

APPENDIX C

ENVIRONMENTAL DATABASE REPORT

SR 16 From IGP To I-95

SR 16 From IGP To I-95

Saint Augustine, FL 32092

Inquiry Number: 7458221.5s

September 29, 2023

EDR Area / Corridor Report



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TABLE OF CONTENTS

<u>SECTION</u>	<u>PAGE</u>
Executive Summary	ES1
Mapped Sites Summary	2
Key Map	3
Map Findings Summary	4
Focus Maps	8
Map Findings	32
Orphan Summary	OR-1
Government Records Searched/Data Currency Tracking	GR-1

Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

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EXECUTIVE SUMMARY

A search of available environmental records was conducted by Environmental Data Resources, Inc (EDR). The report was designed to assist parties seeking to meet the search requirements of EPA's Standards and Practices for All Appropriate Inquiries (40 CFR Part 312), the ASTM Standard Practice for Environmental Site Assessments (E1527 - 21), the ASTM Standard Practice for Environmental Site Assessments for Forestland or Rural Property (E2247 - 16), the ASTM Standard Practice for Limited Environmental Due Diligence: Transaction Screen Process (E1528 - 22) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

SUBJECT PROPERTY INFORMATION

ADDRESS

SR 16 FROM IGP TO I-95
SAINT AUGUSTINE, FL 32092

TARGET PROPERTY SEARCH RESULTS

The Target Property was identified in the following databases.

Page Numbers and Map Identifications refer to the EDR Area/Corridor Report where detailed data on individual sites can be reviewed.

Sites listed in ***bold italics*** are in multiple databases.

STANDARD ENVIRONMENTAL RECORDS

Lists of state and tribal leaking storage tanks

LUST: Petroleum Contamination Detail Report

A review of the LUST list, as provided by EDR, and dated 04/24/2023 has revealed that there is 1 LUST site within the requested target property.

<u>Site</u>	<u>Address</u>	<u>Map ID / Focus Map(s)</u>	<u>Page</u>
<i>TEXACO #24-110-0004-</i> Discharge Cleanup Status: RA - RA ONGOING Facility Status: CLOSED Facility-Site Id: 8515920	<i>2500 HWY 16</i>	<i>D20 / 9</i>	<i>44</i>

Lists of state and tribal registered storage tanks

UST: Storage Tank Facility Information

A review of the UST list, as provided by EDR, has revealed that there are 2 UST sites within the requested target property.

<u>Site</u>	<u>Address</u>	<u>Map ID / Focus Map(s)</u>	<u>Page</u>
DAYS INN-INTERSTATE Database: UST, Date of Government Version: 05/11/2023 Tank Status: B	I-95 & HWY 16	D18 / 9	42

EXECUTIVE SUMMARY

Facility-Site Id: 8838457
Facility Status: CLOSED

TEXACO #24-110-0004- 2500 HWY 16 D20 / 9 44
Database: UST, Date of Government Version: 05/11/2023
Tank Status: B
Facility-Site Id: 8515920
Facility Status: CLOSED

AST: Storage Tank Facility Information

A review of the AST list, as provided by EDR, has revealed that there are 2 AST sites within the requested target property.

<u>Site</u>	<u>Address</u>	<u>Map ID / Focus Map(s)</u>	<u>Page</u>
SENIOR LIVING AT THE Database: AST, Date of Government Version: 05/11/2023 Facility-Site Id: 9819288 Facility Status: OPEN Facility Status: OPEN	4960 STATE RD 16	A3 / 5	31
SENIOR LIVING AT THE Database: AST, Date of Government Version: 05/11/2023 Facility-Site Id: 9819295 Facility Status: OPEN Facility Status: OPEN	4950 STATE RD 16	A7 / 5	36

ADDITIONAL ENVIRONMENTAL RECORDS

Other Ascertainable Records

ECHO: Enforcement & Compliance History Information

A review of the ECHO list, as provided by EDR, and dated 06/24/2023 has revealed that there are 7 ECHO sites within the requested target property.

<u>Site</u>	<u>Address</u>	<u>Map ID / Focus Map(s)</u>	<u>Page</u>
MURABELLA UNIT THREE Registry ID: 110040329533	SR-16 & SAN GIACOMO	1 / 5	31
SENIOR LIVING AT THE Registry ID: 110071097892	4960 STATE ROAD 16	A2 / 5	31
ST JOHNS COUNTY SR 1 Registry ID: 110056401406	UNKNOWN	8 / 5	37
SR16 SELF STORAGE Registry ID: 110070500240	4855 SR 16	B9 / 5	37
CALVAY BAPTIST CHURCH Registry ID: 110020550777	PIN027440-0040	11 / 6	38
NORTH CONGREGATION O Registry ID: 110032784235	2920 SR 16	16 / 9	42
SR-16 WIDENING PROJE	SR-16	17 / 9	42

EXECUTIVE SUMMARY

Registry ID: 110037474186

CLEANUP SITES: DEP Cleanup Sites - Contamination Locator Map Listing

A review of the CLEANUP SITES list, as provided by EDR, and dated 11/29/2022 has revealed that there is 1 CLEANUP SITES site within the requested target property.

<u>Site</u>	<u>Address</u>	<u>Map ID / Focus Map(s)</u>	<u>Page</u>
TEXACO #24-110-0004- DEP Cleanup Site Key: 74755667	2500 HWY 16	D20 / 9	44

DWM CONTAM: DWM CONTAMINATED SITES

A review of the DWM CONTAM list, as provided by EDR, and dated 10/12/2022 has revealed that there is 1 DWM CONTAM site within the requested target property.

<u>Site</u>	<u>Address</u>	<u>Map ID / Focus Map(s)</u>	<u>Page</u>
TEXACO #24-110-0004- Program Site Id: 8515920	2500 HWY 16	D20 / 9	44

Financial Assurance: Financial Assurance Information Listing

A review of the Financial Assurance list, as provided by EDR, has revealed that there are 3 Financial Assurance sites within the requested target property.

<u>Site</u>	<u>Address</u>	<u>Map ID / Focus Map(s)</u>	<u>Page</u>
SENIOR LIVING AT THE Database: Financial Assurance 3, Date of Government Version: 05/09/2023 Facility Status: OPEN Facility ID: 9819288	4960 STATE RD 16	A5 / 5	34
SENIOR LIVING AT THE Database: Financial Assurance 3, Date of Government Version: 05/09/2023 Facility Status: OPEN Facility ID: 9819295	4950 STATE RD 16	A6 / 5	35
TEXACO #24-110-0004- Database: Financial Assurance 3, Date of Government Version: 05/09/2023 Facility Status: CLOSED Facility ID: 8515920	2500 HWY 16	D20 / 9	44

NPDES: Wastewater Facility Regulation Database

A review of the NPDES list, as provided by EDR, and dated 05/01/2023 has revealed that there are 6 NPDES sites within the requested target property.

<u>Site</u>	<u>Address</u>	<u>Map ID / Focus Map(s)</u>	<u>Page</u>
SENIOR LIVING AT THE Status: A	4960 STATE ROAD 16	A4 / 5	34

EXECUTIVE SUMMARY

Facility ID: FLG073140			
SR16 SELF STORAGE	4855 SR 16	B10 / 5	38
Status: A			
Facility ID: FLR20BW43			
TOMOKA PINES		C12 / 6	39
Status: A			
Facility ID: FLR20BM85			
Facility ID: FLR10RM86			
GRAND OAKS PHASE 1A		C13 / 6	40
Status: A			
Facility ID: FLR10TS78			
GRAND OAKS PH 1D-1		C14 / 6	41
Status: A			
Facility ID: FLR20DH91			
PARK PLACE AKA TOMOK		15 / 9	41
Status: A			
Facility ID: FLR10PK86			

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR Hist Auto: EDR Exclusive Historical Auto Stations

A review of the EDR Hist Auto list, as provided by EDR, has revealed that there is 1 EDR Hist Auto site within the requested target property.

<u>Site</u>	<u>Address</u>	<u>Map ID / Focus Map(s)</u>	<u>Page</u>
ST AUGUSTINE GROCCO	2500 STATE HWY 16	D19 / 9	44

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA LUST: Recovered Government Archive Leaking Underground Storage Tank

A review of the RGA LUST list, as provided by EDR, has revealed that there is 1 RGA LUST site within the requested target property.

<u>Site</u>	<u>Address</u>	<u>Map ID / Focus Map(s)</u>	<u>Page</u>
TEXACO #24-110-0004- Facility ID: 8515920	2500 HWY 16	D21 / 9	55

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified in the following databases.

EXECUTIVE SUMMARY

Page Numbers and Map Identifications refer to the EDR Area/Corridor Report where detailed data on individual sites can be reviewed.

Sites listed in ***bold italics*** are in multiple databases.

Unmappable (orphan) sites are not considered in the foregoing analysis.

STANDARD ENVIRONMENTAL RECORDS

Lists of Federal RCRA generators

RCRA-VSQG: RCRA - Very Small Quantity Generators (Formerly Conditionally Exempt Small Quantity Generators)

A review of the RCRA-VSQG list, as provided by EDR, and dated 07/24/2023 has revealed that there are 2 RCRA-VSQG sites within approximately 0.25 miles of the requested target property.

<u>Site</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID / Focus Map(s)</u>	<u>Page</u>
CVS PHARMACY #0652 EPA ID:: FLR000185538	57 TUSCAN WAY	S 0 - 1/8 (0.072 mi.)	H38 / 5	118
PUBLIX SUPER MARKET EPA ID:: FLR000249888	84 TUSCAN WAY	S 0 - 1/8 (0.098 mi.)	J46 / 5	128

Lists of state and tribal leaking storage tanks

LUST: Petroleum Contamination Detail Report

A review of the LUST list, as provided by EDR, and dated 04/24/2023 has revealed that there are 10 LUST sites within approximately 0.5 miles of the requested target property.

<u>Site</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID / Focus Map(s)</u>	<u>Page</u>
<i>EXXON STATION</i> Discharge Cleanup Status: SRCR - SRCR COMPLETE Discharge Cleanup Status: RA - RA ONGOING Facility Status: OPEN Facility-Site Id: 8515941	<i>2450 I-95 & HWY 16</i>	<i>SW 0 - 1/8 (0.012 mi.)</i>	<i>E22 / 9</i>	<i>55</i>
<i>QUALITY INN MOTEL</i> Discharge Cleanup Status: SRCR - SRCR COMPLETE Facility Status: CLOSED Facility-Site Id: 9102843	<i>2445 SR 16</i>	<i>SSE 0 - 1/8 (0.017 mi.)</i>	<i>E23 / 9</i>	<i>78</i>
<i>HORTONS STORE-MILL C</i> Discharge Cleanup Status: NFAC - NO FURTHER ACTION WITH CONDITIONS Facility Status: CLOSED Facility-Site Id: 8839690	<i>5405 HWY 16</i>	<i>W 0 - 1/8 (0.063 mi.)</i>	<i>G37 / 5</i>	<i>113</i>
<i>SHELL-FIRST COAST EN</i> Discharge Cleanup Status: RA - RA ONGOING Discharge Cleanup Status: INEL - INELIGIBLE FOR CLEANUP ASSISTANCE Facility Status: OPEN Facility-Site Id: 8515998	<i>2355 HWY SR 16</i>	<i>ESE 0 - 1/8 (0.118 mi.)</i>	<i>50 / 9</i>	<i>132</i>
<i>ST JOHNS CNTY SCHOOL</i>	<i>3725 NINE MILE RD</i>	<i>N 1/8 - 1/4 (0.142 mi.)</i>	<i>K55 / 2</i>	<i>175</i>

EXECUTIVE SUMMARY

Discharge Cleanup Status: SRCR - SRCR COMPLETE
 Facility Status: CLOSED
 Facility-Site Id: 9200912

RACEWAY #774	2335 SR 16	ESE 1/4 - 1/2 (0.275 mi.)	M63 / 10	184
Discharge Cleanup Status: RA - RA ONGOING				
Facility Status: CLOSED				
Facility-Site Id: 8516011				
SHELL-FIRST COAST EN	SR 16 & I-95	ESE 1/4 - 1/2 (0.316 mi.)	N66 / 12	190
Discharge Cleanup Status: NREQ - CLEANUP NOT REQUIRED				
Discharge Cleanup Status: SRCR - SRCR COMPLETE				
Facility Status: CLOSED				
Facility-Site Id: 8631101				
GATE #1207	2350 HWY 16 @ I-95	ESE 1/4 - 1/2 (0.320 mi.)	N67 / 10	200
Discharge Cleanup Status: NFA - NFA COMPLETE				
Discharge Cleanup Status: VCCR - VERIFIED CONTAMINATION, CLEANUP REQUIRED				
Facility Status: OPEN				
Facility-Site Id: 8515980				
CITGO	2365 HWY 16	SE 1/4 - 1/2 (0.323 mi.)	O73 / 12	303
Discharge Cleanup Status: SRCR - SRCR COMPLETE				
Discharge Cleanup Status: VCCR - VERIFIED CONTAMINATION, CLEANUP REQUIRED				
Facility Status: CLOSED				
Facility-Site Id: 8735145				
CIRCLE K #2721255	2330 SR 16	E 1/4 - 1/2 (0.349 mi.)	P75 / 10	318
Discharge Cleanup Status: RA - RA ONGOING				
Discharge Cleanup Status: NREQ - CLEANUP NOT REQUIRED				
Discharge Cleanup Status: SRCR - SRCR COMPLETE				
Facility Status: OPEN				
Facility-Site Id: 8942853				

Lists of state and tribal registered storage tanks

UST: Storage Tank Facility Information

A review of the UST list, as provided by EDR, has revealed that there are 8 UST sites within approximately 0.25 miles of the requested target property.

<u>Site</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID / Focus Map(s)</u>	<u>Page</u>
EXXON STATION	2450 I-95 & HWY 16	SW 0 - 1/8 (0.012 mi.)	E22 / 9	55
Database: UST, Date of Government Version: 05/11/2023				
Tank Status: B				
Tank Status: U				
Facility-Site Id: 8515941				
Facility Status: OPEN				
QUALITY INN MOTEL	2445 SR 16	SSE 0 - 1/8 (0.017 mi.)	E23 / 9	78
Database: UST, Date of Government Version: 05/11/2023				
Tank Status: B				
Facility-Site Id: 9102843				
Facility Status: CLOSED				
RACETRAC #156	2711 STATE ROAD 16	SW 0 - 1/8 (0.051 mi.)	32 / 9	91
Database: UST, Date of Government Version: 05/11/2023				

EXECUTIVE SUMMARY

Tank Status: U
 Facility-Site Id: 9810366
 Facility Status: OPEN

HORTONS STORE-MILL C **5405 HWY 16** **W 0 - 1/8 (0.063 mi.)** **G37 / 5** **113**

Database: UST, Date of Government Version: 05/11/2023
 Tank Status: B
 Facility-Site Id: 8839690
 Facility Status: CLOSED

SHELL-FIRST COAST EN **2355 HWY SR 16** **ESE 0 - 1/8 (0.118 mi.)** **50 / 9** **132**

Database: UST, Date of Government Version: 05/11/2023
 Tank Status: B
 Tank Status: U
 Facility-Site Id: 8515998
 Facility Status: OPEN

7-ELEVEN STORE #4210 **3735 INTERNATIONAL G** **N 1/8 - 1/4 (0.130 mi.)** **K51 / 2** **163**

Database: UST, Date of Government Version: 05/11/2023
 Tank Status: U
 Facility-Site Id: 9818999
 Facility Status: OPEN

ST JOHNS CNTY SCHOOL **3725 NINE MILE RD** **N 1/8 - 1/4 (0.142 mi.)** **K55 / 2** **175**

Database: UST, Date of Government Version: 05/11/2023
 Tank Status: B
 Facility-Site Id: 9200912
 Facility Status: CLOSED

CHARLES RUSINA **2595 CR 208** **SW 1/8 - 1/4 (0.170 mi.)** **58 / 9** **180**

Database: UST, Date of Government Version: 05/11/2023
 Tank Status: B
 Facility-Site Id: 9201670
 Facility Status: CLOSED

AST: Storage Tank Facility Information

A review of the AST list, as provided by EDR, has revealed that there are 5 AST sites within approximately 0.25 miles of the requested target property.

<u>Site</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID / Focus Map(s)</u>	<u>Page</u>
BELLSOUTH TEL INC 3K Database: AST, Date of Government Version: 05/11/2023 Facility-Site Id: 9700052 Facility Status: OPEN Facility Status: OPEN	4875 HWY 16	SSW 0 - 1/8 (0.048 mi.)	31 / 5	89
ST JOHNS CNTY UTIL-T Database: AST, Date of Government Version: 05/11/2023 Facility-Site Id: 9814184 Facility Status: OPEN Facility Status: OPEN	4525 SR 16	SSW 0 - 1/8 (0.053 mi.)	33 / 6	106
CLYDE E LASSEN STATE Database: AST, Date of Government Version: 05/11/2023 Facility-Site Id: 9812148 Facility Status: OPEN Facility Status: OPEN	4650 STATE ROAD 16	NNE 0 - 1/8 (0.093 mi.)	I43 / 5	126
MILL CREEK ACADEMY Database: AST, Date of Government Version: 05/11/2023	3750 INTERNATIONAL G	N 1/8 - 1/4 (0.133 mi.)	K54 / 2	172

EXECUTIVE SUMMARY

Facility-Site Id: 9817292

Facility Status: OPEN

Facility Status: OPEN

PUBLIX SUPER MARKET

84 TURIN TERRACE

S 1/8 - 1/4 (0.201 mi.)

