000 gallons which is used for the storage of pollutants ("Pollutants" includes oil of any kind and in any form, gasoline, pesticides, ammonia, chlorine, and derivatives thereof, excluding liquefied petroleum gas"); select the type from:  
**T.** Coastal bulk product facility - facility, as defined above and located on the Florida coast, may have storage tank systems that store hazardous substances in addition to pollutants. ("Coastline means the line of mean low water along the portion of the coast that is in direct contact with the open sea and the line marking the seaward limit of inland waters, as determined under the Convention on Territorial Seas and the Contiguous Zone, 15 U.S.T. (Pt. 2) 1606.").  
**S.** Inland waterfront bulk product facility – a facility, as defined above and located on "inland waterways" (lakes, rivers), may have storage tank systems that store hazardous substances in addition to pollutants.
  3. When the facility is a "waterfront location", but not a *bulk product facility* as defined above, select the most appropriate type from:  
**V.** Marine fueling facility - a commercial, recreational, or retail coastal facility that provides fuel to vessels and may store other pollutants and/or hazardous substances on site.

**Facility Type continued**

- W.** Waterfront fueling facility - a commercial, recreational, or retail facility located on a non-coastal waterway that provides fuel to vessels and may store other pollutants and/or hazardous substances on site.
- 4. When the facility is not described as previously stated, select the most appropriate type from:
  - A.** Retail Station - primarily supplies vehicular fuel to automotive customers; may store other regulated substances.
  - C.** Fuel User, Non-retail - primarily stores motor fuel and/or other pollutants or hazardous substances for consumption by facility/owner/operator.
  - D.** Inland Bulk Petroleum Storage - inland facility with no waterfront access, that has multiple active UST and/or AST storage systems used primarily for storage of pollutants intended for distribution. May also store hazardous substances on-site for facility consumption and/or distribution purposes.
  - E.** Industrial Plant - inland facility with no waterfront access; may include power plants and facilities designed for manufacturing and/or chemical processing; may have multiple active UST and/or AST storage systems used for storage of pollutants and/or hazardous substances intended for facility consumption.
  - J.** Collection Station - maintenance or other related facility that acquires and temporarily stores used and/or waste oil prior to recycling and/or disposal.
  - K.** Inland Bulk Chemical Storage - inland facility with no waterfront access, that has multiple active UST and/or AST storage systems and/or compression vessels used for storage of hazardous substances intended for distribution. May also store pollutants on site for facility consumption and/or distribution purposes.
  - L.** Chemical User - facility primarily uses regulated hazardous substance tanks on site; may also store pollutants.
  - M.** Agricultural - facility actively used in production of crops, plants, or livestock.
  - P.** UST Residential (>1100 gallons) - residence with USTs regulated by Federal Environmental Protection Agency.
  - Z.** Other - Identify the type of establishment that you are registering.

**Financial Responsibility** – The demonstration of financial responsibility shall be made by the owner or operator in accordance with 40 CFR 280, Subpart H. Check box for Insurance or Other (includes all other financial responsibility methods).

**24 Hour Emergency Contact** - Provide the name and telephone number of the Emergency Contact for this facility.

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**B. Account Owner Information**

1. Provide the name, address, contact name, telephone number, and email address of the individual(s) and/or business(es) that are responsible for the operation of the storage tanks and for the payment of DEP annual Storage Tank Registration fees. The Account Owner is responsible for payment of the annual storage tank registration fees and will receive the annual storage tank registration placard(s) upon payment. Please provide your account owner's (STCM) email address for your Accounts Payable (AP) or the contact to whom all invoices are to be emailed.
2. When submitting revisions to owner's contact name or address information, please include their STCM Account Number.
3. When ownership changes, submit a registration form complete with the effective date of ownership and new account owner's signature.

---

**C. Real Property Owner Information**

1. Provide the legal entity name, address, contact name, telephone number, and email address of the individual(s) and/or business(es) that are vested with ownership, dominion or legal or rightful title to the real property.
2. Submit a registration form when the property ownership changes, complete with the date.

**D. Tank/Compression Vessel Information** - Complete one row in Section D for each storage tank and/or compression vessel system located at the facility. Use the following system description codes where appropriate.

1. **Tank ID** – number the systems sequentially, or provide a unique ID number; do not use symbols (#, %, -, etc.).
2. **Tank or Vessel Indicator** – choose T or V to describe the system type.
3. **Tank Placement** – choose A or U to designate aboveground or underground placement of the system.
4. **Tank Capacity** – enter the storage tank capacity in gallons.
5. **Installation Date** – record the date of installation in ‘MM/YY’ format; provide a best estimate if unknown.
6. **Tank Content** – record the current content (or last content, if system is closed or out-of-service) from the list below:

A	Leaded Gasoline	M	Fuel Oil: On-site Heating Only; USTs or ASTs < 30K gals <sup>^</sup>	W	Petroleum-based Additive Product
B	Unleaded Gasoline (No Ethanol)	N	Fuel Oil: Distribution; or On-site Heating - ASTs > 30K gals <sup>¥</sup>	X	Miscellaneous Petroleum-based Product
D	Diesel Fuel	O	New and Lube Oil	Y	Unknown Substance
E	Aviation Gasoline	Q	Pesticide	Z	Other Substance (please identify)
F	Jet Fuel	R	Ammonia Compound	7	Biodiesel (B20)
G	Diesel Fuel-Emergency Generator	S	Chlorine Compound	8	E10 – Blend of 10% Ethanol/90% Gasoline
J	Used Oil	T	Hazardous Substance (CERCLA)	9	E85 – Blend of 85% Ethanol/15% Gasoline
K	Kerosene	U	Mineral Acid*		
L	Waste Oil	V	Grades 5 & 6 Bunker “C” Residual Oils		

\* Mineral Acid = Hydrobromic acid, Hydrochloric acid, Hydrofluoric acid, Phosphoric acid and Sulfuric acid.

<sup>^</sup> M = fuel is used solely to heat the facility premises and must be stored in a tank with capacity < 30,000 gallons; exempt from regulation.

<sup>¥</sup> N = fuel is distributed as heating fuel, or fuel is used solely to heat the facility premises, but the storage tank capacity exceeds 30,000 gallons.

\*\* Compartmented tanks – register as a single tank; itemize the size and contents of each compartment. See construction miscellaneous attributes.

\*\* Manifold tanks – register as individual storage tanks; with individual size and content – even though they are “connected”.

7. **Status** – record the current status of the system, and the status effective date (or best estimate) in ‘MM/YY’ format. Update the tank status timely, as necessary for tanks moving between “in service” and “out-of-service” status.
  - A. Properly closed in-place UST filled with sand, concrete or other inert material; AST rendered unusable.
  - B. Removed from the site.
  - D. Deleted – Data Error – Added to STCM in error; may be a duplicate tank (and/or facility), or tank was registered prior to installation and decided not to have tank installed.
  - E. Construction modified – AST constructed as a “mobile tank” or enclosed in a building; no longer retains a “regulated” status.
  - M. Moved to New Site – Designation that identifies a tank as removed from a particular facility and reinstalled at a second facility.
  - T. Out-of-service tank – Tank system that is designated as out-of-service by the owner or operator.
  - U. In-service – Tank system that is NOT designated as out-of-service by the owner or operator.
  - V. Temporary out-of-service – Field erected storage tank system that is designated as temporary out-of-service by the owner or operator.
  - X. Non-regulated use/process – Exempt from regulation due to how the tank or substance is used; i.e., tank stores diesel used in FLOWTHROUGH process.
  - Z. Non-regulated product – Stored in tank; provide status effective date when status relates to a ‘change in product’ from a regulated substance to a non-regulated substance for a particular storage tank.
8. **Construction, Piping, and Monitoring Attributes** – Select from the lists on the following page the codes that best describe the attributes of each storage tank system.

---

**CONSTRUCTION**

<b>Primary Construction:</b>	<b>C</b> Steel <b>D</b> Unknown <b>E</b> Fiberglass <b>F</b> Fiberglass-clad steel	<b>X</b> Concrete <b>Y</b> Polyethylene <b>Z</b> Other DEP approved protection method
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<b>Overfill/Spill:</b>	<b>A</b> Ball check valve <b>M</b> Spill containment bucket <b>N</b> Flow shut-off	<b>O</b> Tight fill <b>P</b> Level gauges, high-level alarms <b>Q</b> Other DEP approved protection method
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<b>Corrosion Protection</b>	<b>G</b> Cathodic protection – sacrificial anode	<b>H</b> Cathodic protection – impressed current
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<b>Secondary Containment</b>	<b>I</b> Double-walled construction: single material (outer tank material same as inner tank material) <b>R</b> Double-walled construction: dual material (outer tank – concrete, approved synthetic material, or tank “jacket”) <b>J</b> Synthetic liner in tank excavation <b>K</b> Concrete, synthetic material, and/or off-site clays beneath AST and in containment area <b>S</b> Other DEP approved/registered containment system
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<b>Construction:</b>	<b>B</b> Internal Lining	<b>U</b> Field Erected
<b>Miscellaneous Attributes</b>	<b>L</b> Compartmented	<b>W</b> Built on supports

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**PIPING**

<b>Primary Construction</b>	<b>B</b> Steel or Galvanized Metal <b>C</b> Fiberglass <b>N</b> Approved Synthetic Material	<b>X</b> No piping associated with tank <b>Y</b> Unknown <b>Z</b> Other DEP approved piping material
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<b>Corrosion Protection</b>	<b>D</b> External Protective Coating <b>E</b> Cathodically Protected with Sacrificial Anode or Impressed Current
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<b>Secondary Containment</b>	<b>F</b> Double-walled construction: single material (outer pipe material same as inner pipe material) <b>M</b> Double-walled construction: dual material (outer pipe approved synthetic material or pipe “jacket”) <b>G</b> Synthetic liner or box/trench liner in piping excavation or pipe containment area <b>P</b> Internal Piping: contained within an internal sump riser directly connected to tank and located beneath dispenser
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<b>Piping:</b>	<b>A</b> Aboveground – no contact with soil	<b>K</b> Dispenser Sumps
<b>Miscellaneous Attributes</b>	<b>I</b> Suction Piping System <b>J</b> Pressurized Piping System <b>W</b> Piping over water	<b>L</b> Bulk Product System <b>H</b> Airport/Seaport Hydrant System

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**MONITORING**

<b>External</b>	<b>E</b> Monitoring of UST synthetic liner <b>Q</b> Visual Inspection of AST Systems <b>B</b> Manually Sampled Wells	<b>W</b> Fiber-optics Technologies <b>Z</b> Other DEP approved monitoring methods
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<b>Internal</b>	<b>F</b> Interstitial Space – Double-walled Tank <b>R</b> Interstitial Monitoring of AST Tank Bottom
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<b>Piping Monitoring</b>	<b>G</b> Electronic Line Leak Detector with Flow Shutoff <b>H</b> Mechanical Line Leak Detector <b>J</b> Monitoring of Piping Liner	<b>K</b> Interstitial Monitoring – Double-walled Piping <b>U</b> Bulk Product Piping Pressure Test <b>6</b> External Monitoring
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<b>Miscellaneous</b>	<b>I</b> Not Required – See Rule for Exemptions <b>Y</b> Unknown <b>1</b> Continuous Electronic Sensing Equipment <b>2</b> Visual Inspections of Piping Sumps	<b>3</b> Electronic Monitoring of Piping Sumps <b>4</b> Visual Inspections of Dispenser Sumps <b>5</b> Electronic Monitoring of Dispenser Sumps
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#### **E. Certified Contractor and Certification**

Record the name and the *Department of Business and Professional Regulation License Number* for the *Certified Contractor* whenever an underground storage tank has been installed or removed. Do not rely on the contractor to file this form. Storage Tank Registration Forms are required to be submitted by the storage tank system owner.

***Please Remember*** - The Registration Form cannot be processed without the name and signature of the storage tank system owner and the date of the form submittal. Please print the name legibly in case a representative of the storage tank program should need to contact you.

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Submit form to [tankregistration@floridadep.gov](mailto:tankregistration@floridadep.gov)

*If you have questions, please call a storage tank registration representative at (850) 245-8839 or email [tankregistration@floridadep.gov](mailto:tankregistration@floridadep.gov) for assistance. Thank you for your cooperation.*



# UNIVERSAL Solutions, Inc.

Engineers, Scientists, Environmental Consultants  
8339 Stone Run Court, Tampa, Florida 33615  
813-639-1241 [www.usienvironmental.com](http://www.usienvironmental.com)

January 22, 2023

Sent via email: JTromer@northstar.com

c/o Florida Department of Environmental Protection  
2600 Blair Stone Rd.  
Tallahassee, Florida 32399-2400

Attn: Ms. Jessica Tromer  
Associate Scientist  
NorthStar Contracting Group, Inc.  
Petroleum Restoration Program Section Five  
jtromer@northstar.com

**Subject: Well Plugging & Abandonment Report**  
Gator Food Store/Davis Oil Company  
726/730 E. Main Street  
Immokalee, Collier County, FL  
FDEP Fac. ID# 11/8518121

Dear Ms. Tromer,

UNIVERSAL Solutions, Inc. (USI) is pleased to submit this Well Plugging and Abandonment Report. The report addresses the Site Rehabilitation and Closure Approval letter dated November 21, 2022. On January 7, 2023, MDM Services, Lakeland, Florida a Licensed Water Well Driller and Universal Solutions personnel mobilized to the subject facility in order to plug and abandon the existing monitor wells.

MDM obtained a well plugging permit from Collier county and proceeded to plug and abandon a total of ten (10) site monitor wells per Collier County and Water Management District Well Abandonment Guidelines. **Appendix A** includes a copy of the Permit and the Well Completion Reports.

Key documentation provided includes the following:

Appendices

Appendix A: Plugging Permit and Well Completion Reports





UNIVERSAL SOLUTIONS, INC.

If you have any questions, Please call or email John McKeague at (813) 230-6422 or email [Jmckeague@usienvironmental.com](mailto:Jmckeague@usienvironmental.com).

Respectfully Submitted,

*John McKeague*

Universal Solutions, Inc.  
John McKeague, P.G.  
Florida License No. 081

Cc: Donnie Davis, Davis Oil Company



**APPENDIX A**

**COLLIER COUNTY  
BOARD OF COUNTY COMMISSIONERS**

**PERMIT**

PERMIT #: PRWL2022125780101

PERMIT TYPE: Well Permits

DATE ISSUED: January 04, 2023

BUILDING CODE IN EFFECT: FBC 7th Edition 2020 w/ 2022 sup2

JOB ADDRESS: 726 E Main ST, Immokalee

FOLIO #: 116560007

JOB DESCRIPTION: Abandonment of (8) shallow wells

726 E Main ST, Immokalee

OWNER INFORMATION:

DAVIS OIL COMPANY INC

726 E MAIN STREET

IMMOKALEE, FL 34142

AREA OF WORK (SQFT):

SETBACKS:

FRONT:    REAR:    LEFT:    RIGHT:

FLOOD ZONE:

SEWER:

WATER:

CONTRACTOR INFORMATION:

MDM SERVICES, INC.

1055 KATHLEEN RD

LAKELAND, FL 33805

(863) 646-9130 Ext: Michael A.

CERTIFICATE #:

C26718

**INSPECTION JOB CARD**

To schedule inspections call 239-252-3726  
or visit <https://cvportal.colliercountyfl.gov/cityviewweb>

SETBACKS:											
FRONT:		REAR:		LEFT:		RIGHT:		SPECIAL:		FLOOD ZONE:	FZ
INSPECTION			OUTCOME				COMMENTS				
804 - Well											
OPEN CONDITIONS											
Condition Type:		Condition Description:									
Inspection Hold		Please upload the Well Completion Report to this condition on the CityView portal located at <a href="https://cvportal.colliercountyfl.gov/cityviewweb">https://cvportal.colliercountyfl.gov/cityviewweb</a>									

**NOTE:** If you are unable to schedule your inspection, please contact the inspection desk at 252-2400.

**NOISE ORDINANCE:** Collier County Codes of Laws and Ordinances 54-92(f) Construction Sound. **NOISE LIMITATIONS** are in effect at all times. Work permitted, **RESIDENTIAL** Areas – 6:30 AM to 7:00 PM Monday thru Saturday; **NON-RESIDENTIAL** Areas (more than 500 feet from Residential Area) 6:00AM to 8:00PM Monday thru Saturday. No Work on Sundays or Holidays. **RADIOS, LOUDSPEAKERS, ETC.** – Must not disturb peace, quiet and comfort of neighboring inhabitants. **FREE CABLE LOCATIONS** – Call 48 Hours prior to digging/FPL 434-1222/UTS 1-800-542-0088/PalmerCATV 783-0638 and all other applicable utilities.

Per currently adopted building code ordinance, as it may be amended, all work must comply with all applicable laws, codes, ordinances, and any additional stipulations or conditions of this permit. This permit expires if work authorized by the permit is not commenced within six (6) months from the date of issuance of the permit. Additional fees for failing to obtain permits prior to the commencement of construction may be imposed. Permittee(s) further understands that any contractor that may be employed must be a licensed contractor and that the structure must not be used or occupied until a Certificate of Occupancy is issued.

**NOTICE: PRIOR TO THE REMOVAL OF ASBESTOS PRODUCTS OR THE DEMOLITION OF A STRUCTURE, FEDERAL AND STATE LAWS REQUIRE THE PERMITTEE (EITHER THE OWNER OR CONTRACTOR) TO SUBMIT A NOTICE OF THE INTENDED WORK TO THE STATE DEPARTMENT OF ENVIRONMENTAL PROTECTION (DEP). FOR MORE INFORMATION, CONTACT DEP AT (239) 344-5600.**

**NOTICE:** In addition to the conditions 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.

**WARNING TO OWNER: YOUR FAILURE TO RECORD A NOTICE OF COMMENCEMENT MAY 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 RECORDING YOUR NOTICE OF COMMENCEMENT.**

**COLLIER COUNTY  
BOARD OF COUNTY COMMISSIONERS**

**PERMIT**

PERMIT #: PRWL2022125780201

PERMIT TYPE: Well Permits

DATE ISSUED: January 04, 2023

BUILDING CODE IN EFFECT: FBC 7th Edition 2020 w/ 2022 sup2

JOB ADDRESS: 726 E Main ST, Immokalee

FOLIO #: 116560007

JOB DESCRIPTION: Abandonment of (2) deep monitoring wells

726 E Main ST, Immokalee

OWNER INFORMATION:

DAVIS OIL COMPANY INC

726 E MAIN STREET

IMMOKALEE, FL 34142

AREA OF WORK (SQFT):

SETBACKS:

FRONT:    REAR:    LEFT:    RIGHT:

FLOOD ZONE:

SEWER:

WATER:

CONTRACTOR INFORMATION:

MDM SERVICES, INC.

1055 KATHLEEN RD

LAKELAND, FL 33805

(863) 646-9130 Ext: Michael A.

CERTIFICATE #:

C26718

**INSPECTION JOB CARD**

To schedule inspections call 239-252-3726  
or visit <https://cvportal.colliercountyfl.gov/cityviewweb>

SETBACKS:											
FRONT:		REAR:		LEFT:		RIGHT:		SPECIAL:		FLOOD ZONE:	FZ
INSPECTION			OUTCOME				COMMENTS				
804 - Well											
OPEN CONDITIONS											
Condition Type:		Condition Description:									
Inspection Hold		Please upload the Well Completion Report to this condition on the CityView portal located at <a href="https://cvportal.colliercountyfl.gov/cityviewweb">https://cvportal.colliercountyfl.gov/cityviewweb</a>									

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# STATE OF FLORIDA WELL COMPLETION REPORT

Date Stamp

- Southwest
- Northwest
- St. Johns River
- South Florida
- Suwannee River
- DEP
- Delegated Authority (If Applicable) Collier County

PLEASE, FILL OUT ALL APPLICABLE FIELDS  
(\*Denotes Required Fields Where Applicable)

Official Use Only

1.\*Permit Number PRWL2022125780101 \*CUP/WUP Number N/A \*DID Number N/A 62-524 Delineation No. N/A

2.\*Number of permitted wells constructed, repaired, or abandoned 8 \*Number of permitted wells not constructed, repaired, or abandoned 0

3.\*Owner's Name Davis Oil Company 4.\*Completion Date 01/07/23 5. Florida Unique ID \_\_\_\_\_

6. 726 E. Main St., Immokalee, FL 34142  
\*Well Location - Address, Road Name or Number, City, ZIP

7.\*County Collier \*Section 3 Land Grant \_\_\_\_\_ \*Township 47 S \*Range 29 E

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):

<input type="checkbox"/> Domestic	<input type="checkbox"/> Landscape Irrigation	<input type="checkbox"/> Agricultural Irrigation	<input type="checkbox"/> Site Investigation
<input type="checkbox"/> Bottled Water Supply	<input type="checkbox"/> Recreation Area Irrigation	<input type="checkbox"/> Livestock	<input checked="" type="checkbox"/> Monitoring
<input type="checkbox"/> Public Water Supply (Limited Use/DOH)	<input type="checkbox"/> Nursery Irrigation	<input type="checkbox"/> Test	<input type="checkbox"/> Earth-Coupled Geothermal
<input type="checkbox"/> Public Water Supply (Community or Non-Community/DEP)	<input type="checkbox"/> Golf Course Irrigation	<input type="checkbox"/> HVAC Supply	<input type="checkbox"/> HVAC Return
<input type="checkbox"/> Class I Injection			

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 Plugged by approved method

13.\*Measured Static Water Level 5 ft. Measured Pumping Water Level \_\_\_\_\_ ft. After \_\_\_\_\_ Hours at \_\_\_\_\_ GPM

14.\*Measuring Point (Describe) TOC Which is 0.5 ft. \_\_\_\_\_ Above  Below Land Surface \*Flowing: \_\_\_\_\_ Yes \_\_\_\_\_ No

15.\*Casing Material: \_\_\_\_\_ Black Steel \_\_\_\_\_ Galvanized  PVC \_\_\_\_\_ Stainless Steel \_\_\_\_\_ Not Cased \_\_\_\_\_ Other \_\_\_\_\_

16.\*Total Well Depth 3.8 ft. Cased Depth 13.8 ft. \*Open Hole: From \_\_\_\_\_ To \_\_\_\_\_ ft. \*Screen: From 3.8 To 13.8 ft. Slot Size 0.010

17.\*Abandonment:  Other (Explain) Plugged by approved method

From <u>0</u> ft. To <u>13.8</u> ft.	No. of Bags <u>2</u>	Seal Material (Check One): <input checked="" type="checkbox"/> Neat Cement	<input type="checkbox"/> Bentonite	<input type="checkbox"/> Other
From _____ ft. To _____ ft.	No. of Bags _____	Seal Material (Check One): _____ Neat Cement	<input type="checkbox"/> Bentonite	<input type="checkbox"/> Other
From _____ ft. To _____ ft.	No. of Bags _____	Seal Material (Check One): _____ Neat Cement	<input type="checkbox"/> Bentonite	<input type="checkbox"/> Other
From _____ ft. To _____ ft.	No. of Bags _____	Seal Material (Check One): _____ Neat Cement	<input type="checkbox"/> Bentonite	<input type="checkbox"/> Other
From _____ ft. To _____ ft.	No. of Bags _____	Seal Material (Check One): _____ Neat Cement	<input type="checkbox"/> Bentonite	<input type="checkbox"/> Other

18.\*Surface Casing Diameter and Depth:

Dia _____ in. From _____ ft. To _____ ft.	No. of Bags _____	Seal Material (Check One): _____ Neat Cement	<input type="checkbox"/> Bentonite	<input type="checkbox"/> Other
Dia _____ in. From _____ ft. To _____ ft.	No. of Bags _____	Seal Material (Check One): _____ Neat Cement	<input type="checkbox"/> Bentonite	<input type="checkbox"/> Other

19.\*Primary Casing Diameter and Depth:

Dia _____ in. From _____ ft. To _____ ft.	No. of Bags _____	Seal Material (Check One): _____ Neat Cement	<input type="checkbox"/> Bentonite	<input type="checkbox"/> Other
Dia _____ in. From _____ ft. To _____ ft.	No. of Bags _____	Seal Material (Check One): _____ Neat Cement	<input type="checkbox"/> Bentonite	<input type="checkbox"/> Other
Dia _____ in. From _____ ft. To _____ ft.	No. of Bags _____	Seal Material (Check One): _____ Neat Cement	<input type="checkbox"/> Bentonite	<input type="checkbox"/> Other
Dia _____ in. From _____ ft. To _____ ft.	No. of Bags _____	Seal Material (Check One): _____ Neat Cement	<input type="checkbox"/> Bentonite	<input type="checkbox"/> Other
Dia _____ in. From _____ ft. To _____ ft.	No. of Bags _____	Seal Material (Check One): _____ Neat Cement	<input type="checkbox"/> Bentonite	<input type="checkbox"/> Other

20.\*Liner Casing Diameter and Depth:

Dia _____ in. From _____ ft. To _____ ft.	No. of Bags _____	Seal Material (Check One): _____ Neat Cement	<input type="checkbox"/> Bentonite	<input type="checkbox"/> Other
Dia _____ in. From _____ ft. To _____ ft.	No. of Bags _____	Seal Material (Check One): _____ Neat Cement	<input type="checkbox"/> Bentonite	<input type="checkbox"/> Other
Dia _____ in. From _____ ft. To _____ ft.	No. of Bags _____	Seal Material (Check One): _____ Neat Cement	<input type="checkbox"/> Bentonite	<input type="checkbox"/> Other

21.\*Telescope Casing Diameter and Depth:

Dia _____ in. From _____ ft. To _____ ft.	No. of Bags _____	Seal Material (Check One): _____ Neat Cement	<input type="checkbox"/> Bentonite	<input type="checkbox"/> Other
Dia _____ in. From _____ ft. To _____ ft.	No. of Bags _____	Seal Material (Check One): _____ Neat Cement	<input type="checkbox"/> Bentonite	<input type="checkbox"/> Other
Dia _____ in. From _____ ft. To _____ ft.	No. of Bags _____	Seal Material (Check One): _____ Neat Cement	<input type="checkbox"/> Bentonite	<input type="checkbox"/> 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 Michael Alexander \*License Number 9248 E-mail Address mike.alexander@mdmservices.com

\*Contractor's Signature \_\_\_\_\_ \*Driller's Name (Print or Type) Marcus Williams

(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

**ST. JOHNS RIVER WATER MANAGEMENT DISTRICT**  
 4049 REID STREET, PALATKA, FL 32178-1429  
 PHONE: (386) 329-4500  
 WWW.SJRWMD.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

**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

**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

\***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 _____	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 _____
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: See attached site map for well locations. (MW-4, MW-9, MW-10, MW-12, MW-14, MW-17, MW-24, and MW-18USI)

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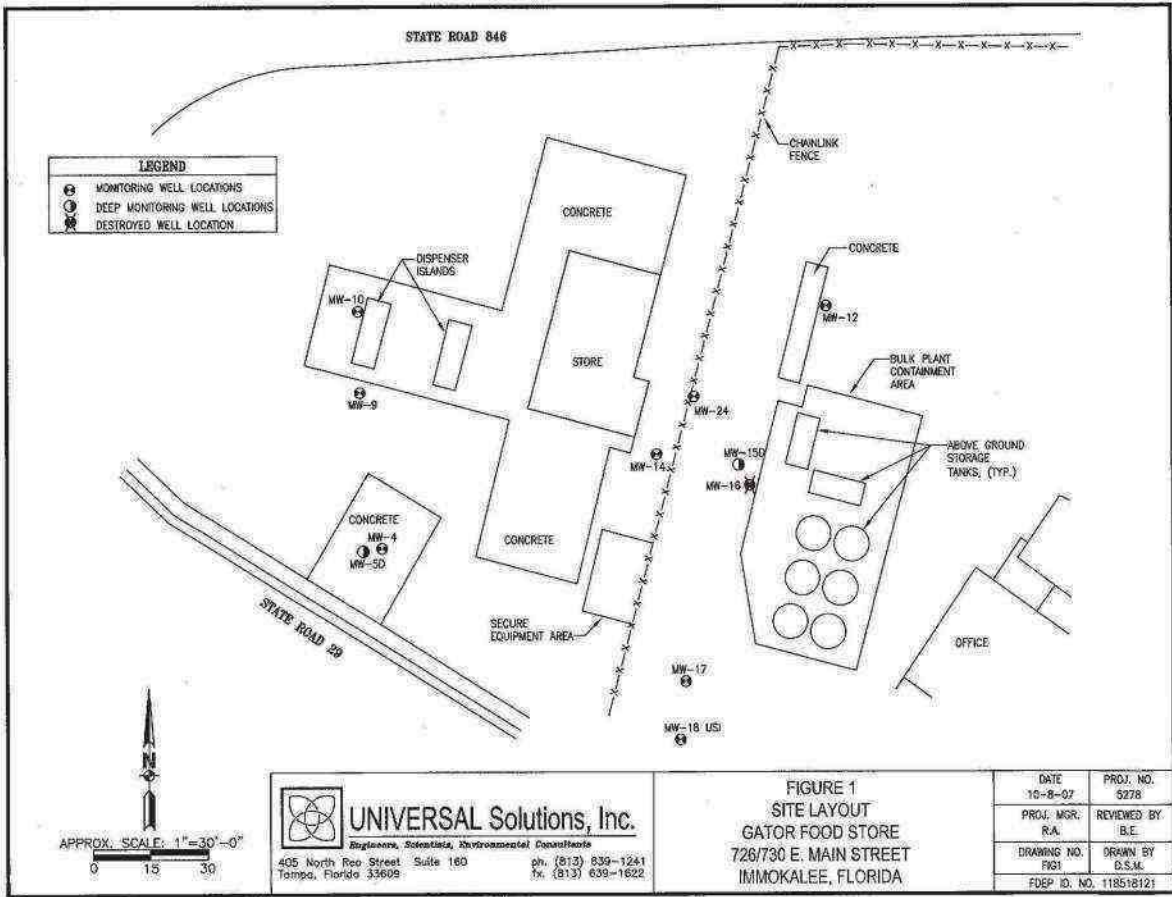


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\*Detailed Site Map of Well Location







**UNIVERSAL Solutions, Inc.**  
*Engineers, Scientists, Environmental Consultants*  
 405 North Rep Street Suite 180 Tampa, Florida 33609  
 ph. (813) 839-1241  
 fx. (813) 639-1622

**FIGURE 1**  
**SITE LAYOUT**  
**GATOR FOOD STORE**  
 726/730 E. MAIN STREET  
 IMMOKALEE, FLORIDA

DATE 10-8-07	PROJ. NO. 6278
PROJ. MGR. R.A.	REVIEWED BY I.B.E.
DRAWING NO. F031	DRAWN BY D.S.M.
FDEP ID. NO. 118518121	



STATE OF FLORIDA WELL COMPLETION REPORT

Date Stamp

- 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) Collier County

Official Use Only

1.\*Permit Number PRWL2022125780201 \*CUP/WUP Number N/A \*DID Number N/A 62-524 Delineation No. N/A

2.\*Number of permitted wells constructed, repaired, or abandoned 2 \*Number of permitted wells not constructed, repaired, or abandoned 0

3.\*Owner's Name Davis Oil Company 4.\*Completion Date 01/07/23 5. Florida Unique ID

6. 726 E. Main St., Immokalee, FL 34142

\*Well Location - Address, Road Name or Number, City, ZIP

7.\*County Collier \*Section 3 Land Grant \*Township 47 S \*Range 29 E

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 Investigation
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) Golf Course Irrigation Commercial/Industrial Earth-Coupled Geothermal
Class I Injection 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 Plugged by approved method

13.\*Measured Static Water Level 15 ft. Measured Pumping Water Level ft. After Hours at GPM

14.\*Measuring Point (Describe) TOC Which is 0.5 ft. Above Below Land Surface \*Flowing: Yes No

15.\*Casing Material: Black Steel Galvanized PVC Stainless Steel Not Cased Other

16.\*Total Well Depth 28.9 ft. Cased Depth 23.9 ft. \*Open Hole: From To ft. \*Screen: From 23.9 To 28.9 ft. Slot Size 0.010

17.\*Abandonment: Other (Explain) Plugged by approved method

Table with 4 columns: From ft. To ft., No. of Bags, Seal Material (Check One), and other options like Neat Cement, Bentonite, Other.

18.\*Surface Casing Diameter and Depth:

Table with 4 columns: Dia in., From ft. To ft., No. of Bags, Seal Material (Check One).

19.\*Primary Casing Diameter and Depth:

Table with 4 columns: Dia in., From ft. To ft., No. of Bags, Seal Material (Check One).

20.\*Liner Casing Diameter and Depth:

Table with 4 columns: Dia in., From ft. To ft., No. of Bags, Seal Material (Check One).

21.\*Telescope Casing Diameter and Depth:

Table with 4 columns: Dia in., From ft. To ft., No. of Bags, Seal Material (Check One).