59 / 5

181

Database: AST, Date of Government Version: 05/11/2023

Facility-Site Id: 9810749

Facility Status: OPEN

Facility Status: OPEN

State and tribal institutional control / engineering control registries

INST CONTROL: Institutional Controls Registry

A review of the INST CONTROL list, as provided by EDR, and dated 06/23/2023 has revealed that there is 1 INST CONTROL site within approximately 0.5 miles of the requested target property.

<u>Site</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID / Focus Map(s)</u>	<u>Page</u>
HORTONS STORE-MILL C Facility-Site Id: ERIC_7074 Facility-Site Id: 8839690	5405 HIGHWAY 16	W 0 - 1/8 (0.063 mi.)	G36 / 5	108

ADDITIONAL ENVIRONMENTAL RECORDS

Local Lists of Hazardous waste / Contaminated Sites

FI Sites: Sites List

A review of the FI Sites list, as provided by EDR, and dated 12/31/1989 has revealed that there is 1 FI Sites site within approximately 1 mile of the requested target property.

<u>Site</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID / Focus Map(s)</u>	<u>Page</u>
SILVEX CORP. EPA ID: FLD061919668 Facility-Site Id: 000034	SR 16 8MILES WEST OR	E 0 - 1/8 (0.088 mi.)	41 / 9	125

Other Ascertainable Records

RCRA NonGen / NLR: RCRA - Non Generators / No Longer Regulated

A review of the RCRA NonGen / NLR list, as provided by EDR, and dated 07/24/2023 has revealed that there is 1 RCRA NonGen / NLR site within approximately 0.25 miles of the requested target property.

<u>Site</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID / Focus Map(s)</u>	<u>Page</u>
STAR ENTERPRISE EPA ID:: FLD984190942	2500 SR 16	NE 0 - 1/8 (0.038 mi.)	F27 / 9	83

EXECUTIVE SUMMARY

PFAS ECHO: Facilities in Industries that May Be Handling PFAS Listing

A review of the PFAS ECHO list, as provided by EDR, and dated 07/05/2023 has revealed that there is 1 PFAS ECHO site within approximately 0.25 miles of the requested target property.

<u>Site</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID / Focus Map(s)</u>	<u>Page</u>
MILL CREEK ELEMENTAR	3750 INTERNATIONAL G	N 1/8 - 1/4 (0.133 mi.)	K52 / 2	170

DWM CONTAM: DWM CONTAMINATED SITES

A review of the DWM CONTAM list, as provided by EDR, and dated 10/12/2022 has revealed that there are 10 DWM CONTAM sites within approximately 0.5 miles of the requested target property.

<u>Site</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID / Focus Map(s)</u>	<u>Page</u>
EXXON STATION Program Site Id: 8515941	2450 I-95 & HWY 16	SW 0 - 1/8 (0.012 mi.)	E22 / 9	55
QUALITY INN MOTEL Program Site Id: 9102843	2445 SR 16	SSE 0 - 1/8 (0.017 mi.)	E23 / 9	78
HORTONS STORE-MILL C Program Site Id: 8839690	5405 HWY 16	W 0 - 1/8 (0.063 mi.)	G37 / 5	113
SHELL-FIRST COAST EN Program Site Id: 8515998	2355 HWY SR 16	ESE 0 - 1/8 (0.118 mi.)	50 / 9	132
ST JOHNS CNTY SCHOOL Program Site Id: 9200912	3725 NINE MILE RD	N 1/8 - 1/4 (0.142 mi.)	K55 / 2	175
RACEWAY #774 Program Site Id: 8516011	2335 SR 16	ESE 1/4 - 1/2 (0.275 mi.)	M63 / 10	184
SHELL-FIRST COAST EN Program Site Id: 8631101	SR 16 & I-95	ESE 1/4 - 1/2 (0.316 mi.)	N66 / 12	190
GATE #1207 Program Site Id: 8515980	2350 HWY 16 @ I-95	ESE 1/4 - 1/2 (0.320 mi.)	N67 / 10	200
CITGO Program Site Id: 8735145	2365 HWY 16	SE 1/4 - 1/2 (0.323 mi.)	O73 / 12	303
CIRCLE K #2721255 Program Site Id: 8942853	2330 SR 16	E 1/4 - 1/2 (0.349 mi.)	P74 / 10	313

HAZ WASTE: Hazardous Waste Information Listing

A review of the HAZ WASTE list, as provided by EDR, and dated 05/15/2023 has revealed that there are 13 HAZ WASTE sites within approximately 0.25 miles of the requested target property.

<u>Site</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID / Focus Map(s)</u>	<u>Page</u>
ADVENTURE LANDING ST	2780 SR 16	NE 0 - 1/8 (0.042 mi.)	28 / 9	88
HUSTLER'S OF HOLLYWO	2575 SR 16	SW 0 - 1/8 (0.045 mi.)	29 / 9	88
CVS PHARMACY #0652	57 TUSCAN WAY	S 0 - 1/8 (0.072 mi.)	H39 / 5	124
AUTOZONE #4479	5465 STATE ROAD 16	W 0 - 1/8 (0.084 mi.)	G40 / 5	124
CLYDE L LASSEN VETER	4650 SR 16	NNE 0 - 1/8 (0.093 mi.)	I42 / 5	125
MURABELLA CLEANERS	46 TUSCAN WAY	S 0 - 1/8 (0.096 mi.)	H45 / 5	127
PUBLIX #1239	84 TUSCAN WAY	S 0 - 1/8 (0.098 mi.)	J47 / 5	131
FLAGLER AFTER HOURS	52 TUSCAN WAY STE 20	S 0 - 1/8 (0.100 mi.)	H48 / 5	131
FLAGLER FAMILY MEDIC	52 TUSCAN WAY STE 20	S 0 - 1/8 (0.100 mi.)	H49 / 5	132
MILL CREEK ELEMENTAR	3750 INTERNATIONAL G	N 1/8 - 1/4 (0.133 mi.)	K53 / 2	172

EXECUTIVE SUMMARY

<u>Site</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID / Focus Map(s)</u>	<u>Page</u>
WALGREEN'S	5440 SR 16	WNW 1/8 - 1/4 (0.146 mi.)	57 / 4	180
PANEL TEK	200 COMMERCIAL DR ST	S 1/8 - 1/4 (0.233 mi.)	L60 / 11	183
S A ROBINSON CONSTRU	200 COMMERCIAL DR	S 1/8 - 1/4 (0.233 mi.)	L61 / 11	183

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR Hist Auto: EDR Exclusive Historical Auto Stations

A review of the EDR Hist Auto list, as provided by EDR, has revealed that there are 3 EDR Hist Auto sites within approximately 0.25 miles of the requested target property.

<u>Site</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID / Focus Map(s)</u>	<u>Page</u>
ST AUGUSTINE GROC CO	2500 STATE RD 16	NE 0 - 1/8 (0.038 mi.)	F25 / 9	83
L SQUARED INDUSTRIES	2450 STATE RD 16	NE 0 - 1/8 (0.046 mi.)	30 / 9	89
ORANGE STOP	2375 STATE ROAD 16	ESE 1/8 - 1/4 (0.237 mi.)	M62 / 10	184

EDR Hist Cleaner: EDR Exclusive Historical Cleaners

A review of the EDR Hist Cleaner list, as provided by EDR, has revealed that there is 1 EDR Hist Cleaner site within approximately 0.25 miles of the requested target property.

<u>Site</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID / Focus Map(s)</u>	<u>Page</u>
MURABELLA CLEANERS	46 TUSCAN WAY	S 0 - 1/8 (0.096 mi.)	H44 / 5	127

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA LUST: Recovered Government Archive Leaking Underground Storage Tank

A review of the RGA LUST list, as provided by EDR, has revealed that there are 13 RGA LUST sites within approximately 0.5 miles of the requested target property.

<u>Site</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID / Focus Map(s)</u>	<u>Page</u>
QUALITY INN MOTEL Facility ID: 9102843	2445 SR 16	SSE 0 - 1/8 (0.017 mi.)	E24 / 9	82
TEXACO #24-110-0004- Facility ID: 8515920	2500 SR 16	NE 0 - 1/8 (0.038 mi.)	F26 / 9	83
HORTONS STORE-MILL C Facility ID: 8839690	5405 HWY 16	W 0 - 1/8 (0.063 mi.)	G34 / 5	107
MILL CREEK GROCERY & Facility ID: 8839690	5405 HWY 16	W 0 - 1/8 (0.063 mi.)	G35 / 5	108
ST JOHNS CNTY SCHOOL	3725 NINE MILE RD	N 1/8 - 1/4 (0.142 mi.)	K56 / 2	179

EXECUTIVE SUMMARY

Facility ID: 9200912				
SHELL-FIRST COAST EN	2355 HWY 16	ESE 1/4 - 1/2 (0.293 mi.)	N64 / 10	190
Facility ID: 8515998				
SHELL-FIRST COAST EN	2355 HWY 16	ESE 1/4 - 1/2 (0.293 mi.)	N65 / 10	190
Facility ID: 8515998				
GATE #1207	2350 HWY 16 @ I-95	ESE 1/4 - 1/2 (0.320 mi.)	N68 / 10	301
Facility ID: 8515980				
GATE #1207	2350 HWY 16 @ I-95	ESE 1/4 - 1/2 (0.320 mi.)	N69 / 10	302
Facility ID: 8515980				
SPEEDWAY #8235	2350 HWY 16 @ I 95	ESE 1/4 - 1/2 (0.320 mi.)	N70 / 10	302
Facility ID: 8515980				
SPEEDWAY #8235	2350 HWY 16	ESE 1/4 - 1/2 (0.320 mi.)	N71 / 10	302
Facility ID: 8515980				
CITGO	2365 HWY 16	SE 1/4 - 1/2 (0.323 mi.)	O72 / 12	302
Facility ID: 8735145				
RACEWAY #774	2335 SR 16	ESE 1/4 - 1/2 (0.355 mi.)	76 / 12	354
Facility ID: 8516011				

MAPPED SITES SUMMARY

Target Property:
SR 16 FROM IGP TO I-95
SAINT AUGUSTINE, FL 32092

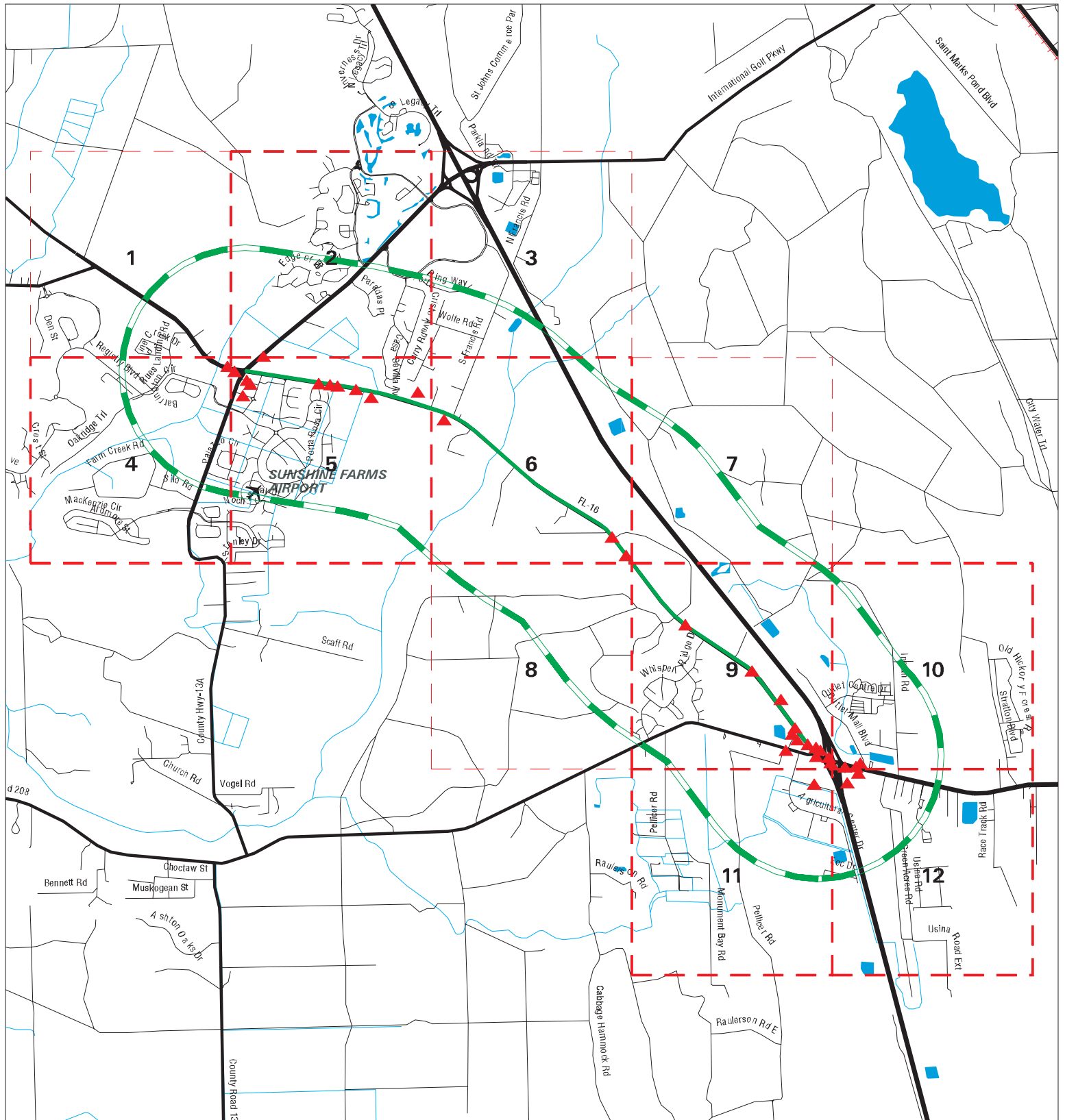
MAP ID / FOCUS MAP	SITE NAME	ADDRESS	DATABASE ACRONYMS	DIST (ft. & mi.) DIRECTION
1 / 5	MURABELLA UNIT THREE	SR-16 & SAN GIACOMO	ECHO	TP
A2 / 5	SENIOR LIVING AT THE	4960 STATE ROAD 16	ECHO	TP
A3 / 5	SENIOR LIVING AT THE	4960 STATE RD 16	AST	TP
A4 / 5	SENIOR LIVING AT THE	4960 STATE ROAD 16	NPDES	TP
A5 / 5	SENIOR LIVING AT THE	4960 STATE RD 16	Financial Assurance	TP
A6 / 5	SENIOR LIVING AT THE	4950 STATE RD 16	Financial Assurance	TP
A7 / 5	SENIOR LIVING AT THE	4950 STATE RD 16	AST	TP
8 / 5	ST JOHNS COUNTY SR 1	UNKNOWN	ECHO	TP
B9 / 5	SR16 SELF STORAGE	4855 SR 16	ECHO	TP
B10 / 5	SR16 SELF STORAGE	4855 SR 16	NPDES	TP
11 / 6	CALVAY BAPTIST CHURC	PIN027440-0040	ECHO	TP
C12 / 6	TOMOKA PINES		NPDES	TP
C13 / 6	GRAND OAKS PHASE 1A		NPDES	TP
C14 / 6	GRAND OAKS PH 1D-1		NPDES	TP
15 / 9	PARK PLACE AKA TOMOK		NPDES	TP
16 / 9	NORTH CONGREGATION O	2920 SR 16	ECHO	TP
17 / 9	SR-16 WIDENING PROJE	SR-16	ECHO	TP
D18 / 9	DAYS INN-INTERSTATE	I-95 & HWY 16	UST	TP
D19 / 9	ST AUGUSTINE GROC CO	2500 STATE HWY 16	EDR Hist Auto	TP
D20 / 9	TEXACO #24-110-0004-	2500 HWY 16	LUST, UST, CLEANUP SITES, DWM CONTAM, Fi...	TP
D21 / 9	TEXACO #24-110-0004-	2500 HWY 16	RGA LUST	TP
E22 / 9	EXXON STATION	2450 I-95 & HWY 16	LUST, UST, CLEANUP SITES, DWM CONTAM, Fi...	62 0.012 SW
E23 / 9	QUALITY INN MOTEL	2445 SR 16	LUST, UST, DWM CONTAM	88 0.017 SSE
E24 / 9	QUALITY INN MOTEL	2445 SR 16	RGA LUST	88 0.017 SSE
F25 / 9	ST AUGUSTINE GROC CO	2500 STATE RD 16	EDR Hist Auto	200 0.038 NE
F26 / 9	TEXACO #24-110-0004-	2500 SR 16	RGA LUST	200 0.038 NE
F27 / 9	STAR ENTERPRISE	2500 SR 16	RCRA NonGen / NLR, ECHO	200 0.038 NE
28 / 9	ADVENTURE LANDING ST	2780 SR 16	HAZ WASTE	220 0.042 NE
29 / 9	HUSTLER'S OF HOLLYWO	2575 SR 16	HAZ WASTE	240 0.045 SW
30 / 9	L SQUARED INDUSTRIES	2450 STATE RD 16	EDR Hist Auto	242 0.046 NE
31 / 5	BELLSOUTH TEL INC 3K	4875 HWY 16	AST	255 0.048 SSW
32 / 9	RACETRAC #156	2711 STATE ROAD 16	UST, Financial Assurance	268 0.051 SW
33 / 6	ST JOHNS CNTY UTIL-T	4525 SR 16	AST	279 0.053 SSW
G34 / 5	HORTONS STORE-MILL C	5405 HWY 16	RGA LUST	332 0.063 West
G35 / 5	MILL CREEK GROCERY &	5405 HWY 16	RGA LUST	332 0.063 West
G36 / 5	HORTONS STORE-MILL C	5405 HIGHWAY 16	INST CONTROL	332 0.063 West
G37 / 5	HORTONS STORE-MILL C	5405 HWY 16	LUST, UST, DWM CONTAM, Financial Assuran...	332 0.063 West
H38 / 5	CVS PHARMACY #0652	57 TUSCAN WAY	RCRA-VSQG	379 0.072 South
H39 / 5	CVS PHARMACY #0652	57 TUSCAN WAY	HAZ WASTE	379 0.072 South