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

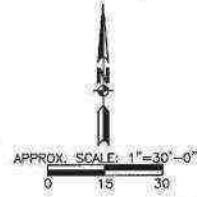
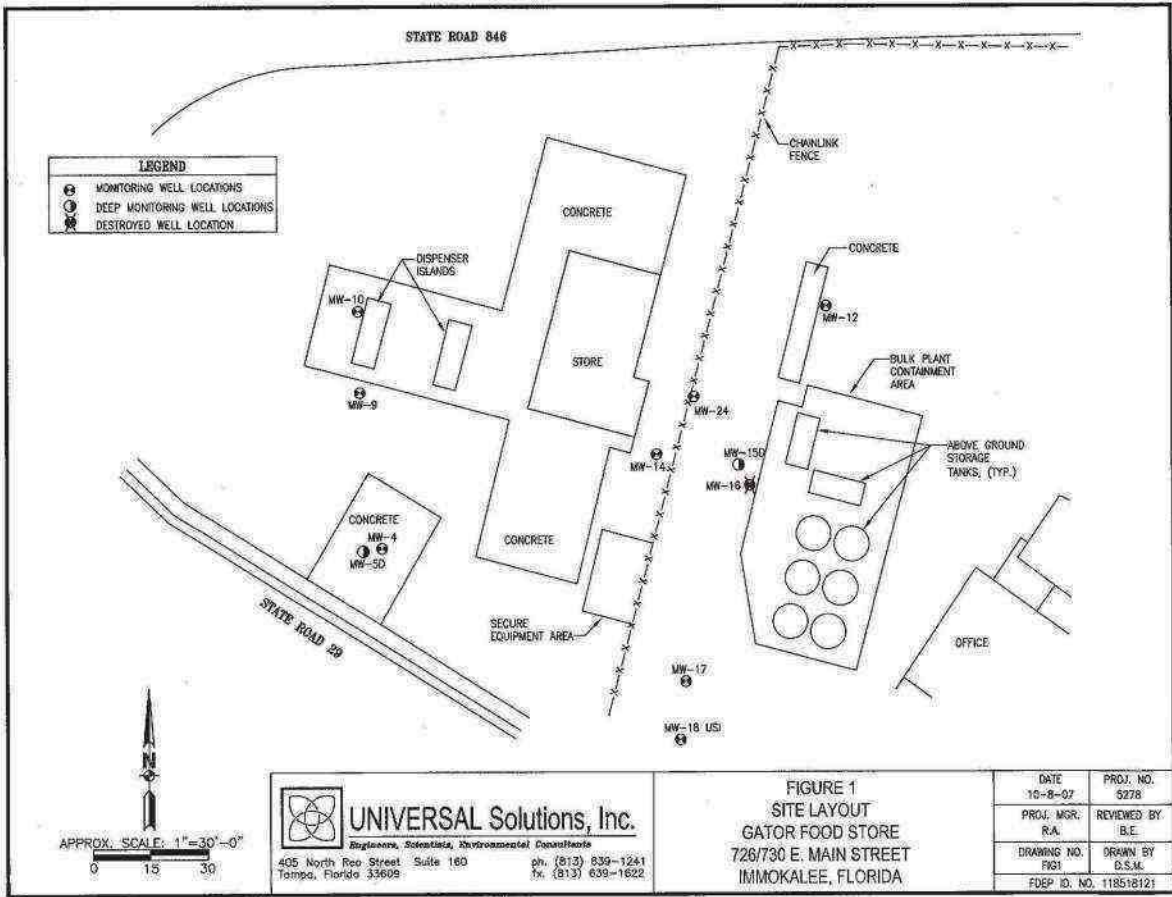
24. Water Well Contractor:

\*Contractor Name Michael Alexander \*License Number 9248 E-mail Address mike.alexander@mdmservices.com

\*Contractor's Signature \*Driller's Name (Print or Type) Marcus Williams

(I certify that the information provided in this report is accurate and true.)





**UNIVERSAL Solutions, Inc.**  
*Engineers, Scientists, Environmental Consultants*  
 405 North Rep Street Suite 180 Tampa, Florida 33609  
 ph. (813) 839-1241  
 fx. (813) 639-1622

**FIGURE 1**  
**SITE LAYOUT**  
**GATOR FOOD STORE**  
 726/730 E. MAIN STREET  
 IMMOKALEE, FLORIDA

DATE	PROJ. NO.
10-8-07	6278
PROJ. MGR.	REVIEWED BY
R.A.	I.B.E.
DRAWING NO.	DRAWN BY
FIG1	D.S.M.
FDEP ID. NO. 118518121	

## ***Site 31 – Collier County - Immokalee Airport Site***



FLORIDA DEPARTMENT OF  
ENVIRONMENTAL PROTECTION

South District Office  
2295 Victoria Avenue, Suite 364  
Fort Myers, Florida 33901-3881

Ron DeSantis  
Governor

Jeanette Nuñez  
Lt. Governor

Shawn Hamilton  
Secretary

Sent via email to: [sonja.stephenson@colliercountyfl.gov](mailto:sonja.stephenson@colliercountyfl.gov)

Date: 10/05/2022

Sonja Stephenson  
3335 Tamiami Trail  
Naples, FL 34112

RE: Authorization for Disaster Debris Management Sites (DDMS) - Ian

Dear Sonja Stephenson,

In accordance with the Emergency Final Order OGC No. 22-2602 (the Order), which was executed on 09/24/2022, the Department may issue field authorizations for disaster debris management sites (DDMS) to be used for temporary storage and processing of disaster debris. Disaster debris includes hurricane/storm-generated debris and all other types of disaster debris. The Order also gives the Department authority to include specific conditions in the field authorizations for the operation and closure of a DDMS, which may delineate a required closure date that extends beyond the expiration of the Order. A copy of this Order may be obtained from the DEP website <http://www.dep.state.fl.us/mainpage/em/info.htm>

The Department has evaluated your request for a DDMS at the following location:

WACS ID: 98127  
Collier County - Immokalee Airport Site  
199 Airport Road (700 Cr 846 East), Immokalee  
Lat 26:25:9 / Long 81:24:32  
Waste Planned for Management: Construction & Demolition Debris, Yard Trash, Mixed Debris

The use of this DDMS is authorized subject to the following conditions, in addition to the requirements of the Order and Florida Statutes 403.7071:

- 1. The Department must be notified when the site is opened and begins accepting debris, and when the site is closed and all debris has been removed;**
2. Standing water must not be allowed to accumulate in or within 50 feet of areas used to store or process disaster debris;
3. Access must be controlled to prevent unauthorized dumping and scavenging;
4. A DDMS must have spotters to correctly identify and segregate waste types for appropriate management;
5. Once the site is open, a spotter must be located in the area where waste is being deposited in order to spot and remove prohibited waste items;
6. The DDMS is limited to managing the type(s) of debris listed above; any putrescible waste received at the DDMS must be removed from the site within 48 hours; all other types of prohibited waste should be managed in

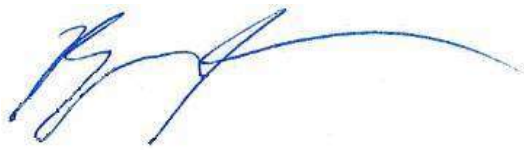
accordance with the guidance document (see link below);

7. Unless otherwise approved by the Department in response to a written request from you, the DDMS must cease operation, and all disaster debris must be removed from the site by 11/21/2022

The Department has also prepared a guidance document on the establishment, operation and closure of a DDMS for disaster debris. This guidance includes recommended practices, which you are expected to follow as much as practicable, as well as additional requirements from the Order. A copy of this guidance document is available on the DEP website at <https://floridadep.gov/waste/permitting-compliance-assistance/documents/guidance-establishment-operation-and-closure>. This guidance is not a substitute for federal requirements and guidance, including those from the Federal Emergency Management Agency (FEMA).

If you have any questions or comments on this authorization letter, or if you require additional time to operate your DDMS, please feel free to contact Renee Kwiat by E-mail at [renee.kwiat@floridadep.gov](mailto:renee.kwiat@floridadep.gov) or by phone at (239) 344-5673. In order to provide better service to you, the Department is using electronic documents as much as possible. Please provide your E-mail address when replying.

Sincerely,



10/05/2022

---

Ryan Snyder  
South District

Date

RS/rk

Cc: [renee.kwiat@dep.state.fl.us](mailto:renee.kwiat@dep.state.fl.us), [chad.fetrow@floridadep.gov](mailto:chad.fetrow@floridadep.gov), [darryn.gipson@em.myflorida.com](mailto:darryn.gipson@em.myflorida.com),  
[kelly.chase@dos.myflorida.com](mailto:kelly.chase@dos.myflorida.com), [renee.kwiat@floridadep.gov](mailto:renee.kwiat@floridadep.gov)

This letter generated by kwiat\_r.



FLORIDA DEPARTMENT OF  
Environmental Protection

Bob Martinez Center  
2600 Blair Stone Road  
Tallahassee, Florida 32399-2400

**Ron DeSantis**  
Governor

**Jeanette Nuñez**  
Lt. Governor

**Shawn Hamilton**  
Secretary

---

Sent via email to: [sonja.stephenson@colliercountyfl.gov](mailto:sonja.stephenson@colliercountyfl.gov)

Date: May 17, 2023

SONJA STEPHENSON  
3335 TAMIAMI TRAIL SUITE 101  
NAPLES FL 34112

RE: 2023 - Pre-Authorization for Disaster Debris Management Sites (DDMS)

Dear SONJA STEPHENSON

This is to notify you that on May 17, 2023, the Department of Environmental Protection (the Department) received your request for pre-authorization of a disaster debris management site(s) (DDMS) for 2023. Disaster debris includes hurricane/storm-generated debris and all other types of disaster debris.

The Department has evaluated your request for a DDMS at the following location(s):

**Site Name:** COLLIER COUNTY - IMMOKALEE AIRPORT SITE-98127

**Site Address:** 199 AIRPORT ROAD (700 CR 846 EAST)

Immokalee, FL, 34142

**Waste Planned for Management:** Construction & Demolition Debris, Yard Trash, Mixed

**On-Site Contact:** Sonja Stephenson

(239) 252-8073, [sonja.stephenson@colliercountyfl.gov](mailto:sonja.stephenson@colliercountyfl.gov)

**DEP/Local Program Contact:** Renee Kwiat, (239)344-5673, [renee.kwiat@floridadep.gov](mailto:renee.kwiat@floridadep.gov)

**Site Name:** IMMOKALEE SLF AND TRANSFER STATION (STOCKADE)-73114

**Site Address:** 700 STOCKADE RD @ CR846

Immokalee, FL, 34142

**Waste Planned for Management:** Construction & Demolition Debris, Yard Trash, Mixed

**On-Site Contact:** Sonja Stephenson

(239) 252-8073, [sonja.stephenson@colliercountyfl.gov](mailto:sonja.stephenson@colliercountyfl.gov)

**DEP/Local Program Contact:** Renee Kwiat, (239)344-5673, [renee.kwiat@floridadep.gov](mailto:renee.kwiat@floridadep.gov)

**Site Name:** NAA ESA SITE NO. 1-100582

**Site Address:** 160 AVIATION DRIVE-GATE 2W

Naples, FL, 34104

**Waste Planned for Management:** Yard Trash, Mixed

**On-Site Contact:** Sonja Stephenson

(239) 252-8073, [sonja.stephenson@colliercountyfl.gov](mailto:sonja.stephenson@colliercountyfl.gov)

**DEP/Local Program Contact:** Renee Kwiat, (239)344-5673, [renee.kwiat@floridadep.gov](mailto:renee.kwiat@floridadep.gov)



**Site Name:** CARNESTOWN TRANSFER STATION-73088

**Site Address:** 31201 TAMIAMI TRAIL EAST

Naples, FL, 34114

**Waste Planned for Management:** Construction & Demolition Debris, Yard Trash, Mixed

**On-Site Contact:** Sonja Stephenson

(239) 252-8073, sonja.stephenson@colliercountyfl.gov

**DEP/Local Program Contact:** Renee Kwiat, (239)344-5673, renee.kwiat@floridadep.gov

**Site Name:** COLLIER COUNTY - MANATEE PARK SITE-97990

**Site Address:** 1890 ROOST RD.

Collier County, FL, 34114

**Waste Planned for Management:** Construction & Demolition Debris, Yard Trash, Mixed

**On-Site Contact:** Sonja Stephenson

(239) 252-8073, sonja.stephenson@colliercountyfl.gov

**DEP/Local Program Contact:** Renee Kwiat, (239)344-5673, renee.kwiat@floridadep.gov

**Site Name:** CCPS MANATEE MIDDLE-98132

**Site Address:** 1920 MANATEE ROAD Naples, FL, 34114

**Waste Planned for Management:** Construction & Demolition Debris, Yard Trash, Mixed

**On-Site Contact:** Sonja Stephenson

(239) 252-8073, sonja.stephenson@colliercountyfl.gov

**DEP/Local Program Contact:** Renee Kwiat, (239)344-5673, renee.kwiat@floridadep.gov

**Site Name:** NAA ESA SITE NO 2-100583

**Site Address:** 160 AVIATION DRIVE-SW NORTH ROAD

Naples, FL, 34104

**Waste Planned for Management:** Construction & Demolition Debris, Yard Trash, Mixed

**On-Site Contact:** Sonja Stephenson

(239) 252-8073, sonja.stephenson@colliercountyfl.gov

**DEP/Local Program Contact:** Renee Kwiat, (239)344-5673, renee.kwiat@floridadep.gov

**Site Name:** COLLIER COUNTY - CCWSD-99137

**Site Address:** 825 39TH AVE NE

Naples, FL, 34120

**Waste Planned for Management:** Construction & Demolition Debris, Yard Trash, Mixed

**On-Site Contact:** Sonja Stephenson

(239) 252-8073, sonja.stephenson@colliercountyfl.gov

**DEP/Local Program Contact:** Renee Kwiat, (239)344-5673, renee.kwiat@floridadep.gov

**Site Name:** NAA ESA SITE NO. 3-100584

**Site Address:** WEST OF TERMINAL DRIVE 160 AVIATION DRIVE

Naples, FL, 34104

**Waste Planned for Management:** Yard Trash, Mixed

**On-Site Contact:** Sonja Stephenson

(239) 252-8073, sonja.stephenson@colliercountyfl.gov

**DEP/Local Program Contact:** Renee Kwiat, (239)344-5673, renee.kwiat@floridadep.gov

**Site Name:** MARCO ISLAND RECYCLING DROP-OFF (FKA MARCO ISLAND TRANSFER)-73044

**Site Address:** 990 CHALMER DR Marco Island, FL, 34145

**Waste Planned for Management:** Construction & Demolition Debris, Yard Trash, Mixed

**On-Site Contact:** Sonja Stephenson

(239) 252-8073, sonja.stephenson@colliercountyfl.gov

**DEP/Local Program Contact:** Renee Kwiat, (239)344-5673, renee.kwiat@floridadep.gov

**Site Name:** COLLIER COUNTY - 13968 VANDERBILT DR-104835

**Site Address:** 13968 VANDERBILT DR Naples, FL, 34110

**Waste Planned for Management:** Construction & Demolition Debris, Yard Trash, Mixed

**On-Site Contact:** Sonja Stephenson

(239) 252-8073, sonja.stephenson@colliercountyfl.gov

**DEP/Local Program Contact:** Renee Kwiat, (239)344-5673, renee.kwiat@floridadep.gov

**Site Name:** NAPLES AIRPORT RECYCLING DROP-OFF (FKA NAPLES TRANSFER)-73105

**Site Address:** 2640 CORPORATE FLIGHT DR Naples, FL, 34104

**Waste Planned for Management:** Construction & Demolition Debris, Yard Trash, Mixed

**On-Site Contact:** Sonja Stephenson

(239) 252-8073, sonja.stephenson@colliercountyfl.gov

**DEP/Local Program Contact:** Renee Kwiat, (239)344-5673, renee.kwiat@floridadep.gov

**Site Name:** COLLIER COUNTY - SCHOOL BOARD SITE-97991

**Site Address:** 1010 18TH ST SE

Naples, FL, 34117

**Waste Planned for Management:** Construction & Demolition Debris, Yard Trash, Mixed

**On-Site Contact:** Sonja Stephenson

(239) 252-8073, sonja.stephenson@colliercountyfl.gov

**DEP/Local Program Contact:** Renee Kwiat, (239)344-5673, renee.kwiat@floridadep.gov

**Site Name:** SCHOOL DISTRICT - PARKLANDS-107476

**Site Address:** LOGAN BLVD NORTH - PARKLANDS COLLIER COUNTY FOLIO NUMBER  
66035000967

Naples, FL, 34119

**Waste Planned for Management:** Mixed

**On-Site Contact:** Sonja Stephenson

(239) 252-8073, sonja.stephenson@colliercountyfl.gov

**DEP/Local Program Contact:** Renee Kwiat, (239)344-5673, renee.kwiat@floridadep.gov

**Site Name:** NAPLES AIRPOT AUTHORITY #8-106196

**Site Address:** WEST OF PATROIT WAY

Naples, FL, 34112

**Waste Planned for Management:** Construction & Demolition Debris, Yard Trash, Mixed

**On-Site Contact:** Sonja Stephenson

(239) 252-8073, sonja.stephenson@colliercountyfl.gov

**DEP/Local Program Contact:** Renee Kwiat, (239)344-5673, renee.kwiat@floridadep.gov

**Site Name:** COLLIER COUNTY SCHOOL SITE-SCHOOL BOARD ELEMENTARY L-107080

**Site Address:** 2400 MOULDER DR

Naples, FL, 34120

**Waste Planned for Management:** Yard Trash

**On-Site Contact:** Sonja Stephenson

(239) 252-8073, sonja.stephenson@colliercountyfl.gov

**DEP/Local Program Contact:** Renee Kwiat, (239)344-5673, renee.kwiat@floridadep.gov

**Site Name:** COLLIER COUNTY-CAMP KEAIS-107092

**Site Address:** 6875 ROCK SPRINGS RD

Immokalee, FL, 34142

**Waste Planned for Management:** Construction & Demolition Debris, Yard Trash, Mixed  
**On-Site Contact:** Sonja Stephenson  
(239) 252-8073, sonja.stephenson@colliercountyfl.gov  
**DEP/Local Program Contact:** Renee Kwiat, (239)344-5673, renee.kwiat@floridadep.gov

**Site Name:** NAPLES SANITARY LANDFILL-73046  
**Site Address:** 3750 WHITE LAKE BLVD.  
Naples, FL, 34117

**Waste Planned for Management:** Construction & Demolition Debris, Yard Trash, Mixed  
**On-Site Contact:** Sonja Stephenson  
(239) 252-8073, sonja.stephenson@colliercountyfl.gov  
**DEP/Local Program Contact:** Renee Kwiat, (239)344-5673, renee.kwiat@floridadep.gov

**Site Name:** CCWSD RESOURCE RECOVERY PARK-99069  
**Site Address:** 3730 WHITE LAKE BLVD  
Naples, FL, 34120

**Waste Planned for Management:** Construction & Demolition Debris, Yard Trash, Mixed  
**On-Site Contact:** Sonja Stephenson  
(239) 252-8073, sonja.stephenson@colliercountyfl.gov  
**DEP/Local Program Contact:** Renee Kwiat, (239)344-5673, renee.kwiat@floridadep.gov

**Site Name:** NAA ESA SITE NO. 4-100585  
**Site Address:** EAST OF TERMINAL ROAD 160 AVIATION DRIVE  
Naples, FL, 34104

**Waste Planned for Management:** Mixed  
**On-Site Contact:** Sonja Stephenson  
(239) 252-8073, sonja.stephenson@colliercountyfl.gov  
**DEP/Local Program Contact:** Renee Kwiat, (239)344-5673, renee.kwiat@floridadep.gov

**Site Name:** COLLIER COUNTY - COLLIER FAIRGROUNDS SITE-98134  
**Site Address:** 751 39 AVENUE NE  
Naples, FL, 34120

**Waste Planned for Management:** Construction & Demolition Debris, Yard Trash, Mixed  
**On-Site Contact:** Sonja Stephenson  
(239) 252-8073, sonja.stephenson@colliercountyfl.gov  
**DEP/Local Program Contact:** Renee Kwiat, (239)344-5673, renee.kwiat@floridadep.gov

**Site Name:** NAA ESA SITE NO. 5-100586  
**Site Address:** ENTERPRISE AVE & WEST OF CORPORATE FLIGHT DRIVE 160 AVIATION DRIVE  
Naples, FL, 34104

**Waste Planned for Management:** Yard Trash  
**On-Site Contact:** Sonja Stephenson  
(239) 252-8073, sonja.stephenson@colliercountyfl.gov  
**DEP/Local Program Contact:** Renee Kwiat, (239)344-5673, renee.kwiat@floridadep.gov

Unless you receive a subsequent notification from the Department concerning the status of these sites, you may consider them pre-authorized as disaster debris management sites.

In the event of a major storm event or other disaster which results in the Department issuing an Emergency Final Order (the Order) for your county, you may begin using a temporary DDMS as necessary, while also requesting issuance of a field authorization from the Department. Once activated, a DDMS is subject to the following conditions, in addition to the requirements of the Order and Florida Statute 403.7071:

- 1) **The Department must be notified when the site is opened and begins accepting debris, and when the site is closed and all debris has been removed;**
- 2) Standing water must not be allowed to accumulate in or within 50 feet of areas used to store or process disaster debris;
- 3) Access must be controlled to prevent unauthorized dumping and scavenging;
- 4) A DDMS must have spotters to correctly identify and segregate waste types for appropriate management;
- 5) Once the site is open, a spotter must be located in the area where the waste is being deposited in order to spot and remove prohibited waste items;
- 6) A DDMS is limited to managing the waste identified above for each site; any putrescible waste received at the DDMS must be removed within 48 hours, and all other types of prohibited waste should be managed in accordance with the guidance document (see link below);
- 7) Unless otherwise approved by the Department in response to a written request from you, the DDMS must cease operation and all disaster debris must be removed from the sites on or before the expiration date of an Order that has been executed by the Department, unless it is modified or extended by further authorization.

Failure to comply with the conditions of the field authorization, or failure to adequately close a site by the required closure date, may result in enforcement action by the Department.

The Department has also prepared a guidance document on the establishment, operation, and closure of a DDMS for disaster debris. This guidance document includes recommended practices, which you are expected to follow as much as practicable, as well as additional requirements from the Order. A copy of this guidance document is available on the DEP website

<https://floridadep.gov/waste/permitting-compliance-assistance/documents/guidance-establishment-operation-and-closure>

This guidance is not a substitute for federal requirements and guidance, including those from the Federal Emergency Management Agency (FEMA).

***Site 34 – Crop Production Services, Inc.***



**Collier County**  
Public Utilities Department  
Solid & Hazardous Waste Management Division

**November 20, 2020**

**Jimmy Jara**

[Jimmy.Jara@cpsagu.com.com](mailto:Jimmy.Jara@cpsagu.com.com)

**RE: In-Compliance Letter**  
Crop Production Services  
116 Jerome Dr  
Immokalee, FL 33934  
**DEP Facility # 9602496**  
Collier County – Storage Tanks

Dear Mr. Jara:

A storage tank inspection and file review were conducted at the above noted facility on or about **November 19, 2020**, by the Collier County Solid & Hazardous Waste Management Division on behalf of the Florida Department of Environmental Protection. Based on the information provided during and following the inspection, the facility was determined to be in compliance with the Department's storage tank rules and regulations. A copy of the inspection report is attached for your records.

The Department appreciates your efforts to maintain this facility in compliance with state and federal rules. Should you have any questions please contact Nereida Hernandez at (239) 252-8475 or by e-mail at [Nereida.Hernandez@CollierCountyFL.gov](mailto:Nereida.Hernandez@CollierCountyFL.gov) .

Sincerely,



Nereida Hernandez

Environmental Specialist  
Collier County Public Utilities Department  
Solid and Hazardous Waste Management Division

*Enclosure: Inspection Report*





Florida Department of Environmental Protection  
 Twin Towers Office Bldg. 2600 Blair Stone Road, Tallahassee, Florida, 32399-2400  
 Division of Waste Management  
 Petroleum Storage Systems  
 Storage Tank Facility Routine Compliance Site Inspection Report

**Facility Information:**

Facility ID: 9602496 County: COLLIER Inspection Date: 11/19/2020  
 Facility Type: M - Agricultural  
 Facility Name: CROP PRODUCTION SERVICES-IMMOKALEE # of inspected ASTs: 2  
 116 JEROME DR USTs: 0  
 IMMOKALEE, FL 33934 Mineral Acid Tanks: 0  
 Latitude: 26° 25' 11.1722"  
 Longitude: 81° 24' 43.5082"  
 LL Method: DPHO

**Inspection Result:**

Result: In Compliance

**Signatures:**

TKCOPC - COLLIER COUNTY SOLID & HAZ WASTE MGMT DEPT (239) 207-0920

**Storage Tank Program Office and Phone Number**

Nereida Hernandez

Jimmy Jara

**Inspector Name**

**Representative Name**

No Signature

**Inspector Signature**

**Representative Signature**

**Principal Inspector**

**COLLIER COUNTY SOLID & HAZ WASTE MGMT DEPT**

**CROP PRODUCTION SERVICES-IMMOKALEE**

Owners of UST facilities are reminded that the Federal Energy Policy Act of 2005 and 40 CFR 280 Subpart J requires Operator Training at all facilities by October 13, 2018. For further information please visit: <https://floridadep.gov/waste/permitting-compliance-assistance/content/underground-storage-tank-operator-training>

**Financial Responsibility:**

Financial Responsibility: EXEMPT-NOT REQUIRED

Insurance Carrier:

Effective Date: 05/14/2018 Expiration Date: 05/14/2023

**Reviewed Records**

Record Category	Record type	From Date	To Date	Reviewed Record Comment
Two Years	Monthly Maint. Visual Examinations and Results	05/07/2018	11/16/2020	Weekly

**Areas of Concern:**

Type: Area of Concern  
 Rule: 62-762.501(1)(f)  
 Violation Text: Exterior portions of tanks and integral piping not protected from external corrosion, deterioration or degradation for shop fabricated tank systems.  
 Explanation: Minor corrosion on piping  
 Corrective Action: Corrosion to metal components must be maintain by periodic maintenance.

**Violation Photos**

Added Date 11/20/2020

Corrosion on piping



**Inspection Comments**

11/20/2020

Compliance inspection scheduled/outreach by e-mail on October 28, 2020.

No open violation or discharge found at time of the inspection.

On November 19, 2020, Nereida Hernandez from Collier County met with Mr. Jimmy Jara to conduct the Compliance Inspection.

This facility consists of two (2) registered/regulated in service aboveground storage tanks (ASTs).

Tank #1 – 10,000 gallons (Citrus oil mixed with insectide)

Tank #2 – 10,000 gallons (Citrus oil mixed with insectide)

**EQUIPMENT:**

**TANKS:** Two (2) single-walled steel tanks are used to store citrus oil (mixed). The tanks are manifold together and located within a concrete secondary containment with roof. The exterior coating of the tanks appears to



be in satisfactory condition. No dripping/leaking issues were observed during the inspection. The system is properly labeled. Corrosion of metal components must be minimized by periodic maintenance.

**SPILL CONTAINMENT** – Consists of tight fill, fill port located within the secondary containment.

**OVERFILL PROTECTION** – The fill port is located within a secondary containment which provides for overflow protection. The system is also equipped with a Krueger gauge.

**PIPING** – Consists of a single-walled piping not in contact with the soil and located within the secondary containment. Except for minor corrosion, the piping was observed in satisfactory. Corrosion of metal components must be minimized by periodic maintenance.

**DISPENSER/ HOSES/NOZZLES** - The system consists of one dispenser with hose located within the secondary containment.

**RELEASE DETECTION:** The facility conducts monthly visual inspections of visible/exposed tank components including; tank coating, secondary containment, hoses, and nozzles. The system is located within a concrete secondary containment that provides for overflow and release protection. The secondary containment was observed in satisfactory condition at time of inspection.

#### **DOCUMENTS REVIEW:**

**PLACARD:** The Placard expiration date is June 30, 2021. Storage tank registration fees are due to the Department each year by July 1. Ensure that your contact information is up to date with the Department in order to receive updates concerning your annual registration fees. Once fees are paid, you must print a copy of your placard from the Department's website: <http://www.fldepportal.com/go/submit-registration/>.

**FINANCIAL RESPONSIBILITY:** Tanks used to store non – petroleum products are not required to have insurance.

**MONTHLY VISUAL INSPECTION REPORT:** Monthly visual inspections of visible/exposed tank components are conducted weekly. Period reviewed: May 7, 2018 to November 16, 2020 (last visual inspection).

**ANNUAL OPERABILITY TEST/ OVERFILL AND RELEASE DETECTION:** Not required. The tanks and components are located within a concrete secondary that provides for overflow and release detection. However, “the secondary containment shall be: “impervious to the regulated substances being stored in the storage tank system and able to withstand deterioration from external environmental conditions”. For the Krueger Gauges, the manufacturer recommends to verify their operability ever six months.

#### **GENERAL REMINDERS:**

Incident investigations must be initiated within 24 hours. If within 72 hours of discovery the investigation does not confirm that a discharge did not occur, then the incident must be reported to the contracted county. All positive responses of release detection devices (such as alarms) must be investigated and a determination made as to whether a discharge occurred. Records of all incidents must be maintained along with the incident investigation findings for inspection by the Department or contracted county.

**Repairs, Operation and Maintenance:** Storage tank system equipment shall be maintained in sound operational condition to reduce the likelihood of releases and incidents. Corrosion of metal components must be minimized by periodic maintenance.

Records generated on or after January 11, 2017, shall be kept for three years. Records generated before January 11, 2017, are required to be kept for two years, in accordance with rule 62-762.711, F.A.C.

Due to the COVID 19 pandemic, the facility representative was not required to sign the report.

The inspection report was provided by e-mail to: Jimmy Jara ([Jimmy.Lara@cpsagu.com](mailto:Jimmy.Lara@cpsagu.com))

### Inspection Photos

Added Date 11/20/2020

General view of the system



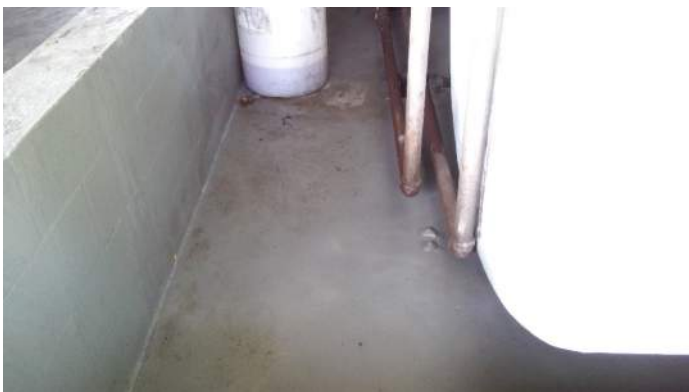
Added Date 11/20/2020

Dispenser



Added Date 11/20/2020

Containment Liner



Added Date 11/20/2020

Krueger Fuel Level Gauge



Added Date 11/20/2020

Product info



Added Date 11/20/2020

Piping



**From:** [Madala, Madhuri](#) on behalf of [tankregistration](#)  
**To:** [tankregistration](#); [MIKE.WHITTEN@NUTRIEN.COM](mailto:MIKE.WHITTEN@NUTRIEN.COM)  
**Subject:** FW:Fac id#9602496- Crop Production Services-Immokalee  
**Date:** Thursday, July 8, 2021 12:21:40 PM  
**Attachments:** [image001.png](#)  
[Facility Registration Form Immokalee Tresoil Tanks.pdf](#)  
[image002.png](#)  
[image003.png](#)

Per your request new Account owner/property owner information is updated for Fac ID#9602496.

New tanks are added as well.

You may access the DEP Business Portal to pay and print placard for **STCM#81281** by following the below instructions.