MAPPED SITES SUMMARY

Target Property:
SR 16 FROM IGP TO I-95
SAINT AUGUSTINE, FL 32092

MAP ID / FOCUS MAP	SITE NAME	ADDRESS	DATABASE ACRONYMS	DIST (ft. & mi.) DIRECTION		
G40 / 5	AUTOZONE #4479	5465 STATE ROAD 16	HAZ WASTE	445	0.084	West
41 / 9	SILVEX CORP.	SR 16 8MILES WEST OR	FI Sites	465	0.088	East
I42 / 5	CLYDE L LASSEN VETER	4650 SR 16	HAZ WASTE	489	0.093	NNE
I43 / 5	CLYDE E LASSEN STATE	4650 STATE ROAD 16	AST	489	0.093	NNE
H44 / 5	MURABELLA CLEANERS	46 TUSCAN WAY	EDR Hist Cleaner	507	0.096	South
H45 / 5	MURABELLA CLEANERS	46 TUSCAN WAY	HAZ WASTE	507	0.096	South
J46 / 5	PUBLIX SUPER MARKET	84 TUSCAN WAY	RCRA-VSQG	516	0.098	South
J47 / 5	PUBLIX #1239	84 TUSCAN WAY	HAZ WASTE	516	0.098	South
H48 / 5	FLAGLER AFTER HOURS	52 TUSCAN WAY STE 20	HAZ WASTE	526	0.100	South
H49 / 5	FLAGLER FAMILY MEDIC	52 TUSCAN WAY STE 20	HAZ WASTE	526	0.100	South
50 / 9	SHELL-FIRST COAST EN	2355 HWY SR 16	LUST, UST, CLEANUP SITES, DWM CONTAM	621	0.118	ESE
K51 / 2	7-ELEVEN STORE #4210	3735 INTERNATIONAL G	UST, Financial Assurance	687	0.130	North
K52 / 2	MILL CREEK ELEMENTAR	3750 INTERNATIONAL G	ECHO, PFAS ECHO	700	0.133	North
K53 / 2	MILL CREEK ELEMENTAR	3750 INTERNATIONAL G	HAZ WASTE	700	0.133	North
K54 / 2	MILL CREEK ACADEMY	3750 INTERNATIONAL G	AST, Financial Assurance, NPDES	700	0.133	North
K55 / 2	ST JOHNS CNTY SCHOOL	3725 NINE MILE RD	LUST, UST, DWM CONTAM	748	0.142	North
K56 / 2	ST JOHNS CNTY SCHOOL	3725 NINE MILE RD	RGA LUST	748	0.142	North
57 / 4	WALGREEN'S	5440 SR 16	HAZ WASTE	771	0.146	WNW
58 / 9	CHARLES RUSINA	2595 CR 208	UST	900	0.170	SW
59 / 5	PUBLIX SUPER MARKET	84 TURIN TERRACE	AST	1059	0.201	South
L60 / 11	PANEL TEK	200 COMMERCIAL DR ST	HAZ WASTE	1231	0.233	South
L61 / 11	S A ROBINSON CONSTRU	200 COMMERCIAL DR	HAZ WASTE	1231	0.233	South
M62 / 10	ORANGE STOP	2375 STATE ROAD 16	EDR Hist Auto	1249	0.237	ESE
M63 / 10	RACEWAY #774	2335 SR 16	LUST, UST, CLEANUP SITES, DWM CONTAM	1451	0.275	ESE
N64 / 10	SHELL-FIRST COAST EN	2355 HWY 16	RGA LUST	1547	0.293	ESE
N65 / 10	SHELL-FIRST COAST EN	2355 HWY 16	RGA LUST	1547	0.293	ESE
N66 / 12	SHELL-FIRST COAST EN	SR 16 & I-95	LUST, UST, DWM CONTAM, Financial Assuran...	1668	0.316	ESE
N67 / 10	GATE #1207	2350 HWY 16 @ I-95	LUST, UST, CLEANUP SITES, DWM CONTAM, Fi...	1690	0.320	ESE
N68 / 10	GATE #1207	2350 HWY 16 @ I-95	RGA LUST	1690	0.320	ESE
N69 / 10	GATE #1207	2350 HWY 16 @ I-95	RGA LUST	1690	0.320	ESE
N70 / 10	SPEEDWAY #8235	2350 HWY 16 @ I 95	RGA LUST	1690	0.320	ESE
N71 / 10	SPEEDWAY #8235	2350 HWY 16	RGA LUST	1690	0.320	ESE
O72 / 12	CITGO	2365 HWY 16	RGA LUST	1706	0.323	SE
O73 / 12	CITGO	2365 HWY 16	LUST, UST, SPILLS, CLEANUP SITES, DWM CO...	1706	0.323	SE
P74 / 10	CIRCLE K #2721255	2330 SR 16	CLEANUP SITES, DWM CONTAM	1843	0.349	East
P75 / 10	CIRCLE K #2721255	2330 SR 16	LUST, UST, Financial Assurance	1843	0.349	East
76 / 12	RACEWAY #774	2335 SR 16	RGA LUST	1873	0.355	ESE

Key Map - 7458221.5s



- ▲ Sites
- Target Property
- Search Buffer
- Focus Map - No Sites
- Focus Map - Sites
- National Priority List Sites
- Dept. Defense Sites
- Indian Reservations BIA
- FL Brownfield

0 1 2 Miles

SITE NAME: SR 16 From IGP To I-95
 ADDRESS: SR 16 From IGP To I-95
 CITY/STATE: Saint Augustine FL
 ZIP: 32092

CLIENT: Aerostar SES LLC
 CONTACT: Kevin Ashman
 INQUIRY #: 7458221.5s
 DATE: 09/29/23

4:35 PM

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
<u>STANDARD ENVIRONMENTAL RECORDS</u>								
<i>Lists of Federal NPL (Superfund) sites</i>								
NPL	1.000		0	0	0	0	NR	0
Proposed NPL	1.000		0	0	0	0	NR	0
NPL LIENS	TP		NR	NR	NR	NR	NR	0
<i>Lists of Federal Delisted NPL sites</i>								
Delisted NPL	1.000		0	0	0	0	NR	0
<i>Lists of Federal sites subject to CERCLA removals and CERCLA orders</i>								
FEDERAL FACILITY	0.500		0	0	0	NR	NR	0
SEMS	0.500		0	0	0	NR	NR	0
<i>Lists of Federal CERCLA sites with NFRAP</i>								
SEMS-ARCHIVE	0.500		0	0	0	NR	NR	0
<i>Lists of Federal RCRA facilities undergoing Corrective Action</i>								
CORRACTS	1.000		0	0	0	0	NR	0
<i>Lists of Federal RCRA TSD facilities</i>								
RCRA-TSDF	0.500		0	0	0	NR	NR	0
<i>Lists of Federal RCRA generators</i>								
RCRA-LQG	0.250		0	0	NR	NR	NR	0
RCRA-SQG	0.250		0	0	NR	NR	NR	0
RCRA-VSQG	0.250		2	0	NR	NR	NR	2
<i>Federal institutional controls / engineering controls registries</i>								
LUCIS	0.500		0	0	0	NR	NR	0
US ENG CONTROLS	0.500		0	0	0	NR	NR	0
US INST CONTROLS	0.500		0	0	0	NR	NR	0
<i>Federal ERNS list</i>								
ERNS	TP		NR	NR	NR	NR	NR	0
<i>Lists of state- and tribal hazardous waste facilities</i>								
SHWS	1.000		0	0	0	0	NR	0
<i>Lists of state and tribal landfills and solid waste disposal facilities</i>								
SWF/LF	0.500		0	0	0	NR	NR	0
<i>Lists of state and tribal leaking storage tanks</i>								
LAST	0.500		0	0	0	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
LUST	0.500	1	4	1	5	NR	NR	11
INDIAN LUST	0.500		0	0	0	NR	NR	0
<i>Lists of state and tribal registered storage tanks</i>								
FEMA UST	0.250		0	0	NR	NR	NR	0
FF TANKS	0.250		0	0	NR	NR	NR	0
UST	0.250	2	5	3	NR	NR	NR	10
AST	0.250	2	3	2	NR	NR	NR	7
INDIAN UST	0.250		0	0	NR	NR	NR	0
TANKS	0.250		0	0	NR	NR	NR	0
<i>State and tribal institutional control / engineering control registries</i>								
ENG CONTROLS	0.500		0	0	0	NR	NR	0
INST CONTROL	0.500		1	0	0	NR	NR	1
<i>Lists of state and tribal voluntary cleanup sites</i>								
VCP	0.500		0	0	0	NR	NR	0
INDIAN VCP	0.500		0	0	0	NR	NR	0
<i>Lists of state and tribal brownfield sites</i>								
BROWNFIELDS	0.500		0	0	0	NR	NR	0
<u>ADDITIONAL ENVIRONMENTAL RECORDS</u>								
<i>Local Brownfield lists</i>								
US BROWNFIELDS	0.500		0	0	0	NR	NR	0
<i>Local Lists of Landfill / Solid Waste Disposal Sites</i>								
SWRCY	0.500		0	0	0	NR	NR	0
INDIAN ODI	0.500		0	0	0	NR	NR	0
DEBRIS REGION 9	0.500		0	0	0	NR	NR	0
ODI	0.500		0	0	0	NR	NR	0
IHS OPEN DUMPS	0.500		0	0	0	NR	NR	0
<i>Local Lists of Hazardous waste / Contaminated Sites</i>								
US HIST CDL	TP		NR	NR	NR	NR	NR	0
PRIORITYCLEANERS	0.500		0	0	0	NR	NR	0
FI Sites	1.000		1	0	0	0	NR	1
US CDL	TP		NR	NR	NR	NR	NR	0
<i>Local Land Records</i>								
LIENS 2	TP		NR	NR	NR	NR	NR	0
<i>Records of Emergency Release Reports</i>								
HMIRS	TP		NR	NR	NR	NR	NR	0
SPILLS	TP		NR	NR	NR	NR	NR	0
<i>Other Ascertainable Records</i>								
RCRA NonGen / NLR	0.250		1	0	NR	NR	NR	1

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
FUDS	1.000		0	0	0	0	NR	0
DOD	1.000		0	0	0	0	NR	0
SCRD DRYCLEANERS	0.500		0	0	0	NR	NR	0
US FIN ASSUR	TP		NR	NR	NR	NR	NR	0
EPA WATCH LIST	TP		NR	NR	NR	NR	NR	0
2020 COR ACTION	0.250		0	0	NR	NR	NR	0
TSCA	TP		NR	NR	NR	NR	NR	0
TRIS	TP		NR	NR	NR	NR	NR	0
SSTS	TP		NR	NR	NR	NR	NR	0
ROD	1.000		0	0	0	0	NR	0
RMP	TP		NR	NR	NR	NR	NR	0
RAATS	TP		NR	NR	NR	NR	NR	0
PRP	TP		NR	NR	NR	NR	NR	0
PADS	TP		NR	NR	NR	NR	NR	0
ICIS	TP		NR	NR	NR	NR	NR	0
FTTS	TP		NR	NR	NR	NR	NR	0
MLTS	TP		NR	NR	NR	NR	NR	0
COAL ASH DOE	TP		NR	NR	NR	NR	NR	0
COAL ASH EPA	0.500		0	0	0	NR	NR	0
PCB TRANSFORMER	TP		NR	NR	NR	NR	NR	0
RADINFO	TP		NR	NR	NR	NR	NR	0
HIST FTTS	TP		NR	NR	NR	NR	NR	0
DOT OPS	TP		NR	NR	NR	NR	NR	0
CONSENT	1.000		0	0	0	0	NR	0
INDIAN RESERV	1.000		0	0	0	0	NR	0
FUSRAP	1.000		0	0	0	0	NR	0
UMTRA	0.500		0	0	0	NR	NR	0
LEAD SMELTERS	TP		NR	NR	NR	NR	NR	0
US AIRS	TP		NR	NR	NR	NR	NR	0
US MINES	0.250		0	0	NR	NR	NR	0
ABANDONED MINES	TP		NR	NR	NR	NR	NR	0
UXO	1.000		0	0	0	0	NR	0
ECHO	TP	7	NR	NR	NR	NR	NR	7
DOCKET HWC	TP		NR	NR	NR	NR	NR	0
FUELS PROGRAM	0.250		0	0	NR	NR	NR	0
PFAS NPL	0.250		0	0	NR	NR	NR	0
PFAS FEDERAL SITES	0.250		0	0	NR	NR	NR	0
PFAS TSCA	0.250		0	0	NR	NR	NR	0
PFAS RCRA MANIFEST	0.250		0	0	NR	NR	NR	0
PFAS ATSDR	0.250		0	0	NR	NR	NR	0
PFAS WQP	0.250		0	0	NR	NR	NR	0
PFAS NPDES	0.250		0	0	NR	NR	NR	0
PFAS ECHO	0.250		0	1	NR	NR	NR	1
PFAS ECHO FIRE TRAINING	0.250		0	0	NR	NR	NR	0
PFAS PART 139 AIRPORT	0.250		0	0	NR	NR	NR	0
AQUEOUS FOAM NRC	0.250		0	0	NR	NR	NR	0
PFAS	0.250		0	0	NR	NR	NR	0
AQUEOUS FOAM	TP		NR	NR	NR	NR	NR	0
AIRS	TP		NR	NR	NR	NR	NR	0
ASBESTOS	TP		NR	NR	NR	NR	NR	0
CLEANUP SITES	TP	1	NR	NR	NR	NR	NR	1

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
DEDB	0.250		0	0	NR	NR	NR	0
DRYCLEANERS	0.250		0	0	NR	NR	NR	0
DWM CONTAM	0.500	1	4	1	5	NR	NR	11
Financial Assurance	TP	3	NR	NR	NR	NR	NR	3
FL Cattle Dip. Vats	0.250		0	0	NR	NR	NR	0
HW GEN	0.250		0	0	NR	NR	NR	0
RESP PARTY	0.500		0	0	0	NR	NR	0
SITE INV SITES	0.500		0	0	0	NR	NR	0
TIER 2	TP		NR	NR	NR	NR	NR	0
UIC	TP		NR	NR	NR	NR	NR	0
NPDES	TP	6	NR	NR	NR	NR	NR	6
BIOSOLIDS	TP		NR	NR	NR	NR	NR	0
PFAS TRIS	0.250		0	0	NR	NR	NR	0
SOLCP	TP		NR	NR	NR	NR	NR	0
HAZ WASTE	0.250		9	4	NR	NR	NR	13
MINES MRDS	TP		NR	NR	NR	NR	NR	0

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP	1.000		0	0	0	0	NR	0
EDR Hist Auto	0.250	1	2	1	NR	NR	NR	4
EDR Hist Cleaner	0.250		1	0	NR	NR	NR	1

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA HWS	1.000		0	0	0	0	NR	0
RGA LF	0.500		0	0	0	NR	NR	0
RGA LUST	0.500	1	4	1	8	NR	NR	14

- Totals --		25	37	14	18	0	0	94

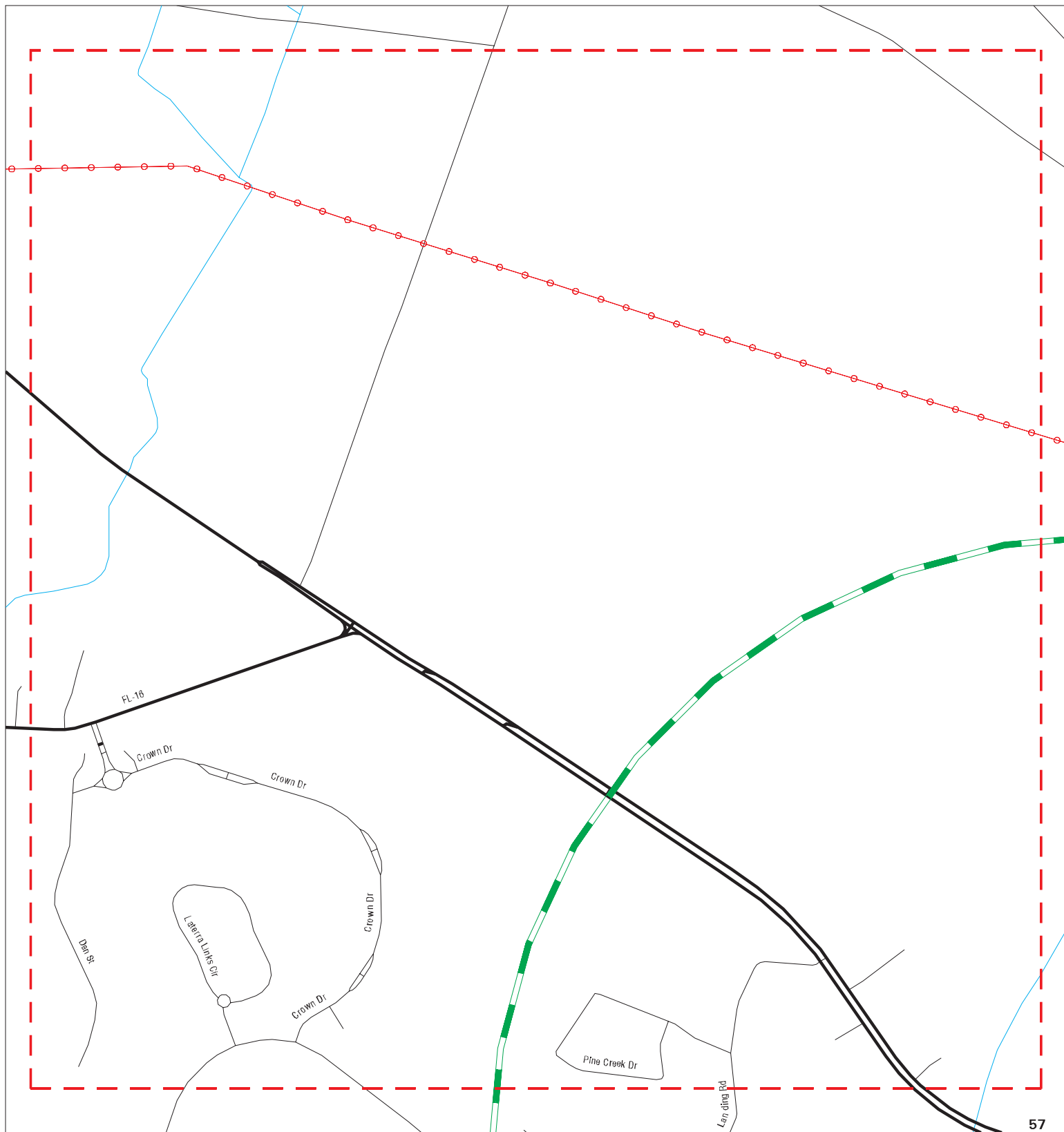
NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

Focus Map - 1 - 7458221.5s



57

	Sites		Focus Map - Sites		Indian Reservations BIA
	Target Property		Power Line		FL Brownfield
	Search Buffer		National Priority List Sites		
	Focus Map - No Sites		Dept. Defense Sites		

0 1/8 1/4 Miles



SITE NAME: SR 16 From IGP To I-95
ADDRESS: SR 16 From IGP To I-95
CITY/STATE: Saint Augustine FL
ZIP: 32092

CLIENT: Aerostar SES LLC
CONTACT: Kevin Ashman
INQUIRY #: 7458221.5s
DATE: 09/29/23

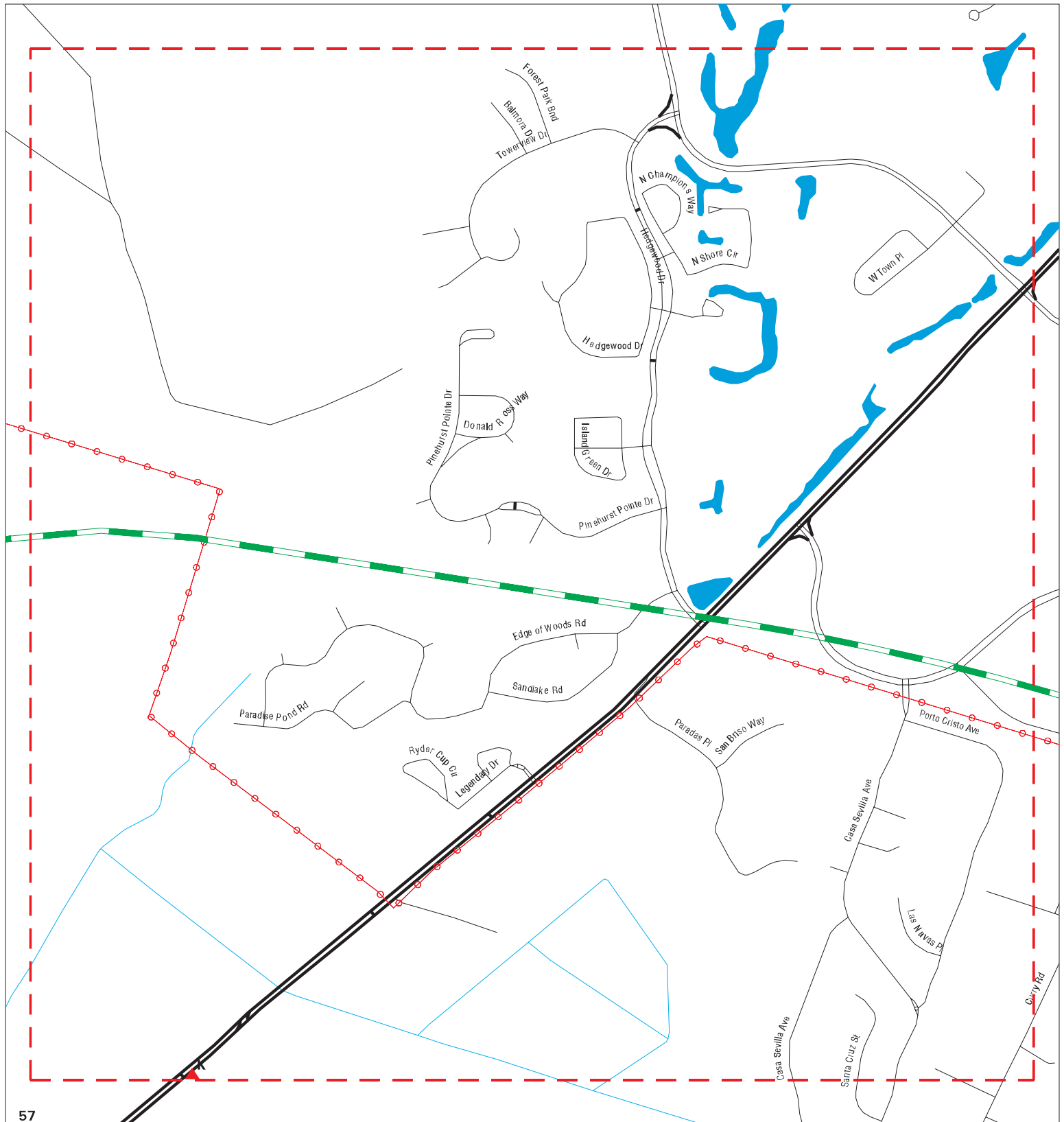
MAPPED SITES SUMMARY - FOCUS MAP 1

Target Property:
SR 16 FROM IGP TO I-95
SAINT AUGUSTINE, FL 32092

MAP ID / FOCUS MAP	SITE NAME	ADDRESS	DATABASE ACRONYMS	DIST (ft. & mi.) DIRECTION

NO MAPPED SITES FOUND

Focus Map - 2 - 7458221.5s



57

	Sites		Focus Map - Sites		Indian Reservations BIA
	Target Property		Power Line		FL Brownfield
	Search Buffer		National Priority List Sites		
	Focus Map - No Sites		Dept. Defense Sites		

0 1/8 1/4 Miles



SITE NAME: SR 16 From IGP To I-95
 ADDRESS: SR 16 From IGP To I-95
 CITY/STATE: Saint Augustine FL
 ZIP: 32092

CLIENT: Aerostar SES LLC
 CONTACT: Kevin Ashman
 INQUIRY #: 7458221.5s
 DATE: 09/29/23

MAPPED SITES SUMMARY - FOCUS MAP 2

Target Property:
SR 16 FROM IGP TO I-95
SAINT AUGUSTINE, FL 32092

MAP ID / FOCUS MAP	SITE NAME	ADDRESS	DATABASE ACRONYMS	DIST (ft. & mi.) DIRECTION		
K51 / 2	7-ELEVEN STORE #4210	3735 INTERNATIONAL G	UST, Financial Assurance	687	0.130	North
K52 / 2	MILL CREEK ELEMENTAR	3750 INTERNATIONAL G	ECHO, PFAS ECHO	700	0.133	North
K53 / 2	MILL CREEK ELEMENTAR	3750 INTERNATIONAL G	HAZ WASTE	700	0.133	North
K54 / 2	MILL CREEK ACADEMY	3750 INTERNATIONAL G	AST, Financial Assurance, NPDES	700	0.133	North
K55 / 2	ST JOHNS CNTY SCHOOL	3725 NINE MILE RD	LUST, UST, DWM CONTAM	748	0.142	North
K56 / 2	ST JOHNS CNTY SCHOOL	3725 NINE MILE RD	RGA LUST	748	0.142	North

Focus Map - 3 - 7458221.5s



0 1/8 1/4 Miles

	Sites		Focus Map - Sites		Indian Reservations BIA
	Target Property		Power Line		FL Brownfield
	Search Buffer		National Priority List Sites		Dept. Defense Sites
	Focus Map - No Sites				

SITE NAME: SR 16 From IGP To I-95
 ADDRESS: SR 16 From IGP To I-95
 CITY/STATE: Saint Augustine FL
 ZIP: 32092

CLIENT: Aerostar SES LLC
 CONTACT: Kevin Ashman
 INQUIRY #: 7458221.5s
 DATE: 09/29/23

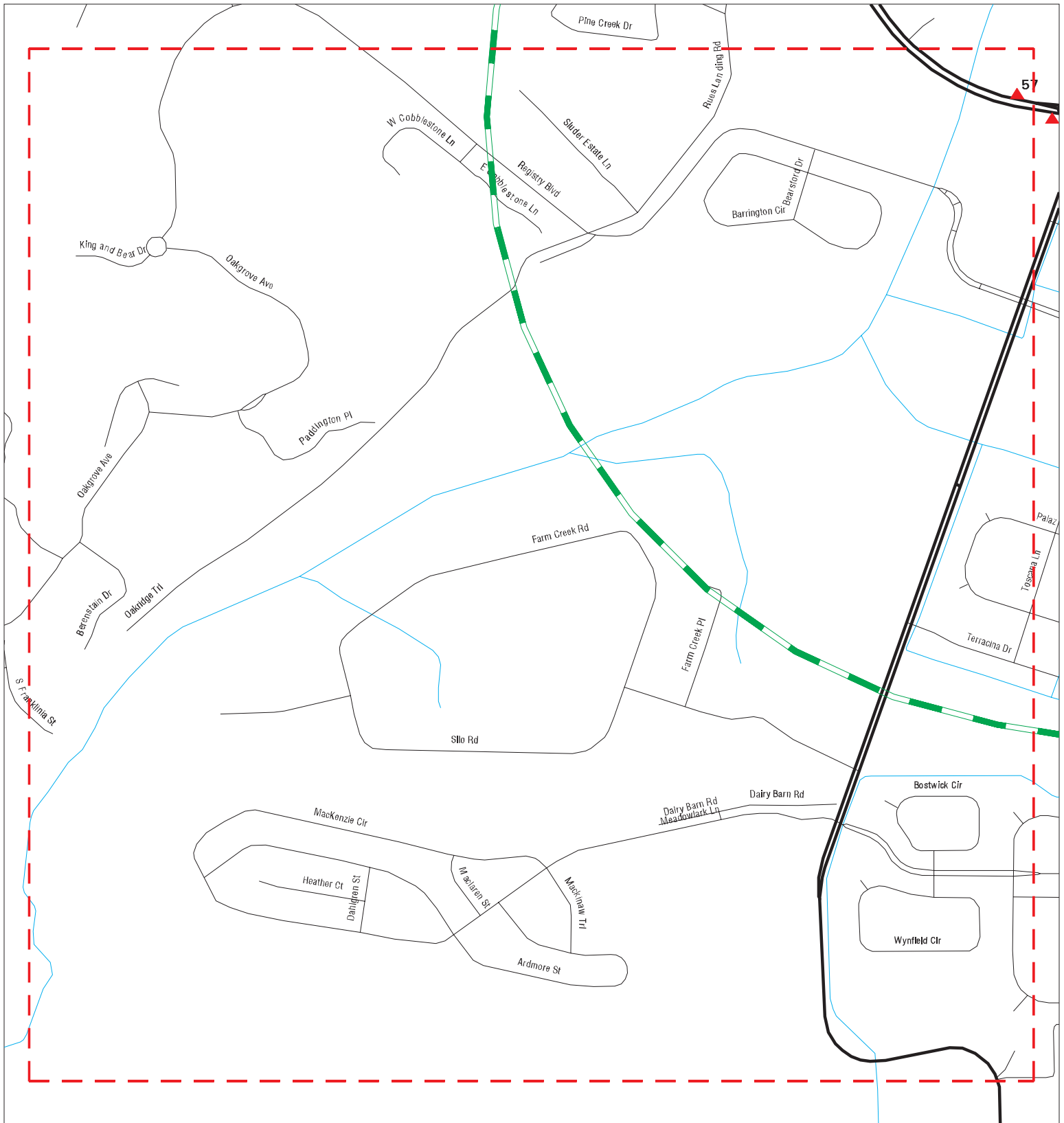
MAPPED SITES SUMMARY - FOCUS MAP 3

Target Property:
SR 16 FROM IGP TO I-95
SAINT AUGUSTINE, FL 32092

MAP ID / FOCUS MAP	SITE NAME	ADDRESS	DATABASE ACRONYMS	DIST (ft. & mi.) DIRECTION

NO MAPPED SITES FOUND

Focus Map - 4 - 7458221.5s



	Sites		Focus Map - Sites		Indian Reservations BIA
	Target Property		Power Line		FL Brownfield
	Search Buffer		National Priority List Sites		
	Focus Map - No Sites		Dept. Defense Sites		

0 1/8 1/4 Miles

SITE NAME: SR 16 From IGP To I-95
 ADDRESS: SR 16 From IGP To I-95
 CITY/STATE: Saint Augustine FL
 ZIP: 32092

CLIENT: Aerostar SES LLC
 CONTACT: Kevin Ashman
 INQUIRY #: 7458221.5s
 DATE: 09/29/23

MAPPED SITES SUMMARY - FOCUS MAP 4

Target Property:
SR 16 FROM IGP TO I-95
SAINT AUGUSTINE, FL 32092

MAP ID / FOCUS MAP	SITE NAME	ADDRESS	DATABASE ACRONYMS	DIST (ft. & mi.) DIRECTION
57 / 4	WALGREEN'S	5440 SR 16	HAZ WASTE	771 0.146 WNW

Focus Map - 5 - 7458221.5s



	Sites		Focus Map - Sites		Indian Reservations BIA
	Target Property		Power Line		FL Brownfield
	Search Buffer		National Priority List Sites		
	Focus Map - No Sites		Dept. Defense Sites		

0	1/8	1/4 Miles



SITE NAME: SR 16 From IGP To I-95
ADDRESS: SR 16 From IGP To I-95
CITY/STATE: Saint Augustine FL
ZIP: 32092

CLIENT: Aerostar SES LLC
CONTACT: Kevin Ashman
INQUIRY #: 7458221.5s
DATE: 09/29/23

MAPPED SITES SUMMARY - FOCUS MAP 5

Target Property:
SR 16 FROM IGP TO I-95
SAINT AUGUSTINE, FL 32092

MAP ID / FOCUS MAP	SITE NAME	ADDRESS	DATABASE ACRONYMS	DIST (ft. & mi.) DIRECTION		
1 / 5	MURABELLA UNIT THREE	SR-16 & SAN GIACOMO	ECHO	TP		
A2 / 5	SENIOR LIVING AT THE	4960 STATE ROAD 16	ECHO	TP		
A3 / 5	SENIOR LIVING AT THE	4960 STATE RD 16	AST	TP		
A4 / 5	SENIOR LIVING AT THE	4960 STATE ROAD 16	NPDES	TP		
A5 / 5	SENIOR LIVING AT THE	4960 STATE RD 16	Financial Assurance	TP		
A6 / 5	SENIOR LIVING AT THE	4950 STATE RD 16	Financial Assurance	TP		
A7 / 5	SENIOR LIVING AT THE	4950 STATE RD 16	AST	TP		
8 / 5	ST JOHNS COUNTY SR 1	UNKNOWN	ECHO	TP		
B9 / 5	SR16 SELF STORAGE	4855 SR 16	ECHO	TP		
B10 / 5	SR16 SELF STORAGE	4855 SR 16	NPDES	TP		
31 / 5	BELLSOUTH TEL INC 3K	4875 HWY 16	AST	255	0.048	SSW
G34 / 5	HORTONS STORE-MILL C	5405 HWY 16	RGA LUST	332	0.063	West
G35 / 5	MILL CREEK GROCERY &	5405 HWY 16	RGA LUST	332	0.063	West
G36 / 5	HORTONS STORE-MILL C	5405 HIGHWAY 16	INST CONTROL	332	0.063	West
G37 / 5	HORTONS STORE-MILL C	5405 HWY 16	LUST, UST, DWM CONTAM, Financial Assuran...	332	0.063	West
H38 / 5	CVS PHARMACY #0652	57 TUSCAN WAY	RCRA-VSQG	379	0.072	South
H39 / 5	CVS PHARMACY #0652	57 TUSCAN WAY	HAZ WASTE	379	0.072	South
G40 / 5	AUTOZONE #4479	5465 STATE ROAD 16	HAZ WASTE	445	0.084	West
I42 / 5	CLYDE L LASSEN VETER	4650 SR 16	HAZ WASTE	489	0.093	NNE
I43 / 5	CLYDE E LASSEN STATE	4650 STATE ROAD 16	AST	489	0.093	NNE
H44 / 5	MURABELLA CLEANERS	46 TUSCAN WAY	EDR Hist Cleaner	507	0.096	South
H45 / 5	MURABELLA CLEANERS	46 TUSCAN WAY	HAZ WASTE	507	0.096	South
J46 / 5	PUBLIX SUPER MARKET	84 TUSCAN WAY	RCRA-VSQG	516	0.098	South
J47 / 5	PUBLIX #1239	84 TUSCAN WAY	HAZ WASTE	516	0.098	South
H48 / 5	FLAGLER AFTER HOURS	52 TUSCAN WAY STE 20	HAZ WASTE	526	0.100	South
H49 / 5	FLAGLER FAMILY MEDIC	52 TUSCAN WAY STE 20	HAZ WASTE	526	0.100	South
59 / 5	PUBLIX SUPER MARKET	84 TURIN TERRACE	AST	1059	0.201	South

Focus Map - 6 - 7458221.5s



	Sites		Focus Map - Sites		Indian Reservations BIA
	Target Property		Power Line		FL Brownfield
	Search Buffer		National Priority List Sites		Dept. Defense Sites
	Focus Map - No Sites				