Florida Department of Environmental Protection - Enterprise Applications

Tanks | Bel party | Account | Loc / comments | History | Detail | Compliance | Create Discharge | Reports | Help | Exit | Wir

Storage Tank Contamination Tracking - Facility Detail

Facility ID	9602496	Facility Status	OPEN	Create Date	11/06/1996
County	11 COLLIER	District	SD	Name Update	01/15/2009
Name *	CROP PRODUCTION SERVICES-IMMOKALEE				
Address *	116 JEROME DR				
Address2					
City	IMMOKALEE	FL	33934	Comments?(Y/N)	Y
Facility Contact Name	JIMMY JARA	Facility Contact Phone	239-657-3168	Ext	
Invoice Activity Date	06/02/2021	Contact Phone Verified By	MADALA M	Phone #	<input type="checkbox"/>
Current Placard Date	06/02/2021	Contact Phone Last Verified	07/08/2021	Changes Verified?	
24 HR Emergency Contact Name - Phone					
Facility Type *	M AGRICULTURAL	DEP Contract Owned *	P		
Financial Resp	EXEMPT-NOT REQUIRED				
Insurance Comp		Coverage Period	05/14/2018	05/14/2023	
Cleanup Status		Effective			
Owner Name	NUTRIEN AG SOLUTIONS				
Address	10150 HIGHLAND MANOR DR #130				
Address2	ATTN: STORAGE TANK REGIS				
City/St/Zip	TAMPA, FL 33610				
Last Updated	12/22/2020	Phone	813-394-2964	Ext	
Contact	MIKE WHITTEN (970) 865-3300				
Email Address	MIKE.WHITTEN@NUTRIEN.COM				
Primary Role	ACCT OWN				
Owner ID#	81281				
Begin Date	07/08/2021				
Bad Address?	N				
Registr Coord					

STCM FACILITY

Florida Department of Environmental Protection - Enterprise Applications

Figure charges Account Admin Acct History Comments RePorts Help Exit Window

Storage Tank Contamination Tracking - Storage Tank Registration

Facility ID: 9602496  
 Name: CROP PRODUCTION SERVICES-IMMOKALE

NUTRIEN AG SOLUTIONS (ID #81281)  
 MIKE WHITTEN (970) 865-3300  
 10150 HIGHLAND MANOR DR #130  
 ATTN: STORAGE TANK REGIS  
 TAMPA FL 33610

Construction \* Piping \* Monitoring \*

Fee assessment begin date is \* 07/2021

Added	Tnk ID *	TN/D *	A/U *	Gallons	Install	Content & Date	Status & Date	Last Updated on	Repl Tank
11/1996	4	TANK	AE	2500	06/1995	Q 06/1995	B 04/2003	05/04/2004	
05/2004	5	TANK	AE	2500	04/2003	Q 04/2003	B 05/2018	06/25/2018	3
05/2004	6	TANK	AE	2500	04/2003	Q 04/2003	B 05/2018	06/25/2018	4
07/2021	7	TANK	AE	3000	06/2021	Q 06/2021	U 06/2021	07/08/2021	
07/2021	8	TANK	AE	3000	06/2021	Q 06/2021	U 06/2021	07/08/2021	

NOTE: \*\* Install MM/YYYY takes priority; if blank, fee assessment begins today

• <http://www.fldeportal.com/go/>

- Click on "Submit or Pay"
- Click on "Registration/Notification"
- Click on "Storage Tank Registration"
- Enter: e-mail address and password for the e-mail you want your placard sent to. (You need to have already registered this e-mail account with DEP).
- If you have not already registered, please click on Register to proceed.
- Click Yes for Do you have STCM#?
- Enter **STCM#81281**
- You can click on **Pay online** to pay invoice and the placard will be emailed.
- or
- Request Placard (if you simply need to print your placard).
- Enter the STCM#
- Click: Search and Continue
- Select: Placard(s) you want printed and placard(s) will be emailed.

Thank you,

Madhuri Madala  
 Waste Registration  
 Department Of Environmental Protection  
 PH: 850-245-8834  
 Fax: 850-412-0405  
[Madhuri.Madala@floridadep.gov](mailto:Madhuri.Madala@floridadep.gov)

From: Michael Whitten <Mike.Whitten@nutrien.com>  
 Sent: Wednesday, June 30, 2021 5:57 PM

**To:** tankregistration <tankregistration@dep.state.fl.us>  
**Subject:** Storage Tanks Crop Production Services-Immokalee

*Michael L. Whitten*  
*Safety, Health & Environmental Manager*  
*Nutrien*  
*10150 HighLand Manor Dr*  
*Suite 130*  
*Tampa, FL 33610*  
*Cell (813) 394-2964*  
*Office (813) 630-1471*  
[mike.whitten@nutrien.com](mailto:mike.whitten@nutrien.com)



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ici: <https://www.nutrien.com/avis-important>

***Site 56 – M & M Salvage and Used Auto Parts, Inc.  
(also known as Immokalee Waste Tire Site/Robert's  
Auto Salvage, W & T Salvage Yard, and Jay's Towing)***



# FLORIDA DEPARTMENT OF Environmental Protection

South District  
PO Box 2549  
Fort Myers FL 33902-2549  
[SouthDistrict@FloridaDEP.gov](mailto:SouthDistrict@FloridaDEP.gov)

**Ron DeSantis**  
Governor

**Jeanette Nuñez**  
Lt. Governor

**Shawn Hamilton**  
Secretary

August 28, 2023

Nancy Macias  
M & M Salvage & Used Auto Parts Inc  
5615 Taylor Rd  
Naples, FL 34109-1826  
[mmsalvage@embarqmail.com](mailto:mmsalvage@embarqmail.com)

Re: Compliance Assistance Offer  
M & M Salvage & Used Auto Parts Inc  
FLR05H006  
Collier County – NPDES

Dear Nancy Macias:

A National Pollutant Discharge Elimination System (NPDES) Stormwater inspection was conducted at your site on June 12, 2023, under the authority of Section 403.091, Florida Statutes (F.S.). During this inspection, potential non-compliance was noted. The purpose of this letter is to offer compliance assistance as a means of resolving these matters.

Potential non-compliance of Chapter 403, F.S., Chapter 62-620, Florida Administrative Code (F.A.C.), and Chapter 62-621, F.A.C. were observed. Please see the attached inspection report for a full account of Department observations and recommendations.

We request you review the item(s) of concern noted in the attached inspection report and respond in writing within **15 days** of receipt of this Compliance Assistance Offer. Your response should include one of the following:

1. Describe what you have done to resolve the non-compliance or provide a time schedule to address the items of concern noted in the attached report. (See "Inspector Comments" on the final page of the report),
2. Provide information that either mitigates the concerns or demonstrates them to be invalid, or
3. Arrange for the case manager to visit your site to discuss the item(s) of concern.

M & M Salvage & Used Auto Parts Inc  
FLR05H006  
Compliance Assistance Offer  
Page 2 of 2

It is the Department's desire that you are able to adequately address the items of concern so that this matter can be closed. Your failure to respond appropriately may result in the initiation of formal enforcement proceedings.

Please address your response and any questions to Christopher Wong of the South District Office at (239) 344-5613 or via e-mail at [Christopher.Wong@FloridaDEP.gov](mailto:Christopher.Wong@FloridaDEP.gov). We look forward to your cooperation with this matter.

Sincerely,

A handwritten signature in blue ink, appearing to read "Matt Czahor".

Matt Czahor  
Environmental Administrator  
South District Office  
Florida Department of Environmental Protection

Enclosure: Stormwater Inspection Report and Photo Log





# Department of Environmental Protection Industrial Stormwater Inspection Report



Form DWRM - WCAP - 20 - 043  
Updated 08.01.22

Facility and Inspection Information									
Physical Location: M & M Salvage & Used Auto Parts Inc 106 Dixie Ave E Immokalee, FL 34142-3552			Permit No.: FLR05H006		Inspection Date: Jun 12, 2023				
			Effective Date: May 7, 2020		Entry Time: 10:05 AM				
			Expiration Date: May 6, 2025		Exit Time: 10:17 AM				
Mailing Address: M & M Salvage & Used Auto Parts Inc 5615 Taylor Rd Naples, FL 34109-1826			District: South		Hydrologic Conditions: Normal				
			County: Collier						
			Water Mgmt. SFWMD		Latitude: 26 ° 25 ' 42.97 "				
			District:		Longitude: 81 ° 24 ' 51.63 "				
Receiving Waters or MS4: Outfall To Collier County			No. Employees: N/A		Size of Property (acres): 3				
			No. Shifts: N/A		Years at Location: 13				
Classification: Not Applicable		Other: N/A	Operating Hrs.: N/A		No. of Outfalls: 1				
Industrial Activity									
<u>SIC Code:</u> 5015		<u>Analytical Reqmnt:</u> Yes		<u>Sector:</u> M		<u>Sector Description:</u> Automobile Salvage Yards			
Company Representatives									
<u>On-Site Representatives</u>			<u>Title</u>		<u>Company/Organization Name</u>			<u>Telephone</u>	
N/A			N/A		N/A			N/A	
<u>Responsible Authority (RA)</u>			<u>Title</u>		<u>Company/Organization Name</u>			<u>Telephone</u>	
Nancy Macias			Owner		M & M Salvage & Used Auto Parts Inc			(239) 597-4703	
RA Email Address:			<a href="mailto:mmsalvage@embraqmail.com">mmsalvage@embraqmail.com</a>						
Inspection Comments									
This facility is currently inactive and for sale. Within 15 days of receipt of this letter, contact the department, provide pictures, a narrative description, and any other documentation necessary to address the CORRECTIVE ACTIONS that are listed in the inspector comments on the last page of the report.									
Weather Conditions									
Possible rain events in the past 24 hours.									
Summary Evaluation									
Overall Inspection Rating: Out of Compliance									
<u>Section Ratings:</u>					<u>Ratings Key:</u>				
S	Permit				S = Satisfactory or In Compliance			N/A = Not Applicable	
S	Condition of Receiving Waters				M = Marginal or Out of Compliance			N/C = Not Covered	
M	Facility Site Review				U = Unsatisfactory or Significantly Out of Compliance				
M	Plans/Monitoring				N = Not Evaluated				
Inspector Information									
<u>Inspector Name</u>			<u>Office</u>			<u>Email</u>		<u>Telephone</u>	
Christopher Wong			South District Office			<a href="mailto:Christopher.Wong@FloridaDEP.gov">Christopher.Wong@FloridaDEP.gov</a>		(239) 344-5613	



# Department of Environmental Protection Industrial Stormwater Inspection Report

Form DWRM - WCAP - 20 - 043

Updated 08.01.22



## Permit

Is coverage under a Multi-Sector Generic Permit (MSGP) required?	Yes
If 'No,' why not?	Not Applicable
Has an MSGP been applied for?	Yes
If 'Yes,' is the permit Active?	Yes
If 'No,' why not?	Not Applicable
Comments:	
<b>Rating:</b> This item is rated as 'Satisfactory'.	

## Condition of Receiving Waters

Is stormwater discharge apparent at the time of the inspection?	No
Is there evidence that there has been a discharge of polluted runoff to a regulated receiving water (past or present)?	No
If 'Yes,' explain: N/A	
Comments:	
<b>Rating:</b> This item is rated as 'Satisfactory'.	

## Facility Site Review - No Exposure Certification (NEX)

Are any of the following materials or activities exposed to precipitation:	
1. Areas for storage, maintenance, washing, or use of industrial machinery or equipment?	Not Applicable
2. Materials or residuals from spills/leaks on the ground or in stormwater inlets?	Not Applicable
3. Materials or products from past industrial activities?	Not Applicable
4. Material handling equipment (except for adequately maintained vehicles)?	Not Applicable
5. Loading, unloading, or transportation of materials or products?	Not Applicable
6. Materials or products stored outdoors (except for final products intended to be used outside)?	Not Applicable
7. Materials contained in open, deteriorated, or leaking storage containers such as drums, barrels, or tanks?	Not Applicable
8. Materials or products that are handled/stored on road or rails owned/maintained by the facility?	Not Applicable
9. Waste materials (except for waste in covered, non-leaking containers (e.g., dumpsters))?	Not Applicable
10. Process wastewater application or disposal (unless otherwise permitted)?	Not Applicable
11. Particulate matter or visible deposits of residuals from roof stacks and/or vents not otherwise regulated (e.g., under an air quality control permit) and evident in stormwater discharges?	Not Applicable
Comments: Facility does not have a No Exposure Certification, therefore this section does not apply.	
<b>Rating:</b> This item was not rated.	



# Department of Environmental Protection Industrial Stormwater Inspection Report



Form DWRM - WCAP - 20 - 043  
Updated 08.01.22

## Facility Site Review - Multi-Sector Generic Permit (MSGP)

Have the provisions of the Stormwater Pollution Prevention Plan (SWPPP) been implemented?	None
If 'Some' or 'None', explain what has <b>not</b> been implemented: SWPPP was not available for review the site was inactive.	
Is there a potential for the discharge of polluted stormwater from the site to a regulated receiving water or Municipal Separate Storm Sewer System (MS4)?	Yes
Are Best Management Practices appropriate for the activities occurring on site to protect regulated surface waters?	No

## Best Management Practices (BMPs)

Area of Concern	Which BMPs are currently employed at the facility?	Are BMPs maintained consistent with the SWPPP?	Do BMPs appear sufficient to protect surface waters?
Vehicle / Equipment Wash and Rinse Areas	None on site.	No	No
Fueling Areas	No fueling is conducted on site.	No	No
Vehicle / Equipment Maintenance Areas	Could not enter site to inspect.	No	No
Outdoor Manufacturing Areas	No areas of concern at this time.	No	No
Outdoor Stockpile / Material Handling Areas	Cars are stored outdoors around the perimeter of the property. There are a pile of tires stored outdoors. Automotive parts are seen stored in trunk beds.	No	No
Trash and Debris Areas	No trash cans on site; facility is inactive.	No	No
Loading / Unloading Transfer Areas	No areas of concern at this time.	No	No
Illicit Connections to SW System (e.g., floor drains)	None observed.	No	No
Chemical Storage Tanks (New and Used fluids)	Could not enter site to inspect.	No	No
Stormwater Treatment System	There is a canal along the North West side of the property. The property's stormwater discharge most likely flows into this canal.	No	No

Comments:

Some automotive parts stored outdoors will need to ham BMPs implemented to for pollution control.

**Rating:** This item is rated as 'Marginal'.



# Department of Environmental Protection Industrial Stormwater Inspection Report

Form DWRM - WCAP - 20 - 043

Updated 08.01.22



## Plans/Monitoring - SWPPP

Has a SWPPP been prepared for the facility?	No
Is the SWPPP available for review at the time of inspection?	No
Does the SWPPP appear accurate and up-to-date?	No
Does the SWPPP appear to meet the standards set forth in the MSGP (See the SWPPP Checklist for all applicable areas)?	No
Are applicable records kept for three (3) years from the date of collection?	No
Comments:	

## Plans/Monitoring - Analytical Monitoring

Is the facility subject to analytical monitoring requirements?	No
If so, have the following conditions been met:	
- Has a monitoring schedule been identified?	No
- Has sampling been performed per the minimum requirements of the MSGP?	No
- Have the Discharge Monitoring Reports (DMRs) been submitted to the Department as required by the MSGP?	No
Has the facility reported any benchmark exceedances on DMRs submitted during the current permit cycle?	No
- If 'Yes', did the facility document a re-evaluation of the SWPPP measures and controls to address exceedances?	No
- Have all noted updates to measures and controls been implemented at the facility?	No
<b>Note:</b> Failure to amend and implement changes to the SWPPP as result of benchmark exceedance(s) constitutes a violation of Parts IV and IV.C. of the MSGP. Benchmark exceedance(s) may indicate a cause or contribution to water quality impairments.	
Comments:	

## Plans/Monitoring - Compliance Monitoring

Is the facility subject to compliance monitoring requirements?	No																		
If so, what frequency are the following activities conducted at the facility:																			
<table border="1"> <thead> <tr> <th>Activity</th> <th>Conducted</th> <th>Frequency of Activity</th> </tr> </thead> <tbody> <tr> <td>- Wet Deck Storage</td> <td>N/A</td> <td>Not Applicable</td> </tr> <tr> <td>- Phosphate Fertilizer Manufacturing</td> <td>N/A</td> <td>Not Applicable</td> </tr> <tr> <td>- Asphalt Paving / Roofing Emulsions Production</td> <td>N/A</td> <td>Not Applicable</td> </tr> <tr> <td>- Cement Manufacturing</td> <td>N/A</td> <td>Not Applicable</td> </tr> <tr> <td>- Coal Pile Storage</td> <td>N/A</td> <td>Not Applicable</td> </tr> </tbody> </table>	Activity	Conducted	Frequency of Activity	- Wet Deck Storage	N/A	Not Applicable	- Phosphate Fertilizer Manufacturing	N/A	Not Applicable	- Asphalt Paving / Roofing Emulsions Production	N/A	Not Applicable	- Cement Manufacturing	N/A	Not Applicable	- Coal Pile Storage	N/A	Not Applicable	
Activity	Conducted	Frequency of Activity																	
- Wet Deck Storage	N/A	Not Applicable																	
- Phosphate Fertilizer Manufacturing	N/A	Not Applicable																	
- Asphalt Paving / Roofing Emulsions Production	N/A	Not Applicable																	
- Cement Manufacturing	N/A	Not Applicable																	
- Coal Pile Storage	N/A	Not Applicable																	
Are discharges sampled at least once per year and tested for the effluent limited parameters specified for the activities?	Not Applicable																		
Are the discharge samples subject to the numeric effluent limitations prior to mixing with other discharges?	Not Applicable																		
Have the compliance monitoring DMRs been submitted to the Department by the March 31st deadline, of the year following monitoring? (e.g., results are due by March 31, 2018 for a sample collected in 2017)	Not Applicable																		
Comments:																			



# Department of Environmental Protection Industrial Stormwater Inspection Report



Form DWRM - WCAP - 20 - 043

Updated 08.01.22

## Plans/Monitoring - Annual Comprehensive Site Compliance Evaluation (ACSCE)

Did the facility perform an ACSCE in the past 12 months?	No
Does the report contain the following:	
- Scope of the evaluation?	No
- Date of the evaluation?	No
- Any major observations relating to the implementation of the SWPPP?	No
Have the following conditions been met?	
- A determination of the effectiveness of the SWPPP?	No
- An assessment of compliance with the terms of the MSGP?	No
- A report documenting the results of the evaluation, and any required updates to the site / SWPPP?	No
Have the results of the ACSCEs been maintained for a minimum of three (3) years from the date of collection?	No
Comments:	

## Plans/Monitoring - Quarterly Visual Monitoring (QVM)\*

Has a schedule been identified to complete QVM?	No
Has the facility performed quarterly visual examinations of stormwater (more specifically, in the last 4 quarters)?	No
If so, have the following conditions been met?	
- Reports include observations of color, odor, clarity, floating solids, settled solids, suspended solids, foam, oil sheen, or other obvious indicators of stormwater pollution?	No
- Reports include time, date, location, and name of personnel collecting the sample?	No
- Reports include probable sources of any observed indicators of stormwater pollution?	No
Have the results of the QVM been maintained for a minimum of three (3) years from the date of collection?	No
Comments:	

*\*Sector S facilities do not have a QVM requirement, therefore this section does not apply to Sector S.*

**Rating:** This item is rated as 'Marginal'.



# Department of Environmental Protection Industrial Stormwater Inspection Report



Form DWRM - WCAP - 20 - 043  
Updated 08.01.22

## Plans/Monitoring - Industrial SWPPP Checklist

Section	Yes / No	Comments
Is the SWPPP current and up-to-date?	No	No SWPPP was available for review.
Pollution Prevention Team	No	
Description of Potential Pollutant Sources	No	
Drainage	No	
Inventory of Exposed Materials	No	
Significant Spills and Leaks	No	
Non-Stormwater Discharges	No	
Sampling Data	No	
Summary of Potential Pollutant Sources	No	
Measures and Controls	No	
Good Housekeeping	No	
Preventative Maintenance	No	
Spill Prevention and Response	No	
Inspections	No	
Employee Training	No	
Record Keeping	No	
Sediment and Erosion Control	No	
Management of Runoff	No	
Annual Comprehensive Site Compliance Evaluation	No	



# Department of Environmental Protection Industrial Stormwater Inspection Report

Form DWRM - WCAP - 20 - 043  
Updated 08.01.22



## Inspection Rating Determination Form

Point Total:

Letter Type:  Letter to Send:

S = Satisfactory    M = Marginal    U = Unsatisfactory    N = Not Evaluated

S	<b>Permit</b>	Pts
S	Has a Permit or Exclusion from coverage, and NOI is located on site	1
M	Has applied for Permit or Exclusion from coverage, but it is not active	2
U	Has not obtained permit coverage, or does not qualify for a No Exposure Exclusion	10

S	<b>Condition of Receiving Waters</b>	Pts
S	Receiving water is <i>not</i> impacted from the offsite discharge of polluted runoff	1
M	Receiving water is <i>moderately</i> impacted from the offsite discharge of polluted runoff	3
U	Receiving water is <i>significantly</i> impacted from the offsite discharge of polluted runoff	6
N	No inspection completed, or access to discharge areas was not able to be obtained	0

M	<b>Facility Site Review</b>	Pts
S	Overall, the site poses little to no chance for the offsite discharge of polluted stormwater	1
M	Overall, the site poses a moderate chance for the offsite discharge of polluted stormwater	3
U	Overall, the site poses a significant chance for the offsite discharge of polluted stormwater	6
N	No inspection completed, or access to the facility was not able to be obtained	0

M	<b>Plans/Monitoring</b>	Pts
S	SWPPP is complete. Required records are up to date and accurate	1
M	SWPPP is not more than 50% incomplete and/or not updated. Incomplete records, or inspections/reports are no more than 12 months past due	3
U	No SWPPP, or SWPPP is more than 50% incomplete. No records within the previous 12 month period	6
N	No permit, or a SWPPP is not required	0



# Department of Environmental Protection Industrial Stormwater Inspection Report



Form DWRM - WCAP - 20 - 043  
Updated 08.01.22

## Single Event Violations

Check for Yes	Eval Area	Finding Code	SEV Code	Description
<input type="checkbox"/>	RRPT	STM2	D0N11	The facility was discharging without an industrial stormwater generic permit.
<input checked="" type="checkbox"/>	RRPT	STM3	B0N12	The facility failed to conduct inspections according to the industrial stormwater generic permit.
<input checked="" type="checkbox"/>	FACS	STM4	B0N18	The facility failed to implement the stormwater pollution prevention plan for the industrial stormwater generic permit.
<input checked="" type="checkbox"/>	RRPT	STM5	B0N41	The facility failed to maintain records for the industrial stormwater generic permit.
<input checked="" type="checkbox"/>	RRPT	STM6	C0N11	The facility failed to monitor according to the industrial stormwater generic permit.
<input checked="" type="checkbox"/>	RRPT	STM7	B0N17	The facility failed to develop any or an adequate stormwater pollution prevention plan for the industrial stormwater generic permit.
<input checked="" type="checkbox"/>	FACS	STM8	BN19A	The facility failed to properly install/implement best management practices.
<input checked="" type="checkbox"/>	FACS	STM9	BN19B	The facility failed to properly operate/maintain best management practices.
<input checked="" type="checkbox"/>	RRPT	STMA	E0N16	The facility failed to submit the required non-DMR report for the industrial stormwater generic permit.
<input type="checkbox"/>	RPPT	STMB	D0N18	The facility did not submit a Notice of Termination once all stormwater discharges associated with industrial activities had ceased.

## Inspector Comments

Rationale for Letter:

Within 15 days of receipt of this letter, contact the department, provide pictures, a narrative description, and any other documentation necessary to address the following CORRECTIVE ACTIONS:

1. Implement Best Management Practices (BMPs) to minimize the discharge of pollutants from outdoor storage of Engine Parts and Tires.
2. Provide a copy of the facility's Stormwater Pollution Prevention Plan (SWPPP) to the Department.
3. Provide copies of your Quarterly Visual Monitoring (QVM) and Annual Comprehensive Site Compliance Evaluation (ACSCE) records for the past three years to the Department.
4. If the site is to be inactive please remove all storage of pollutant sources and terminate the permit.

## Manager/Reviewer Comments

Concur with Recommendation?

Yes

No

Comments:

## Inspector Signature

Signed: Aug 18, 2023

FLR05H006

## Manager/Reviewer Signature

Signed: Aug 25, 2023





# Florida Department of Environmental Protection Inspection Photo Log



**Permit No.:** FLR05H006  
**Facility/Site Name:** M & M Salvage & Used Auto Parts Inc



**Photo #:** 1  
**Date:** Jun 12, 2023  
**Time:** 10:07 AM  
**Captured by:** Christopher Wong

**Details:**

Facility is no longer in operation; however, the facility still holds an active permit. To close the permit the facility will have to remove all its potential pollutant sources to be in compliance with the permit.



# Florida Department of Environmental Protection Inspection Photo Log



**Permit No.:** FLR05H006  
**Facility/Site Name:** M & M Salvage & Used Auto Parts Inc



**Photo #:** 2  
**Date:** Jun 12, 2023  
**Time:** 10:08 AM  
**Captured by:** Christopher Wong

### Details:

Facility is no longer in operation; however, the facility still holds an active permit. To close the permit the facility will have to remove all its potential pollutant sources to be in compliance with the permit.



# Florida Department of Environmental Protection Inspection Photo Log



**Permit No.:** FLR05H006  
**Facility/Site Name:** M & M Salvage & Used Auto Parts Inc



**Photo #:** 3  
**Date:** Jun 12, 2023  
**Time:** 10:09 AM  
**Captured by:** Christopher Wong

### Details:

Facility is no longer in operation; however, the facility still holds an active permit. To close the permit the facility will have to remove all its potential pollutant sources to be in compliance with the permit. The facility will need to remove the pile of old auto parts stored outdoors.



# Florida Department of Environmental Protection Inspection Photo Log



**Permit No.:** FLR05H006  
**Facility/Site Name:** M & M Salvage & Used Auto Parts Inc



**Photo #:** 4  
**Date:** Jun 12, 2023  
**Time:** 10:09 AM  
**Captured by:** Christopher Wong

### Details:

Facility is no longer in operation; however, the facility still holds an active permit. To close the permit the facility will have to remove all its potential pollutant sources to be in compliance with the permit. The facility will need to remove the tires and any auto parts that are listed as a pollutant source.



# Florida Department of Environmental Protection Inspection Photo Log



**Permit No.:** FLR05H006  
**Facility/Site Name:** M & M Salvage & Used Auto Parts Inc



**Photo #:** 5  
**Date:** Jun 12, 2023  
**Time:** 10:12 AM  
**Captured by:** Christopher Wong

**Details:**

Facility is no longer in operation; however, the facility still holds an active permit. To close the permit the facility will have to remove all its potential pollutant sources to be in compliance with the permit. The facility will need to remove the tires and any auto parts that are listed as a pollutant source.



# NOTICE OF INTENT TO USE MULTI-SECTOR GENERIC PERMIT FOR STORMWATER DISCHARGE ASSOCIATED WITH INDUSTRIAL ACTIVITY (RULE 62-621.300(5), F.A.C.)

This form is to be completed and submitted to the Department before use of the Multi-Sector Generic Permit for Stormwater Discharge Associated with Industrial Activity (MSGP) provided in subsection 62-621.300(5), F.A.C. The type of facility or activity that qualifies for use of this generic permit, the conditions of the permit and additional requirements to request coverage are specified in paragraph 62-621.300(5)(a), F.A.C. Note that additional requirements for requesting coverage include submittal of the applicable generic permit fee pursuant to Rule 62-4.050, F.A.C. Familiarize yourself with the generic permit and the attached instructions before completing this form. **Please print or type information in the appropriate areas below.**

**I. IDENTIFICATION NUMBER:** Facility ID FLR05H006-003

**II. APPLICANT INFORMATION:**

A. Operator Name: M & M Salvage & Used Auto Parts Inc		B. Operator Status: O	
C. Address: 5615 Taylor Rd			
D. City: Naples		E. State: FL	F. Zip Code: 34109 1958
G. Responsible Authority: Nancy Macias			
H. Responsible Authority's Phone No.: (239) 597-4703			
I. Responsible Authority's Fax No.:			
J. Responsible Authority's E-mail Address: mmsalvage@embarqmail.com			

**III. FACILITY LOCATION INFORMATION:**

A. Facility Name: M & M Salvage & Used Auto Parts Inc			
B. Street Address: 106 Dixie Ave E			
C. City: Immokalee		D. State: FL	E. Zip Code: 34142 3552
F. County: Collier	G. Latitude: 26 ° 25 ' 42.96 "		Longitude: -81 ° 24 ' 51.62 "
H. Is the facility located on Indian Country Lands? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		I. Water Management District: SFWMD	
J. Facility Contact: Janet Marie McQuinn		K. Phone No.: (239) 657-5220	
L. Fax No.:		M. E-mail Address: mmsalvage@embarqmail.com	

**IV. FACILITY ACTIVITY INFORMATION:**

A. SIC or Designated Activity Code(s)	Primary: 5015	Secondary:	
B. Monitoring code (1, 2, 3, or 4): 2	C. Will construction be conducted for stormwater controls? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
D. Other Existing Permits	ERP No.:	Wastewater Permit No.:	Other (specify):

**V. DISCHARGE INFORMATION**

A. MS4 Operator Name: Collier County - FLR04E037							
B. Discharge Location(s):							
Outfall No.	Latitude			Longitude			Receiving Water Name
	Deg.	Min.	Sec.	Deg.	Min.	Sec.	
	26	25	42.9693	-81	24	51.6273	

**VI. CERTIFICATION<sup>1</sup>:**

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Responsible Authority Name and Official Title (Type or Print):
Nancy Macias, Nancy Macias

*Nancy Macias*

May 04, 2020

Responsible Authority Signature: \_\_\_\_\_

Date Signed: \_\_\_\_\_

<sup>1</sup> Signatory requirements are contained in Rule 62-620.305, F.A.C.

**INSTRUCTIONS – DEP FORM 62-621.300(5)(b)**  
**NOTICE OF INTENT (NOI) TO USE MULTI-SECTOR GENERIC PERMIT FOR STORMWATER DISCHARGE ASSOCIATED WITH INDUSTRIAL ACTIVITY (MSGP)**

**Who Must File an NOI:**

Federal law at 40 CFR Part 122 prohibits point source discharges of stormwater associated with industrial activity to waters of the United States without a National Pollutant Discharge Elimination System (NPDES) permit. Under the State of Florida's delegated authority to administer the NPDES program, operators that have stormwater discharge associated with industrial activity to surface waters of the State must file for and obtain either coverage under an appropriate generic permit contained in Chapter 62-621, Florida Administrative Code (F.A.C.), or an individual permit issued pursuant to Chapter 62-620, F.A.C.

**Where to File an NOI:**

**The Department encourages the electronic submission of NOIs for coverage under this generic permit through the NPDES Stormwater Program's electronic permitting application available at <http://www.dep.state.fl.us/water/stormwater/npdes/>.** As an alternative, NOIs may be submitted by paper copy to the following address:

NPDES Stormwater Notices Center, MS #2510  
Florida Department of Environmental Protection  
2600 Blair Stone Road  
Tallahassee, Florida 32399-2400

**Part I – Identification Number:**

Enter the facility's DEP identification number (generic permit coverage number) if known. If an ID number has not yet been assigned to this facility, leave this item blank.

**Part II – Applicant Information:**

Item A.: Provide the legal name of the person, firm, public organization or any other entity that operates the facility described in this application. The operator of the facility is the legal entity which controls the facility's operation rather than the plant or site manager. The name of the operator may or may not be the same as the name of the facility.

Items B.: Enter the appropriate one letter code from the list below to indicate the legal status of the operator of the facility:

F = Federal; S = State; P = Private; M = Public (other than federal or state); O = Other

Items C.– F.: Provide the complete mailing address of the facility operator, including city, state and zip code.

Items G. – J.: Provide the name, telephone and fax number (including area code) and e-mail address of the person authorized to submit this application on behalf of the facility operator. This should be the same person as indicated in the certification in Part VI.

**Part III – Facility Location Information:**

Items A. – E.: Enter the facility's official or legal name and complete street address, including city, state and zip code. Do not provide a P.O. Box number as the street address.

Item F.: Enter the county in which the facility is located.

Item G.: Enter the latitude and longitude of the approximate center of the facility.



Item H.: Indicate whether the facility is located on Indian Country Lands.

Item I.: Enter the appropriate five or six letter code from the list below to indicate the Water Management District the facility is located within:

NFWWMD = Northwest Florida Water Management District  
SRWMD = Suwannee River Water Management District  
SFWMD = South Florida Water Management District  
SWFWMD = Southwest Florida Water Management District  
SJRWMD = St. John's River Water Management District

Items J. – M.: Give the name, telephone and fax number (including area code) and e-mail address of the person who is thoroughly familiar with the operation of the facility, with the facts reported in this application and who can be contacted by the Department if necessary.

#### **Part IV – Facility Activity Information:**

Item A.: List, in descending order of significance, up to two 4-digit standard industrial classification (SIC) codes that best describe the principal products or services provided at the facility identified in Part III. For industrial activities defined in 40 CFR 122.26(b)(14)(i)-(xi) that do not have SIC codes that accurately describe the principal products produced or services provided, use the appropriate two letter code from the list below:

HZ = Hazardous waste treatment, storage or disposal facilities, including those that are operating under interim status or a permit under subtitle C of RCRA [40 CFR 122.26(b)(14)(iv)].

LF = Landfills, land application sites and open dumps that receive or have received any industrial wastes, including those that are subject to regulation under subtitle D of RCRA [40 CFR 122.26(b)(14)(v)].

SE = Steam electric power generating facilities, including coal handling sites [40 CFR 122.26(b)(14)(vii)].

TW = Treatment works treating domestic sewage or any other sewage sludge or wastewater treatment device or system used in the storage, treatment, recycling and reclamation of municipal or domestic sewage [40 CFR 122.26(b)(14)(ix)].

Item B.: Enter the appropriate 1-digit monitoring code for the facility from the list below. The monitoring requirements for the facility are contained in the MSGP.

1 = Not subject to monitoring requirements under the conditions of the permit.  
2 = Subject to monitoring requirements and required to submit data.  
3 = Subject to monitoring requirements but not required to submit data.  
4 = Subject to monitoring requirements but submitting certification for monitoring exclusion.

Item C.: Indicate whether any construction will be conducted to install or develop stormwater controls.

Item D.: Provide the permit number for any existing state, federal or local environmental permit(s) issued to the facility, including any environmental resource permit (ERP) issued by the DEP or the Water Management District; any DEP wastewater facility permit; and any EPA-issued NPDES permit.

#### **Part V – Discharge Information:**

Item A.: If the facility discharges stormwater associated with industrial activity to a municipal separate storm sewer system (MS4), enter the name of the operator of the MS4 (e.g., municipality name, county name). (See Chapter 62-624, F.A.C. for the definition of an MS4.)

Item B.: If the facility discharges stormwater associated with industrial activity directly to receiving water(s), list each outfall; the receiving water of each outfall; and the latitude and longitude of each outfall, if available.