0 1/8 1/4 Miles

SITE NAME: SR 16 From IGP To I-95
 ADDRESS: SR 16 From IGP To I-95
 CITY/STATE: Saint Augustine FL
 ZIP: 32092

CLIENT: Aerostar SES LLC
 CONTACT: Kevin Ashman
 INQUIRY #: 7458221.5s
 DATE: 09/29/23

MAPPED SITES SUMMARY - FOCUS MAP 6

Target Property:
 SR 16 FROM IGP TO I-95
 SAINT AUGUSTINE, FL 32092

MAP ID / FOCUS MAP	SITE NAME	ADDRESS	DATABASE ACRONYMS	DIST (ft. & mi.) DIRECTION
11 / 6	CALVAY BAPTIST CHURC	PIN027440-0040	ECHO	TP
C12 / 6	TOMOKA PINES		NPDES	TP
C13 / 6	GRAND OAKS PHASE 1A		NPDES	TP
C14 / 6	GRAND OAKS PH 1D-1		NPDES	TP
33 / 6	ST JOHNS CNTY UTIL-T	4525 SR 16	AST	279 0.053 SSW

Focus Map - 7 - 7458221.5s



SITE NAME: SR 16 From IGP To I-95
 ADDRESS: SR 16 From IGP To I-95
 CITY/STATE: Saint Augustine FL
 ZIP: 32092

CLIENT: Aerostar SES LLC
 CONTACT: Kevin Ashman
 INQUIRY #: 7458221.5s
 DATE: 09/29/23

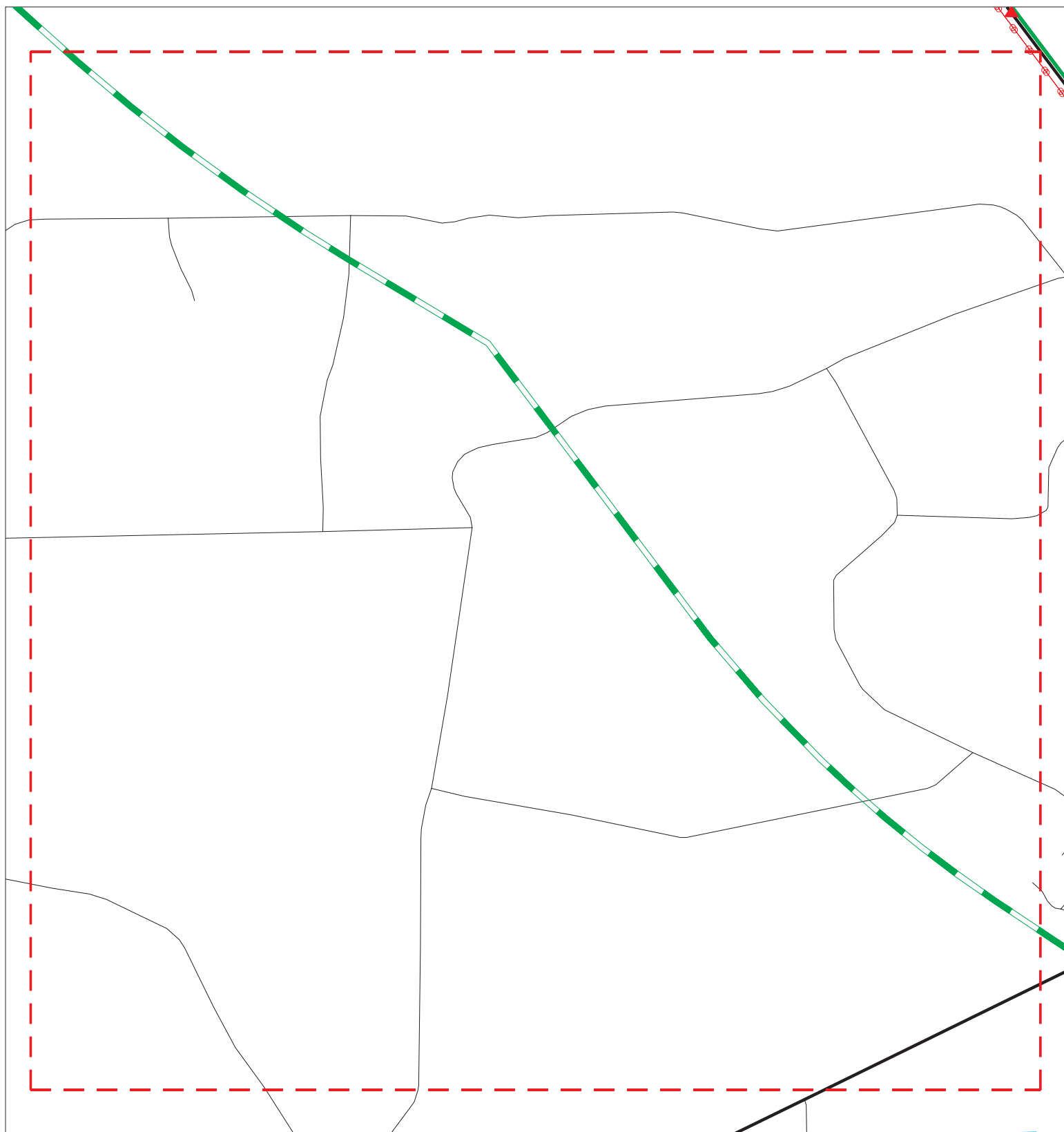
MAPPED SITES SUMMARY - FOCUS MAP 7

Target Property:
SR 16 FROM IGP TO I-95
SAINT AUGUSTINE, FL 32092

MAP ID / FOCUS MAP	SITE NAME	ADDRESS	DATABASE ACRONYMS	DIST (ft. & mi.) DIRECTION

NO MAPPED SITES FOUND

Focus Map - 8 - 7458221.5s



	Sites		Focus Map - Sites		Indian Reservations BIA
	Target Property		Power Line		FL Brownfield
	Search Buffer		National Priority List Sites		Dept. Defense Sites
	Focus Map - No Sites				

0 1/8 1/4 Miles



SITE NAME: SR 16 From IGP To I-95
 ADDRESS: SR 16 From IGP To I-95
 CITY/STATE: Saint Augustine FL
 ZIP: 32092

CLIENT: Aerostar SES LLC
 CONTACT: Kevin Ashman
 INQUIRY #: 7458221.5s
 DATE: 09/29/23

MAPPED SITES SUMMARY - FOCUS MAP 8

Target Property:
SR 16 FROM IGP TO I-95
SAINT AUGUSTINE, FL 32092

MAP ID / FOCUS MAP	SITE NAME	ADDRESS	DATABASE ACRONYMS	DIST (ft. & mi.) DIRECTION

NO MAPPED SITES FOUND

Focus Map - 9 - 7458221.5s



- ▲ Sites
- Target Property
- Search Buffer
- Focus Map - No Sites
- Focus Map - Sites
- Power Line
- National Priority List Sites
- Dept. Defense Sites
- Indian Reservations BIA
- FL Brownfield

0 1/8 1/4 Miles

SITE NAME: SR 16 From IGP To I-95
 ADDRESS: SR 16 From IGP To I-95
 CITY/STATE: Saint Augustine FL
 ZIP: 32092

CLIENT: Aerostar SES LLC
 CONTACT: Kevin Ashman
 INQUIRY #: 7458221.5s
 DATE: 09/29/23

MAPPED SITES SUMMARY - FOCUS MAP 9

Target Property:
SR 16 FROM IGP TO I-95
SAINT AUGUSTINE, FL 32092

MAP ID / FOCUS MAP	SITE NAME	ADDRESS	DATABASE ACRONYMS	DIST (ft. & mi.) DIRECTION
15 / 9	PARK PLACE AKA TOMOK		NPDES	TP
16 / 9	NORTH CONGREGATION O	2920 SR 16	ECHO	TP
17 / 9	SR-16 WIDENING PROJE	SR-16	ECHO	TP
D18 / 9	DAYS INN-INTERSTATE	I-95 & HWY 16	UST	TP
D19 / 9	ST AUGUSTINE GROC CO	2500 STATE HWY 16	EDR Hist Auto	TP
D20 / 9	TEXACO #24-110-0004-	2500 HWY 16	LUST, UST, CLEANUP SITES, DWM CONTAM, Fi...	TP
D21 / 9	TEXACO #24-110-0004-	2500 HWY 16	RGA LUST	TP
E22 / 9	EXXON STATION	2450 I-95 & HWY 16	LUST, UST, CLEANUP SITES, DWM CONTAM, Fi...	62 0.012 SW
E23 / 9	QUALITY INN MOTEL	2445 SR 16	LUST, UST, DWM CONTAM	88 0.017 SSE
E24 / 9	QUALITY INN MOTEL	2445 SR 16	RGA LUST	88 0.017 SSE
F25 / 9	ST AUGUSTINE GROC CO	2500 STATE RD 16	EDR Hist Auto	200 0.038 NE
F26 / 9	TEXACO #24-110-0004-	2500 SR 16	RGA LUST	200 0.038 NE
F27 / 9	STAR ENTERPRISE	2500 SR 16	RCRA NonGen / NLR, ECHO	200 0.038 NE
28 / 9	ADVENTURE LANDING ST	2780 SR 16	HAZ WASTE	220 0.042 NE
29 / 9	HUSTLER'S OF HOLLYWO	2575 SR 16	HAZ WASTE	240 0.045 SW
30 / 9	L SQUARED INDUSTRIES	2450 STATE RD 16	EDR Hist Auto	242 0.046 NE
32 / 9	RACETRAC #156	2711 STATE ROAD 16	UST, Financial Assurance	268 0.051 SW
41 / 9	SILVEX CORP.	SR 16 8MILES WEST OR	FI Sites	465 0.088 East
50 / 9	SHELL-FIRST COAST EN	2355 HWY SR 16	LUST, UST, CLEANUP SITES, DWM CONTAM	621 0.118 ESE
58 / 9	CHARLES RUSINA	2595 CR 208	UST	900 0.170 SW

Focus Map - 10 - 7458221.5s



	Sites		Focus Map - Sites		Indian Reservations BIA
	Target Property		Power Line		FL Brownfield
	Search Buffer		National Priority List Sites		
	Focus Map - No Sites		Dept. Defense Sites		

0 1/8 1/4 Miles

SITE NAME: SR 16 From IGP To I-95
 ADDRESS: SR 16 From IGP To I-95
 CITY/STATE: Saint Augustine FL
 ZIP: 32092

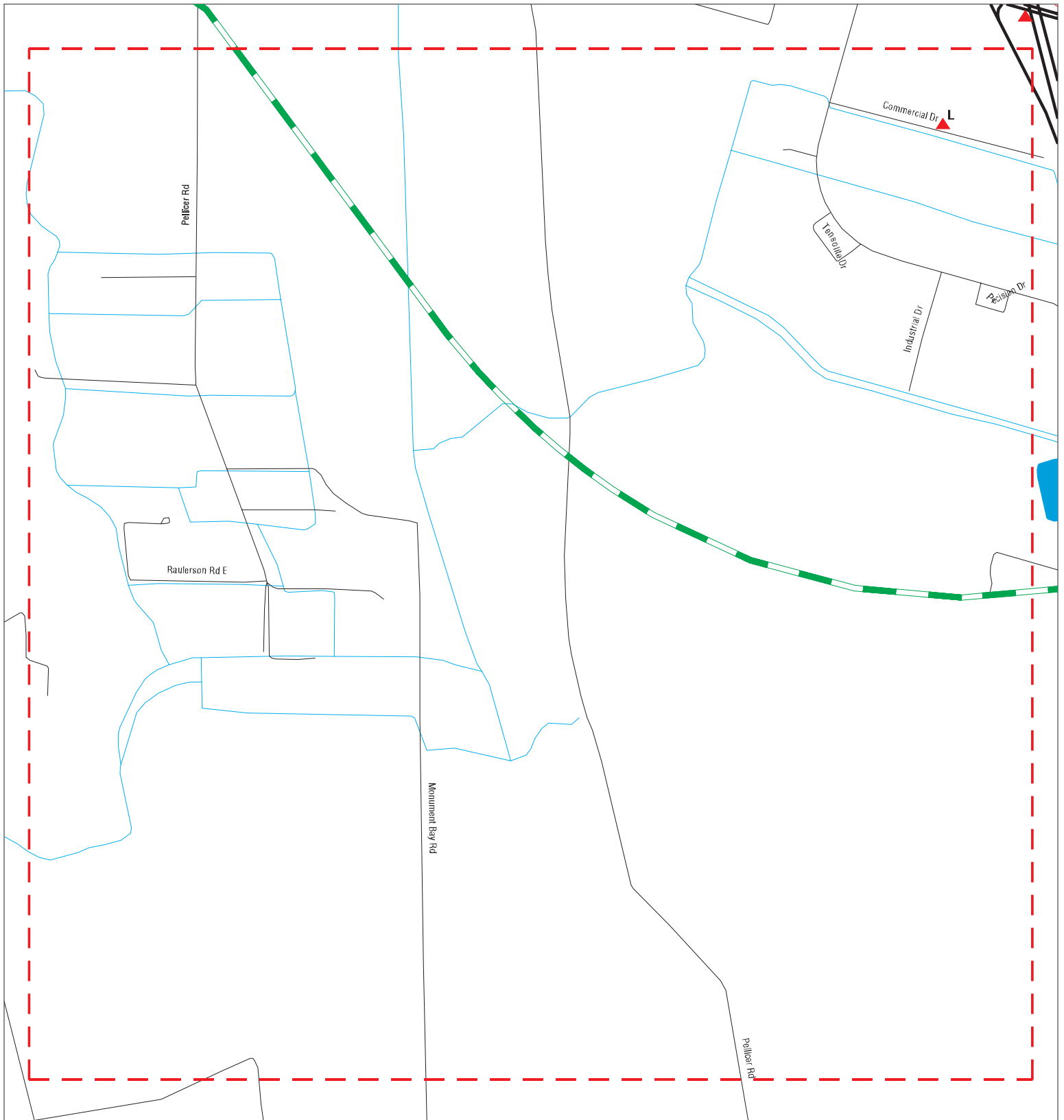
CLIENT: Aerostar SES LLC
 CONTACT: Kevin Ashman
 INQUIRY #: 7458221.5s
 DATE: 09/29/23

MAPPED SITES SUMMARY - FOCUS MAP 10

Target Property:
SR 16 FROM IGP TO I-95
SAINT AUGUSTINE, FL 32092

MAP ID / FOCUS MAP	SITE NAME	ADDRESS	DATABASE ACRONYMS	DIST (ft. & mi.) DIRECTION		
M62 / 10	ORANGE STOP	2375 STATE ROAD 16	EDR Hist Auto	1249	0.237	ESE
M63 / 10	RACEWAY #774	2335 SR 16	LUST, UST, CLEANUP SITES, DWM CONTAM	1451	0.275	ESE
N64 / 10	SHELL-FIRST COAST EN	2355 HWY 16	RGA LUST	1547	0.293	ESE
N65 / 10	SHELL-FIRST COAST EN	2355 HWY 16	RGA LUST	1547	0.293	ESE
N67 / 10	GATE #1207	2350 HWY 16 @ I-95	LUST, UST, CLEANUP SITES, DWM CONTAM, Fi...	1690	0.320	ESE
N68 / 10	GATE #1207	2350 HWY 16 @ I-95	RGA LUST	1690	0.320	ESE
N69 / 10	GATE #1207	2350 HWY 16 @ I-95	RGA LUST	1690	0.320	ESE
N70 / 10	SPEEDWAY #8235	2350 HWY 16 @ I 95	RGA LUST	1690	0.320	ESE
N71 / 10	SPEEDWAY #8235	2350 HWY 16	RGA LUST	1690	0.320	ESE
P74 / 10	CIRCLE K #2721255	2330 SR 16	CLEANUP SITES, DWM CONTAM	1843	0.349	East
P75 / 10	CIRCLE K #2721255	2330 SR 16	LUST, UST, Financial Assurance	1843	0.349	East

Focus Map - 11- 7458221.5s



	Sites		Focus Map - Sites		Indian Reservations BIA
	Target Property		Power Line		FL Brownfield
	Search Buffer		National Priority List Sites		
	Focus Map - No Sites		Dept. Defense Sites		

0 1/8 1/4 Miles



SITE NAME: SR 16 From IGP To I-95
 ADDRESS: SR 16 From IGP To I-95
 CITY/STATE: Saint Augustine FL
 ZIP: 32092