**Part VI – Certification:**

Type or print the name and official title of the person signing the certification. Sign and date the certification.

Section 403.161, F.S., provides severe penalties for submitting false information on this application (NOI) or any reports or records required by a permit. There are both civil and criminal penalties, in addition to the revocation of permit coverage for submitting false information.

Rule 62-620.305, F.A.C., requires that the application (NOI) and any reports required by the permit to be signed as follows:

- A. For a corporation, by a responsible corporate officer as described in Rule 62-620.305, F.A.C.;
- B. For a partnership or sole proprietorship, by a general partner or the proprietor, respectively; or
- C. For a municipality, state, federal or other public facility, by a principal executive officer or elected official.

***Site 65 – University of Florida IFAS Southwest Florida  
Research and Education Center (SFREC)***

***2685 SR 29***



Collier County  
Public Utilities Department  
Solid & Hazardous Waste Management Division

February 6, 2024  
Roger McGill  
UF SWREC  
[FRMC@ufl.edu](mailto:FRMC@ufl.edu)

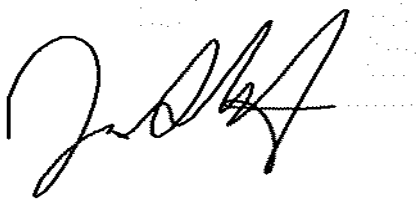
RE: **Return To Compliance**  
UF SWERC, Highway 29 N., Immokalee, FL 34142  
DEP Facility ID#: 11/8735911  
Collier County– Storage Tanks

Dear Storage Tank Owner/Operator:

Collier County Solid and Hazardous Waste Management Division (SHWMD), on behalf of the Florida Department of Environmental Protection (Department), personnel performed a storage tank compliance inspection on April 17, 2023. Based upon documentation provided on July 20, 2023, the facility was determined to have returned to compliance with the Department's Storage Tank rules and regulations.

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 Jay Standiford at 239-207-0981 or [James.Standiford@colliercountyfl.gov](mailto:James.Standiford@colliercountyfl.gov).

Sincerely,



James A. Standiford IV (Jay)  
Environmental Specialist I  
Hazardous Materials/Pollutant Storage Tanks Environmental Compliance  
Collier County Solid and Hazardous Waste Management Division



### FDEP ROUTINE INSPECTION (AST-No Sumps or Dike Field)

Facility Name: University of Florida - SWREC

Facility Address: Hwy 29 N, Immokalee, FL 34142

FDEP Facility ID: 8735911

Inspector: Jay Standiford Collier County SHWMD

Facility Representative: Fite Gagnon Date: 4/13/23 @ 1230

Inspection report emailed to: Roger McGill (FRM@UFL.edu)

#### FINANCIAL RESPONSIBILITY / RELEASE DETECTION RECORDS

FDEP Placard fees paid / posted or available at site: Y  N  N/A

FDEP Registration correct: Y  N  N/A

FR Financial Responsibility kept for 3 years: Y  N  Type: NIA

Insurance Company: Exempt

Dates: \_\_\_\_\_

FR Certificate of Financial Responsibility Forms (Eff. 1/11/17): Y  N

MVI Visual Release Detection conducted (35 days, dates included): Y  N  N/A

Dates: 6/2/20 to 4/6/23

MVI / ERD Electronic Release Detection conducted monthly: Y  N  N/A

Dates: \_\_\_\_\_

MVI Release Detection records kept for 3 years: Y  N  N/A

Release Detection checks include required items: Y  N  N/A

Release Detection checks had no positive responses: Y  N  N/A

Open Discharges: Y  N  N/A

FIRST Facility photo/map/aerial up to date: Y  N

FIRST Facility contact with e-mail address up to date: Y  N

FIRST Facility component list with EQ or Registration ID: Y  N

FIRST Scheduling / Outreach uploaded: Y  N

#### COMMENTS:

Morrison Brothers level clock gauges - Broken

TESTING:

RELEASE DETECTION DEVICES tested annually: Y \_\_\_ N \_\_\_ N/A

Type(s): Sturk monthly

Dates: \_\_\_\_\_

OVERFILL PREVENTION DEVICES tested annually: Y \_\_\_ N  N/A \_\_\_

Type(s): Morrison Brothers Fuel Level Gauges - 2

Dates: Don't work AO testing has not been performed over the last two years.

*Violation*

LLD RELEASE DETECTION DEVICES tested annually: Y \_\_\_ N \_\_\_ N/A

Dates: \_\_\_\_\_

Shear valves tested annually: Y \_\_\_ N \_\_\_ N/A

Dates: \_\_\_\_\_

Emergency stop tested annually: Y \_\_\_ N \_\_\_ N/A

Dates: \_\_\_\_\_

COMMENTS:

\_\_\_\_\_  
\_\_\_\_\_

SPILL CONTAINMENT:

Type: Single wall  Double wall \_\_\_ Remote fill box \_\_\_ Dike Field \_\_\_

Construction: Metallic  Poly \_\_\_ FRP \_\_\_ Hybrid \_\_\_

Fill Method: Tight (cam-lock) \_\_\_ OPV \_\_\_ Loose (nozzle)

Product Label: Y \_\_\_ N \_\_\_ N/A \_\_\_

Liquids removed / dry: Y  N \_\_\_

No cracking, defects, or holes: Y  N \_\_\_

Remote Fill - Check Valve & Isolation Valve present: Y \_\_\_ N \_\_\_ N/A

Release Detection: Visual

COMMENTS:

Add product labels to both spill buckets.

**TANK(S):** 2 # Tank(s) (Check Interstice)  
**Location:** Aboveground  Sub-generator \_\_\_ Marine \_\_\_ Aviation \_\_\_  
**Type:** Double wall \_\_\_ Single wall \_\_\_ Compartmented \_\_\_ Diked \_\_\_  
**Construction:** Single wall steel \_\_\_ Double wall steel  ConVault \_\_\_  
**AST flammable / combustible tank type:** UL 142 \_\_\_ UL 2080 \_\_\_ UL 2085 \_\_\_ N/A \_\_\_  
**Contents:** Diesel  Unleaded \_\_\_ Premium \_\_\_ AV Gas \_\_\_ Jet Fuel \_\_\_  
 Used Oil  New Oil \_\_\_ Other \_\_\_  
**Purpose:** Vehicular Fueling  Generator \_\_\_ Generator Day Tank \_\_\_  
 Water Treatment \_\_\_ Sub-Pump \_\_\_ Fire Pump \_\_\_ Aviation \_\_\_

**AST CORROSION** under control: Y  N \_\_\_ N/A \_\_\_  
**AST Product Type LABELING** present: Y  N \_\_\_ N/A \_\_\_  
**AST NFPA 704 placard** present: Y \_\_\_ N \_\_\_ N/A \_\_\_  
**AST ANCHORED & GROUNDED:** Y  N \_\_\_ N/A \_\_\_  
**AST Collision Protection** present if impact possible: Y  N \_\_\_ N/A \_\_\_  
**AST No flammable materials** used, i.e. PVC caps: Y  N \_\_\_ N/A \_\_\_  
**AST Setback 3 feet** from other tanks and walls: Y  N \_\_\_ N/A \_\_\_  
**AST Flammable / Combustible tank** meets setback requirements for buildings & property line listed in NFPA 30/30A tables: Y  N \_\_\_ N/A \_\_\_  
**Located greater than 500 feet** from a potable well: Y  N \_\_\_ N/A \_\_\_

**Release Detection:** Visual  Mechanical gauge \_\_\_ Sensor \_\_\_ Vacuum \_\_\_  
**AST Krueger Gauge or Manual Interstice** checked: Y  N \_\_\_ N/A \_\_\_ (wet / dry)

**COMMENTS:**

2000 gallon split (1,000 DSEL & 1,000 TOL) AST

**OVERFILL PREVENTION:**

Type(s): Audible Alarm \_\_\_ Visual gauge  OPV \_\_\_ Stick & Chart  Dike Field \_\_\_  
**AST has Audible Alarm & Visual Gauge** (audible or visible) at fill: Y \_\_\_ N \_\_\_ N/A   
**Audible alarm** set no higher than 90%: Y \_\_\_ N \_\_\_ N/A   
**Audible Alarm test button** works: Y \_\_\_ N \_\_\_ N/A   
**OPV if tight fill:** Y \_\_\_ N \_\_\_ N/A   
**Inches to Gallons Chart:** Y \_\_\_ N   
**LLD present:** Y \_\_\_ N \_\_\_ N/A

**COMMENTS:**

Compartment's stuck prior to filling.

**VENTING:**

AST Emergency Vent on both primary and secondary: Y  N  N/A   
 AST Secondary by design, i.e. concrete, diked. Y  N  N/A   
 AST Vents 12 foot above grade for Class I liquids: Y  N  N/A   
 Class I liquids have **Pressure/Vacuum cap**: Y  N  N/A   
 Vents not near windows or air intake: Y  N  N/A   
 Vents for Class 1 Liquids extend through roof / not near eaves Y  N  N/A   
 Nothing in the vent line other than vent, i.e. ball check, gauge, etc. Y  N  N/A   
 Manifolder vent piping only with similar fuels: Y  N  N/A   
 Vapor recovery present (required class I liquids >10,000 gallons): Y  N  N/A   
 Vapor recovery type: Dual point  Co-Axial  N/A

**COMMENTS:**

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**PIPING:** N/A

Type: Suction  Pressurized   
 Location: Aboveground   
 Containment: Single wall  Double wall  Both   
 Material: Metallic  FRP  Thermoplastic   
 Aboveground piping is non-flammable/combustible, i.e. metallic: Y  N  N/A   
 Metallic **CORROSION** control ok: Y  N  N/A   
**ISOLATION VALVE** located as close to the tank shell as possible: Y  N  N/A   
 Gravity head: Y  N  N/A   
 Gravity head has **solenoid** or **ANTI-SIPHON** device & downstream of the isolation valve:  
 Y  N  N/A   
 Piping emerges from top of the tank for double wall: Y  N  N/A   
 Solenoid is horizontal: Y  N  N/A   
**Release Detection:** Visual  LLD  Sensor at interstitial low point

**COMMENTS:**

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DISPENSERS: N/A

2 Dispensers with 1 Fueling positions

AST with dispenser on top is UL-2080 or UL-2085: Y  N  N/A

Hoses & whips not deformed, cracked, or weeping: Y  N

Breakaways present for ~~non-aviation/marina~~ <sup>aviation</sup>: Y  N  N/A

Hold open clip removed for aviation/marina nozzles: Y  N  N/A

Emergency stop located 20-100 feet from each dispenser and labeled: Y  N

Dispenser sumps present for underground piping: Y  N  N/A

Dispenser sump construction: FRP  Metallic  Poly  Multiple  N/A

Sensors properly located in dispenser sumps: Y  N  N/A

Dispenser sumps are free of liquids: Y  N  N/A

Meet setback requirements for table in NFPA 30A: Y  N  N/A

Release Detection: Visual  Sensors

Shear valves installed on pressurized piping: Y  N  N/A

Shear valves anchored & appear to function properly: Y  N  N/A

COMMENTS:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

LEAKS / SPILLS OBSERVED: Y  N

Additional Comments or Summary:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

***Site 67 – Collier Health Services  
(also known as Marion Fether Medical Center)***







Florida Department of Environmental Protection  
 Twin Towers Office Bldg. 2600 Blair Stone Road, Tallahassee, Florida, 32399-2400  
 Division of Waste Management  
 Petroleum Storage Systems  
 Storage Tank Facility Routine Compliance Site Inspection Report

**Facility Information:**

Facility ID:	9818091	County:	COLLIER	Inspection Date:	05/03/2022
Facility Type:	Z - Other Regulated Facility				
Facility Name:	COLLIER HEALTH SERVICES			# of inspected ASTs:	1
	1454 MADISON AVE W			USTs:	0
	IMMOKALEE, FL 34142			Mineral Acid Tanks:	0
Latitude:	26° 26' 33.918"				
Longitude:	81° 25' 55.2216"				
LL Method:	DPHO				

**Inspection Result:**

Result: Minor Out of Compliance

**Signatures:**

TKCOPC - COLLIER COUNTY SOLID & HAZ WASTE MGMT DEPT (239) 207-0920

**Storage Tank Program Office and Phone Number**

Nereida Hernandez

Oscar Villa

**Inspector Name**

**Representative Name**

No Signature

**Inspector Signature**

**Representative Signature**

**Principal Inspector**

**COLLIER HEALTH SERVICES**

**COLLIER COUNTY SOLID & HAZ WASTE MGMT DEPT**

Owners of UST facilities are reminded that the Federal Energy Policy Act of 2005 and 40 CFR 280 Subpart J requires Operator Training at all facilities by October 13, 2018. For further information please visit: <https://floridadep.gov/waste/permitting-compliance-assistance/content/underground-storage-tank-operator-training>

**Financial Responsibility:**

Financial Responsibility: INSURANCE

Insurance Carrier: ACE AMERICAN INSURANCE COMPANY

Effective Date: 11/23/2021      Expiration Date: 11/23/2022

### Overdue System Tests

Type	Date Completed	Results	Reviewed	Next Due Date	Comment
Annual Operability - Overfill Protection			05/11/2022	12/15/2021	Test needed to the primary overfill device
Annual Operability - Release Detection			05/11/2022	12/15/2021	Test needed to the leak sensor

### Completed System Tests

Type	Date Completed	Results	Reviewed	Next Due Date	Comment
Annual Operability - Overfill Protection	12/15/2020	Passed	12/29/2020	12/15/2021	The overfill device is tested annually.
Annual Operability - Release Detection	12/15/2020	Passed	12/29/2020	12/15/2021	Rupture basin sensor is tested annually.
Integrity Test - Single-walled Spill Bucket	12/23/2020	Passed	12/29/2020	12/23/2030	Spill bucket is tested on install.

### Reviewed Records

Record Category	Record type	From Date	To Date	Reviewed Record Comment
Three Years	Certificate of Financial Responsibility	11/23/2021	05/11/2022	Part D & P
Three Years	Monthly Maint. Visual Examinations and Results	01/04/2021	05/02/2022	Inspected weekly

### Violations:

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Type: Violation  
 Significance: Minor  
 Rule: 62-762.501(2)(e)3, 62-762.501(2)(e)3.a, 62-762.501(2)(e)3.b, 62-762.501(2)(e)4, 62-762.502(2)(e)4, 62-762.502(2)(e)4.a, 62-762.502(2)(e)4.b, 62-762.502(2)(e)5  
 Violation Text: Failure to designate, register, or annually test primary overfill protection device,  
 Explanation: System test to the designated primary overfill device due on December 15, 2021. An annual operability test shall be performed on the designated primary overfill protection device used to meet the Department's overfill protection requirement at intervals not exceeding 12 months to ensure proper operation.  
 Corrective Action: Perform system test to the overfill equipment and send test results to the County inspector by email.

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Type: Violation  
 Significance: Minor  
 Rule: 62-762.601(7), 62-762.602(7)  
 Violation Text: Annual operability testing of release detection systems not completed.  
 Explanation: System test to the designated primary overfill device due on December 15, 2021. All release detection devices shall be tested annually at intervals not exceeding 12 months

to ensure proper operation.1.

Corrective Action: Perform system test to the rupture basin/leak sensor and send test results by email to the County inspector.

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## Inspection Comments

05/11/2022

Inspection scheduled by email on March 23, 2022.

On May 3, 2022, Nereida Hernandez from Collier County met with Mr. Oscar Villa and Jerry Cabrera, to perform the storage tank compliance inspection. The records were reviewed during the inspection.

No discharge or violations open at time of the inspection.

TANK – One (1) 1,575-gallon, double-walled sub-base generator tank (UL 142) to supply diesel to an emergency power generator. The exterior of tank coating appears to be in satisfactory condition. Corrosion of metal components must be minimized by periodic maintenance. The system is marked per API RP 1637 and NFPA 704.

SPILL CONTAINMENT – The system is equipped with single-walled spill containment bucket mounted on top of the tank with a drain that goes directly into the tank. The fill port is properly labeled. Spill containment in satisfactory condition at time of the inspection.

OVERFILL PROTECTION – The system is equipped with a Rochester Dial Tank Gauge, tight fill connection without overfill prevention valve, and a high-level fuel alarm connected to the annunciator panel. Overfill protection devices must be tested for operability annually at intervals not exceeding 12 months to ensure proper operation. The normal and emergency vents are present and observed to be in satisfactory condition.

NOTE: The system is equipped with a tight fill connection without an overfill prevention valve. Replace the tight fill cap for a screw or flip cap; or install an overfill prevention valve.

“Effective October 17, 2019, owners and operators must designate a primary overfill device. Secondary overfill devices cannot interfere with the proper operation of the designated primary device. The designated primary overfill device must be registered with the Department and perform annual operability testing at intervals not exceeding 12 months.”

PIPING – There is no piping associated with the system, except for the supply and return lines which are flexible hoses connected directly to the generator and are in good condition. No anti-siphon or solenoid valve is required, the generator rests on top of the tank and is not producing a gravity head.

RELEASE DETECTION: The facility conducts weekly visual inspections of visible/exposed tank components including spill containment bucket, tank coating, gauge, and sensors. The tank interstitial space is monitored via leak sensor connected to the annunciator panel Release detection devices must be tested for operability annually at intervals not exceeding 12 months to ensure proper operation.

### GENERAL REMINDER:

INCIDENT RESPONSE - An incident is a condition or situation indicating that a release or discharge may have occurred. Incident investigations must be initiated within 24 hours. If within 72 hours of discovery the investigation does not confirm that a discharge did not occur, then the incident must be reported to the contracted county. All positive responses of release detection devices (such as alarms) must be investigated and a determination made as to whether a discharge occurred. Records of all incidents must be maintained along with the incident investigation findings for inspection by the Department or contracted county.

REPAIRS, OPERATION AND MAINTENANCE - Storage tank system equipment shall be maintained in sound

operational condition to reduce the likelihood of releases and incidents. Corrosion of metal components must be minimized by periodic maintenance. Water in excess of one inch in depth or any regulated substances collected in secondary containment shall be removed within 72 hours of discovery and properly disposed.

RECORDS - Records generated on or after January 11, 2017, shall be kept for three years. Records generated before January 11, 2017, are required to be kept for two years, in accordance with rule 62-762.711, F.A.C.

Due to the COVID-19 pandemic, the facility representative was not required to sign the report.

The inspection report was provided by e-mail to Rod Stitt (RStitt@healthcareswfl.org) and Oscar Villa (OVilla@healthcareswfl.org).

### Inspection Photos

Added Date 05/11/2022

General view of the system



Added Date 05/11/2022

Spill containment



Added Date 05/11/2022

Overfill-Rochester Gauge



Added Date 05/11/2022

Overfill and leak sensors







Collier County  
Public Utilities Department  
Solid & Hazardous Waste Management Division

May 11, 2022

**Rod Stitt**

[RStitt@healthcareswfl.org](mailto:RStitt@healthcareswfl.org)

**RE: Compliance Assistance Offer**  
Collier Health Services  
1454 Madison Ave W  
Immokalee, FL 34142  
**DEP Facility # 9818091**  
Collier County – Storage Tanks

Dear Mr. Stitt:

A storage tank inspection and file review were conducted at the above noted facility on or about May 3, 2022, by the Collier County Solid and Hazardous Waste Management Division (SHWMD), on behalf of the Florida Department of Environmental Protection. During the inspection and file review, potential non-compliance was noted. The purpose of this letter is to offer compliance assistance as a means of resolving this matter.

Specifically, potential non-compliance with the requirements of Chapter 376 and 403, Florida Statutes, and Chapter 62-761 or 62-762, Florida Administrative Code (Fla. Admin. Code) was observed. Please see the attached inspection report for a full account of County observations and recommendations.

We request you review the item(s) of concern and respond in writing within 15 days of receipt of this Compliance Assistance Offer. Your written response should include one of the following:

1. Describe what has been done to resolve the non-compliance issue(s) or provide a schedule describing how/when the remaining issues will be addressed.
2. Provide the requested information, or information that mitigates the concerns or demonstrates them to be invalid.
3. Arrange for the inspector to visit your facility to discuss the item(s) of concern.



Mr. Rod Stitt  
Page 2  
May 11, 2022

It is the Department's desire that you are able to adequately address the aforementioned issues so that this matter can be closed. Your failure to respond promptly may result in the initiation of formal enforcement proceedings.

Please address your response and any questions to Nereida Hernandez at (239) 252-8475 or by e-mail at [Nereida.Hernandez@CollierCountyFL.gov](mailto:Nereida.Hernandez@CollierCountyFL.gov).

Sincerely,



Nereida Hernandez  
Environmental Specialist  
Collier County Public Utilities Department  
Solid and Hazardous Waste Management Division

Enclosure: Inspection Report

cc: Oscar Villa ([OVilla@healthcareswfl.org](mailto:OVilla@healthcareswfl.org))

  
Public Utilities Department  
Solid & Hazardous Waste Management Division

May 31, 2022

Rod Stitt

[RStitt@healthcareswfl.org](mailto:RStitt@healthcareswfl.org)

**RE: Return to Compliance Letter**  
Collier Health Services  
1454 Madison Ave W  
Immokalee, FL 34142  
**DEP Facility # 11/9818091**

Collier County – Storage Tanks

Dear Mr. Stitt:

Collier County Solid and Hazardous Waste Management Division (SHWMD), on behalf of the Florida Department of Environmental Protection, personnel issued a Compliance Assistance Offer Letter to the above-referenced facility on May 11, 2022. Based on the information provided on May 31, 2022, the facility was determined to have returned to compliance with the Department's Storage Tank rules and regulations.

The Department appreciates your efforts to maintain this facility in compliance with state and federal rules. Should you have any questions please contact Nereida Hernandez at (239) 252-8475 or by e-mail at [Nereida.Hernandez@CollierCountyFL.gov](mailto:Nereida.Hernandez@CollierCountyFL.gov).

Sincerely,



Nereida Hernandez  
Environmental Specialist  
Collier County Public Utilities Department  
Solid and Hazardous Waste Management Division

cc: Oscar Villa ([OVilla@healthcareswfl.org](mailto:OVilla@healthcareswfl.org))



## Facility Detailed List Report

Number of Facilities = 1

Facility Info									
Facility ID	County	Status	EPA ID	Other ID	Old Fac. ID	Follow Up			
16979	Collier	A - Active - Waste Generator	NA	96020299	1104374	N - None Needed			
Facility Name	Mailing Address	Location Address	Contact	Title	Phone	E-mail Address			
Collier Health Services	1454 W Madison Ave Immokalee, FL 34142	1454 W Madison Ave Immokalee, 34142	Collier Health Services Inc	Owner	(239) 658-3000				
SIC Code	Gen Stat	Total HW Disposal	Data Type	Date	Org Contact	Org Code			
8011 - Services - Offices And Clinics Of Medical Doctors	N - NOT A HAZARDOUS WASTE GENERATOR	0	V - Verification By On-Site Visit	2/13/2019	Edward Tucker	11 - Collier			
Full-Time Employees		Facility Updated Date							
		2/13/2019 10:00:42 AM							
Waste Info									
Waste Type	Storage Method	Disposal Method	Mo. (Units)	Max Mo. (Lbs)	Lbs/Year	Disposal Location	Ques Storage	Ques Disposal	RCRA Hazardous
LDEB - Fluorescent Lamps/Devices	OG - Other Good	EE - Universal Waste	3 ( POUNDS )	3	36	Off-Site	N	N	N
Activity Info									
Activity Type	Description	Activity Date	Return To Compliance Date						
Facility has no corresponding activity information.									

## Facility Detailed List Report

Number of Facilities = 1

Facility Info									
Facility ID	County	Status	EPA ID	Other ID	Old Fac. ID	Follow Up			
22964	Collier	O - Out Of Business	NA	0101-5058	1110778	N - None Needed			
Facility Name	Mailing Address	Location Address	Contact	Title	Phone	E-mail Address			
Marion Fether Medical Center	1454 Madison Ave Immokalee, FL 34142	1454 Madison Ave, B Immokalee, 34142			() -				
SIC Code	Gen Stat	Total HW Disposal	Data Type	Date	Org Contact	Org Code			
8021 - Services - Offices And Clinics Of Dentists	N - NOT A HAZARDOUS WASTE GENERATOR	0	V - Verification By On-Site Visit	3/12/2019	Edward Tucker	11 - Collier			
Full-Time Employees		Facility Updated Date							
		3/12/2019 9:37:23 AM							
Comments:									
Comment Date	Comment								
3/12/2019	Entire Building Currently Collier Health Services.								
Waste Info									
Waste Type	Storage Method	Disposal Method	Mo. (Units)	Max Mo. (Lbs)	Lbs/Year	Disposal Location	Ques Storage	Ques Disposal	RCRA Hazardous
Facility has no corresponding waste information.									
Activity Info									
Activity Type	Description	Activity Date	Return To Compliance Date						
Facility has no corresponding activity information.									

## ***Site 72 – Howard Fertilizer Spill***

## Sellers, Robert

---

**From:** Sellers, Robert <Robert.Sellers@FloridaDEP.gov>  
**Sent:** Wednesday, January 3, 2024 9:26 AM  
**To:** Victor San Agustin  
**Subject:** RE: Howard Fertilizer Corkscrew Spill Site, Site No. ERIC\_15319

Good Morning Victor,

Your request for extension is approved with a new due date of March 18, 2024.

Please let me know if you have any questions.



### Bob Sellers

#### Environmental Specialist III

Department of Environmental Protection  
Florida - Southwest District  
13051 North Telecom Parkway, Suite 101  
Temple Terrace, FL 33637  
Office: 813-470-5761  
[Robert.sellers@floridadep.gov](mailto:Robert.sellers@floridadep.gov)

---

**From:** Victor San Agustin <VSanAgustin@mdenv.com>  
**Sent:** Tuesday, January 2, 2024 8:28 AM  
**To:** Sellers, Robert <Robert.Sellers@FloridaDEP.gov>  
**Cc:** Steve Smith <ssmith@howardfert.com>; Roger Pragle <rpragle@mdenv.com>; Briana Pragle <BPragle@mdenv.com>; Weng, Randy <Randy.Weng@dot.state.fl.us>; Dwayne Collier <dcollier@howardfert.com>; Benji Sikes <BSikes@Howardfert.com>  
**Subject:** RE: Howard Fertilizer Corkscrew Spill Site, Site No. ERIC\_15319

#### EXTERNAL MESSAGE

This email originated outside of DEP. Please use caution when opening attachments, clicking links, or responding to this email.

Hello Robert,

This is a reminder to please follow up on my December 18 request below.  
Thanks for the help.

**Victor L. San Agustin, P.E., C.H.M.M.**  
**Senior Engineer**  
**M&D Environmental Services, LLC**  
**5896 Azalea Street**  
**Port Orange, FL 32127**  
**M 813-842-5520**

Email [vsanagustin@mdenv.com](mailto:vsanagustin@mdenv.com)



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**From:** Victor San Agustin

**Sent:** Monday, December 18, 2023 9:28 AM

**To:** Sellers, Robert <[Robert.Sellers@FloridaDEP.gov](mailto:Robert.Sellers@FloridaDEP.gov)>

**Cc:** Steve Smith <[ssmith@howardfert.com](mailto:ssmith@howardfert.com)>; Roger Pragle <[rpragle@mdenv.com](mailto:rpragle@mdenv.com)>; Briana Pragle <[BPragle@mdenv.com](mailto:BPragle@mdenv.com)>; Weng, Randy <[Randy.Weng@dot.state.fl.us](mailto:Randy.Weng@dot.state.fl.us)>; Dwayne Collier <[dcollier@howardfert.com](mailto:dcollier@howardfert.com)>; Benji Sikes <[BSikes@Howardfert.com](mailto:BSikes@Howardfert.com)>

**Subject:** RE: Howard Fertilizer Corkscrew Spill Site, Site No. ERIC\_15319

Hello Robert:

On behalf of Howard Fertilizer & Chemical Company, Inc., this is to request another 90 day extension in which to remove 5,000 gal from each recover well located at the above referenced spill site.

Howard Fertilizer has taken on the task of removing the groundwater, approximately 500 gallons at a time. As of this email, per the attached manifests, 800 gal has been removed from the eastern recovery well and 1,000 gal from the western recovery well.

Assuming no delays, we expect to submit our site assessment report by Monday, 3/18/2024.

**Victor L. San Agustin, P.E., C.H.M.M.**

**Senior Engineer**

**M&D Environmental Services, LLC**

**5896 Azalea Street**

**Port Orange, FL 32127**

**M 813-842-5520**

**Email [vsanagustin@mdenv.com](mailto:vsanagustin@mdenv.com)**



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**From:** Sellers, Robert <[Robert.Sellers@FloridaDEP.gov](mailto:Robert.Sellers@FloridaDEP.gov)>

**Sent:** Tuesday, November 7, 2023 9:25 AM

**To:** Victor San Agustin <[VSanAgustin@mdenv.com](mailto:VSanAgustin@mdenv.com)>

**Cc:** [dpeterson@howardfert.com](mailto:dpeterson@howardfert.com); Steve Smith <[ssmith@howardfert.com](mailto:ssmith@howardfert.com)>; Roger Pragle <[rpragle@mdenv.com](mailto:rpragle@mdenv.com)>; Briana Pragle <[BPragle@mdenv.com](mailto:BPragle@mdenv.com)>; Weng, Randy <[Randy.Weng@dot.state.fl.us](mailto:Randy.Weng@dot.state.fl.us)>

**Subject:** RE: Howard Fertilizer Corkscrew Spill Site, Site No. ERIC\_15319

Good Morning Victor,

Your request for extension is approved with a new due date of January 2, 2024.



Please contact me if you have any questions.



## Bob Sellers

### Environmental Specialist III

Department of Environmental Protection  
Florida - Southwest District  
13051 North Telecom Parkway, Suite 101  
Temple Terrace, FL 33637  
Office: 813-470-5761  
[Robert.sellers@floridadep.gov](mailto:Robert.sellers@floridadep.gov)

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**From:** Victor San Agustin <[VSanAgustin@mdenv.com](mailto:VSanAgustin@mdenv.com)>

**Sent:** Thursday, November 2, 2023 3:10 PM

**To:** Sellers, Robert <[Robert.Sellers@FloridaDEP.gov](mailto:Robert.Sellers@FloridaDEP.gov)>

**Cc:** [dpeterson@howardfert.com](mailto:dpeterson@howardfert.com); Steve Smith <[ssmith@howardfert.com](mailto:ssmith@howardfert.com)>; Roger Pragle <[rpragle@mdenv.com](mailto:rpragle@mdenv.com)>; Briana Pragle <[BPragle@mdenv.com](mailto:BPragle@mdenv.com)>; Weng, Randy <[Randy.Weng@dot.state.fl.us](mailto:Randy.Weng@dot.state.fl.us)>

**Subject:** RE: Howard Fertilizer Corkscrew Spill Site, Site No. ERIC\_15319

#### EXTERNAL MESSAGE

This email originated outside of DEP. Please use caution when opening attachments, clicking links, or responding to this email.

Hello Robert:

On behalf of Howard Fertilizer (Howard), this is to request a 45 day extension from the November 16, 2023 deadline in which to submit the site assessment report. We plan to submit the site assessment report by Tuesday, January 2, 2024. As of this email, we have not yet removed the complete 5,000 gallons from each recovery well. As of this email, 1,300 gallons of groundwater total was removed from the two recovery wells when both wells were installed last 9/6/23.

We have been having an issue complying with the 18 ft rule (18 ft distance required between the tanker and the concrete edge of the road) required by FDOT. Based on my discussions with Howard personnel, Howard is making arrangements with the adjacent property owners to allow Howard to park the tanker on private property so the tanker will be more than 18 ft from the edge of the road. Groundwater recharge is also poor in each recovery well. Howard is working on a system that will remove groundwater slowly without having to man the well during pumping.

Thank you for your consideration. If you have any questions, please call or email me.

**Victor L. San Agustin, P.E., C.H.M.M.**

**Senior Engineer**

**M&D Environmental Services, LLC**

**5896 Azalea Street**

**Port Orange, FL 32127**

**M 813-842-5520**

**Email [vsanagustin@mdenv.com](mailto:vsanagustin@mdenv.com)**



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**From:** Sellers, Robert <[Robert.Sellers@FloridaDEP.gov](mailto:Robert.Sellers@FloridaDEP.gov)>  
**Sent:** Thursday, September 21, 2023 2:36 PM  
**To:** Victor San Agustin <[VSanAgustin@mdenv.com](mailto:VSanAgustin@mdenv.com)>  
**Subject:** RE: Howard Fertilizer Corkscrew Spill Site, Site No. ERIC\_15319

Hi Victor,

Thank you for the update. Let me know as we get closer to the deadline if you need an extension.

Bob

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**From:** Victor San Agustin <[VSanAgustin@mdenv.com](mailto:VSanAgustin@mdenv.com)>  
**Sent:** Thursday, September 21, 2023 2:22 PM  
**To:** Sellers, Robert <[Robert.Sellers@FloridaDEP.gov](mailto:Robert.Sellers@FloridaDEP.gov)>  
**Cc:** [dpeterson@howardfert.com](mailto:dpeterson@howardfert.com); Roger Pragle <[rpragle@mdenv.com](mailto:rpragle@mdenv.com)>; Briana Pragle <[BPragle@mdenv.com](mailto:BPragle@mdenv.com)>; Weng, Randy <[Randy.Weng@dot.state.fl.us](mailto:Randy.Weng@dot.state.fl.us)>  
**Subject:** Howard Fertilizer Corkscrew Spill Site, Site No. ERIC\_15319

**EXTERNAL MESSAGE**

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Hello Robert,

A site reconnaissance by Howard Fertilizer personnel yesterday, Sept. 19 shows high ditch water levels in the area of the recovery wells. See attached pics. A parked mobile tanker will not be able to park safely to comply with FDOT's 18 ft rule (18 ft distance between tanker and edge of road). One side of the tanker will have to park in the ditch water (not safe) if groundwater is to be removed from each recovery well at this time.

On behalf of Howard Fertilizer, we recommend waiting for the ditch water levels to subside before parking a tanker at the spill site to receive groundwater. We may need an extension from the November 16 deadline noted in your email below depending on how soon the ditch water subsides so the tanker can park safely and receive groundwater in compliance with FDOT requirements. I will keep you posted.

**Victor L. San Agustin, P.E., C.H.M.M.**  
**Senior Engineer**  
**M&D Environmental Services, LLC**  
5896 Azalea Street par  
Port Orange, FL 32127  
M 813-842-5520  
Email [vsanagustin@mdenv.com](mailto:vsanagustin@mdenv.com)



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**From:** Sellers, Robert <[Robert.Sellers@FloridaDEP.gov](mailto:Robert.Sellers@FloridaDEP.gov)>  
**Sent:** Tuesday, September 12, 2023 12:28 PM  
**To:** Victor San Agustin <[VSanAgustin@mdenv.com](mailto:VSanAgustin@mdenv.com)>  
**Subject:** RE: OSP – Permit # 2023-K-192-00032 - FDOT Permit Approved

Good Afternoon Victor,

Your request for extension is approved with a new due date of November 16, 2023.



**Bob Sellers**

**Environmental Specialist III**

Department of Environmental Protection  
Florida - Southwest District  
13051 North Telecom Parkway, Suite 101  
Temple Terrace, FL 33637  
Office: 813-470-5761  
[Robert.sellers@floridadep.gov](mailto:Robert.sellers@floridadep.gov)

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**From:** Victor San Agustin <[VSanAgustin@mdenv.com](mailto:VSanAgustin@mdenv.com)>  
**Sent:** Tuesday, September 12, 2023 9:58 AM  
**To:** Sellers, Robert <[Robert.Sellers@FloridaDEP.gov](mailto:Robert.Sellers@FloridaDEP.gov)>  
**Cc:** [dpeterson@howardfert.com](mailto:dpeterson@howardfert.com); Roger Pragle <[rpragle@mdenv.com](mailto:rpragle@mdenv.com)>; Briana Pragle <[BPragle@mdenv.com](mailto:BPragle@mdenv.com)>; Weng, Randy <[Randy.Weng@dot.state.fl.us](mailto:Randy.Weng@dot.state.fl.us)>  
**Subject:** RE: OSP – Permit # 2023-K-192-00032 - FDOT Permit Approved

**EXTERNAL MESSAGE**

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Hello Robert:

On behalf of Howard Fertilizer, this is to request a 30 day extension from 10/16/23 to 11/16/23 in which to submit the report.

The additional time is requested to pump approximately 5,000 gal of groundwater from each recovery well. The recovery wells were installed last 9/6/23.

The vac truck was vacuuming groundwater much faster than the recovery well to recharge groundwater.

We have to set up a smaller pump and tank onsite to remove groundwater and obtain FDOT approval if needed.

Thanks for considering. Any questions, please call or email.

Victor L. San Agustin, P.E., C.H.M.M.  
Senior Engineer  
M&D Environmental Services, LLC  
5896 Azalea Street  
Port Orange, FL 32127  
M 813-842-5520  
Email [vsanagustin@mdenv.com](mailto:vsanagustin@mdenv.com)



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**From:** Sellers, Robert <[Robert.Sellers@FloridaDEP.gov](mailto:Robert.Sellers@FloridaDEP.gov)>  
**Sent:** Thursday, August 31, 2023 9:44 AM  
**To:** Victor San Agustin <[VSanAgustin@mdenv.com](mailto:VSanAgustin@mdenv.com)>  
**Subject:** RE: OSP – Permit # 2023-K-192-00032 - FDOT Permit Approved

Good Morning Victor,

Your request for an extension of time to submit the report is approved. The new due date is October 16, 2023.



**Bob Sellers**  
**Environmental Specialist III**  
Department of Environmental Protection  
Florida - Southwest District  
13051 North Telecom Parkway, Suite 101  
Temple Terrace, FL 33637  
Office: 813-470-5761  
[Robert.sellers@floridadep.gov](mailto:Robert.sellers@floridadep.gov)

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**From:** Victor San Agustin <[VSanAgustin@mdenv.com](mailto:VSanAgustin@mdenv.com)>  
**Sent:** Thursday, August 31, 2023 9:31 AM  
**To:** Sellers, Robert <[Robert.Sellers@FloridaDEP.gov](mailto:Robert.Sellers@FloridaDEP.gov)>  
**Cc:** [dpeterson@howardfert.com](mailto:dpeterson@howardfert.com); Randy Conrad <[rconrad@teamues.com](mailto:rconrad@teamues.com)>; Roger Pragle <[rpragle@mdenv.com](mailto:rpragle@mdenv.com)>; Briana Pragle <[BPragle@mdenv.com](mailto:BPragle@mdenv.com)>  
**Subject:** RE: OSP – Permit # 2023-K-192-00032 - FDOT Permit Approved

**EXTERNAL MESSAGE**

This email originated outside of DEP. Please use caution when opening attachments, clicking links, or responding to this email.

Hello Robert:

This is to request the report submittal date be moved from 9/30/2023 to 10/16/23, a Monday. The drill date had to be moved from 8/22/2023 to 9/6/23, approximately 15 days due to a delay in issuance of the drilling permit by Collier County Health Dept.

Thanks for the help. Any questions, please call or email.

**Victor L. San Agustin, P.E., C.H.M.M.**  
**Senior Engineer**  
**M&D Environmental Services, LLC**  
**5896 Azalea Street**  
**Port Orange, FL 32127**  
**M 813-842-5520**  
**Email [vsanagustin@mdenv.com](mailto:vsanagustin@mdenv.com)**



---

**From:** Sellers, Robert <[Robert.Sellers@FloridaDEP.gov](mailto:Robert.Sellers@FloridaDEP.gov)>  
**Sent:** Monday, July 10, 2023 9:09 AM  
**To:** Victor San Agustin <[VSanAgustin@mdenv.com](mailto:VSanAgustin@mdenv.com)>  
**Subject:** RE: OSP – Permit # 2023-K-192-00032 - FDOT Permit Approved

Good Morning Victor,

Thank you for the update. The report was due July 31, but due to scheduling difficulties with the drilling contractor, your request for extension is approved with a new due date of September 30, 2023.



**Bob Sellers**  
**Environmental Specialist III**  
Department of Environmental Protection  
Florida - Southwest District  
13051 North Telecom Parkway, Suite 101  
Temple Terrace, FL 33637  
Office: 813-470-5761  
[Robert.sellers@floridadep.gov](mailto:Robert.sellers@floridadep.gov)

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**From:** Victor San Agustin <[VSanAgustin@mdenv.com](mailto:VSanAgustin@mdenv.com)>

**Sent:** Friday, July 7, 2023 8:43 AM

**To:** Sellers, Robert <[Robert.Sellers@FloridaDEP.gov](mailto:Robert.Sellers@FloridaDEP.gov)>

**Cc:** [dpeterson@howardfert.com](mailto:dpeterson@howardfert.com); Briana Pragle <[BPragle@mdenv.com](mailto:BPragle@mdenv.com)>; Roger Pragle <[rpragle@mdenv.com](mailto:rpragle@mdenv.com)>; Randy Conrad <[rconrad@teamues.com](mailto:rconrad@teamues.com)>

**Subject:** RE: OSP – Permit # 2023-K-192-00032 - FDOT Permit Approved

**EXTERNAL MESSAGE**

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Hello Robert,

Just touching base, on behalf of Howard Fertilizer, based on a recovery well installation date of August 22, 2023 as scheduled by the drilling contractor below, then sampling to be conducted subsequently, we plan to submit the written report by Sept 30, 2023.

If you have any questions or concerns, please call or email.

**Victor L. San Agustin, P.E., C.H.M.M.**

**Senior Engineer**

**M&D Environmental Services, LLC**

**5896 Azalea Street**

**Port Orange, FL 32127**

**M 813-842-5520**

**Email [vsanagustin@mdenv.com](mailto:vsanagustin@mdenv.com)**



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**From:** Victor San Agustin

**Sent:** Tuesday, June 27, 2023 10:19 AM

**To:** Sellers, Robert <[Robert.Sellers@FloridaDEP.gov](mailto:Robert.Sellers@FloridaDEP.gov)>

**Cc:** [dpeterson@howardfert.com](mailto:dpeterson@howardfert.com); Briana Pragle <[BPragle@mdenv.com](mailto:BPragle@mdenv.com)>; Roger Pragle <[rpragle@mdenv.com](mailto:rpragle@mdenv.com)>

**Subject:** FW: OSP – Permit # 2023-K-192-00032 - FDOT Permit Approved

Hello Robert:

FYI below from the drilling contractor.  
Will keep you posted.

**Victor L. San Agustin, P.E., C.H.M.M.**

**Senior Engineer**

**M&D Environmental Services, LLC**

**5896 Azalea Street**

Port Orange, FL 32127  
M 813-842-5520  
Email [vsanagustin@mdenv.com](mailto:vsanagustin@mdenv.com)



---

**From:** Randy Conrad <[rconrad@teamues.com](mailto:rconrad@teamues.com)>  
**Sent:** Tuesday, June 27, 2023 10:05 AM  
**To:** Victor San Agustin <[VSanAgustin@mdenv.com](mailto:VSanAgustin@mdenv.com)>  
**Cc:** Briana Pragle <[BPragle@mdenv.com](mailto:BPragle@mdenv.com)>; Roger Pragle <[rpragle@mdenv.com](mailto:rpragle@mdenv.com)>  
**Subject:** RE: OSP – Permit # 2023-K-192-00032 - FDOT Permit Approved

Victor,  
I have you on the schedule for August 21<sup>st</sup> and 22<sup>nd</sup>.  
I will be contacting you to make sure I have all the information to pull permits.

**Randy Conrad**  
National Business Development  
GEO Exploration  
  
1818 7th Avenue North, Unit 1  
Lake Worth, FL 33461  
f (561) 395-5805 | c (954) 347-1266



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**From:** Victor San Agustin <[VSanAgustin@mdenv.com](mailto:VSanAgustin@mdenv.com)>  
**Sent:** Tuesday, June 27, 2023 9:01 AM  
**To:** Randy Conrad <[rconrad@teamues.com](mailto:rconrad@teamues.com)>  
**Cc:** Briana Pragle <[BPragle@mdenv.com](mailto:BPragle@mdenv.com)>; Roger Pragle <[rpragle@mdenv.com](mailto:rpragle@mdenv.com)>  
**Subject:** RE: OSP – Permit # 2023-K-192-00032 - FDOT Permit Approved

**This Message Is From an External Sender**

This message came from outside your organization.

Randy,

Please advise regarding my June 26 request below.

I would also like to set up the 4 drums to collect drill cuttings inside a trailer so the drums can leave the same day. Please call to discuss.

**Victor L. San Agustin, P.E., C.H.M.M.**  
**Senior Engineer**  
**M&D Environmental Services, LLC**  
**5896 Azalea Street**  
**Port Orange, FL 32127**  
**M 813-842-5520**  
**Email [vsanagustin@mdenv.com](mailto:vsanagustin@mdenv.com)**



---

**From:** Victor San Agustin  
**Sent:** Monday, June 26, 2023 9:52 AM  
**To:** Randy Conrad <[rconrad@teamues.com](mailto:rconrad@teamues.com)>  
**Cc:** Briana Pragle <[BPragle@mdenv.com](mailto:BPragle@mdenv.com)>; Roger Pragle <[rpragle@mdenv.com](mailto:rpragle@mdenv.com)>  
**Subject:** FW: OSP – Permit # 2023-K-192-00032 - FDOT Permit Approved

Hello Randy,

FYI below. Please click on the link to download the approval package.  
Can you please advise what is a good day for you to install the two recovery wells?  
Please advise. Thanks for the help.

**Victor L. San Agustin, P.E., C.H.M.M.**  
**Senior Engineer**  
**M&D Environmental Services, LLC**  
**5896 Azalea Street**  
**Port Orange, FL 32127**  
**M 813-842-5520**  
**Email [vsanagustin@mdenv.com](mailto:vsanagustin@mdenv.com)**





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**From:** [donotreplyapps@dot.state.fl.us](mailto:donotreplyapps@dot.state.fl.us) <[donotreplyapps@dot.state.fl.us](mailto:donotreplyapps@dot.state.fl.us)>  
**Sent:** Thursday, June 22, 2023 3:31 PM  
**To:** Victor San Agustin <[VSanAgustin@mdenv.com](mailto:VSanAgustin@mdenv.com)>  
**Subject:** OSP – Permit # 2023-K-192-00032 - Permit Approved

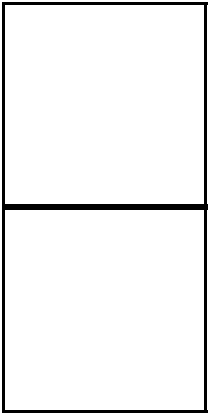
FDOT has approved Permit # 2023-K-192-00032 | Project Name: "SR29 Recovery Well / Monitoring Well".

You may log in to [One-Stop Permitting](#) to view your approved permit package.

[Click here to download the approved package.](#)

**Comments:**

**Please do not reply to this email. Replies to this email will not be monitored or responded to.**



**M&D Environmental Services, LLC**  
**5896 Azalea Street**  
**Port Orange, FL 32127**



March 21, 2023

Elianna Florido  
Florida Department of Environmental Protection  
13051 Telecom Parkway N  
Temple Terrace, FL 33637

**Subject:** Interim Source Removal Proposal - Howard Fertilizer Spill Site;  
½ Mile South of SR-82 and SR-29, Corkscrew, Collier County, FL 34142  
FDEP Site # ERIC\_15319

Dear Ms. Florido:

Thank you for your February 14, 2023 email. On behalf of Howard Fertilizer and Chemical Company, Inc., this document shall serve as our Interim Source Removal (ISR) Proposal for the above referenced site.

Our ISR proposal includes installing two groundwater recovery wells on each side of the road way. A layout showing the recovery well locations is enclosed as Figure 1. Each recovery well will be 4 inches diameter, will be approximately 30 ft-BLS with a well screen of 15 feet located at the well bottom. Prior approval will be obtained from Florida Department of Transportation (FDOT) in order to install the recovery wells on the FDOT right of way and remove groundwater. Well permits will also be obtained from Collier County Health Department prior to installation.

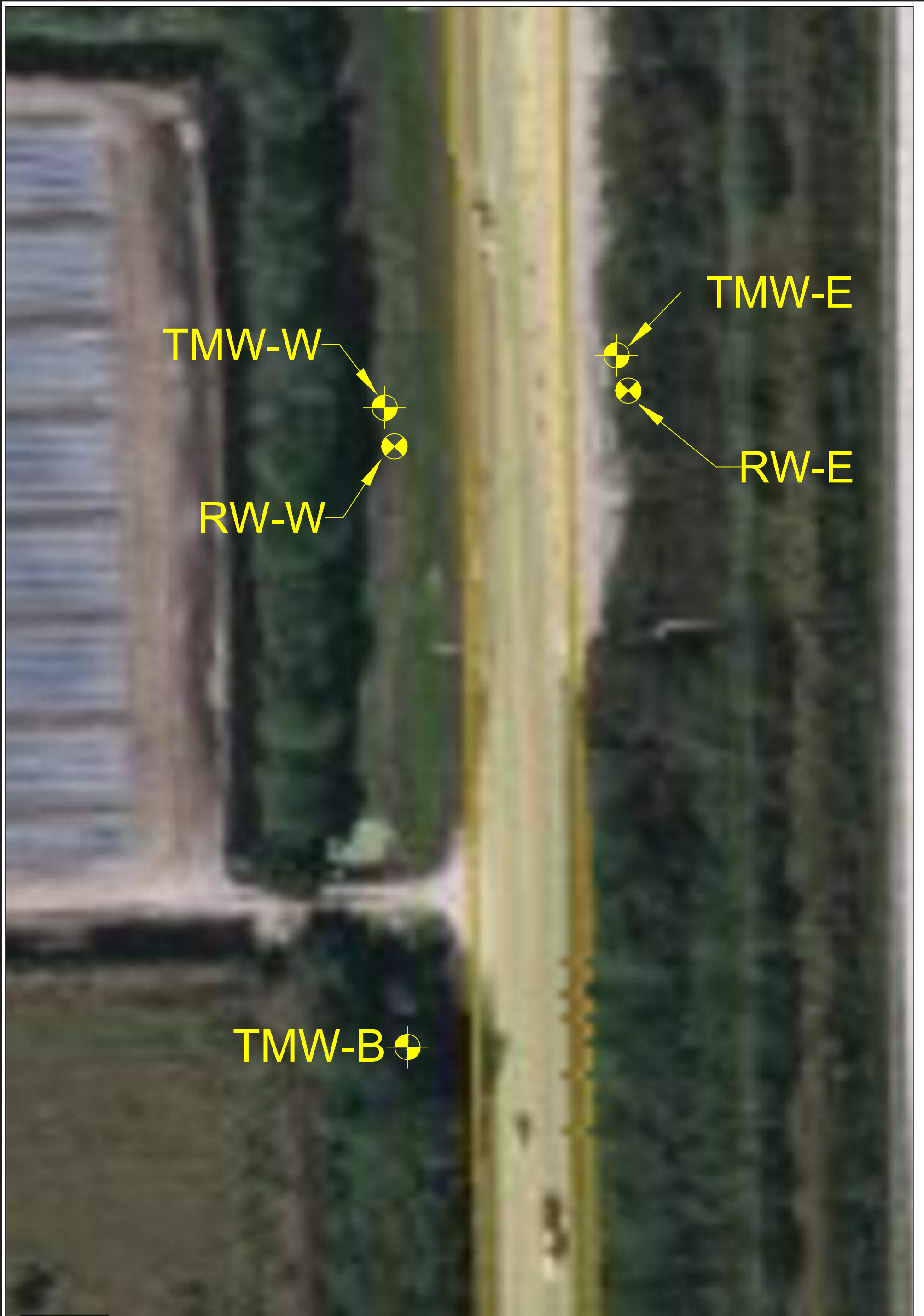
Approximately 5,000 gallons will be removed from each recovery well and then transported offsite for proper disposal. Temporary monitor wells TMW-W, TMW-E, and TMW-B will be sampled for Manganese, Iron, and Arsenic shortly after groundwater removal. A written report documenting source removal work, lab results, and follow up recommendations will be submitted to your office within 45 days of sampling.

Department approval of this ISR proposal is requested. If you have any questions, please call me at 813-842-5520 or email me at [vsanagustin@mdenv.com](mailto:vsanagustin@mdenv.com).

Sincerely,

**M&D Environmental Services, LLC**

*Victor L. San Agustin*  
Victor L. San Agustin, P.E., C.H.M.M.  
Senior Engineer  
vsa



TMW-W



RW-W

TMW-E

RW-E

TMW-B



NOTES/LEGEND:  
 TMW-W  - Temporary Monitor Well  
 RW-W  - Recovery Well

**HOWARD FERTILIZER & CHEMICAL CO.**  
 Spill Site - Approx 1/2 Mile South of SR82 and SR29  
 Corkscrew, Collier County, FL 34142

Well Locations

PROJECT NO.: E0091  
 DATE: March 10, 2023

FIGURE 2

**M&D ENVIRONMENTAL SERVICES, LLC.**  
 5896 Azalea Street  
 Port Orange, FL 32127 TEL. 813-842-5520

**From:** [Victor San Agustin](#)  
**To:** [Kiyali, Serge](#); [Angulo, Yanisa](#)  
**Cc:** [Doug Peterson](#); [Roger Pragle](#); [Briana Pragle](#)  
**Subject:** RE: Howard Fertilizer-ERIC\_15319, Corkscrew Spill Site, Collier County  
**Date:** Wednesday, September 14, 2022 9:10:35 AM  
**Attachments:** [image002.png](#)  
[image006.png](#)  
[SAR FDEP 9-14-2022.pdf](#)

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**EXTERNAL MESSAGE**

This email originated outside of DEP. Please use caution when opening attachments, clicking links, or responding to this email.

Hello Serge:

Attached is the requested Site Assessment Report for the samplings conducted in July and Sept, 2022.

If you have any questions, please call or email.

**Victor L. San Agustin, P.E., C.H.M.M.**  
**Senior Engineer**  
**M & D Industrial Services, LLC**  
**5896 Azalea Street**  
**Port Orange, FL 32127**  
**Land 386-238-9658**  
**Cell 813-842-5520**  
**Email – [vsanagustin@mdindustrialservices.com](mailto:vsanagustin@mdindustrialservices.com)**  
**Website – [www.mdindustrialservices.com](http://www.mdindustrialservices.com)**



---

**From:** Kiyali, Serge <[Serge.Kiyali@FloridaDEP.gov](mailto:Serge.Kiyali@FloridaDEP.gov)>  
**Sent:** Wednesday, August 31, 2022 3:57 PM  
**To:** Victor San Agustin <[VSanAgustin@mdindustrialservices.com](mailto:VSanAgustin@mdindustrialservices.com)>; Angulo, Yanisa <[Yanisa.Angulo@FloridaDEP.gov](mailto:Yanisa.Angulo@FloridaDEP.gov)>  
**Cc:** Doug Peterson <[dpeterson@howardfert.com](mailto:dpeterson@howardfert.com)>; Roger Pragle <[rpragle@mdindustrialservices.com](mailto:rpragle@mdindustrialservices.com)>; Briana Pragle <[bpragle@mdindustrialservices.com](mailto:bpragle@mdindustrialservices.com)>  
**Subject:** RE: Howard Fertilizer-ERIC\_15319, Corkscrew Spill Site, Collier County



**M & D Industrial Services, LLC**  
5896 Azalea Street, Port Orange, FL 32127  
Tel 386-238-9658 •  
[www.mdindustrialservices.com](http://www.mdindustrialservices.com)

**SITE ASSESSMENT REPORT**  
**Oct, 2019 Roadside Fertilizer Spill**  
**½ Mile South of SR-29 and SR-82 Roundabout**  
**Corkscrew, Collier County, Florida 34142**  
**FDEP OER Report No.**  
**OHMIT #2019-3I-64280Z**

**prepared for**

Howard Fertilizer and Chemical Company, Inc.  
8306 South Orange Avenue  
Orlando, FL 32809

**prepared by**

M & D Industrial Services, LLC  
5896 Azalea Street  
Port Orange, Florida 32127

**September 14, 2022**

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## 1.0 Introduction

On behalf of Howard Fertilizer & Chemical Company, Inc., this report serves as a follow up to the recommendations made in the previous Site Assessment Report (SAR) dated 3-10-2021. FDEP personnel concurred with M&D's recommendations as shown in a July 20, 2021 email from Morgan Popidinski, FDEP-South District, attached as **Attachment 1**.

Temporary monitor wells TMW-W and TMW-E were destroyed as reported in M&D's 3-10-2021 site assessment report. M&D recommended and FDEP concurred with reinstalling the two temporary monitor wells after completion of road construction. Road construction of the roundabout located at SR-82 and SR-29 was completed approximately in May, 2022. Construction activities included road construction work at the spill site. **Figure 1** shows the spill site location's proximity to the roundabout.

M&D personnel conducted a site survey on 5/25/2022 and confirmed that temporary monitor wells TMW-W and TMW-E can still be installed in the same locations. FDOT required a General Use permit prior to installing the temporary wells. M&D applied for the General Use permit on 6-24-2022. FDOT issued General Use permit 2022-K-192-00025 allowing M&D to install the temporary monitor wells. The two (2) temporary wells were installed on 6-29-2022. The monitor well construction logs are enclosed in **Attachment 2**. Monitor well TMW-B was still in tact and not damaged on the date of sampling.

Sampling of the two (2) replacement temporary monitor wells was conducted on 7-20-22. The monitor well sampling logs are enclosed in **Attachment 3**. Water levels and GPS coordinates of the 3 temporary wells were also recorded and are presented in **Table 4**. Based on the recorded water levels, direction of groundwater flow is towards the NNE and is presented in **Figure 3**. All other sampling as recommended in the 3-10-2021 site assessment report was also conducted the same day. All other sampling included sampling of sediment at Ditchwater-B and sediment near Soil B.

All samples were delivered to SGS Labs in Orlando for lab analysis same day, July 20, 2022. The SGS Lab report was issued on 7/27/2022 and is enclosed as **Attachment 4**. The West Ditch Surface Water was sampled on 9/1/2022. The SGS lab report was issued on 9/12/2022 and is also enclosed in **Attachment 4**.

## 2.0 Summary of Findings / Recommendations

**Table 1** shows all soil and sediment sampling results conducted to date including the results from the July 20, 2022 sediment samples. All sample locations to date are shown in **Figure 2**. Arsenic in the sediment sample next to Soil-B was 0.87 mg/kg. Arsenic in the Ditchwater-B was 0.26 I. As documented in M&D's 1-31-2020 SAR in Attachment 5, a 12/14/2019 lab sample pulled from the plant water used to make the spilled fertilizer has an arsenic content of 0.017 ppm. The material data sheet for the spilled fertilizer, Gator Excel CSL 7 shows no additional arsenic present.

Arsenic levels of 3.4 mg/kg and 5.7 mg/kg are shown in the sediment samples pulled last 10/14/2019 and 1/20/2021 respectively for the West Ditch Sediments. Based on the arsenic



content of less than 0.017 ppm in the spilled fertilizer, M&D believes the spilled fertilizer could not be the source of these arsenic levels. M&D also believes the 2.1 mg/kg residential SCTL for arsenic applies to soil and not to sediment. M&D requests Department guidance regarding an applicable cleanup target level for sediment in stormwater ditches.

**Table 2.0** – Groundwater Data, shows an arsenic level of 17.2 ug/l in TMW-W. M&D believes this arsenic contamination may be from the same source that caused elevated arsenic levels in the West Ditch Sediments.

**Table 2.0** also shows the 7/20/22 samples pulled from temporary monitor wells TMW-W ( R ) and TMW-E( R ) have manganese and iron levels are above their respective FDEP groundwater cleanup target levels.

Based on the iron level in background monitor well TMW-B, M&D believes the iron levels may be from another source or is naturally occurring. However, based on the iron content of the spilled fertilizer of 3.5%, the elevated iron in the groundwater sample from well TMW-W may still be attributed to the spilled fertilizer.

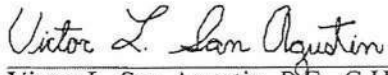
Elevated manganese levels in the groundwater may also be attributed to the spilled fertilizer. M&D recommends installation of additional temporary monitor wells to delineate horizontal and vertical extent of manganese contamination in the groundwater.

**Table 3** – Surface Water Data includes the lab result from the West Ditch Surface Water pulled last 9/1/2022. Iron in the West Ditch Surface Water sample was 698.0 ug/lit, above the background level of 171 I ug/lit. M&D recommends continuing to monitor, sample, and lab-analyze the West Ditch Surface Water for Iron while the horizontal and vertical extent of manganese contamination in the groundwater is being assessed.. Although iron is present in the spilled fertilizer, other sources of iron in the surface water may be present including naturally occurring iron and surrounding farmland.

**3.0 Certification by Responsible Authority:**

I certify under penalty of law that this document and all attachments were prepared under my direction *or* supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete.

 9/12/22  
Date  
Doug Peterson  
Compliance Officer  
Howard Fertilizer & Chemical Company, Inc.  
8306 South Orange Avenue  
Orlando, FL 32809

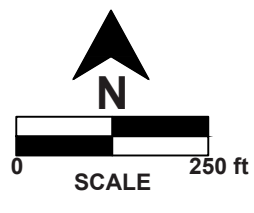
 9-12-22  
Date  
Victor L. San Agustin, P.E., C.H.M.M.  
Florida Professional Engineer No. 40226  
M & D Industrial Services, LLC.  
5896 Azalea Street  
Port Orange, FL 32127



## 4.0 Figures



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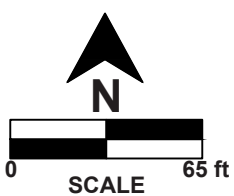
<b>HOWARD FERTILIZER &amp; CHEMICAL CO.</b>	
Spill Site - Approx 1/2 Mile South of SR82 and SR29 Corkscrew, Collier County, FL 34142	
Location of Spill Site	
PROJECT NO.:	E0091
DATE:	Jan 22, 2020
FIGURE 1	
<b>M&amp;D INDUSTRIAL SERVICES, LLC.</b>	
<small>3896 Azalea Street Port Orange, FL 32127 <a href="http://www.mdindustrialservices.com">www.mdindustrialservices.com</a></small>	



**NOTES/LEGEND:**

1. West Ditch Water was sampled on 9/1/22. Other magenta sample locations were sampled on 7/20/22.
2. Yellow sample locations were sampled previously.
3. See Tables 1, 2, and 3 for all sample results.

- ⊕ - Temporary monitor well
- - soil or sediment or ditch water sample. See ID's above.



**HOWARD FERTILIZER & CHEMICAL CO.**  
 Spill Site - Approx 1/2 Mile South of SR82 and SR29  
 Corkscrew, Collier County, FL 34142

Sample Locations

PROJECT NO.:	E0091	FIGURE 2
DATE:	Aug 31, 2022	

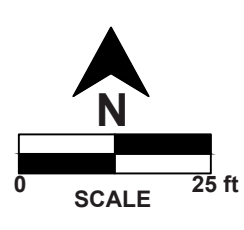
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[www.mdindustrialservices.com](http://www.mdindustrialservices.com)





TMW-W (34.177 ft-msl)

TMW-E (34.209 ft-msl)

TMW-B (34.67 ft-msl)



**LEGEND**  
 TMW-B - temporary monitor well B  
 - general direction of groundwater flow  
 (34.67 ft-msl) - ft above mean sea level


**HOWARD FERTILIZER & CHEMICAL CO.**  
 Spill Site - Approx 1/2 Mile South of SR82 and SR29  
 Corkscrew, Collier County, FL 34142

---

Groundwater Elevations & Direction of Groundwater Flow

PROJECT NO.:	E0091	FIGURE 3
DATE:	Aug 22, 2022	

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 **M&D INDUSTRIAL SERVICES, LLC.**  
3896 Azalea Street  
 Port Orange, FL 32127  
[www.mdindustrialservices.com](http://www.mdindustrialservices.com)

## **5.0 Tables**

**Table 1 - Summary of Soil and Sediment Lab Data  
Howard Fertilizer Spill Site  
Approx 1/2 Mile south of SR-29 & SR-82 Roundabout, Corkscrew, Collier County**

	Sample Date	Arsenic (mg/kg)	Beryllium (mg/kg)	Boron (mg/kg)	Cadmium (mg/kg)	Chromium (mg/kg)	Copper (mg/kg)	Fluoride (mg/kg)	Iron (mg/kg)	Lead (mg/kg)	Manganese (mg/kg)	Molybdenum (mg/kg)	Nickel (mg/kg)	Sodium (mg/kg)	Uranium (mg/kg)	Zinc (mg/kg)	Nitrogen, Ammonia (mg/kg)	Nitrogen, Nitrate (mg/kg)	Nitrogen, Nitrite (mg/kg)	Sulfate (mg/kg)
Background Soil	10/14/2019	0.56	0.033 I	1.7 U	0.024 U	2.1	1.2	1.4 U	859	5.1	2.0	0.024 U	0.53 I	24 U	ND	3.2	30.5	2.8 U	2.8 U	34.0 U
Sediment Next to Soil B	7/20/2022	0.87																		
West Soil, 0-1 ft BLS	10/14/2019	2.1	0.039 I	53.1	0.021 U	2.5	1.9	3.0 I	2,050.0	20.6	9.4	0.081 I	0.78 I	36.6 I	ND	10.2	69.9	2.8 U	2.8 U	252.0
West Soil, 1-2 ft BLS	10/14/2019	1.2	0.028 U	1.9 U	0.028 U	1.5	3.8	1.5 U	1,030.0	4.8	42.6	0.32 I	0.62 I	38.5 I	9.31	49.6	15	3.0 U	3.0 U	440.0
West Ditch Sediments	10/14/2019	<b>3.4</b>	0.21 I	4.3 U	0.061 I	10.3	22.2	3.7 U	4,770.0	8.1	292	0.39 I	3.8 I	232 I	9.47 J	362.0	276.0	7.4 U	7.4 U	1,190.0
	1/20/2021	<b>5.7</b>																		
East Soil, 0-1 ft BLS	10/14/2019	0.51	0.051 I	10.9 I	0.067 I	5.8	9.6	1.4 U	1,300.0	19.8	249	0.27 I	2.8	70.8 I	3.87 J	276.0	183.0	10.8	2.9 U	1,240.0
East Soil, 1-2 ft BLS	10/14/2019	0.13 I	0.026 U	1.7 U	0.026 U	0.20 I	0.094 I	1.4 U	134.0	0.21 I	0.26 I	0.026 U	0.073 I	26.0 U	1.84 J	0.22 I	17.5	3.6 I	2.9 U	34.0 U
East Ditch Sediments	10/14/2019	2.2	0.12 I	10.2 I	0.14 I	12.0	77.1	8.1 I	2,010.0	27.2	36.2	0.73 I	3.2 I	207 I	10.8 J	48.4	24.6	10.0 U	10.0 U	120.0 U
	1/20/2021	0.91																		
Ditch Water B Sediment	7/20/2022	0.26 I																		
<b>Residential SCTL</b>		<b>2.1</b>	<b>120.0</b>	<b>17,000.0</b>	<b>82.0</b>	<b>210.0</b>	<b>150.0</b>	<b>840.0</b>	<b>53,000.0</b>	<b>400.0</b>	<b>3,500.0</b>	<b>440.0</b>	<b>340.0</b>		<b>110.0</b>	<b>26,000.0</b>	<b>35,000.0</b>	<b>140,000.0</b>	<b>8,700.0</b>	
<b>Industrial SCTL</b>		<b>12.0</b>	<b>1,400.0</b>	<b>430,000.0</b>	<b>1,700.0</b>	<b>470.0</b>	<b>89,000.0</b>	<b>130,000.0</b>	<b>*</b>	<b>1,400.0</b>	<b>43,000.0</b>	<b>11,000.0</b>	<b>35,000.0</b>		<b>820.0</b>	<b>630,000.0</b>	<b>880,000.0</b>	<b>*</b>	<b>220,000.0</b>	
<b>Alternate SCTL</b>														<b>20,000.00</b>						<b>2,200.00</b>
<b>Leachability SCTL</b>		<b>***</b>	<b>63.0</b>	<b>***</b>	<b>7.5</b>	<b>38.0</b>	<b>***</b>	<b>6,000.0</b>	<b>***</b>	<b>***</b>	<b>***</b>	<b>***</b>	<b>130</b>	<b>320,000.00</b>	<b>***</b>	<b>***</b>	<b>***</b>	<b>***</b>	<b>***</b>	<b>None</b>

\* Contaminant is not a health concern for this exposure scenario.