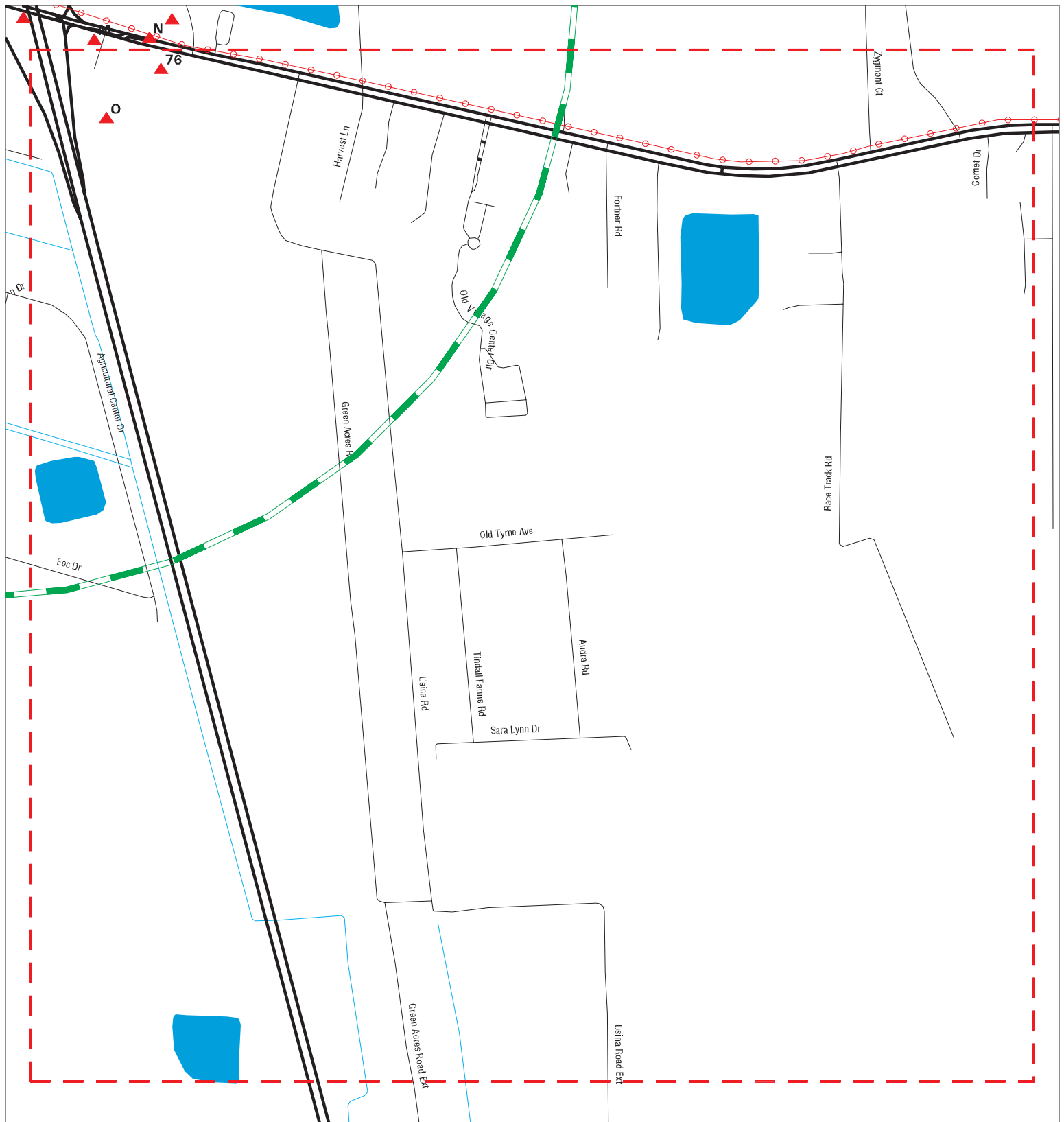
CLIENT: Aerostar SES LLC
 CONTACT: Kevin Ashman
 INQUIRY #: 7458221.5s
 DATE: 09/29/23

MAPPED SITES SUMMARY - FOCUS MAP 11

Target Property:
 SR 16 FROM IGP TO I-95
 SAINT AUGUSTINE, FL 32092

MAP ID / FOCUS MAP	SITE NAME	ADDRESS	DATABASE ACRONYMS	DIST (ft. & mi.) DIRECTION		
L60 / 11	PANEL TEK	200 COMMERCIAL DR ST	HAZ WASTE	1231	0.233	South
L61 / 11	S A ROBINSON CONSTRU	200 COMMERCIAL DR	HAZ WASTE	1231	0.233	South

Focus Map - 12 - 7458221.5s



- ▲ Sites
- Target Property
- Search Buffer
- Focus Map - No Sites
- Focus Map - Sites
- Power Line
- National Priority List Sites
- Dept. Defense Sites
- Indian Reservations BIA
- FL Brownfield

0 1/8 1/4 Miles

SITE NAME: SR 16 From IGP To I-95
 ADDRESS: SR 16 From IGP To I-95
 CITY/STATE: Saint Augustine FL
 ZIP: 32092

CLIENT: Aerostar SES LLC
 CONTACT: Kevin Ashman
 INQUIRY #: 7458221.5s
 DATE: 09/29/23

MAPPED SITES SUMMARY - FOCUS MAP 12

Target Property:
SR 16 FROM IGP TO I-95
SAINT AUGUSTINE, FL 32092

MAP ID / FOCUS MAP	SITE NAME	ADDRESS	DATABASE ACRONYMS	DIST (ft. & mi.) DIRECTION
N66 / 12	SHELL-FIRST COAST EN	SR 16 & I-95	LUST, UST, DWM CONTAM, Financial Assuran...	1668 0.316 ESE
O72 / 12	CITGO	2365 HWY 16	RGA LUST	1706 0.323 SE
O73 / 12	CITGO	2365 HWY 16	LUST, UST, SPILLS, CLEANUP SITES, DWM CO...	1706 0.323 SE
76 / 12	RACEWAY #774	2335 SR 16	RGA LUST	1873 0.355 ESE

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

1
Target
Property

MURABELLA UNIT THREE
SR-16 & SAN GIACOMO RD
ST AUGUSTINE, FL 32092

ECHO **1012281623**
N/A

Actual:
26 ft.
Focus Map:
5

ECHO:
Envid: 1012281623
Registry ID: 110040329533
DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110040329533>
Name: MURABELLA UNIT THREE
Address: SR-16 & SAN GIACOMO RD
City,State,Zip: ST AUGUSTINE, FL 32092

A2
Target
Property

SENIOR LIVING AT THE GREEN
4960 STATE ROAD 16
SAINT AUGUSTINE, FL 32092

ECHO **1026907932**
N/A

Site 1 of 6 in cluster A

Actual:
27 ft.
Focus Map:
5

ECHO:
Envid: 1026907932
Registry ID: 110071097892
DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110071097892>
Name: SENIOR LIVING AT THE GREEN
Address: 4960 STATE ROAD 16
City,State,Zip: SAINT AUGUSTINE, FL 32092

A3
Target
Property

SENIOR LIVING AT THE GREENS
4960 STATE RD 16
ST AUGUSTINE, FL 32092

AST **A100530725**
N/A

Site 2 of 6 in cluster A

Actual:
27 ft.
Focus Map:
5

AST:
Facility ID: 9819288
Name: SENIOR LIVING AT THE GREENS
Address: 4960 STATE RD 16
City,State,Zip: ST AUGUSTINE, FL 32092
Facility Phone: 9045750395
Facility Status: OPEN
Facility Type: C
Type Description: Fuel user/Non-retail
Depco: P
Region: STATE
Positioning Method: Not reported
Latitude/Longitude: Not reported

Tank:
Tank ID: 1
Tank Capacity: 747
Tank Location: ABOVEGROUND
Tank Status: U
Status Date: 07/01/2022
Install Date: 7/1/2022
Substance: G
Content Description: Emerg Generator Diesel
Vessel Indicator: TANK
DEP Contractor: P

Piping:

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SENIOR LIVING AT THE GREENS (Continued)

A100530725

Tank ID: 1
Piping Category: X
Piping Description: No piping associated w/tank

Monitoring:

Tank ID: 1
Petro Monitoring Category: Q
Monitoring Description: Visual inspection of ASTs

Tank ID: 1
Petro Monitoring Category: 1
Monitoring Description: Continuous electronic sensing

Tank ID: 1
Petro Monitoring Category: F
Monitoring Description: Monitor dbl wall tank space

Tank ID: 1
Petro Monitoring Category: Y
Monitoring Description: Unknown

Owner:

Owner ID: 83431
Owner Name: ST. AUGUSTINE AL MC CARE PROPERTIES LLC
Owner Address: 7420 SW BRIDGEPORT RD #105
Owner Address 2: Not reported
Owner City,State,Zip: PORTLAND, OR 97224
Owner Contact: MATTHEW DUNHAM
Owner Phone: 5035974902

Construction:

Tank ID: 1
Construction Category: M
Construction Description: Spill containment bucket

Tank ID: 1
Construction Category: I
Construction Description: Double wall

Tank ID: 1
Construction Category: O
Construction Description: Tight fill

Tank ID: 1
Construction Category: C
Construction Description: Steel

Tank ID: 1
Construction Category: P
Construction Description: Level gauges/alarms

Tank ID: 2
Tank Capacity: 1146
Tank Location: ABOVEGROUND
Tank Status: D

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SENIOR LIVING AT THE GREENS (Continued)

A100530725

Status Date: 10/18/2022
Install Date: 6/1/2022
Substance: G
Content Description: Emerg Generator Diesel
Vessel Indicator: TANK
DEP Contractor: P

Piping:
Tank ID: 1
Piping Category: X
Piping Description: No piping associated w/tank

Monitoring:
Tank ID: 1
Petro Monitoring Category: Q
Monitoring Description: Visual inspection of ASTs

Tank ID: 1
Petro Monitoring Category: 1
Monitoring Description: Continuous electronic sensing

Tank ID: 1
Petro Monitoring Category: F
Monitoring Description: Monitor dbl wall tank space

Tank ID: 1
Petro Monitoring Category: Y
Monitoring Description: Unknown

Owner:
Owner ID: 83431
Owner Name: ST. AUGUSTINE AL MC CARE PROPERTIES LLC
Owner Address: 7420 SW BRIDGEPORT RD #105
Owner Address 2: Not reported
Owner City,State,Zip: PORTLAND, OR 97224
Owner Contact: MATTHEW DUNHAM
Owner Phone: 5035974902

Construction:
Tank ID: 1
Construction Category: M
Construction Description: Spill containment bucket

Tank ID: 1
Construction Category: I
Construction Description: Double wall

Tank ID: 1
Construction Category: O
Construction Description: Tight fill

Tank ID: 1
Construction Category: C
Construction Description: Steel

Tank ID: 1

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SENIOR LIVING AT THE GREENS (Continued)

A100530725

Construction Category: P
Construction Description: Level gauges/alarms

A4
Target
Property

SENIOR LIVING AT THE GREEN
4960 STATE ROAD 16
SAINT AUGUSTINE, FL

NPDES **S128020840**
N/A

Site 3 of 6 in cluster A

Actual: 27 ft.
Focus Map: 5

WASTEWATER:

Name: SENIOR LIVING AT THE GREEN
Address: 4960 STATE ROAD 16
City,State,Zip: SAINT AUGUSTINE, FL
Facility ID: FLG073140
Facility Type: Dewatering GP
Status: Active - Existing, permitted facility/site for which effluent, reclaimed water or wastewater residual discharge into the environment and/or monitoring is taking place.

District Office: NED
NPDES Permitted Site: Yes
Environmental Interest: Industrial Wastewater Program
Owner Type: State
Permit Capacity: Not reported
Party Name: Colin O'Donnel, PMTE
Company Name: Not reported
RP Address: 1906 River Oaks Road
RP Address 2: Not reported
RP City,Stat,Zip: Jacksonville FL 32207
Telephone: 8434691120
Email: colin@wscjax.com
Issue Date: 09/23/2021
Effective Date: 09/23/2021
Expiration Date: 09/22/2026
DOC Description: Generic Permit
Latitude Degrees: Not reported
Latitude Minutes: Not reported
Latitude Seconds: Not reported
Longitude Degrees: Not reported
Longitude Minutes: Not reported
Longitude Seconds: Not reported
Treatment: Not reported
Decode For Fstatus: Active

A5
Target
Property

SENIOR LIVING AT THE GREENS
4960 STATE RD 16
ST AUGUSTINE, FL 32092

Financial Assurance **S129293528**
N/A

Site 4 of 6 in cluster A

Actual: 27 ft.
Focus Map: 5

FL Financial Assurance 3:

Name: SENIOR LIVING AT THE GREENS
Address: 4960 STATE RD 16
City,State,Zip: ST AUGUSTINE, FL 32092
Region: 3

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SENIOR LIVING AT THE GREENS (Continued)

S129293528

Facility ID: 9819288
Facility Phone: 9045750395
Facility Status: OPEN
Facility Type: C
Type Description: Fuel user/Non-retail
DEP CO: P
Financial Responsibility: INSURANCE
Insurance Company: ACE AMERICAN INSURANCE COMPANY
Effective Date: 11/21/2022
Expire Date: 11/21/2023
Owner ID: 83431
Owner Name: ST. AUGUSTINE AL MC CARE PROPERTIES LLC
Owner Address: 7420 SW BRIDGEPORT RD #105
Owner Address2: Not reported
Owner City,St,Zip: PORTLAND, OR 97224
Contact: MATTHEW DUNHAM
Resp Party Phone: 5035974902

A6 **SENIOR LIVING AT THE GREENS**
Target **4950 STATE RD 16**
Property **ST AUGUSTINE, FL 32092**

Financial Assurance **S129293529**
N/A

Site 5 of 6 in cluster A

Actual: FL Financial Assurance 3:
27 ft.
Focus Map: Name: SENIOR LIVING AT THE GREENS
5 Address: 4950 STATE RD 16
City,State,Zip: ST AUGUSTINE, FL 32092
Region: 3
Facility ID: 9819295
Facility Phone: 9045750395
Facility Status: OPEN
Facility Type: C
Type Description: Fuel user/Non-retail
DEP CO: P
Financial Responsibility: INSURANCE
Insurance Company: ACE AMERICAN INSURANCE COMPANY
Effective Date: 11/21/2022
Expire Date: 11/21/2023
Owner ID: 83431
Owner Name: ST. AUGUSTINE AL MC CARE PROPERTIES LLC
Owner Address: 7420 SW BRIDGEPORT RD #105
Owner Address2: Not reported
Owner City,St,Zip: PORTLAND, OR 97224
Contact: MATTHEW DUNHAM
Resp Party Phone: 5035974902

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

A7
Target
Property

SENIOR LIVING AT THE GREENS
4950 STATE RD 16
ST AUGUSTINE, FL 32092

AST **A100530726**
N/A

Site 6 of 6 in cluster A

Actual:
27 ft.

Focus Map:
5

AST:
Facility ID: 9819295
Name: SENIOR LIVING AT THE GREENS
Address: 4950 STATE RD 16
City,State,Zip: ST AUGUSTINE, FL 32092
Facility Phone: 9045750395
Facility Status: OPEN
Facility Type: C
Type Description: Fuel user/Non-retail
Depco: P
Region: STATE
Positioning Method: Not reported
Latitude/Longitude: Not reported

Tank:

Tank ID: 1
Tank Capacity: 1146
Tank Location: ABOVEGROUND
Tank Status: U
Status Date: 06/01/2022
Install Date: 6/1/2022
Substance: G
Content Description: Emerg Generator Diesel
Vessel Indicator: TANK
DEP Contractor: P

Piping:

Tank ID: 1
Piping Category: X
Piping Description: No piping associated w/tank

Monitoring:

Tank ID: 1
Petro Monitoring Category: 1
Monitoring Description: Continuous electronic sensing

Tank ID: 1
Petro Monitoring Category: F
Monitoring Description: Monitor dbl wall tank space

Tank ID: 1
Petro Monitoring Category: Q
Monitoring Description: Visual inspection of ASTs

Tank ID: 1
Petro Monitoring Category: Y
Monitoring Description: Unknown

Owner:

Owner ID: 83431
Owner Name: ST. AUGUSTINE AL MC CARE PROPERTIES LLC
Owner Address: 7420 SW BRIDGEPORT RD #105
Owner Address 2: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SENIOR LIVING AT THE GREENS (Continued)

A100530726

Owner City,State,Zip: PORTLAND, OR 97224
Owner Contact: MATTHEW DUNHAM
Owner Phone: 5035974902

Construction:

Tank ID: 1
Construction Category: I
Construction Description: Double wall

Tank ID: 1
Construction Category: O
Construction Description: Tight fill

Tank ID: 1
Construction Category: M
Construction Description: Spill containment bucket

Tank ID: 1
Construction Category: P
Construction Description: Level gauges/alarms

Tank ID: 1
Construction Category: C
Construction Description: Steel

8
Target
Property
ST JOHNS COUNTY SR 16
UNKNOWN
SAINT AUGUSTINE, FL 32092

ECHO 1016701079
N/A

Actual:
27 ft.
Focus Map:
5
ECHO:
Envid: 1016701079
Registry ID: 110056401406
DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110056401406>
Name: ST JOHNS COUNTY SR 16
Address: UNKNOWN
City,State,Zip: SAINT AUGUSTINE, FL 32092

B9
Target
Property
SR16 SELF STORAGE
4855 SR 16
ST AUGUSTINE, FL 32092

ECHO 1024705739
N/A

Site 1 of 2 in cluster B

Actual:
27 ft.
Focus Map:
5
ECHO:
Envid: 1024705739
Registry ID: 110070500240
DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110070500240>
Name: SR16 SELF STORAGE
Address: 4855 SR 16
City,State,Zip: ST AUGUSTINE, FL 32092

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

B10
Target
Property

SR16 SELF STORAGE
4855 SR 16
ST AUGUSTINE, FL

NPDES
S121424466
N/A

Site 2 of 2 in cluster B

Actual:
27 ft.

Focus Map:
5

WASTEWATER:

Name: SR16 SELF STORAGE
Address: 4855 SR 16
City,State,Zip: ST AUGUSTINE, FL
Facility ID: FLR20BW43
Facility Type: Construction Generic Dewatering
Status: Active - Existing, permitted facility/site for which effluent, reclaimed water or wastewater residual discharge into the environment and/or monitoring is taking place.

District Office: TLST
NPDES Permitted Site: Not reported
Environmental Interest: Not reported
Owner Type: Unknown
Permit Capacity: Not reported
Party Name: Jim Paron, PMTE
Company Name: A. D. Davis Construction
RP Address: 3490 Lewis Speedway Ste 2201
RP Address 2: Not reported
RP City,Stat,Zip: St Augustine FL 32084
Telephone: 9048243533
Email: jimparon@addavis.com
Issue Date: Not reported
Effective Date: Not reported
Expiration Date: Not reported
DOC Description: Not reported
Latitude Degrees: 29
Latitude Minutes: 57
Latitude Seconds: 37.36
Longitude Degrees: 81
Longitude Minutes: 28
Longitude Seconds: 26.84
Treatment: Not reported
Decode For Fstatus: Active

11
Target
Property

CALVAY BAPTIST CHURCH
PIN027440-0040
ST AUGUSTINE, FL 00000

ECHO
1008158192
N/A

ECHO:

Actual:
24 ft.