\*\*\* Leachability values may be derived using the SPLP Test to calculate site specific SCTLs or may be determined using TCLP in the event oily wastes are present.



**Table 2 - Summary of Groundwater Lab Data**  
**Corkscrew Spill Site**  
**Approx. 1/2 Mile South of SR29 and SR82, Corkscrew, Collier County**

Sample Date	Arsenic (ug/l)	Beryllium (ug/l)	Boron <sup>+</sup> (ug/l)	Cadmium (ug/l)	Chromium (ug/l)	Copper (ug/l)	Fluoride (ug/l)	Iron (ug/l)	Lead (ug/l)	Manganese (ug/l)	Molybdenum (ug/l)	Nickel (ug/l)	Sodium (ug/l)	Uranium (ug/l)	Zinc (ug/l)	Nitrogen, Ammonia (ug/l)	Nitrogen, Nitrate (ug/l)	Nitrogen, Nitrite (ug/l)	Sulfate (ug/l)	
TMW-W	10/31/2019	14.2	0.20 U	291.0	0.20 U	2.0 I	1.0 U	560.0 I	12,900.0	9.8	55.1	4.1 IB	26.2 I	28,000.0	10.3 J	54.8	1,800.0	250 U	250 U	43,600.0
TMW-W( R )	7/20/2022	17.2						3,520.0		189.0										
TMW-E	10/31/2019	1.3 U	0.20 U	63.0 U	0.20 U	1.8 I	1.0 U	260	864.0	4.6 I	106.0	3.6 IB	0.40 U	2,270 I	10.3 J	42.7	170 I	50.0 U	50.0 U	8,100.0
TMW-E( R )	7/20/2022	2.1 I						2,100.0		6,600.0										
TMW-B	10/31/2019	1.3 U	0.20 U	74.1 I	0.20 U	2.3 I	1.0 U	470.0	4,170.0	4.6 I	28.9	0.90 IB	0.40 U	23,800.0	8.78 U	4.4 U	500.0	50.0 U	50.0 U	5,000.0
GCTL		10.0	4.0	None	5.00	100.0	1,000.0	4000.0	300.0	15.0	50.0	None	100.0	160,000.0	30.0	5,000.0	None	10,000.0	1,000.0	250,000.0

**Table 3 - Summary of Surface Water Lab Data  
Corkscrew Spill Site  
Approx. 1/2 Mile South of SR29 and SR82, Corkscrew, Collier County**

	Sample Date	Arsenic (ug/l)	Beryllium (ug/l)	Boron * (ug/l)	Cadmium (ug/l)	Chromium (ug/l)	Copper (ug/l)	Fluoride (ug/l)	Iron (ug/l)	Lead (ug/l)	Manganese (ug/l)	Molybdenum (ug/l)	Nickel (ug/l)	Sodium (ug/l)	Uranium (ug/l)	Zinc (ug/l)	Nitrogen, Ammonia (ug/l)	Nitrogen, Nitrate (ug/l)	Nitrogen, Nitrite (ug/l)	Sulfate (ug/l)
West Ditch Water	10/14/2019	3.2 I	0.20 U	367.0	0.20 U	1.3 I	1.8 I	0.30 U	2,240.0	1.1 U	462.0	2.1 I	10.6 I	22,500.0	14.5	65.0	0.28	0.25 U	0.25 U	23.6
	1/20/2021						6.6 I		1,350.0											
	9/1/2022								698.0											
East Ditch Water	10/14/2019	5.1 I	0.20 U	63.0 U	0.20 U	1.0 U	29.5	0.30 U	4,160.0	1.1 U	1,460.0	0.30 U	0.90 I	27,300.0	15.4	54.8	0.060 U	0.25 U	0.25 U	3.0 U
	1/20/2021							1.8 I	170 I (Note 8)											
Northeast Ditch Water	10/31/2019	2.9 I	0.20 U	75.9 I	0.20 U	1.0 U	1.0 U	280	171 I (Note 8)	4.0 I	45.7	0.30 U	0.40 U	13,200.0	2.96 U	5.6 I	62.0 I	260	50 U	5,600.0
Class III Surface Water Standard		50.0	0.1 annual ave	None	0.10 or 0.76	11.0 (Note 2)	2.9 or 30.5	10.0	1.0	0.5 or 18.6	None	None	16.1 or 168.5	None	None	37.0 or 387.8	310.6	None	None	None
	Class III West Ditch Water Surface Water Standard				0.58		23.5			11.6			123.5			284.1				
Class III East Ditch Water Surface Water Standard					0.56 (Note 1)		19.1 (Note 3)			11.0 (Note 4)			119.0 (Note 5)			273.6 (Note 6)				

Note 1 - Cd is 0.1 if hardness is set at 25 mg/l. Cd is 0.76 if hardness is set at 400.0 mg/l. Lab report fa68973R shows West Ditch water hardness tested 277 mg/l and East Ditch water hardness tested 265 mg/l.

Note 2 - Applies to hexavalent chromium

Note 3 - Cu is 2.9 if hardness is set at 25 mg/l. Cu is 30.5 if hardness is set at 400 mg/lit. Lab report FA82481 shows West Ditch water hardness tested 295 mg/l and East Ditch water hardness tested 231 mg/l.

Note 4 - Pb is 0.5 if hardness is set at 25 mg/l. Pb is 18.6 if hardness is set at 400 mg/lit. Lab report fa68973R shows West Ditch water hardness tested 277 mg/l and East Ditch water hardness tested 265 mg/l.

Note 5 - Ni is 16.1 if hardness is set at 25 mg/l. Ni is 168.5 if hardness is set at 400 mg/lit. Lab report fa68973R shows West Ditch water hardness tested 277 mg/l and East Ditch water hardness tested 265 mg/l.

Note 6 - Zinc is 37.0 if hardness is set at 25 mg/l. Zinc is 387.8 if hardness is set at 400 mg/lit. Lab report fa68973R shows West Ditch water hardness tested 277 mg/l and East Ditch water hardness tested 265 mg/l.

Note 7 - Lab report fa68973R shows pH of West Ditch water sample was 7.15 and pH of East Ditch water sample was 7.36. Nitrogen, Ammonia standard shown is based on a pH of 7.15

Note 8 - Lab result is below the the lab Practical Quantitative Limit (PQL) of 300 ug/lit.

Temp deg C 28.0  
pH 7.15  
(Note 7)

**Table 4 - Monitor Well Water Levels  
Howard Fertilizer - Corkscrew Spill Site  
on SR29 Est 1/2 Mile South of SR-82 and SR-29 Roundabout  
Corkscrew, Florida**

<b>Well ID</b>	<b>TMW-B</b>	<b>TMW-W</b>	<b>TMW-E</b>
Northing Coordinate	779612.417	779909.701	779898.882
Easting Coordinate	513981.255	513977.402	514059.489
Inside Diameter	2 in	2 in	2 in
Top of Casing Elevation (ft)	36.89	38.697	38.109
Depth to Water (ft)	2.22	4.52	3.9
Total Depth (ft)	5.29'	5.30'	5.03'
Water Elevation (ft)	34.67	34.177	34.209

## **6.0 Attachments**

**Attachment 1 –  
July 20, 2021 Email  
from FDEP South District**

## Victor San Agustin

---

**From:** Popidinski, Morgan <Morgan.Popidinski@FloridaDEP.gov>  
**Sent:** Tuesday, July 20, 2021 11:01 AM  
**To:** VSanAgustin@mdindustrialservices.com  
**Cc:** Hardman, Natalie; Maier, Gary  
**Subject:** SAR Response, Howard Fertilizer, ERIC\_15319

Victor San Agustin, M&D Industrial Services, LLC., [VSanAgustin@mdindustrialservices.com](mailto:VSanAgustin@mdindustrialservices.com)

RE: Site Assessment Report  
Howard Fertilizer Road Spill  
½ Mile South of SR-29 and SR-82  
Immokalee, Collier County, FL  
FDEP Facility ID# ERIC\_15319

Dear Mr. San Agustin:

Thank you for submitting the above-referenced report dated March 10, 2021.

The Department has completed its technical review of this report. Sediment and surface water samples were collected from the East and West Ditches as well as a background surface water sample from Ditch Water-B. Sediment samples were analyzed for Arsenic and Surface Water samples were analyzed for Copper and Iron. Based on laboratory analytical results, elevated levels of Arsenic in the sediment samples and Iron in the West Ditch Water were identified. Based on the background surface water collected, the sample collected from the East Ditch Water was below the background level. M&D has made the following recommendations:

- M&D has recommended discontinuation of soil sampling. Additionally, discontinuation of surface water sampling for copper. The Department has no objection to these recommendations.
- During road construction activities at the site, TMW-E and TMW-W were destroyed. As such, groundwater sampling was unable to be performed. M&D has recommended sampling from TMW-E, -W and -B following the completion of road construction. The Department has no objection to this recommendation.
- M&D has recommended another sampling event from the West Ditch Water for Iron. The Department has no objection to this recommendation.
- M&D has recommended performing background sediment samples at "Soil B" and Ditch Water – B" for Arsenic in order to determine background Arsenic levels. The Department has no objection to this recommendation.

Whenever possible, please submit all written electronic response(s) to [FTM.Tanks.Cleanup@dep.state.fl.us](mailto:FTM.Tanks.Cleanup@dep.state.fl.us).

Kind regards,



**Morgan Popidinski**

Environmental Specialist I  
South District

Florida Department of Environmental Protection

[Morgan.Popidinski@FloridaDEP.gov](mailto:Morgan.Popidinski@FloridaDEP.gov)

Office: (239) 344-5706



**Attachment 2 –  
Construction Logs for  
Replacement Temporary Monitor Wells**



# RECORD OF WELL DRILLING, CONSTRUCTION, AND COMPLETION

Howard Fertilizer  
Spill Site-Corkscrew

SITE ID TMW-W(R) STATION NAME Howard Fertilizer Spill Site-Corkscrew OTHER ID TMW-W(R)

7.5' QUAD N/A COUNTY Collier County STATE Florida

OWNER Howard Fertilizer & Chemical Co. DRILLER Temporary Monitor Well by M&D Industrial Services, LLC

## WELL DRILLING

START DRILLING: DATE 06 / 29 / 2022 TIME 11 : 00 am EST

COMPLETE DRILLING: DATE 06 / 29 / 2022 TIME 11 : 20 am EST

## EQUIPMENT/MATERIALS DECONTAMINATION PROCEDURES:

DETERGENT WASH Alconox/Water; STEAM CLEANED N/A; OTHER N/A

## DRILLING METHOD:

AUGER (TYPE: Hand Auger);  ROTARY (TYPE: \_\_\_\_\_)

PERCUSSION (TYPE: \_\_\_\_\_);  OTHER \_\_\_\_\_

## BOREHOLE DATA:

BOREHOLE DIAMETER: 4.0 inches; TOTAL DEPTH OF BOREHOLE: 4.00 feet;

APPROXIMATE DEPTH TO THE WATER TABLE: 1.0 feet

MATERIAL DESCRIPTION				FROM	TO	THICKNESS
SAND, SILT, CLAY ETC	SORTING	COLOR	WET/DRY	feet	feet	feet
Sand	---	Black	Dry	0	1.0	1.0
Sand	---	White	Wet	1.0	3.0	2.0
Sand	---	Brown	Wet	3.0	4.0	1.0

**Figure 8.** Examples of forms used to record well-drilling, -construction, and -completion information, and to diagram well construction.

# RECORD OF WELL DRILLING, CONSTRUCTION, AND COMPLETION

Howard Fertilizer

SITE ID TMW-E(R) STATION NAME Spill Site-Corkscrew OTHER ID TMW-East

7.5 QUAD N/A COUNTY Collier County STATE Florida

OWNER Howard Fertilizer & Chemical Co. DRILLER Temporary Monitor Well by M&D Industrial Services, LLC

## WELL DRILLING

START DRILLING: DATE 06 / 29 / 2022 TIME 11 : 30 am EST

COMPLETE DRILLING: DATE 06 / 29 / 2022 TIME 11 : 50 am EST

## EQUIPMENT/MATERIALS DECONTAMINATION PROCEDURES:

DETERGENT WASH Alconox/Water; STEAM CLEANED N/A; OTHER N/A

## DRILLING METHOD:

AUGER (TYPE: Hand Auger);  ROTARY (TYPE: \_\_\_\_\_)

PERCUSSION (TYPE: \_\_\_\_\_);  OTHER \_\_\_\_\_

## BOREHOLE DATA:

BOREHOLE DIAMETER: 4.0 inches; TOTAL DEPTH OF BOREHOLE: 4.5 feet;

APPROXIMATE DEPTH TO THE WATER TABLE: 1.0 feet Well Screen - 0 to 4.5 ft bls

MATERIAL DESCRIPTION				FROM	TO	THICKNESS
SAND, SILT, CLAY ETC	SORTING	COLOR	WET/DRY	feet	feet	feet
Sand	---	Grey to Black	Dry	0	2.5	2.5
Sand	---	Black & White	Wet	2.5	4.0	1.5
Sand	---	Black	Wet	4.0	4.0	0.0

**Figure 8.** Examples of forms used to record well-drilling, -construction, and -completion information, and to diagram well construction.

**Attachment 3 –  
Monitor Well Sampling Logs**



**DEP Form FD 9000-24: GROUNDWATER SAMPLING LOG**

SITE NAME: <b>Howard Fertilizer Spill</b>		SITE LOCATION: <b>Approx 1/2 mile South of SR29 and SR82, Corkscrew,</b>	
WELL NO: <b>TMW-E(R)</b>		SAMPLE ID: <b>TMW-E</b>	
DATE: <b>07-20-2022</b>			

**PURGING DATA**

WELL DIAMETER (inches): <b>2 in</b>		TUBING DIAMETER (inches): <b>3/8</b>		WELL SCREEN INTERVAL DEPTH: <b>0 feet to 5.0 feet</b>		STATIC DEPTH TO WATER (feet): <b>3.90</b>		PURGE PUMP TYPE OR BAILER: <b>PP</b>			
<b>WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY</b> (only fill out if applicable) $= ( 5.30 \text{ feet} - 4.52 \text{ feet} ) \times 0.16 \text{ gallons/foot} = 0.12 \text{ gallons}$											
<b>EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME</b> (only fill out if applicable) $= 0.01 \text{ gallons} + ( 0.006 \text{ gallons/foot} \times 7.0 \text{ feet} ) + 0.25 \text{ gallons} = 0.3 \text{ gallons}$											
INITIAL PUMP OR TUBING DEPTH IN WELL (feet): <b>5.0</b>			FINAL PUMP OR TUBING DEPTH IN WELL (feet): <b>5.0</b>			PURGING INITIATED AT: <b>1055</b>		PURGING ENDED AT: <b>1130</b>		TOTAL VOLUME PURGED (gallons): <b>1.5</b>	
TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) $\mu\text{mhos/cm}$ or $\mu\text{S/cm}$	DISSOLVED OXYGEN (circle units) $\text{mg/L}$ or % saturation	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
1100	0.5	0.5	0.1	3.9	7.12	29.14	821	6.22	18.76	None	None
1114	0.5	1.0	0.1	3.9	7.23	29.24	842	6.33	10.22	None	None
1126	0.5	1.5	0.1	3.9	7.15	29.22	836	6.38	9.84	None	None
<b>WELL CAPACITY</b> (Gallons Per Foot): <b>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</b> <b>TUBING INSIDE DIA. CAPACITY</b> (Gal./Ft.): <b>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</b> <b>PURGING EQUIPMENT CODES:</b> <b>B</b> = Bailer; <b>BP</b> = Bladder Pump; <b>ESP</b> = Electric Submersible Pump; <b>PP</b> = Peristaltic Pump; <b>O</b> = Other (Specify)											

**SAMPLING DATA**

SAMPLED BY (PRINT) / AFFILIATION: <b>Victor San Agustin / M&amp;D Industrial Services, LLC</b>				SAMPLER(S) SIGNATURE(S): <i>Victor L. San Agustin</i>				SAMPLING INITIATED AT: <b>1132</b>		SAMPLING ENDED AT: <b>1140</b>		
PUMP OR TUBING DEPTH IN WELL (feet): <b>5.0</b>				TUBING MATERIAL CODE: <b>LDPE</b>				FIELD-FILTERED: Y <input checked="" type="checkbox"/> <b>N</b>		FILTER SIZE: _____ $\mu\text{m}$		
FIELD DECONTAMINATION: PUMP Y <input checked="" type="checkbox"/> <b>N</b>				TUBING Y <input checked="" type="checkbox"/> <b>N (replaced)</b>				DUPLICATE: Y <input checked="" type="checkbox"/> <b>N</b>				
SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION (including <b>wet ice</b> )				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	As, Fe, Mn		APP		~ 0.1 gpm	
<b>TMW-E</b>	<b>2</b>	<b>Plastic</b>	<b>250 ml</b>	<b>HNO3</b>	<b>N/A</b>	<b>N/A</b>						
REMARKS:												
<b>MATERIAL CODES:</b> <b>AG</b> = Amber Glass; <b>CG</b> = Clear Glass; <b>HDPE</b> = High Density Polyethylene; <b>LDPE</b> = Low Density Polyethylene; <b>PP</b> = Polypropylene; <b>S</b> = Silicone; <b>T</b> = Teflon; <b>O</b> = Other (Specify)												
<b>SAMPLING EQUIPMENT CODES:</b> <b>APP</b> = After (Through) Peristaltic Pump; <b>B</b> = Bailer; <b>BP</b> = Bladder Pump; <b>ESP</b> = Electric Submersible Pump; <b>RFPP</b> = Reverse Flow Peristaltic Pump; <b>SM</b> = Straw Method (Tubing Gravity Drain); <b>O</b> = 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)

**Attachment 4 –  
Lab Report**

The results set forth herein are provided by SGS North America Inc.

*e-Hardcopy 2.0*  
*Automated Report*

**Technical Report for**

**M & D Industrial Services, LLC**

**Howard Fertilizer; SR 29 & SR 82, Corkscrew, FL**

**E0091**

**SGS Job Number: FA97452**

**Sampling Date: 07/20/22**



**Report to:**

**M & D Industrial Services, LLC**  
**5896 Azalea St**  
**Port Orange, FL 32127**  
**vsanagustin@mdindustrialservices.com; dschill@mdindustrialservices.com**  
**ATTN: Don Schill**

**Total number of pages in report: 25**



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: Dwayne Foster 407-425-6700**

Certifications: FL(E83510), LA(03051), KS(E-10327), NC(573), NJ(FL002), NY(12022), SC(96038001)  
DoD ELAP(ANAB L2229), AZ(AZ0806), CA(2937), TX(T104704404), PA(68-03573), VA(460177),  
AL, AK, AR, CT, IA, KY, MA, MI, MS, ND, NH, NV, OK, OR, IL, UT, VT, WA, WI, WV  
This report shall not be reproduced, except in its entirety, without the written approval of SGS.  
Test results relate only to samples analyzed.

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## Sample Summary

M & D Industrial Services, LLC

Job No: FA97452

Howard Fertilizer; SR 29 & SR 82, Corkscrew, FL  
Project No: E0091

Sample Number	Collected Date	Time By	Received	Matrix Code	Type	Client Sample ID
FA97452-1	07/20/22	10:45 VA	07/20/22	AQ	Ground Water	TMW-W
FA97452-2	07/20/22	11:32 VA	07/20/22	AQ	Ground Water	TMW-E
FA97452-3	07/20/22	11:45 VA	07/20/22	SO	Sediment	DITCHWATER SEDIMENT
FA97452-4	07/20/22	11:55 VA	07/20/22	SO	Sediment	SEDIMENT NEAR SOIL B

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Soil samples reported on a dry weight basis unless otherwise indicated on result page.

## Summary of Hits

**Job Number:** FA97452  
**Account:** M & D Industrial Services, LLC  
**Project:** Howard Fertilizer; SR 29 & SR 82, Corkscrew, FL  
**Collected:** 07/20/22

2

Lab Sample ID	Client Sample ID	Result/ Qual	PQL	MDL	Units	Method
<b>FA97452-1</b>	<b>TMW-W</b>					
Arsenic		17.2	10	1.3	ug/l	SW846 6010D
Iron		3520	300	17	ug/l	SW846 6010D
Manganese		189	15	1.0	ug/l	SW846 6010D
<b>FA97452-2</b>	<b>TMW-E</b>					
Arsenic		2.1 I	10	1.3	ug/l	SW846 6010D
Iron		2100	300	17	ug/l	SW846 6010D
Manganese		6600	75	5.0	ug/l	SW846 6010D
<b>FA97452-3</b>	<b>DITCHWATER SEDIMENT</b>					
Arsenic		0.26 I	0.59	0.12	mg/kg	SW846 6010D
<b>FA97452-4</b>	<b>SEDIMENT NEAR SOIL B</b>					
Arsenic		0.87	0.62	0.12	mg/kg	SW846 6010D

Sample Results

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Report of Analysis

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## Report of Analysis

<b>Client Sample ID:</b> TMW-W	<b>Date Sampled:</b> 07/20/22
<b>Lab Sample ID:</b> FA97452-1	<b>Date Received:</b> 07/20/22
<b>Matrix:</b> AQ - Ground Water	<b>Percent Solids:</b> n/a
<b>Project:</b> Howard Fertilizer; SR 29 & SR 82, Corkscrew, FL	

### Total Metals Analysis

Analyte	Result	PQL	MDL	Units	DF	Prep	Analyzed By	Method	Prep Method
Arsenic	17.2	10	1.3	ug/l	1	07/21/22	07/22/22 LM	SW846 6010D <sup>1</sup>	SW846 3010A <sup>2</sup>
Iron	3520	300	17	ug/l	1	07/21/22	07/22/22 LM	SW846 6010D <sup>1</sup>	SW846 3010A <sup>2</sup>
Manganese	189	15	1.0	ug/l	1	07/21/22	07/22/22 LM	SW846 6010D <sup>1</sup>	SW846 3010A <sup>2</sup>

(1) Instrument QC Batch: MA18817

(2) Prep QC Batch: MP40993

PQL = Practical Quantitation Limit  
 MDL = Method Detection Limit

U = Indicates a result < MDL  
 I = Indicates a result > = MDL but < PQL

# Report of Analysis

<b>Client Sample ID:</b> TMW-E	<b>Date Sampled:</b> 07/20/22
<b>Lab Sample ID:</b> FA97452-2	<b>Date Received:</b> 07/20/22
<b>Matrix:</b> AQ - Ground Water	<b>Percent Solids:</b> n/a
<b>Project:</b> Howard Fertilizer; SR 29 & SR 82, Corkscrew, FL	

## Total Metals Analysis

Analyte	Result	PQL	MDL	Units	DF	Prep	Analyzed By	Method	Prep Method
Arsenic	2.1 I	10	1.3	ug/l	1	07/21/22	07/22/22 LM	SW846 6010D <sup>1</sup>	SW846 3010A <sup>3</sup>
Iron	2100	300	17	ug/l	1	07/21/22	07/22/22 LM	SW846 6010D <sup>1</sup>	SW846 3010A <sup>3</sup>
Manganese	6600	75	5.0	ug/l	5	07/21/22	07/25/22 LM	SW846 6010D <sup>2</sup>	SW846 3010A <sup>3</sup>

(1) Instrument QC Batch: MA18817

(2) Instrument QC Batch: MA18819

(3) Prep QC Batch: MP40993

PQL = Practical Quantitation Limit  
MDL = Method Detection Limit

U = Indicates a result < MDL  
I = Indicates a result > = MDL but < PQL

## Report of Analysis

<b>Client Sample ID:</b> DITCHWATER SEDIMENT		<b>Date Sampled:</b> 07/20/22
<b>Lab Sample ID:</b> FA97452-3		<b>Date Received:</b> 07/20/22
<b>Matrix:</b> SO - Sediment		<b>Percent Solids:</b> 76.4
<b>Project:</b> Howard Fertilizer; SR 29 & SR 82, Corkscrew, FL		

### Metals Analysis

Analyte	Result	PQL	MDL	Units	DF	Prep	Analyzed By	Method	Prep Method
Arsenic	0.26 I	0.59	0.12	mg/kg	1	07/23/22	07/25/22 LM	SW846 6010D <sup>1</sup>	SW846 3050B <sup>2</sup>

(1) Instrument QC Batch: MA18820

(2) Prep QC Batch: MP41004

PQL = Practical Quantitation Limit  
 MDL = Method Detection Limit

U = Indicates a result < MDL  
 I = Indicates a result > = MDL but < PQL

## Report of Analysis

<b>Client Sample ID:</b>	SEDIMENT NEAR SOIL B	<b>Date Sampled:</b>	07/20/22
<b>Lab Sample ID:</b>	FA97452-4	<b>Date Received:</b>	07/20/22
<b>Matrix:</b>	SO - Sediment	<b>Percent Solids:</b>	73.1
<b>Project:</b>	Howard Fertilizer; SR 29 & SR 82, Corkscrew, FL		

### Metals Analysis

Analyte	Result	PQL	MDL	Units	DF	Prep	Analyzed By	Method	Prep Method
Arsenic	0.87	0.62	0.12	mg/kg	1	07/23/22	07/25/22 LM	SW846 6010D <sup>1</sup>	SW846 3050B <sup>2</sup>

(1) Instrument QC Batch: MA18820

(2) Prep QC Batch: MP41004

PQL = Practical Quantitation Limit  
MDL = Method Detection Limit

U = Indicates a result < MDL  
I = Indicates a result > = MDL but < PQL

Misc. Forms

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Custody Documents and Other Forms

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Includes the following where applicable:

- Chain of Custody





## SGS Sample Receipt Summary

Job Number: FA97452

Client: M+D INDUSTRIAL SERVICES

Project: HOWARD FERT-CORKSCREW SPILLSITE

Date / Time Received: 7/20/2022 3:54:00 PM

Delivery Method: DO

Airbill #s:

Therm ID: IR 1;

Therm CF: 0.4;

# of Coolers: 1

Cooler Temps (Raw Measured) °C: Cooler 1: (3.8);

Cooler Temps (Corrected) °C: Cooler 1: (4.2);

**Cooler Information**

Y or N

- 1. Custody Seals Present
- 2. Custody Seals Intact
- 3. Temp criteria achieved
- 4. Cooler temp verification IR Gun
- 5. Cooler media Ice (Bag)

**Trip Blank Information**

Y or N N/A

- 1. Trip Blank present / cooler
  - 2. Trip Blank listed on COC
- W or S N/A
- 3. Type Of TB Received

**Sample Information**

Y or N N/A

- 1. Sample labels present on bottles
- 2. Samples preserved properly
- 3. Sufficient volume/containers recvd for analysis:
- 4. Condition of sample Intact
- 5. Sample recvd within HT
- 6. Dates/Times/IDs on COC match Sample Label
- 7. VOCs have headspace
- 8. Bottles received for unspecified tests
- 9. Compositing instructions clear
- 10. Voa Soil Kits/Jars received past 48hrs?
- 11. % Solids Jar received?
- 12. Residual Chlorine Present?

**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 230315 pH 10-12 219813A Other: (Specify) \_\_\_\_\_  
 Residual Chlorine Test Strip Lot #: \_\_\_\_\_

Comments

SM001  
Rev. Date 05/24/17

Technician: ZANEB

Date: 7/20/2022 3:54:00 PM

Reviewer:

Date:

FA97452: Chain of Custody

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4.1  
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## Metals Analysis

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### QC Data Summaries

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Includes the following where applicable:

- Method Blank Summaries
- Matrix Spike and Duplicate Summaries
- Blank Spike and Lab Control Sample Summaries
- Serial Dilution Summaries

BLANK RESULTS SUMMARY  
Part 2 - Method Blanks

Login Number: FA97452  
Account: MDIFLPO - M & D Industrial Services, LLC  
Project: Howard Fertilizer; SR 29 & SR 82, Corkscrew, FL

QC Batch ID: MP40993  
Matrix Type: AQUEOUS

Methods: SW846 6010D  
Units: ug/l

Prep Date: 07/21/22

Metal	RL	IDL	MDL	MB raw	final
Aluminum	200	14	14		
Antimony	6.0	1	1		
Arsenic	10	1.3	1.3	-0.40	<10
Barium	200	.5	1		
Beryllium	4.0	.1	.2		
Cadmium	5.0	.1	.2		
Calcium	1000	50	50		
Chromium	10	.5	1		
Cobalt	50	.2	.2		
Copper	25	1	1		
Iron	300	15	17	2.3	<300
Lead	5.0	1	1.1		
Magnesium	5000	35	35		
Manganese	15	.25	1	0.10	<15
Molybdenum	50	.3	.3		
Nickel	40	.4	.4		
Potassium	10000	100	200		
Selenium	10	2	2.9		
Silver	10	.5	.7		
Sodium	10000	250	500		
Strontium	10	.25	.5		
Thallium	10	1	1.4		
Tin	50	.5	1		
Titanium	10	.5	1		
Vanadium	50	.5	.6		
Zinc	20	3	4.4		

Associated samples MP40993: FA97452-1, FA97452-2

Results < IDL are shown as zero for calculation purposes  
(\* ) Outside of QC limits  
(anr) Analyte not requested

5.1.1  
5

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: FA97452  
 Account: MDIFLPO - M & D Industrial Services, LLC  
 Project: Howard Fertilizer; SR 29 & SR 82, Corkscrew, FL

QC Batch ID: MP40993  
 Matrix Type: AQUEOUS

Methods: SW846 6010D  
 Units: ug/l

Prep Date: 07/21/22 07/21/22

Metal	FA97452-1 Original	DUP	RPD	QC Limits	FA97452-1 Original MS	Spikelot MPFLICP2	% Rec	QC Limits	
Aluminum	anr								
Antimony	anr								
Arsenic	17.2	17.1	0.6	0-20	17.2	1880	2000	93.1	80-120
Barium	anr								
Beryllium	anr								
Cadmium	anr								
Calcium	anr								
Chromium	anr								
Cobalt	anr								
Copper	anr								
Iron	3520	3430	2.6	0-20	3520	27300	26000	91.5	80-120
Lead	anr								
Magnesium	anr								
Manganese	189	187	1.1	0-20	189	668	500	95.8	80-120
Molybdenum	anr								
Nickel	anr								
Potassium									
Selenium	anr								
Silver	anr								
Sodium	anr								
Strontium									
Thallium	anr								
Tin	anr								
Titanium									
Vanadium	anr								
Zinc	anr								

Associated samples MP40993: FA97452-1, FA97452-2

Results < IDL are shown as zero for calculation purposes  
 (\*) Outside of QC limits  
 (N) Matrix Spike Rec. outside of QC limits  
 (anr) Analyte not requested

5.1.2  
5

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: FA97452  
 Account: MDIFLPO - M & D Industrial Services, LLC  
 Project: Howard Fertilizer; SR 29 & SR 82, Corkscrew, FL

QC Batch ID: MP40993  
 Matrix Type: AQUEOUS

Methods: SW846 6010D  
 Units: ug/l

Prep Date: 07/21/22

Metal	FA97452-1 Original MSD		SpikeLot MPFLICP2 % Rec		MSD RPD	QC Limit
Aluminum	anr					
Antimony	anr					
Arsenic	17.2	1910	2000	94.6	1.6	20
Barium	anr					
Beryllium	anr					
Cadmium	anr					
Calcium	anr					
Chromium	anr					
Cobalt	anr					
Copper	anr					
Iron	3520	27800	26000	93.4	1.8	20
Lead	anr					
Magnesium	anr					
Manganese	189	670	500	96.2	0.3	20
Molybdenum	anr					
Nickel	anr					
Potassium						
Selenium	anr					
Silver	anr					
Sodium	anr					
Strontium						
Thallium	anr					
Tin	anr					
Titanium						
Vanadium	anr					
Zinc	anr					

Associated samples MP40993: FA97452-1, FA97452-2

Results < IDL are shown as zero for calculation purposes  
 (\*) Outside of QC limits  
 (N) Matrix Spike Rec. outside of QC limits  
 (anr) Analyte not requested

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: FA97452  
 Account: MDIFLPO - M & D Industrial Services, LLC  
 Project: Howard Fertilizer; SR 29 & SR 82, Corkscrew, FL

QC Batch ID: MP40993  
 Matrix Type: AQUEOUS

Methods: SW846 6010D  
 Units: ug/l

Prep Date: 07/21/22

Metal	BSP Result	Spikelot MPFLICP2	% Rec	QC Limits
Aluminum	anr			
Antimony	anr			
Arsenic	1810	2000	90.5	80-120
Barium	anr			
Beryllium	anr			
Cadmium	anr			
Calcium	anr			
Chromium	anr			
Cobalt	anr			
Copper	anr			
Iron	24700	26000	95.0	80-120
Lead	anr			
Magnesium	anr			
Manganese	500	500	100.0	80-120
Molybdenum	anr			
Nickel	anr			
Potassium				
Selenium	anr			
Silver	anr			
Sodium	anr			
Strontium				
Thallium	anr			
Tin	anr			
Titanium				
Vanadium	anr			
Zinc	anr			

Associated samples MP40993: FA97452-1, FA97452-2

Results < IDL are shown as zero for calculation purposes  
 (\*) Outside of QC limits  
 (anr) Analyte not requested

5.1.3  
5

SERIAL DILUTION RESULTS SUMMARY

Login Number: FA97452  
 Account: MDIFLPO - M & D Industrial Services, LLC  
 Project: Howard Fertilizer; SR 29 & SR 82, Corkscrew, FL

QC Batch ID: MP40993  
 Matrix Type: AQUEOUS

Methods: SW846 6010D  
 Units: ug/l

Prep Date: 07/21/22

Metal	FA97452-1	Original	SDL 1:5	%DIF	QC Limits
Aluminum	anr				
Antimony	anr				
Arsenic	17.2	16.7	2.9	0-10	
Barium	anr				
Beryllium	anr				
Cadmium	anr				
Calcium	anr				
Chromium	anr				
Cobalt	anr				
Copper	anr				
Iron	3520	3530	0.3	0-10	
Lead	anr				
Magnesium	anr				
Manganese	189	192	1.6	0-10	
Molybdenum	anr				
Nickel	anr				
Potassium					
Selenium	anr				
Silver	anr				
Sodium	anr				
Strontium					
Thallium	anr				
Tin	anr				
Titanium					
Vanadium	anr				
Zinc	anr				

Associated samples MP40993: FA97452-1, FA97452-2

Results < IDL are shown as zero for calculation purposes  
 (\*) Outside of QC limits  
 (anr) Analyte not requested

5.1.4  
 5



POST DIGESTATE SPIKE SUMMARY

Login Number: FA97452  
 Account: MDIFLPO - M & D Industrial Services, LLC  
 Project: Howard Fertilizer; SR 29 & SR 82, Corkscrew, FL

QC Batch ID: MP40993  
 Matrix Type: AQUEOUS

Methods: SW846 6010D  
 Units: ug/l

Prep Date:

07/21/22

Metal	Sample ml	Final ml	FA97452-1 Raw	FA97452-1 Corr.**	PS ug/l	Spike ml	Spike ug/ml	Spike ug/l	% Rec	QC Limits
Aluminum										
Antimony										
Arsenic	9.8	10	17.2	16.856	108.9	0.2	5	100	92.0	80-120
Barium										
Beryllium										
Cadmium										
Calcium										
Chromium										
Cobalt										
Copper										
Iron	9.8	10	3519	3448.62	6219	0.2	150	3000	92.3	80-120
Lead										
Magnesium										
Manganese	9.8	10	189.1	185.318	232.5	0.2	2.5	50	94.4	80-120
Molybdenum										
Nickel										
Potassium										
Selenium										
Silver										
Sodium										
Strontium										
Thallium										
Tin										
Titanium										
Vanadium										
Zinc										

Associated samples MP40993: FA97452-1, FA97452-2

Results < IDL are shown as zero for calculation purposes  
 (\*) Outside of QC limits  
 (\*\*) Corr. sample result = Raw \* (sample volume / final volume)  
 (anr) Analyte not requested

5.1.5  
5

BLANK RESULTS SUMMARY  
Part 2 - Method Blanks

Login Number: FA97452  
Account: MDIFLPO - M & D Industrial Services, LLC  
Project: Howard Fertilizer; SR 29 & SR 82, Corkscrew, FL

QC Batch ID: MP41004  
Matrix Type: SOLID

Methods: SW846 6010D  
Units: mg/kg

Prep Date: 07/23/22

Metal	RL	IDL	MDL	MB raw	final
Aluminum	10	.7	1.8		
Antimony	1.0	.05	.065		
Arsenic	0.50	.065	.1	0.025	<0.50
Barium	10	.025	.05		
Beryllium	0.25	.005	.025		
Cadmium	0.20	.005	.025		
Calcium	250	2.5	2.5		
Chromium	0.50	.025	.05		
Cobalt	2.5	.01	.025		
Copper	1.3	.05	.05		
Iron	15	.75	.85		
Lead	1.0	.05	.05		
Magnesium	250	1.8	1.8		
Manganese	0.75	.013	.025		
Molybdenum	2.5	.015	.025		
Nickel	2.0	.02	.025		
Potassium	500	5	10		
Selenium	1.0	.1	.12		
Silver	0.50	.025	.041		
Sodium	500	13	25		
Strontium	0.50	.013	.025		
Thallium	0.50	.05	.055		
Tin	2.5	.025	.045		
Titanium	0.50	.025	.025		
Vanadium	2.5	.025	.025		
Zinc	1.0	.15	.15		

Associated samples MP41004: FA97452-3, FA97452-4

Results < IDL are shown as zero for calculation purposes  
(\* ) Outside of QC limits  
(anr) Analyte not requested

5.2.1  
5

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: FA97452  
 Account: MDIFLPO - M & D Industrial Services, LLC  
 Project: Howard Fertilizer; SR 29 & SR 82, Corkscrew, FL

QC Batch ID: MP41004  
 Matrix Type: SOLID

Methods: SW846 6010D  
 Units: mg/kg

Prep Date: 07/23/22 07/23/22

Metal	FA97480-1 Original	DUP	RPD	QC Limits	FA97480-1 Original MS	Spikelot MPFLICP2	% Rec	QC Limits
Aluminum								
Antimony	anr							
Arsenic	6.8	8.8 (a)	25.6 (b)	0-20	6.8	79.2 (a) 84	86.2	80-120
Barium	anr							
Beryllium	anr							
Cadmium	anr							
Calcium								
Chromium	anr							
Cobalt	anr							
Copper	anr							
Iron								
Lead	anr							
Magnesium								
Manganese	anr							
Molybdenum	anr							
Nickel	anr							
Potassium								
Selenium	anr							
Silver	anr							
Sodium								
Strontium								
Thallium	anr							
Tin								
Titanium								
Vanadium	anr							
Zinc	anr							

Associated samples MP41004: FA97452-3, FA97452-4

Results < IDL are shown as zero for calculation purposes

(\*) Outside of QC limits

(N) Matrix Spike Rec. outside of QC limits

(anr) Analyte not requested

(a) Sample dilution required due to difficult matrix.

(b) RPD acceptable due to low duplicate and sample concentrations.

5.2.2  
5

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: FA97452  
 Account: MDIFLPO - M & D Industrial Services, LLC  
 Project: Howard Fertilizer; SR 29 & SR 82, Corkscrew, FL

QC Batch ID: MP41004  
 Matrix Type: SOLID

Methods: SW846 6010D  
 Units: mg/kg

Prep Date: 07/23/22

Metal	FA97480-1 Original MSD	SpikeLot MPFLICP2 % Rec	MSD RPD	QC Limit
Aluminum				
Antimony	anr			
Arsenic	6.8	85.8 (a) 87	90.9	8.0 20
Barium	anr			
Beryllium	anr			
Cadmium	anr			
Calcium				
Chromium	anr			
Cobalt	anr			
Copper	anr			
Iron				
Lead	anr			
Magnesium				
Manganese	anr			
Molybdenum	anr			
Nickel	anr			
Potassium				
Selenium	anr			
Silver	anr			
Sodium				
Strontium				
Thallium	anr			
Tin				
Titanium				
Vanadium	anr			
Zinc	anr			

Associated samples MP41004: FA97452-3, FA97452-4

Results < IDL are shown as zero for calculation purposes  
 (\*) Outside of QC limits  
 (N) Matrix Spike Rec. outside of QC limits  
 (anr) Analyte not requested  
 (a) Sample dilution required due to difficult matrix.

5.2.2  
5

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: FA97452  
 Account: MDIFLPO - M & D Industrial Services, LLC  
 Project: Howard Fertilizer; SR 29 & SR 82, Corkscrew, FL

QC Batch ID: MP41004  
 Matrix Type: SOLID

Methods: SW846 6010D  
 Units: mg/kg

Prep Date: 07/23/22

Metal	BSP Result	Spikelot MPFLICP2	% Rec	QC Limits
Aluminum				
Antimony	anr			
Arsenic	95.8	100	95.8	80-120
Barium	anr			
Beryllium	anr			
Cadmium	anr			
Calcium				
Chromium	anr			
Cobalt	anr			
Copper	anr			
Iron				
Lead	anr			
Magnesium				
Manganese	anr			
Molybdenum	anr			
Nickel	anr			
Potassium				
Selenium	anr			
Silver	anr			
Sodium				
Strontium				
Thallium	anr			
Tin				
Titanium				
Vanadium	anr			
Zinc	anr			

Associated samples MP41004: FA97452-3, FA97452-4

Results < IDL are shown as zero for calculation purposes  
 (\*) Outside of QC limits  
 (anr) Analyte not requested

5.2.3  
 5

SERIAL DILUTION RESULTS SUMMARY

Login Number: FA97452  
 Account: MDIFLPO - M & D Industrial Services, LLC  
 Project: Howard Fertilizer; SR 29 & SR 82, Corkscrew, FL

QC Batch ID: MP41004  
 Matrix Type: SOLID

Methods: SW846 6010D  
 Units: ug/l

Prep Date: 07/23/22

Metal	FA97480-1	QC	QC	QC
	Original	SDL	5:25 %DIF	Limits
Aluminum				
Antimony	anr			
Arsenic	141	139	1.3	0-10
Barium	anr			
Beryllium	anr			
Cadmium	anr			
Calcium				
Chromium	anr			
Cobalt	anr			
Copper	anr			
Iron				
Lead	anr			
Magnesium				
Manganese	anr			
Molybdenum	anr			
Nickel	anr			
Potassium				
Selenium	anr			
Silver	anr			
Sodium				
Strontium				
Thallium	anr			
Tin				
Titanium				
Vanadium	anr			
Zinc	anr			

Associated samples MP41004: FA97452-3, FA97452-4

Results < IDL are shown as zero for calculation purposes  
 (\*) Outside of QC limits  
 (anr) Analyte not requested

5.2.4  
 5

POST DIGESTATE SPIKE SUMMARY

Login Number: FA97452  
 Account: MDIFLPO - M & D Industrial Services, LLC  
 Project: Howard Fertilizer; SR 29 & SR 82, Corkscrew, FL

QC Batch ID: MP41004  
 Matrix Type: SOLID

Methods: SW846 6010D  
 Units: ug/l

Prep Date:

07/23/22

Metal	Sample ml	Final ml	FA97480-1 Raw	PS Corr.**	PS ug/l	Spike ml	Spike ug/ml	Spike ug/l	% Rec	QC Limits
Aluminum										
Antimony										
Arsenic	9.8	10	141.1	138.278	232.6	0.2	5	100	94.3	80-120
Barium										
Beryllium										
Cadmium										
Calcium										
Chromium										
Cobalt										
Copper										
Iron										
Lead										
Magnesium										
Manganese										
Molybdenum										
Nickel										
Potassium										
Selenium										
Silver										
Sodium										
Strontium										
Thallium										
Tin										
Titanium										
Vanadium										
Zinc										

Associated samples MP41004: FA97452-3, FA97452-4

Results < IDL are shown as zero for calculation purposes  
 (\*) Outside of QC limits  
 (\*\*) Corr. sample result = Raw \* (sample volume / final volume)  
 (anr) Analyte not requested

5.2.5  
5

The results set forth herein are provided by SGS North America Inc.

**Technical Report for**

**M & D Industrial Services, LLC**

Howard Fertilizer; SR 29 & SR 82, Corkscrew, FL

e0091

SGS Job Number: FA98581

Sampling Date: 09/01/22

Report to:

M & D Industrial Services, LLC  
5896 Azalea St  
Port Orange, FL 32127  
vsanagustin@mdindustrialservices.com; dschill@mdindustrialservices.com  
ATTN: Don Schill

Total number of pages in report: **16**



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: Dwayne Foster 407-425-6700

Certifications: FL(E83510), LA(03051), KS(E-10327), NC(573), NJ(FL002), NY(12022), SC(96038001) DoD ELAP(ANAB L2229), AZ(AZ0806), CA(2937), TX(T104704404), PA(68-03573), VA(460177), AL, AK, AR, CT, IA, KY, MA, MI, MS, ND, NH, NV, OK, OR, IL, UT, VT, WA, WI, WV

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Test results relate only to samples analyzed.



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## Sample Summary

M & D Industrial Services, LLC

**Job No:** FA98581

Howard Fertilizer; SR 29 & SR 82, Corkscrew, FL  
Project No: e0091

Sample Number	Collected		Matrix			Client Sample ID
	Date	Time By	Received	Code	Type	
FA98581-1	09/01/22	09:14 VA	09/01/22	AQ	Surface Water	WEST DITCH WATER

## Summary of Hits

**Job Number:** FA98581  
**Account:** M & D Industrial Services, LLC  
**Project:** Howard Fertilizer; SR 29 & SR 82, Corkscrew, FL  
**Collected:** 09/01/22

Lab Sample ID	Client Sample ID	Result/ Qual	PQL	MDL	Units	Method
FA98581-1	WEST DITCH WATER					
Iron		698	300	17	ug/l	SW846 6010D

Sample Results

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Report of Analysis

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## Report of Analysis

<b>Client Sample ID:</b> WEST DITCH WATER	<b>Date Sampled:</b> 09/01/22
<b>Lab Sample ID:</b> FA98581-1	<b>Date Received:</b> 09/01/22
<b>Matrix:</b> AQ - Surface Water	<b>Percent Solids:</b> n/a
<b>Project:</b> Howard Fertilizer; SR 29 & SR 82, Corkscrew, FL	

### Total Metals Analysis

Analyte	Result	PQL	MDL	Units	DF	Prep	Analyzed By	Method	Prep Method
Iron	698	300	17	ug/l	1	09/08/22	09/09/22 LM	SW846 6010D <sup>1</sup>	SW846 3010A <sup>2</sup>

(1) Instrument QC Batch: MA18900

(2) Prep QC Batch: MP41177

PQL = Practical Quantitation Limit  
MDL = Method Detection Limit

U = Indicates a result < MDL  
I = Indicates a result > = MDL but < PQL

Misc. Forms

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Custody Documents and Other Forms

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Includes the following where applicable:

- Chain of Custody



SGS North America Inc - Orlando  
Chain of Custody

4405 Vineland Road, Suite C-15 Orlando, FL 32811  
TEL: 407-425-6700 FAX: 407-425-0707  
www.sgs.com

FA98581

SGS - ORLANDO JOB #: PAGE OF

SGS - ORLANDO Quote # SKIFF #

Client / Reporting Information				Project Information										Analytical Information										Matrix Codes
Company Name: <i>MFD Industrial Services</i>				Project Name: <i>Howard Fertilizer Spill Site</i>																				DW - Drinking Water
Address: <i>5896 Azalea St.</i>				Street: <i>1/2 mile south of SR29 and SR82</i>																				GW - Ground Water
City: <i>Pont Orange</i> State: <i>FL</i> Zip: <i>32127</i>				City: <i>Corkscrew</i> State: <i>FL</i>																				WW - Water
Project Contact: <i>V. Sanagustin</i> Email: <i>v.sanagustin@mdiindustrialservices.com</i>				Project # <i>E0091</i>																				SW - Surface Water
Phone #: <i>813-842-5520</i>				Fax #																				SO - Soil
Sampler(s) Name(s) (Printed)				Client Purchase Order # <i>VSA E0091</i>																				SL - Sludge
Sampler 1: <i>VSA</i> Sampler 2:																								OI - Oil
SGS Orlando	Sample #	Field ID / Point of Collection	DATE	TIME	SAMPLED BY	MATRIX	TOTAL # OF BOTTLES	OTHER	NONE	PC	MOM	MNO	MSOF	MADH-ZNAM	DI WATER	MECH	Iron (Fe)	LAB USE ONLY						
	<i>1</i>	<i>WEST DITCH WATER</i>	<i>07-01-22</i>	<i>0914</i>	<i>VSA SW</i>	<i>1</i>											<input checked="" type="checkbox"/>							
Turnaround Time ( Business days)				Data Deliverable Information										Comments / Remarks										
10 Day (Business) <input checked="" type="radio"/> 7 Day 5 Day 3 Day RUSH 2 Day RUSH 1 Day RUSH Other				Approved By: / Date:				<input type="checkbox"/> COMMERCIAL "A" (RESULTS DNLY) <input checked="" type="checkbox"/> COMMERCIAL "B" (RESULTS PLUS QC) <input type="checkbox"/> REDT1 (EPA LEVEL 3) <input type="checkbox"/> FULLT1 (EPA LEVEL 4) <input type="checkbox"/> EDD'S				INITIAL ASSESSMENT <i>MS</i> LABEL VERIFICATION <i>am</i>												
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/Affiliation		Date/Time		Received By/Affiliation				Relinquished By/Affiliation				Date/Time		Received By/Affiliation										
<i>V. Sanagustin</i>		<i>9/1/22 1225</i>		<i>VSA SW</i>				<i>SGS</i>																
Relinquished by Affiliation		Date/Time		Received By/Affiliation				Relinquished By/Affiliation				Date/Time		Received By/Affiliation										
Lab Use Only : Cooler Temperature (s) Celsius (corrected): <i>4.8 C/21</i>																								

ORLD-SMT-0001-03-FORM-COC (4).xls Rev 031318

http://www.sgs.com/en/terms-and-conditions

FA98581: Chain of Custody

Page 1 of 2



## SGS Sample Receipt Summary

Job Number: FA98581

Client: M&D INDUSTRIAL SERVICES

Project: HOWLAND FERTILIZER SPILL SITE

Date / Time Received: 9/1/2022 12:25:00 PM

Delivery Method: DROPOFF

Airbill #s:

Therm ID: IR 1;

Therm CF: 0.6;

# of Coolers: 1

Cooler Temps (Raw Measured) °C: Cooler 1: (4.8);

Cooler Temps (Corrected) °C: Cooler 1: (5.4);

**Cooler Information**

Y or N

- |                             |                                     |                          |
|-----------------------------|-------------------------------------|--------------------------|
| 1. Custody Seals Present    | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Custody Seals Intact     | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 3. Temp criteria achieved   | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 4. Cooler temp verification | <u>IR Gun</u>                       |                          |
| 5. Cooler media             | <u>Ice (Bag)</u>                    |                          |

**Trip Blank Information**

Y or N N/A

- |                                |                          |                          |                                     |
|--------------------------------|--------------------------|--------------------------|-------------------------------------|
| 1. Trip Blank present / cooler | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 2. Trip Blank listed on COC    | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
|                                | <u>W or S</u>            |                          | <u>N/A</u>                          |
| 3. Type Of TB Received         | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |

**Sample Information**

Y or N N/A

- |   |                                     |                                     |                                     |
|---|-------------------------------------|-------------------------------------|-------------------------------------|
| 1. Sample labels present on bottles                 | <input checked="" type="checkbox"/> | <input type="checkbox"/>            |                                     |
| 2. Samples preserved properly                       | <input checked="" type="checkbox"/> | <input type="checkbox"/>            |                                     |
| 3. Sufficient volume/containers recvd for analysis: | <input checked="" type="checkbox"/> | <input type="checkbox"/>            |                                     |
| 4. Condition of sample                              | <u>Intact</u>                       |                                     |                                     |
| 5. Sample recvd within HT                           | <input checked="" type="checkbox"/> | <input type="checkbox"/>            |                                     |
| 6. Dates/Times/IDs on COC match Sample Label        | <input checked="" type="checkbox"/> | <input type="checkbox"/>            |                                     |
| 7. VOCs have headspace                              | <input type="checkbox"/>            | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |
| 8. Bottles received for unspecified tests           | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |                                     |
| 9. Compositing instructions clear                   | <input type="checkbox"/>            | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |
| 10. Voa Soil Kits/Jars received past 48hrs?         | <input type="checkbox"/>            | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |
| 11. % Solids Jar received?                          | <input type="checkbox"/>            | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |
| 12. Residual Chlorine Present?                      | <input type="checkbox"/>            | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |

**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 230315 pH 10-12 219813A Other: (Specify) \_\_\_\_\_  
 Residual Chlorine Test Strip Lot #: \_\_\_\_\_

Comments

SM001  
Rev. Date 05/24/17

Technician: SAMUELM

Date: 9/1/2022 12:25:00 PM

Reviewer: \_\_\_\_\_

Date: \_\_\_\_\_

FA98581: Chain of Custody

Page 2 of 2

4.1  
4



## Metals Analysis

---

### QC Data Summaries

---

Includes the following where applicable:

- Method Blank Summaries
- Matrix Spike and Duplicate Summaries
- Blank Spike and Lab Control Sample Summaries
- Serial Dilution Summaries

BLANK RESULTS SUMMARY  
Part 2 - Method Blanks

Login Number: FA98581  
Account: MDIFLPO - M & D Industrial Services, LLC  
Project: Howard Fertilizer; SR 29 & SR 82, Corkscrew, FL

QC Batch ID: MP41177  
Matrix Type: AQUEOUS

Methods: SW846 6010D  
Units: ug/l

Prep Date: 09/08/22 09/08/22

Metal	RL	IDL	MDL	MB raw	final	MB raw	final
Aluminum	200	14	14				
Antimony	6.0	1	1				
Arsenic	10	1.3	1.3				
Barium	200	.5	1				
Beryllium	4.0	.1	.2				
Cadmium	5.0	.1	.2				
Calcium	1000	50	50				
Chromium	10	.5	1				
Cobalt	50	.2	.2				
Copper	25	1	1				
Iron	300	15	17	-0.60	<300	7.2	<300
Lead	5.0	1	1.1				
Magnesium	5000	35	35				
Manganese	15	.25	1				
Molybdenum	50	.3	.3				
Nickel	40	.4	.4				
Potassium	10000	100	200				
Selenium	10	2	2.9				
Silver	10	.5	.7				
Sodium	10000	250	500				
Strontium	10	.25	.5				
Thallium	10	1	1.4				
Tin	50	.5	1				
Titanium	10	.5	1				
Vanadium	50	.5	.6				
Zinc	20	3	4.4				

Associated samples MP41177: FA98581-1

Results < IDL are shown as zero for calculation purposes  
(\* ) Outside of QC limits  
(anr) Analyte not requested

5.1.1  
5

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: FA98581  
 Account: MDIFLPO - M & D Industrial Services, LLC  
 Project: Howard Fertilizer; SR 29 & SR 82, Corkscrew, FL

QC Batch ID: MP41177  
 Matrix Type: AQUEOUS

Methods: SW846 6010D  
 Units: ug/l

Prep Date: 09/08/22 09/08/22

Metal	FA98581-1 Original	DUP	RPD	QC Limits	FA98581-1 Original MS	Spikelot MPFLICP2	% Rec	QC Limits	
Aluminum	anr								
Antimony									
Arsenic	anr								
Barium	anr								
Beryllium									
Cadmium	anr								
Calcium									
Chromium	anr								
Cobalt									
Copper									
Iron	698	688	1.4	0-20	698	26300	26000	98.5	80-120
Lead	anr								
Magnesium									
Manganese									
Molybdenum									
Nickel									
Potassium									
Selenium	anr								
Silver	anr								
Sodium	anr								
Strontium									
Thallium									
Tin									
Titanium									
Vanadium									
Zinc	anr								

Associated samples MP41177: FA98581-1

Results < IDL are shown as zero for calculation purposes  
 (\*) Outside of QC limits  
 (N) Matrix Spike Rec. outside of QC limits  
 (anr) Analyte not requested

5.1.2  
5

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: FA98581  
 Account: MDIFLPO - M & D Industrial Services, LLC  
 Project: Howard Fertilizer; SR 29 & SR 82, Corkscrew, FL

QC Batch ID: MP41177  
 Matrix Type: AQUEOUS

Methods: SW846 6010D  
 Units: ug/l

Prep Date: 09/08/22

Metal	FA98581-1 Original MSD	SpikeLot MPFLICP2 % Rec	MSD RPD	QC Limit		
Aluminum	anr					
Antimony						
Arsenic	anr					
Barium	anr					
Beryllium						
Cadmium	anr					
Calcium						
Chromium	anr					
Cobalt						
Copper						
Iron	698	26800	26000	100.4	1.9	20
Lead	anr					
Magnesium						
Manganese						
Molybdenum						
Nickel						
Potassium						
Selenium	anr					
Silver	anr					
Sodium	anr					
Strontium						
Thallium						
Tin						
Titanium						
Vanadium						
Zinc	anr					

Associated samples MP41177: FA98581-1

Results < IDL are shown as zero for calculation purposes  
 (\*) Outside of QC limits  
 (N) Matrix Spike Rec. outside of QC limits  
 (anr) Analyte not requested

5.1.2  
5

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: FA98581  
 Account: MDIFLPO - M & D Industrial Services, LLC  
 Project: Howard Fertilizer; SR 29 & SR 82, Corkscrew, FL

QC Batch ID: MP41177  
 Matrix Type: AQUEOUS

Methods: SW846 6010D  
 Units: ug/l

Prep Date: 09/08/22

Metal	BSP Result	Spikelot MPFLICP2	% Rec	QC Limits
Aluminum	anr			
Antimony				
Arsenic	anr			
Barium	anr			
Beryllium				
Cadmium	anr			
Calcium				
Chromium	anr			
Cobalt				
Copper				
Iron	25600	26000	98.5	80-120
Lead	anr			
Magnesium				
Manganese				
Molybdenum				
Nickel				
Potassium				
Selenium	anr			
Silver	anr			
Sodium	anr			
Strontium				
Thallium				
Tin				
Titanium				
Vanadium				
Zinc	anr			

Associated samples MP41177: FA98581-1

Results < IDL are shown as zero for calculation purposes  
 (\*) Outside of QC limits  
 (anr) Analyte not requested

5.1.3  
5

SERIAL DILUTION RESULTS SUMMARY

Login Number: FA98581  
 Account: MDIFLPO - M & D Industrial Services, LLC  
 Project: Howard Fertilizer; SR 29 & SR 82, Corkscrew, FL

QC Batch ID: MP41177  
 Matrix Type: AQUEOUS

Methods: SW846 6010D  
 Units: ug/l

Prep Date: 09/08/22

Metal	FA98581-1 Original	SDL 1:5	%DIF	QC Limits
Aluminum	anr			
Antimony				
Arsenic	anr			
Barium	anr			
Beryllium				
Cadmium	anr			
Calcium				
Chromium	anr			
Cobalt				
Copper				
Iron	698	642	8.1	0-10
Lead	anr			
Magnesium				
Manganese				
Molybdenum				
Nickel				
Potassium				
Selenium	anr			
Silver	anr			
Sodium	anr			
Strontium				
Thallium				
Tin				
Titanium				
Vanadium				
Zinc	anr			

Associated samples MP41177: FA98581-1

Results < IDL are shown as zero for calculation purposes  
 (\*) Outside of QC limits  
 (anr) Analyte not requested

5.1.4  
5

POST DIGESTATE SPIKE SUMMARY

Login Number: FA98581  
 Account: MDIFLPO - M & D Industrial Services, LLC  
 Project: Howard Fertilizer; SR 29 & SR 82, Corkscrew, FL

QC Batch ID: MP41177  
 Matrix Type: AQUEOUS

Methods: SW846 6010D  
 Units: ug/l

Prep Date:

09/08/22

Metal	Sample ml	Final ml	FA98581-1 Raw	PS Corr.**	PS ug/l	Spike ml	Spike ug/ml	Spike ug/l	% Rec	QC Limits
Aluminum										
Antimony										
Arsenic										
Barium										
Beryllium										
Cadmium										
Calcium										
Chromium										
Cobalt										
Copper										
Iron	9.8	10	698	684.04	3912	0.2	150	3000	107.6	80-120
Lead										
Magnesium										
Manganese										
Molybdenum										
Nickel										
Potassium										
Selenium										
Silver										
Sodium										
Strontium										
Thallium										
Tin										
Titanium										
Vanadium										
Zinc										

Associated samples MP41177: FA98581-1

Results < IDL are shown as zero for calculation purposes  
 (\*) Outside of QC limits  
 (\*\*) Corr. sample result = Raw \* (sample volume / final volume)  
 (anr) Analyte not requested

**Attachment 5 –  
Material Data Sheet of Spilled Fertilizer  
and Arsenic Content in Plant Water**



# GatorEXCEL

## CSL 7

### Guaranteed Analysis #91419

Magnesium (Mg)	1.50%
1.5% Water Soluble Mg	
Chelated Iron (Fe)	3.50%
Chelated Manganese (Mn)	0.75%
Chelated Zinc (Zn)	0.75%
Chelated Copper (Cu)	0.05%
Boron (B)	0.10%
Molybdenum (Mo)	0.001%
Combined Sulfur (S)	4.00%

Derived From:  
Magnesium Citrate, Iron Citrate,  
Manganese Citrate, Zinc Citrate,  
Copper Citrate, Sodium Borate,  
Sodium Molybdate.

### DIRECTIONS FOR USE:

**Lawns, Turf, Golf Courses:** Maintenance Rate - Use 1 to 2 ounces per 1,000 sq. ft. in enough water for thorough coverage (3 to 5 gallons of water per 1,000 sq. ft. is recommended). Severe Deficiency - Use 2 to 4 ounces per 1,000 sq. ft. in enough water for thorough coverage. Repeat applications as needed. Four to six applications annually are recommended.

**Tees and Greens:** Use 1 to 2 ounces per 1,000 sq. ft. as a maintenance rate in enough water for thorough coverage (3 to 5 gallons of water per 1,000 sq. ft. is recommended).

**Ornamental Plants:** Use 1 to 2 quarts per 100 gallons of water and apply as a drench or foliar application. Repeat application as needed.

**CAUTIONS:** Avoid getting in eyes, mucous membranes, or on the skin. Use with adequate ventilation. Keep container capped when not in use. Do not contaminate water supplies.

**ANTIDOTES:** Skin or eye contact: Flush thoroughly with water and see a physician. Internal: Induce vomiting if conscious and get medical attention at once.

**CAUTION:** Avoid spraying painted or concrete surfaces as staining may occur.

**CONDITIONS OF SALE:** Seller warrants that this product consists of the ingredients specified and is reasonably fit for the purpose stated on this label when used in accordance with directions under normal conditions of use.

No one, other than the officer of Seller, is authorized to make any warranty, guarantee, or directions concerning this product. Because the time, place, rate of application and other conditions of use are beyond Seller's control, Seller's liability from handling, storage and use of this product is limited to replacement of product or refund of purchase price.

**Weight per gallon:  
10.54 Lbs**

Manufactured By:  
F1016  
**Howard Fertilizer  
and Chemical Co., Inc.**  
8306 S. Orange Ave.  
Orlando, FL 32809

Gator Brand is a registered  
trademark of Howard Fertilizer and  
Chemical Co., Inc.

Lot Number \_\_\_\_\_ Net Contents \_\_\_\_\_ Gal/Liters \_\_\_\_\_

**CAUTION: KEEP OUT OF REACH OF CHILDREN**



# Water Analysis

## Waters Agricultural Laboratories, Inc

257 Newton Hwy | Camilla, GA 31730- | Phone (229) 336-7216

*"Improving Growth...  
With Science"*

Customer: 4356	Sample ID: 1
THE LIQUID PLANT INC  1000 COUNTY RD. 846 E IMMOKALEE, FL 34142 UNITED STATES	Grower: THE LIQUID PLANT Farm ID: Field ID: Lab Number: 5744  Received: 12/13/2019 Processed: 12/16/2019

### Analytical Results

Analyte	Result	Units
Arsenic	0.017	ppm

### Comments

Analysis: Arsenic: EPA 7061A

MDL(ppm): As 0.001

**BDL = Below Detection Limit    -- = Analysis Not Performed For Analyte**

This document may be reproduced only in its entirety. As we have no control over the manner in which samples are collected, the analysis is based solely upon the samples as received. Liability is limited to the fee assessed on the referenced samples.