Focus Map:
6

Envid: 1008158192
Registry ID: 110020550777
DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110020550777>
Name: CALVAY BAPTIST CHURCH
Address: PIN027440-0040
City,State,Zip: ST AUGUSTINE, FL 00000

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

C12 **TOMOKA PINES**
Target
Property **SAINT AUGUSTINE, FL**

NPDES **S121423889**
N/A

Site 1 of 3 in cluster C

Actual:
25 ft.

Focus Map:
6

WASTEWATER:

Name: TOMOKA PINES
Address: Not reported
City,State,Zip: SAINT AUGUSTINE, FL
Facility ID: FLR20BM85
Facility Type: Construction Generic Dewatering
Status: Active - Existing, permitted facility/site for which effluent, reclaimed water or wastewater residual discharge into the environment and/or monitoring is taking place.

District Office: TLST
NPDES Permitted Site: Not reported
Environmental Interest: Not reported
Owner Type: Private
Permit Capacity: Not reported
Party Name: Dean Black, Project Manager
Company Name: Not reported
RP Address: 11413 Enterprise East Blvd
RP Address 2: Not reported
RP City,Stat,Zip: Macclenny FL 32063-8838
Telephone: 9042595360
Email: dblack@burnhamconstructioninc.com
Issue Date: 07/21/2017
Effective Date: 07/21/2017
Expiration Date: 07/20/2022
DOC Description: Generic Permit
Latitude Degrees: 29
Latitude Minutes: 56
Latitude Seconds: 35.64
Longitude Degrees: 81
Longitude Minutes: 26
Longitude Seconds: 21.80
Treatment: Not reported
Decode For Fstatus: Active

Name: TOMOKA PINES
Address: Not reported
City,State,Zip: SAINT AUGUSTINE, FL
Facility ID: FLR10RM86
Facility Type: Construction Stormwater GP
Status: Active - Existing, permitted facility/site for which effluent, reclaimed water or wastewater residual discharge into the environment and/or monitoring is taking place.

District Office: TLST
NPDES Permitted Site: Not reported
Environmental Interest: Not reported
Owner Type: Private
Permit Capacity: Not reported
Party Name: Todd Holder, PMTE
Company Name: Kb Home of Jacksonville, LLC
RP Address: 10475 Fortune Pkwy Ste 100
RP Address 2: Not reported
RP City,Stat,Zip: Jacksonville FL 32256-3674
Telephone: 9045966636

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TOMOKA PINES (Continued)

S121423889

Email: tholder@kbhome.com
Issue Date: 12/02/2017
Effective Date: 12/02/2017
Expiration Date: 12/01/2022
DOC Description: Generic Permit
Latitude Degrees: 29
Latitude Minutes: 56
Latitude Seconds: 30.24
Longitude Degrees: 81
Longitude Minutes: 26
Longitude Seconds: 23.62
Treatment: Not reported
Decode For Fstatus: Active

C13 **GRAND OAKS PHASE 1A & 1B**
Target
Property **SAINT AUGUSTINE, FL**

NPDES **S127001450**
N/A

Site 2 of 3 in cluster C

Actual: **WASTEWATER:**
25 ft.
Focus Map:
6

Name: GRAND OAKS PHASE 1A & 1B
Address: Not reported
City,State,Zip: SAINT AUGUSTINE, FL
Facility ID: FLR10TS78
Facility Type: Construction Stormwater GP
Status: Active - Existing, permitted facility/site for which effluent, reclaimed water or wastewater residual discharge into the environment and/or monitoring is taking place.

District Office: TLST
NPDES Permitted Site: Not reported
Environmental Interest: Not reported
Owner Type: Private
Permit Capacity: Not reported
Party Name: Mark Paulsen, Construction Manager
Company Name: Drees Homes Of Florida, Inc
RP Address: 9452 Phillips Hwy, Ste 4
RP Address 2: Not reported
RP City,Stat,Zip: Jacksonville FL 32256-2036
Telephone: 9043992501
Email: mpaulsen@dreeshomes.com
Issue Date: 07/30/2020
Effective Date: 07/30/2020
Expiration Date: 07/29/2025
DOC Description: Generic Permit
Latitude Degrees: 29
Latitude Minutes: 56
Latitude Seconds: 30.13
Longitude Degrees: 81
Longitude Minutes: 26
Longitude Seconds: 23.54
Treatment: Not reported
Decode For Fstatus: Active

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

C14
Target
Property

GRAND OAKS PH 1D-1
SAINT AUGUSTINE, FL

NPDES **S125865594**
N/A

Site 3 of 3 in cluster C

Actual:
25 ft.

Focus Map:
6

WASTEWATER:

Name: GRAND OAKS PH 1D-1
Address: Not reported
City,State,Zip: SAINT AUGUSTINE, FL
Facility ID: FLR20DH91
Facility Type: Construction Generic Dewatering
Status: Active - Existing, permitted facility/site for which effluent, reclaimed water or wastewater residual discharge into the environment and/or monitoring is taking place.

District Office: TLST
NPDES Permitted Site: Not reported
Environmental Interest: Not reported
Owner Type: Private
Permit Capacity: Not reported
Party Name: Daniel Reynolds, PMTE
Company Name: Pulte Homes
RP Address: 124 Del Webb Pkwy
RP Address 2: Not reported
RP City,Stat,Zip: Ponte Vedra FL 32081-4388
Telephone: 9046863477
Email: dan.reynolds@delwebb.com
Issue Date: 11/30/2019
Effective Date: 11/30/2019
Expiration Date: 11/29/2024
DOC Description: Generic Permit
Latitude Degrees: 29
Latitude Minutes: 56
Latitude Seconds: 30.11
Longitude Degrees: 81
Longitude Minutes: 26
Longitude Seconds: 23.71
Treatment: Not reported
Decode For Fstatus: Active

15
Target
Property

PARK PLACE AKA TOMOKA FOREST
SAINT AUGUSTINE, FL

NPDES **S118096468**
N/A

WASTEWATER:

Actual:
29 ft.

Focus Map:
9

Name: PARK PLACE AKA TOMOKA FOREST
Address: Not reported
City,State,Zip: SAINT AUGUSTINE, FL
Facility ID: FLR10PK86
Facility Type: Construction Stormwater GP
Status: Active - Existing, permitted facility/site for which effluent, reclaimed water or wastewater residual discharge into the environment and/or monitoring is taking place.

District Office: TLST
NPDES Permitted Site: Not reported
Environmental Interest: Not reported
Owner Type: Unknown
Permit Capacity: Not reported
Party Name: Joe Fisher, PMTE
Company Name: Richmond American Homes of Florida LP

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PARK PLACE AKA TOMOKA FOREST (Continued)

S118096468

RP Address: 1560 Wells Rd Blvd A Ste 105
RP Address 2: Not reported
RP City,Stat,Zip: Orange Park FL 32073
Telephone: 9043618892
Email: joe.fisher@mdch.com
Issue Date: 07/25/2015
Effective Date: 07/25/2015
Expiration Date: 07/24/2020
DOC Description: Generic Permit
Latitude Degrees: 29
Latitude Minutes: 56
Latitude Seconds: 0.8
Longitude Degrees: 81
Longitude Minutes: 25
Longitude Seconds: 54.68
Treatment: Not reported
Decode For Fstatus: Active

16 **NORTH CONGREGATION OF JEHOVAH'**
Target **2920 SR 16**
Property **ST AUGUSTINE, FL 32092**

ECHO **1010491540**
N/A

Actual: **45 ft.**
Focus Map: **9**
ECHO:
Envid: 1010491540
Registry ID: 110032784235
DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110032784235>
Name: NORTH CONGREGATION OF JEHOVAH'
Address: 2920 SR 16
City,State,Zip: ST AUGUSTINE, FL 32092

17 **SR-16 WIDENING PROJECT**
Target **SR-16**
Property **SAINT AUGUSTINE, FL 32092**

ECHO **1011925930**
N/A

Actual: **44 ft.**
Focus Map: **9**
ECHO:
Envid: 1011925930
Registry ID: 110037474186
DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110037474186>
Name: SR-16 WIDENING PROJECT
Address: SR-16
City,State,Zip: SAINT AUGUSTINE, FL 32092

D18 **DAYS INN-INTERSTATE**
Target **I-95 & HWY 16**
Property **SAINT AUGUSTINE, FL 32092**

UST **U001379422**
N/A

Site 1 of 4 in cluster D

Actual: **44 ft.**
Focus Map: **9**
UST:
Facility ID: 8838457
Name: DAYS INN-INTERSTATE
Address: I-95 & HWY 16
City,State,Zip: SAINT AUGUSTINE, FL 32092
Facility Phone: 9048244341
Facility Status: CLOSED

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

DAYS INN-INTERSTATE (Continued)

U001379422

Facility Type: A
Type Description: Retail Station
Depco: P
Region: STATE
Positioning Method: UNVR
Latitude/Longitude: 29 55 10 / 81 24 55

UST:

Tank ID: 1
Tank Capacity: 10000
Tank Location: UNDERGROUND
Tank Status: B
Status Date: 11/30/1990
Install Date: 6/1/1972
Substance: B
Content Description: Unleaded Gas
Vessel Indicator: TANK
DEP Contractor: P

Owner:

Owner ID: 8319
Owner Name: GEORGE YANNI & PARTNERS
Owner Address: 2560 SR 16
Owner Address 2: Not reported
Owner City,State,Zip: SAINT AUGUSTINE, FL 32092
Owner Contact: JOHN YANNI
Owner Phone: 9048244341

Tank ID: 3
Tank Capacity: 10000
Tank Location: UNDERGROUND
Tank Status: B
Status Date: 11/30/1990
Install Date: 6/1/1972
Substance: B
Content Description: Unleaded Gas
Vessel Indicator: TANK
DEP Contractor: P

Owner:

Owner ID: 8319
Owner Name: GEORGE YANNI & PARTNERS
Owner Address: 2560 SR 16
Owner Address 2: Not reported
Owner City,State,Zip: SAINT AUGUSTINE, FL 32092
Owner Contact: JOHN YANNI
Owner Phone: 9048244341

Tank ID: 2
Tank Capacity: 10000
Tank Location: UNDERGROUND
Tank Status: B
Status Date: 11/30/1990
Install Date: 6/1/1972
Substance: A
Content Description: Leaded Gas
Vessel Indicator: TANK

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

DAYS INN-INTERSTATE (Continued)

U001379422

DEP Contractor: P
Owner:
Owner ID: 8319
Owner Name: GEORGE YANNI & PARTNERS
Owner Address: 2560 SR 16
Owner Address 2: Not reported
Owner City,State,Zip: SAINT AUGUSTINE, FL 32092
Owner Contact: JOHN YANNI
Owner Phone: 9048244341

D19 **ST AUGUSTINE GROC CONV STR**
Target **2500 STATE HWY 16**
Property **SAINT AUGUSTINE, FL 32092**

EDR Hist Auto **1021327635**
N/A

Site 2 of 4 in cluster D

Actual: EDR Hist Auto
44 ft.

Focus Map: Year: Name: Type:
9 1991 ST AUGUSTINE GROC CONV STR Convenience Stores

D20 **TEXACO #24-110-0004-MICKLER**
Target **2500 HWY 16**
Property **SAINT AUGUSTINE, FL 32092**

LUST **U001372515**
UST **N/A**
CLEANUP SITES
DWM CONTAM
Financial Assurance

Site 3 of 4 in cluster D

Actual: LUST:
44 ft.
Focus Map: Name: TEXACO #24-110-0004-MICKLER
9 Address: 2500 HWY 16
City,State,Zip: SAINT AUGUSTINE, FL 32092
Region: STATE
Facility Id: 8515920
Facility Status: CLOSED
Facility Type: A - Retail Station
Facility Phone: (770)210-8648
Facility Cleanup Rank: 936
District: Northeast District
Lat/Long (dms): 29 55 8.49890000 / 81 24 51.9037000
Section: Not reported
Township: Not reported
Range: Not reported
Feature: Not reported
Method: AGPS
Datum: 0
Score: 10
Score Effective Date: 2011-08-18 00:00:00
Score When Ranked: 74
Operator: BARBARA TAYLOR
Name Update: Not reported
Address Update: 1998-04-08 00:00:00

Petroleum Cleanup PCT Facility Score:
Facility Cleanup Status: ONGO - ONGOING

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TEXACO #24-110-0004-MICKLER (Continued)

U001372515

Contact: GERLAD DONNINI
Contact Company: MACMILLAN OIL
Contact Address: 609 N HEPBURN AVE
Contact City/State/Zip: JUPITER, FL 33458
Phone: (561)768-9327
Bad Address Ind: N
State: FL
Zip: 32092, 702
Score: 10
Score Effective Date: 2011-08-18 00:00:00
Related Party ID: 55998
Primary RP Role: ACCOUNT OWNER
RP Begin Date: 2004-04-07
RP Zip: 5015
RP Extension: Not reported

Discharge Cleanup Summary:

Discharge Date: 3/26/1991
PCT Discharge Combined: Not reported
Cleanup Required: R - CLEANUP REQUIRED
Discharge Cleanup Status: RA - RA ONGOING
Disch Cleanup Status Date: 12/22/2000
Cleanup Work Status: ACTIVE
Information Source: A - ABANDONED TANK RESTORATION
Other Source Description: Not reported
Eligibility Indicator: E - ELIGIBLE
Site Manager: BERNARD_JD_1
Site Mgr End Date: Not reported
Tank Office: PCTM5 - PETROLEUM CLEANUP TEAM 5
Discharge Date: 7/1/1987
PCT Discharge Combined: Not reported
Cleanup Required: R - CLEANUP REQUIRED
Discharge Cleanup Status: RA - RA ONGOING
Disch Cleanup Status Date: 4/4/1988
Cleanup Work Status: ACTIVE
Information Source: E - EDI
Other Source Description: Not reported
Eligibility Indicator: E - ELIGIBLE
Site Manager: BERNARD_JD_1
Site Mgr End Date: Not reported
Tank Office: PCTM5 - PETROLEUM CLEANUP TEAM 5

Petroleum Cleanup Program Eligibility:

Facility ID: 8515920
Discharge Date: 7/1/1987
Pct Discharge Combined With: Not reported
Cleanup Required: R - CLEANUP REQUIRED
Discharge Cleanup Status: RA - RA ONGOING
Disch Cleanup Status Date: 4/4/1988
Cleanup Work Status: INACTIVE
Information Source: E - EDI
Other Source Description: Not reported
Application Received Date: 1988-06-20 00:00:00
Cleanup Program: E - EARLY DETECTION INCENTIVE
Eligibility Status: 1988-12-13 00:00:00
Elig Status Date: 1988-12-13 00:00:00
Letter Of Intent Date: 1988-06-13 00:00:00

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TEXACO #24-110-0004-MICKLER (Continued)

U001372515

Redetermined:	No
Inspection Date:	1988-07-19 00:00:00
Site Manager:	BERNARD_JD_1
Site Mgr End Date:	Not reported
Tank Office:	PCTM5 - PETROLEUM CLEANUP TEAM 5
Deductible Amount:	Not reported
Deductible Paid To Date:	0
Co-Pay Amount:	Not reported
Co-Pay Paid To Date:	0
Cap Amount:	Not reported
Facility ID:	8515920
Discharge Date:	3/26/1991
Pct Discharge Combined With:	Not reported
Cleanup Required:	R - CLEANUP REQUIRED
Discharge Cleanup Status:	RA - RA ONGOING
Disch Cleanup Status Date:	12/22/2000
Cleanup Work Status:	ACTIVE
Information Source:	A - ABANDONED TANK RESTORATION
Other Source Description:	Not reported
Application Received Date:	1991-08-16 00:00:00
Cleanup Program:	A - ABANDONED TANK RESTORATION PROGRAM
Eligibility Status:	1991-09-06 00:00:00
Elig Status Date:	1991-09-06 00:00:00
Letter Of Intent Date:	1991-08-16 00:00:00
Redetermined:	No
Inspection Date:	1991-06-03 00:00:00
Site Manager:	BERNARD_JD_1
Site Mgr End Date:	Not reported
Tank Office:	PCTM5 - PETROLEUM CLEANUP TEAM 5
Deductible Amount:	500
Deductible Paid To Date:	500
Co-Pay Amount:	0
Co-Pay Paid To Date:	0
Cap Amount:	Not reported
Contaminated Media:	
Discharge Date:	3/26/1991
Pct Discharge Combined With:	Not reported
Cleanup Required:	R - CLEANUP REQUIRED
Discharge Cleanup Status:	RA - RA ONGOING
Disch Cleanup Status Date:	12/22/2000
Cleanup Work Status:	ACTIVE
Information Source:	A - ABANDONED TANK RESTORATION
Other Source Description:	Not reported
Elig Indicator:	E - ELIGIBLE
Site Manager:	BERNARD_JD_1
Site Mgr End Date:	Not reported
Tank Office:	PCTM5 - PETROLEUM CLEANUP TEAM
Contaminated Drinking Wells:	Not reported
Contaminated Monitoring Well:	Not reported
Contaminated Soil:	Not reported
Contaminated Surface Water:	Not reported
Contaminated Ground Water:	Not reported
Pollutant:	K - Kerosene
Pollutant Other Description:	Not reported
Gallons Discharged:	Not reported
Discharge Date:	7/1/1987
Pct Discharge Combined With:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TEXACO #24-110-0004-MICKLER (Continued)