**M & D Industrial Services, LLC**  
5896 Azalea Street, Port Orange, FL 32127  
Tel 386-238-9658 • [www.mdindustrialservices.com](http://www.mdindustrialservices.com)

**SITE ASSESSMENT REPORT**  
**Road Fertilizer Spill**  
**½ Mile South of SR-29 and SR-82**  
**Corkscrew, Collier County, Florida 34142**  
**FDEP OER Report No.**  
**OHMIT #2019-3I-64280Z**

**prepared for**

Howard Fertilizer and Chemical Company, Inc.  
8306 South Orange Avenue  
Orlando, FL 32809

**prepared by**

M & D Industrial Services, LLC  
5896 Azalea Street  
Port Orange, Florida 32127

**January 31, 2020**

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## 1.0 Introduction

M&D Industrial Services, LLC (M&D) was requested by Howard Fertilizer and Chemical Company, Inc. (Howard) to respond to requests from FDEP to sample and analyze soil, sediments, groundwater, and surface water located at a roadside spill. The spilled fertilizer was owned by Howard Fertilizer and Chemical Company. In early October, 2019, while in transit and after making an immediate stop, a truck carrying two (2) - 300 gallon totes containing a fertilizer product identified as Gator Excel XL CSL 7 spilled on State Road SR-29 approximately ½ mile south of the intersection of State Road SR-82 and SR-29 in Corkscrew, Collier County. A material data sheet of the fertilizer product is enclosed as **Attachment 1**. **Figure 1** is a site location map showing the spill site.

On October 4, 2019, Lina Cerquera from FDEP's Emergency Response Division emailed Howard Fertilizer a request to conduct a site assessment at the spill site. A copy of the email is included in **Attachment 2**.

Personnel from M&D pulled samples of soil, surface water or ditch water on October 14, 2019. M&D later returned to the spill site on October 30, 2019 and installed 3 temporary monitor wells. The 3 temporary monitor wells were sampled the next day, October 31, 2019. A background surface water or ditch water sample was also pulled on October 31. Construction Logs for the 3 temporary monitor wells are included in **Attachment 3**. Monitor Well sampling logs are included in **Attachment 4**.

## 2.0 Summary of Findings / Recommendations

Lab results for all the samples pulled in October, 2019 are summarized in **Tables 1, 2, and 3**. **Table 1** presents the lab results of the soil and sediment samples. **Table 2** presents the lab results for the groundwater samples. **Table 3** presents the lab results of the ditch water or surface water samples. Copies of the lab reports are included in **Attachment 5**.

Results in **Table 1** shows no soil samples with results above the residential soil cleanup target levels (SCTL). Only the "West Ditch Sediments" sample showed an arsenic level of 3.4 mg/kg, above the residential soil cleanup target level of 2.1 mg/kg. Since "West Ditch Sediments" is a sediment sample and not a soil sample, it is requested that the Department inform M&D and Howard of the appropriate cleanup target level.

If the Department determines that the 3.4 mg/kg is the appropriate SCTL for sediments, it is requested that the Department consider that arsenic may be naturally occurring in the area. Background sediment samples may be pulled near the site to substantiate the claim that elevated levels of arsenic may be naturally occurring in the area.

Plant water from Howard Fertilizer in Immokalee, the facility that manufactured the spilled fertilizer was sampled and then analyzed for arsenic on December 12, 2019. Result was 0.017 ppm. A copy of the lab result is included in Attachment 5.

Groundwater results in **Table 2** show the sample pulled from monitor well TMW-W had an arsenic level of 14.2 ug/lit, above the arsenic groundwater cleanup target level of 10 ug/lit.

Iron was 12,900 ug/lit, above the iron GCTL of 300 ug/lit. Manganese in samples from TMW-West (TMW-W) and TMW-East (TMW-E) was 55.1 ug/lit and 106 ug/lit respectively. Both are above the Manganese GCTL of 50 ug/lit. M&D recommends that TMW-W, TMW-E, and TMW-B be sampled for arsenic, iron, and manganese to assess contaminant levels 3 months later.

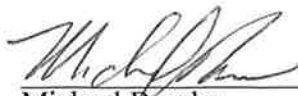
Surface water results in **Table 3** shows copper levels in the sample from the East Ditch water was 29.5 ug/lit. Table 3 also shows that the Copper standard may either be 30.5 ug/lit or 21.5 ug/lit. It is requested that the Department inform M&D of the appropriate surface water standard for copper at the East Ditch Water sample. M&D also recommends that another sample be pulled for copper analysis at the same East Ditch Water sample location. M&D believes the copper level may decrease after 3 months.


**Table 3** also shows the iron levels in the West and East Ditch Water are 2,240 ug/lit and 4,160 ug/lit respectively. Both are above the Class III surface water standard for iron of 1.0 ug/lit. It is important to note that a background sample identified as Northeast Ditch Water had an iron level of 171 I ug/lit which is already above the 1.0 ug/lit surface water standard for iron. M&D recommends resampling the same 3 surface water locations and analyzing for iron to assess iron levels 3 months later.

M&D plans to survey the 3 temporary wells and measure water levels at the next site visit to help assess groundwater elevations and direction of groundwater flow at the spill site.

### 3.0 Certification by Responsible Authority:

I certify under penalty of law that this document and all attachments were prepared under my direction *or* supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete.

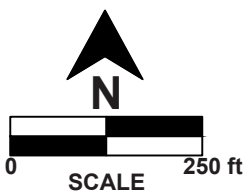
 1/31/2020  
Date  
Michael Brooks  
Compliance Officer  
Howard Fertilizer & Chemical Company, Inc.  
8306 South Orange Avenue  
Orlando, FL 32809

 01-31-2020  
Date  
Victor L. San Agustin, P.E., C.H.M.M.  
Florida Professional Engineer No. 40226  
M & D Industrial Services, LLC.  
5896 Azalea Street  
Port Orange, FL 32127

## 4.0 Figures



Spill Site



**HOWARD FERTILIZER & CHEMICAL CO.**  
Spill Site - Approx 1 Mile South of SR82 and SR29  
Corkscrew, Collier County, FL 34142

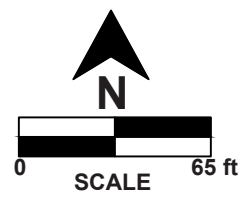
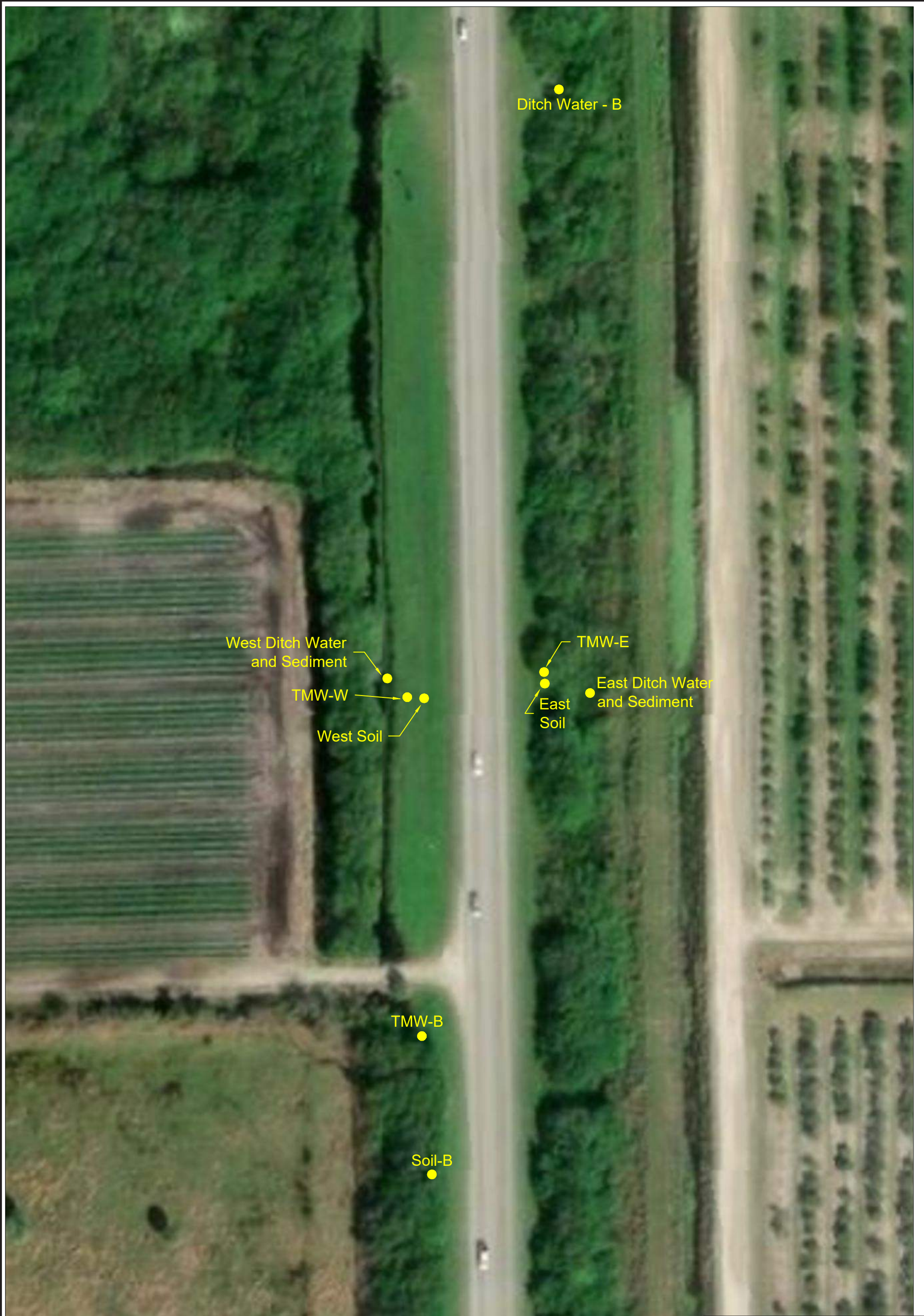
Location of Spill Site

PROJECT NO.: E0091  
DATE: Jan 22, 2020

FIGURE 1

 **M&D INDUSTRIAL SERVICES, LLC.**  
5896 Azalea Street  
Port Orange, FL 32127  
[www.mdindustrialservices.com](http://www.mdindustrialservices.com)





**HOWARD FERTILIZER & CHEMICAL CO.**  
 Spill Site - Approx 1/2 Mile South of SR82 and SR29  
 Corkscrew, Collier County, FL 34142

Location of Samples Pulled

PROJECT NO.:	E0091	FIGURE 2
DATE:	Jan 22, 2020	

 **M&D INDUSTRIAL SERVICES, LLC.**  
5896 Azalea Street  
 Port Orange, FL 32127  
[www.mdindustrialservices.com](http://www.mdindustrialservices.com)

## 5.0 Tables

**Table 1 - Summary of Soil Lab Data**  
**Howard Fertilizer Spill Site**  
**Approx 1/2 Mile south of SR-29 & SR-82 Intersection, Corkscrew, Collier County**

	Sample Date	Arsenic (mg/kg)	Beryllium (mg/kg)	Boron (mg/kg)	Cadmium (mg/kg)	Chromium (mg/kg)	Copper (mg/kg)	Fluoride (mg/kg)	Iron (mg/kg)	Lead (mg/kg)	Manganese (mg/kg)	Molybdenum (mg/kg)	Nickel (mg/kg)	Sodium (mg/kg)	Uranium (mg/kg)	Zinc (mg/kg)	Nitrogen, Ammonia (mg/kg)	Nitrogen, Nitrate (mg/kg)	Nitrogen, Nitrite (mg/kg)	Sulfate (mg/kg)
Background	10/14/2019	0.56	0.033 I	1.7 U	0.024 U	2.1	1.2	1.4 U	859	5.1	2.0	0.024 U	0.53 I	24 U	ND	3.2	30.5	2.8 U	2.8 U	34.0 U
West Soil, 0-1 ft BLS	10/14/2019	2.1	0.039 I	53.1	0.021 U	2.5	1.9	3.0 I	2,050.0	20.6	9.4	0.081 I	0.78 I	36.6 I	ND	10.2	69.9	2.8 U	2.8 U	252.0
West Soil, 1-2 ft BLS	10/14/2019	1.2	0.028 U	1.9 U	0.028 U	1.5	3.8	1.5 U	1,030.0	4.8	42.6	0.32 I	0.62 I	38.5 I	9.31	49.6	15	3.0 U	3.0 U	440.0
West Ditch Sediments	10/14/2019	<b>3.4</b>	0.21 I	4.3 U	0.061 I	10.3	22.2	3.7 U	4,770.0	8.1	292	0.39 I	3.8 I	232 I	9.47 J	362.0	276.0	7.4 U	7.4 U	1,190.0
East Soil, 0-1 ft BLS	10/14/2019	0.51	0.051 I	10.9 I	0.067 I	5.8	9.6	1.4 U	1,300.0	19.8	249	0.27 I	2.8	70.8 I	3.87 J	276.0	183.0	10.8	2.9 U	1,240.0
East Soil, 1-2 ft BLS	10/14/2019	0.13 I	0.026 U	1.7 U	0.026 U	0.20 I	0.094 I	1.4 U	134.0	0.21 I	0.26 I	0.026 U	0.073 I	26.0 U	1.84 J	0.22 I	17.5	3.6 I	2.9 U	34.0 U
East Ditch Sediments	10/14/2019	2.2	0.12 I	10.2 I	0.14 I	12.0	77.1	8.1 I	2,010.0	27.2	36.2	0.73 I	3.2 I	207 I	10.8 J	48.4	24.6	10.0 U	10.0 U	120.0 U
<b>Residential SCTL</b>		<b>2.1</b>	<b>120.0</b>	<b>17,000.0</b>	<b>82.0</b>	<b>210.0</b>	<b>150.0</b>	<b>840.0</b>	<b>53,000.0</b>	<b>400.0</b>	<b>3,500.0</b>	<b>440.0</b>	<b>340.0</b>		<b>110.0</b>	<b>26,000.0</b>	<b>35,000.0</b>	<b>140,000.0</b>	<b>8,700.0</b>	
<b>Industrial SCTL</b>		<b>12.0</b>	<b>1,400.0</b>	<b>430,000.0</b>	<b>1,700.0</b>	<b>470.0</b>	<b>89,000.0</b>	<b>130,000.0</b>	<b>*</b>	<b>1,400.0</b>	<b>43,000.0</b>	<b>11,000.0</b>	<b>35,000.0</b>		<b>820.0</b>	<b>630,000.0</b>	<b>880,000.0</b>	<b>*</b>	<b>220,000.0</b>	
<b>Alternate SCTL</b>														<b>20,000.00</b>						<b>2,200.00</b>
<b>Leachability SCTL</b>		<b>***</b>	<b>63.0</b>	<b>***</b>	<b>7.5</b>	<b>38.0</b>	<b>***</b>	<b>6,000.0</b>	<b>***</b>	<b>***</b>	<b>***</b>	<b>***</b>	<b>130</b>	<b>320,000.00</b>	<b>***</b>	<b>***</b>	<b>***</b>	<b>***</b>	<b>***</b>	<b>None</b>

\* Contaminant is not a health concern for this exposure scenario.

\*\*\* Leachability values may be derived using the SPLP Test to calculate site specific SCTLs or may be determined using TCLP in the event oily wastes are present.

**Table 2 - Summary of Groundwater Lab Data**  
**Immokalee Spill Site**  
**Approx. 1/2 Mile South of SR29 and SR82, Corkscrew, Collier County**

	Sample Date	Arsenic (ug/l)	Beryllium (ug/l)	Boron * (ug/l)	Cadmium (ug/l)	Chromium (ug/l)	Copper (ug/l)	Fluoride (ug/l)	Iron (ug/l)	Lead (ug/l)	Manganese (ug/l)	Molybdenum (ug/l)	Nickel (ug/l)	Sodium (ug/l)	Uranium (ug/l)	Zinc (ug/l)	Nitrogen, Ammonia (ug/l)	Nitrogen, Nitrate (ug/l)	Nitrogen, Nitrite (ug/l)	Sulfate (ug/l)
TMW-W	10/31/2019	14.2	0.20 U	291.0	0.20 U	2.0 I	1.0 U	560.0 I	12,900.0	9.8	55.1	4.1 IB	26.2 I	28,000.0	10.3 J	54.8	1,800.0	250 U	250 U	43,600.0
TMW-E	10/31/2019	1.3 U	0.20 U	63.0 U	0.20 U	1.8 I	1.0 U	260	864.0	4.6 I	106.0	3.6 IB	0.40 U	2,270 I	10.3 J	42.7	170 I	50.0 U	50.0 U	8,100.0
TMW-B	10/31/2019	1.3 U	0.20 U	74.1 I	0.20 U	2.3 I	1.0 U	470.0	4,170.0	4.6 I	28.9	0.90 IB	0.40 U	23,800.0	8.78 U	4.4 U	500.0	50.0 U	50.0 U	5,000.0
GCTL		10.0	4.0	None	5.00	100.0	1,000.0	4000.0	300.0	15.0	50.0	None	100.0	160,000.0	30.0	5,000.0	None	10,000.0	1,000.0	250,000.0

**Table 3 - Summary of Surface Water Lab Data**  
**Corkscrew Spill Site**  
**Approx. 1/2 Mile South of SR29 and SR82, Corkscrew, Collier County**

	Sample Date	Arsenic (ug/l)	Beryllium (ug/l)	Boron * (ug/l)	Cadmium (ug/l)	Chromium (ug/l)	Copper (ug/l)	Fluoride (ug/l)	Iron (ug/l)	Lead (ug/l)	Manganese (ug/l)	Molybdenum (ug/l)	Nickel (ug/l)	Sodium (ug/l)	Uranium (ug/l)	Zinc (ug/l)	Nitrogen, Ammonia (ug/l)	Nitrogen, Nitrate (ug/l)	Nitrogen, Nitrite (ug/l)	Sulfate (ug/l)
West Ditch Water	10/14/2019	3.2 I	0.20 U	367.0	0.20 U	1.3 I	1.8 I	0.30 U	2,240.0	1.1 U	462.0	2.1 I	10.6 I	22,500.0	14.5	65.0	0.28	0.25 U	0.25 U	23.6
East Ditch Water	10/14/2019	5.1 I	0.20 U	63.0 U	0.20 U	1.0 U	29.5	0.30 U	4,160.0	1.1 U	1,460.0	0.30 U	0.90 I	27,300.0	15.4	54.8	0.060 U	0.25 U	0.25 U	3.0 U
Northeast Ditch Water	10/31/2019	2.9 I	0.20 U	75.9 I	0.20 U	1.0 U	1.0 U	280	171 I	4.0 I	45.7	0.30 U	0.40 U	13,200.0	2.96 U	5.6 I	62.0 I	260	50 U	5,600.0
Class III Surface Water Standard		50.0	0.1	None	0.10	11.0	2.9	10.0	1.0	0.5	None	None	16.1	None	None	37.0	310.6	None	None	None
			annual ave		or	(Note 2)	or		or				or			or				
					0.76		30.5			18.6			168.5			387.8				
Class III West Ditch Water Surface Water Standard					0.58		22.3			11.6			123.5			284.1				
Class III East Ditch Water Surface Water Standard					0.56		21.5			11.0			119.0			273.6				
					(Note 1)		(Note 3)			(Note 4)			(Note 5)			(Note 6)				

Note 1 - Cd is 0.1 if hardness is set at 25 mg/l. Cd is 0.76 if hardness is set at 400.0 mg/l. Lab report fa68973R shows West Ditch water hardness tested 277 mg/l and East Ditch water hardness tested 265 mg/l.

Note 2 - Applies to hexavalent chromium

Note 3 - Cu is 2.9 if hardness is set at 25 mg/l. Cd is 30.5 if hardness is set at 400 mg/lit. Lab report fa68973R shows West Ditch water hardness tested 277 mg/l and East Ditch water hardness tested 265 mg/l.

Note 4 - Pb is 0.5 if hardness is set at 25 mg/l. Pb is 18.6 if hardness is set at 400 mg/lit. Lab report fa68973R shows West Ditch water hardness tested 277 mg/l and East Ditch water hardness tested 265 mg/l.

Note 5 - Ni is 16.1 if hardness is set at 25 mg/l. Ni is 168.5 if hardness is set at 400 mg/lit. Lab report fa68973R shows West Ditch water hardness tested 277 mg/l and East Ditch water hardness tested 265 mg/l.

Note 6 - Zinc is 37.0 if hardness is set at 25 mg/l. Zinc is 387.8 if hardness is set at 400 mg/lit. Lab report fa68973R shows West Ditch water hardness tested 277 mg/l and East Ditch water hardness tested 265 mg/l.

Note 7 - Lab report fa68973R shows pH of West Ditch water sample was 7.15 and pH of East Ditch water sample was 7.36. Nitrogen, Ammonia standard shown is based on a pH of 7.15

Temp deg C 28.0  
pH 7.15  
(Note 7)

## **6.0 Attachments**

**Attachment 1 –  
Material Data Sheet of  
Spilled Fertilizer**

# GatorEXCEL

## CSL 7

### Guaranteed Analysis #91419

Magnesium (Mg)	1.50%
1.5% Water Soluble Mg	
Chelated Iron (Fe)	3.50%
Chelated Manganese (Mn)	0.75%
Chelated Zinc (Zn)	0.75%
Chelated Copper (Cu)	0.05%
Boron (B)	0.10%
Molybdenum (Mo)	0.001%
Combined Sulfur (S)	4.00%

Derived From:  
Magnesium Citrate, Iron Citrate,  
Manganese Citrate, Zinc Citrate,  
Copper Citrate, Sodium Borate,  
Sodium Molybdate.

### DIRECTIONS FOR USE:

**Lawns, Turf, Golf Courses:** Maintenance Rate - Use 1 to 2 ounces per 1,000 sq. ft. in enough water for thorough coverage (3 to 5 gallons of water per 1,000 sq. ft. is recommended). Severe Deficiency - Use 2 to 4 ounces per 1,000 sq. ft. in enough water for thorough coverage. Repeat applications as needed. Four to six applications annually are recommended.

**Tees and Greens:** Use 1 to 2 ounces per 1,000 sq. ft. as a maintenance rate in enough water for thorough coverage (3 to 5 gallons of water per 1,000 sq. ft. is recommended).

**Ornamental Plants:** Use 1 to 2 quarts per 100 gallons of water and apply as a drench or foliar application. Repeat application as needed.

**CAUTIONS:** Avoid getting in eyes, mucous membranes, or on the skin. Use with adequate ventilation. Keep container capped when not in use. Do not contaminate water supplies.

**ANTIDOTES:** Skin or eye contact: Flush thoroughly with water and see a physician. Internal: Induce vomiting if conscious and get medical attention at once.

**CAUTION:** Avoid spraying painted or concrete surfaces as staining may occur.

**CONDITIONS OF SALE:** Seller warrants that this product consists of the ingredients specified and is reasonably fit for the purpose stated on this label when used in accordance with directions under normal conditions of use.

No one, other than the officer of Seller, is authorized to make any warranty, guarantee, or directions concerning this product. Because the time, place, rate of application and other conditions of use are beyond Seller's control, Seller's liability from handling, storage and use of this product is limited to replacement of product or refund of purchase price.

**Weight per gallon:  
10.54 Lbs**

Manufactured By:  
F1016  
**Howard Fertilizer  
and Chemical Co., Inc.**  
8306 S. Orange Ave.  
Orlando, FL 32809

Gator Brand is a registered  
trademark of Howard Fertilizer and  
Chemical Co., Inc.

Lot Number \_\_\_\_\_ Net Contents \_\_\_\_\_ Gal/Liters \_\_\_\_\_

**CAUTION: KEEP OUT OF REACH OF CHILDREN**



**Attachment 2 –  
October 4, 2019 Email from  
Lina Cerquera of FDEP Office of Emergency Response**

## Victor San Agustin

---

**From:** Michael Brooks <MBrooks@howardfert.com>  
**Sent:** Friday, October 4, 2019 1:06 PM  
**To:** Victor San Agustin  
**Cc:** Cerquera, Lina  
**Subject:** FW: FDEP OER OHMIT#2019-31-64280Z - Howard Fertilizer - SR-82 & SR-29 - Fertilizer Discharge

**Importance:** High

---

**From:** Cerquera, Lina <Lina.Cerquera@FloridaDEP.gov>  
**Sent:** Friday, October 04, 2019 1:04 PM  
**To:** Michael Brooks <MBrooks@howardfert.com>  
**Subject:** FDEP OER OHMIT#2019-31-64280Z - Howard Fertilizer - SR-82 & SR-29 - Fertilizer Discharge  
**Importance:** High

\*\*\* External Email \*\*\*

Good afternoon Mr. Brooks,

The following are the determined Constituents of Concern (COC) relating the 500 gallon Fertilizer release reported near the intersection of SR-29 & SR-82. The department used the provided SDS & material labels, as well as commonly found composition impurities surrounding these materials in the COC determination:

- Sodium
- Nitrate
- Nitrite
- Sulfate
- Manganese
- Iron
- Copper
- Zink
- Molybdenum
- Boron
- Ammonia
- Fluoride
- Arsenic
- Cadmium
- Chromium
- Lead
- Nickel
- Beryllium
- Uranium

The department will like to see the areas reported to be impacted by the liquid fertilizer accidental release (North & South Bound shoulder of the roadway near the spill site) be assessed for the specified COC's to determine whether they are found to be above the department's cleanup target levels and will need to be removed.

Below is a list of contractors who can help you put together a path moving forward.

### 24-HOUR EMERGENCY RESPONSE CONTRACTORS LIST

Emergency Response Contractors are listed by the county in which they maintain an office.

Most Emergency Response Contractors can provide service to other counties and some provide service statewide.

OER does not endorse any contractor and a firm's absence or presence does not imply prejudice or impropriety.

Please follow this link: <https://floridadep.gov/oer/oer/content/contractor-list>

Please feel free to call me if you have any questions.



#### Lina Cerquera

Florida Department of Environmental Protection  
South District – Office of Emergency Response  
Environmental Consultant  
[Lina.Cerquera@FloridaDEP.gov](mailto:Lina.Cerquera@FloridaDEP.gov)  
Office: 239-344-5707  
SWO (24 Hour) : 800-320-0519

---

**From:** Angelica Betancourt <[aprince@liquidplant.com](mailto:aprince@liquidplant.com)>  
**Sent:** Thursday, October 3, 2019 2:17 PM  
**To:** Goense, Patricia <[Patricia.Goense@FloridaDEP.gov](mailto:Patricia.Goense@FloridaDEP.gov)>  
**Subject:** Requested SDS

Please see attached SDS..

Thank you,

Angelica Betancourt  
The Liquid Plant, Inc.  
1001 County Road 846  
Immokalee, FL 34142  
P:(239)657-3181  
F:(239)657-6898



*Email sent interoffice must adhere to the Howard Fertilizer and Chemical Email Policy [Link](#)*

This email and any files transmitted with it are confidential and intended solely for the use of the individual or entity to whom they are addressed. If you have received this email in error please notify the [System Administrator](#). This message contains confidential information and is intended only for the individual named. 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 and delete this e-mail from your system. If you are not the intended recipient you are notified that disclosing, copying, distributing or taking any action in reliance on the contents of this information is strictly prohibited.

**Attachment 3 –  
Temporary Monitor Well Construction Logs**



# RECORD OF WELL DRILLING, CONSTRUCTION, AND COMPLETION

Howard Fertilizer  
 Spill Site-Corkscrew

SITE ID TMW-E STATION NAME Howard Fertilizer Spill Site-Corkscrew OTHER ID TMW-East

7.5 QUAD N/A COUNTY Collier County STATE Florida

OWNER Howard Fertilizer & Chemical Co. DRILLER Temporary Monitor Well by M&D Industrial Services, LLC

## WELL DRILLING

START DRILLING: DATE 10 / 30 / 2019 TIME 10 : 41 am EST

COMPLETE DRILLING: DATE 10 / 30 / 2019 TIME 11 : 00 pm EST

## EQUIPMENT/MATERIALS DECONTAMINATION PROCEDURES:

DETERGENT WASH Alconox/Water; STEAM CLEANED N/A; OTHER N/A

## DRILLING METHOD:

AUGER (TYPE: Hand Auger);  ROTARY (TYPE: \_\_\_\_\_)

PERCUSSION (TYPE: \_\_\_\_\_);  OTHER \_\_\_\_\_

## BOREHOLE DATA:

BOREHOLE DIAMETER: 4.0 inches; TOTAL DEPTH OF BOREHOLE: 10.3 feet;

APPROXIMATE DEPTH TO THE WATER TABLE: 5.2 feet Well Screen - 5 to 10 ft bls

MATERIAL DESCRIPTION				FROM	TO	THICKNESS
SAND, SILT, CLAY ETC	SORTING	COLOR	WET/DRY	feet	feet	feet
Sand/Silt	---	Dark Brown	Dry	0	1.5	1.5
Sand/Silt	---	Darker Brown	Dry	1.5	2.5	1.0
Sand	---	Tan	Dry	2.5	4.0	1.5
Sand	---	Light Tan	Wet	4.0	10.3	6.3

**Figure 8.** Examples of forms used to record well-drilling, -construction, and -completion information, and to diagram well construction.



**Attachment 4 –  
Temporary Monitor Well Construction Logs**







## DEP Form FD 9000-24: GROUNDWATER SAMPLING LOG

SITE NAME: <b>Howard Fertilizer Spill</b>	SITE LOCATION: <b>Approx 1 mile South on SR29 and SR82, Corkscrew, FL</b>
WELL NO: <b>TMW-West</b>	SAMPLE ID: <b>TMW-W</b> DATE: <b>10-31-2019</b>

### PURGING DATA

WELL DIAMETER (inches): <b>2.0</b>	TUBING DIAMETER (inches): <b>3/8</b>	WELL SCREEN INTERVAL DEPTH: <b>0 feet to 5.0 feet</b>	STATIC DEPTH TO WATER (feet): <b>3.78</b>	PURGE PUMP TYPE OR BAILER: <b>PP</b>							
<b>WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH - STATIC DEPTH TO WATER) X WELL CAPACITY</b> (only fill out if applicable) = ( <b>5.32</b> feet - <b>3.78</b> feet ) X <b>0.16</b> gallons/foot = <b>0.25</b> gallons											
<b>EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME</b> (only fill out if applicable) = <b>0.01</b> gallons + ( <b>0.006</b> gallons/foot X <b>9.0</b> feet ) + <b>0.2</b> gallons = <b>0.26</b> gallons											
INITIAL PUMP OR TUBING DEPTH IN WELL (feet): <b>4.5</b>	FINAL PUMP OR TUBING DEPTH IN WELL (feet): <b>4.5</b>	PURGING INITIATED AT: <b>1015</b>	PURGING ENDED AT: <b>1048</b>	TOTAL VOLUME PURGED (gallons): <b>2.5</b>							
TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) $\mu\text{mhos/cm}$ or $\mu\text{S/cm}$	DISSOLVED OXYGEN (circle units) $\text{mg/L}$ or % saturation	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
1030	1.0	1.0	0.1	3.78	7.02	27.6	725	6.34	9.70	Lt. yellow	None
1042	1.0	2.0	0.1	3.78	7.01	27.6	720	6.19	7.69	Lt. yellow	None
1048	0.5	2.5	0.1	3.78	7.07	27.7	731	6.25	6.84	Lt. yellow	None
<b>WELL CAPACITY (Gallons Per Foot):</b> 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 <b>TUBING INSIDE DIA. CAPACITY (Gal./Ft.):</b> 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											
<b>PURGING EQUIPMENT CODES:</b> B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)											

### SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Victor San Agustin / M&D Industrial Services				SAMPLER(S) SIGNATURE(S): <i>Victor L. San Agustin</i> 10-31-2019			SAMPLING INITIATED AT: <b>1054</b>		SAMPLING ENDED AT: <b>1100</b>	
PUMP OR TUBING DEPTH IN WELL (feet): <b>4.5 ft</b>				TUBING MATERIAL CODE: <b>LDPE</b>		FIELD-FILTERED: Y <b>N</b>		FILTER SIZE: _____ $\mu\text{m}$		
FIELD DECONTAMINATION: PUMP Y <b>N</b> replaced				TUBING Y <b>N</b> (replaced)		DUPLICATE: Y <b>N</b>				
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				
TMWW	1	Plastic	125 ml	H2SO4	N/A	N/A	AMN		APP	~200
TMWW	1	Plastic	125 ml	NONE	N/A	N/A	SO4,NO3,NO2, F		APP	~200
TMWW	1	Plastic	205 ml	HNO3	N/A	N/A	Metals		APP	~200
TMWW	1	Plastic	500 ml	HNO3	N/A	N/A	Uranium		APP	~200
TMWW	1	Plastic	250 ml	HNO3	N/A	N/A	Boron		APP	~200
REMARKS:										
<b>MATERIAL CODES:</b> AG = Amber Glass; CG = Clear Glass; HDPE = High Density Polyethylene; LDPE = Low Density Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)										
<b>SAMPLING EQUIPMENT CODES:</b> 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:**  $\pm 0.2$  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)