U001372515

Cleanup Required:	R - CLEANUP REQUIRED
Discharge Cleanup Status:	RA - RA ONGOING
Disch Cleanup Status Date:	4/4/1988
Cleanup Work Status:	INACTIVE
Information Source:	E - EDI
Other Source Description:	Not reported
Elig Indicator:	E - ELIGIBLE
Site Manager:	BERNARD_JD_1
Site Mgr End Date:	Not reported
Tank Office:	PCTM5 - PETROLEUM CLEANUP TEAM
Contaminated Drinking Wells:	0
Contaminated Monitoring Well:	Yes
Contaminated Soil:	Yes
Contaminated Surface Water:	No
Contaminated Ground Water:	Yes
Pollutant:	A - Leaded Gas
Pollutant Other Description:	Not reported
Gallons Discharged:	Not reported
Discharge Date:	7/1/1987
Pct Discharge Combined With:	Not reported
Cleanup Required:	R - CLEANUP REQUIRED
Discharge Cleanup Status:	RA - RA ONGOING
Disch Cleanup Status Date:	4/4/1988
Cleanup Work Status:	INACTIVE
Information Source:	E - EDI
Other Source Description:	Not reported
Elig Indicator:	E - ELIGIBLE
Site Manager:	BERNARD_JD_1
Site Mgr End Date:	Not reported
Tank Office:	PCTM5 - PETROLEUM CLEANUP TEAM
Contaminated Drinking Wells:	0
Contaminated Monitoring Well:	Yes
Contaminated Soil:	Yes
Contaminated Surface Water:	No
Contaminated Ground Water:	Yes
Pollutant:	B - Unleaded Gas
Pollutant Other Description:	Not reported
Gallons Discharged:	Not reported

Task Information:

District:	NED
Facility ID:	8515920
Facility Status:	CLOSED
Facility Type:	A - Retail Station -
County:	ST. JOHNS
County ID:	55
Cleanup Eligibility Status:	E
Source Effective Date:	Not reported
Discharge Date:	03-26-1991
Cleanup Required:	R - CLEANUP REQUIRED
Discharge Cleanup Status:	RA - RA ONGOING
Disch Cleanup Status Date:	12-22-2000
SRC Action Type:	-
SRC Submit Date:	Not reported
SRC Review Date:	Not reported
SRC Completion Status:	-
SRC Issue Date:	Not reported
SRC Comment:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TEXACO #24-110-0004-MICKLER (Continued)

U001372515

Cleanup Work Status:	INACTIVE
Site Mgr:	CARROW_S
Site Mgr End Date:	04-04-2017
Tank Office:	PCLP16 - Duval County
SR Task ID:	Not reported
SR Cleanup Responsible:	-
SR Funding Eligibility Type:	-
SR Actual Cost:	Not reported
SR Completion Date:	Not reported
SR Payment Date:	Not reported
SR Oral Date:	Not reported
SR Written Date:	Not reported
SR Soil Removal:	Not reported
SR Free Product Removal:	Not reported
SR Soil Tonnage Removed:	Not reported
SR Soil Treatment:	Not reported
SR Other Treatment:	Not reported
SR Alternate Proc Received Date:	Not reported
SR Alternate Procedure Status:	Not reported
SR Alternate Procedure Status Date:	Not reported
SR Alternate Procedure Comments:	Not reported
SA Task ID:	70586
SA Cleanup Responsible:	-
SA Funding Eligibility Type:	-
SA Actual Cost:	Not reported
SA Completion Date:	Not reported
SA Payment Date:	Not reported
RAP Task ID:	Not reported
RAP Cleanup Responsible ID:	-
RAP Funding Eligibility Type:	-
RAP Actual Cost:	Not reported
RAP Completion Date:	Not reported
RAP Payment Date:	Not reported
RAP Last Order Approved:	Not reported
RA Task ID:	70585
RA Cleanup Responsible:	-
RA Funding Eligibility Type:	-
RA Years to Complete:	Not reported
RA Actual Cost:	Not reported
District:	NED
Facility ID:	8515920
Facility Status:	CLOSED
Facility Type:	A - Retail Station -
County:	ST. JOHNS
County ID:	55
Cleanup Eligibility Status:	E
Source Effective Date:	Not reported
Discharge Date:	07-01-1987
Cleanup Required:	R - CLEANUP REQUIRED
Discharge Cleanup Status:	RA - RA ONGOING
Disch Cleanup Status Date:	04-04-1988
SRC Action Type:	-
SRC Submit Date:	Not reported
SRC Review Date:	Not reported
SRC Completion Status:	-
SRC Issue Date:	Not reported
SRC Comment:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TEXACO #24-110-0004-MICKLER (Continued)

U001372515

Cleanup Work Status:	INACTIVE
Site Mgr:	CARROW_S
Site Mgr End Date:	04-04-2017
Tank Office:	PCLP16 - Duval County
SR Task ID:	14927
SR Cleanup Responsible:	-
SR Funding Eligibility Type:	-
SR Actual Cost:	Not reported
SR Completion Date:	Not reported
SR Payment Date:	02-04-1993
SR Oral Date:	Not reported
SR Written Date:	Not reported
SR Soil Removal:	Not reported
SR Free Product Removal:	Not reported
SR Soil Tonnage Removed:	Not reported
SR Soil Treatment:	Not reported
SR Other Treatment:	Not reported
SR Alternate Proc Received Date:	Not reported
SR Alternate Procedure Status:	Not reported
SR Alternate Procedure Status Date:	Not reported
SR Alternate Procedure Comments:	Not reported
SA Task ID:	14928
SA Cleanup Responsible:	-
SA Funding Eligibility Type:	-
SA Actual Cost:	Not reported
SA Completion Date:	Not reported
SA Payment Date:	02-04-1993
RAP Task ID:	14929
RAP Cleanup Responsible ID:	RP - RESPONSIBLE PARTY
RAP Funding Eligibility Type:	-
RAP Actual Cost:	\$120,988.00
RAP Completion Date:	10-17-1990
RAP Payment Date:	02-04-1993
RAP Last Order Approved:	1990-10-17 00:00:00
RA Task ID:	14930
RA Cleanup Responsible:	RP - RESPONSIBLE PARTY
RA Funding Eligibility Type:	-
RA Years to Complete:	Not reported
RA Actual Cost:	Not reported

[Click here for Florida Oculus:](#)

UST:

Facility ID:	8515920
Name:	TEXACO #24-110-0004-MICKLER
Address:	2500 HWY 16
City,State,Zip:	SAINT AUGUSTINE, FL 32092
Facility Phone:	7702108648
Facility Status:	CLOSED
Facility Type:	A
Type Description:	Retail Station
Depco:	P
Region:	STATE
Positioning Method:	AGPS
Latitude/Longitude:	29 55 9 / 81 24 48

UST:

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TEXACO #24-110-0004-MICKLER (Continued)

U001372515

Tank ID: 1
Tank Capacity: 12000
Tank Location: UNDERGROUND
Tank Status: B
Status Date: 12/01/2002
Install Date: 5/1/1984
Substance: B
Content Description: Unleaded Gas
Vessel Indicator: TANK
DEP Contractor: P

Owner:

Owner ID: 55998
Owner Name: MACMILLAN OIL
Owner Address: 609 N HEPBURN AVE
Owner Address 2: STE 105
Owner City,State,Zip: JUPITER, FL 33458
Owner Contact: GERLAD DONNINI
Owner Phone: 5617689327

Tank ID: 2
Tank Capacity: 10000
Tank Location: UNDERGROUND
Tank Status: B
Status Date: 12/01/2002
Install Date: 5/1/1984
Substance: B
Content Description: Unleaded Gas
Vessel Indicator: TANK
DEP Contractor: P

Owner:

Owner ID: 55998
Owner Name: MACMILLAN OIL
Owner Address: 609 N HEPBURN AVE
Owner Address 2: STE 105
Owner City,State,Zip: JUPITER, FL 33458
Owner Contact: GERLAD DONNINI
Owner Phone: 5617689327

Tank ID: 3
Tank Capacity: 10000
Tank Location: UNDERGROUND
Tank Status: B
Status Date: 12/01/2002
Install Date: 5/1/1984
Substance: D
Content Description: Vehicular Diesel
Vessel Indicator: TANK
DEP Contractor: P

Owner:

Owner ID: 55998
Owner Name: MACMILLAN OIL
Owner Address: 609 N HEPBURN AVE
Owner Address 2: STE 105
Owner City,State,Zip: JUPITER, FL 33458

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TEXACO #24-110-0004-MICKLER (Continued)

U001372515

Owner Contact: GERLAD DONNINI
Owner Phone: 5617689327

Tank ID: 4
Tank Capacity: 8000
Tank Location: UNDERGROUND
Tank Status: B
Status Date: 12/01/2002
Install Date: 5/1/1984
Substance: B
Content Description: Unleaded Gas
Vessel Indicator: TANK
DEP Contractor: P

Owner:

Owner ID: 55998
Owner Name: MACMILLAN OIL
Owner Address: 609 N HEPBURN AVE
Owner Address 2: STE 105
Owner City,State,Zip: JUPITER, FL 33458
Owner Contact: GERLAD DONNINI
Owner Phone: 5617689327

Tank ID: 5
Tank Capacity: 550
Tank Location: UNDERGROUND
Tank Status: B
Status Date: 04/01/1991
Install Date: 7/1/1984
Substance: L
Content Description: Waste Oil
Vessel Indicator: TANK
DEP Contractor: P

Owner:

Owner ID: 55998
Owner Name: MACMILLAN OIL
Owner Address: 609 N HEPBURN AVE
Owner Address 2: STE 105
Owner City,State,Zip: JUPITER, FL 33458
Owner Contact: GERLAD DONNINI
Owner Phone: 5617689327

Tank ID: 6
Tank Capacity: 550
Tank Location: UNDERGROUND
Tank Status: B
Status Date: 04/30/1991
Install Date: Not reported
Substance: L
Content Description: Waste Oil
Vessel Indicator: TANK
DEP Contractor: P

Owner:

Owner ID: 55998

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TEXACO #24-110-0004-MICKLER (Continued)

U001372515

Owner Name: MACMILLAN OIL
Owner Address: 609 N HEPBURN AVE
Owner Address 2: STE 105
Owner City,State,Zip: JUPITER, FL 33458
Owner Contact: GERLAD DONNINI
Owner Phone: 5617689327

Tank ID: 7
Tank Capacity: 1000
Tank Location: UNDERGROUND
Tank Status: B
Status Date: 04/30/1991
Install Date: Not reported
Substance: D
Content Description: Vehicular Diesel
Vessel Indicator: TANK
DEP Contractor: P

Owner:
Owner ID: 55998
Owner Name: MACMILLAN OIL
Owner Address: 609 N HEPBURN AVE
Owner Address 2: STE 105
Owner City,State,Zip: JUPITER, FL 33458
Owner Contact: GERLAD DONNINI
Owner Phone: 5617689327

CLEANUP SITES:

Name: TEXACO #24-110-0004-MICKLER
Address: 2500 HWY 16
City,State,Zip: SAINT AUGUSTINE, FL 32092
DEP Cleanup Site Key: 74755667
Source Database Name: Storage Tank Contamination Monitoring
Source Database Id: 8515920
CPAC Program Area Id: TK
CLLC Cleanup Category Key: PETRO
RSC2 Remediation Status Key: ACTIVE
Data Load Date: 02/20/2023
OC3 Office Id: NED
Physical Address Line 2: Not reported
OIC Object Of Interest Id: FACIL
PC2 Proximity Id: EXACT
Calc Coordinates Accuracy Level Id: 3
CMC2 Coordinate Method Id: Differentially Corrected GPS
DC4 Datum Id: Geodetic Survey of 1984
VSC1 Verification Status: REVIEWED
Collect Username: CALTA_H
Collect Date: 10/28/2003
Collect Affiliation: FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
Map Source: 1999 doqs
Map Source Scale: 2974
Interpolation Scale: Not reported
Verifier Username: CALTA_H
Verifier Affiliation: FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TEXACO #24-110-0004-MICKLER (Continued)

U001372515

Verification Date: 10/28/2003
Verified Coordinate Method Id: Digital Aerial Photography With Ground Control
Source Database Name Code: STCM
CMC2 Coordinate Method ID Code: DGPS
DC4 Datum ID Code: WGS84
Verified Coordinate Method ID Code: DPHO
Comments: Not reported
Latitude/Longitude (deg/min/sec): 29 55 / 81 24

DWM CONTAM:

Name: TEXACO #24-110-0004-MICKLER
Address: 2500 HWY 16
City,State,Zip: SAINT AUGUSTINE, FL 32092
Program Site Id: 8515920
Lat DD: 29
Lat MM: 55
Lat SS: Not reported
Long DD: 81
Long MM: 24
Long SS: 48
Office/ District: NED
Program Area: PETROLEUM
Priority Score: Not reported
Datum: 0
Method: AGPS
Facility Status: ON HOLD-STCM
Facility Type: A - Retail Station
Score Effective Date: 2011-08-18 00:00:00
Score When Ranked: 74
Rank: 936
Operator: Not reported
Phone: Not reported
Name Changed: Not reported
Addr Changed: Not reported
Related Party ID: 55998
Primary RP Role: ACCOUNT OWNER
RP Begin Date: 4/7/2004
RP Name: MACMILLAN OIL
RP Address1: 609 N HEPBURN AVE
RP Address2: STE 105
RP City: JUPITER
RP State: FL
RP Zip5: 33458
RP Zip4: 5015
Contact: GERLAD DONNINI
RP Phone: (561)768-9327
RP Extension: Not reported
Site Manager: Not reported

Name: TEXACO #24-110-0004-MICKLER
Address: 2500 HWY 16
City,State,Zip: SAINT AUGUSTINE, FL 32092
Program Site Id: 8515920
Lat DD: 29
Lat MM: 55
Lat SS: Not reported
Long DD: 81

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TEXACO #24-110-0004-MICKLER (Continued)

U001372515

Long MM: 24
Long SS: 48
Office/ District: NED
Program Area: PETROLEUM
Priority Score: Not reported
Datum: 0
Method: AGPS
Facility Status: ON HOLD-STCM
Facility Type: A - Retail Station
Score Effective Date: 2011-08-18 00:00:00
Score When Ranked: 74
Rank: 936
Operator: Not reported
Phone: Not reported
Name Changed: Not reported
Addr Changed: Not reported
Related Party ID: 55998
Primary RP Role: ACCOUNT OWNER
RP Begin Date: 4/7/2004
RP Name: MACMILLAN OIL
RP Address1: 609 N HEPBURN AVE
RP Address2: STE 105
RP City: JUPITER
RP State: FL
RP Zip5: 33458
RP Zip4: 5015
Contact: GERLAD DONNINI
RP Phone: (561)768-9327
RP Extension: Not reported
Site Manager: Not reported

FL Financial Assurance 3:

Name: TEXACO #24-110-0004-MICKLER
Address: 2500 HWY 16
City,State,Zip: SAINT AUGUSTINE, FL 32092
Region: 3
Facility ID: 8515920
Facility Phone: 7702108648
Facility Status: CLOSED
Facility Type: A
Type Description: Retail Station
DEP CO: P
Financial Responsibility: INSURANCE
Insurance Company: INSURANCE CO OF NORTH AMERICA
Effective Date: 03/21/2002
Expire Date: 01/01/2003
Owner ID: 55998
Owner Name: MACMILLAN OIL
Owner Address: 609 N HEPBURN AVE
Owner Address2: STE 105
Owner City,St,Zip: JUPITER, FL 33458
Contact: GERLAD DONNINI
Resp Party Phone: 5617689327

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

D21
Target
Property
TEXACO #24-110-0004-MICKLER
2500 HWY 16
SAINT AUGUSTINE, FL

RGA LUST
S115201675
N/A

Site 4 of 4 in cluster D

Actual:
44 ft.

RGA LUST:

Focus Map:
9

2012	TEXACO #24-110-0004-MICKLER	2500 HWY 16
2011	TEXACO #24-110-0004-MICKLER	2500 HWY 16
2010	TEXACO #24-110-0004-MICKLER	2500 HWY 16
2009	TEXACO #24-110-0004-MICKLER	2500 HWY 16
2008	TEXACO #24-110-0004-MICKLER	2500 HWY 16
2007	TEXACO #24-110-0004-MICKLER	2500 HWY 16
2006	TEXACO #24-110-0004-MICKLER	2500 HWY 16
2005	TEXACO #24-110-0004-MICKLER	2500 HWY 16
2004	TEXACO #24-110-0004-MICKLER	2500 HWY 16
2003	TEXACO #24-110-0004-MICKLER	2500 HWY 16
2002	TEXACO #24-110-0004-MICKLER	2500 HWY 16
2001	TEXACO #24-110-0004-MICKLER	2500 HWY 16
2000	TEXACO #24-110-0004-MICKLER	2500 HWY 16
1999	TEXACO #24-110-0004-MICKLER	2500 HWY 16
1998	TEXACO #24-110-0004-MICKLER	2500 HWY 16

E22
SW
< 1/8
0.012 mi.
62 ft.
EXXON STATION
2450 I-95 & HWY 16
SAINT AUGUSTINE, FL 32084
Site 1 of 3 in cluster E

LUST
UST
U003107623
N/A
CLEANUP SITES
DWM CONTAM
Financial Assurance

Actual:
44 ft.

LUST:

Focus Map:
9

Name:	EXXON STATION
Address:	2450 I-95 & HWY 16
City,State,Zip:	SAINT AUGUSTINE, FL 32084
Region:	STATE
Facility Id:	8515941
Facility Status:	OPEN
Facility Type:	A - Retail Station
Facility Phone:	(904)824-1910
Facility Cleanup Rank:	265
District:	Northeast District
Lat/Long (dms):	29 55 7.09579999 / 81 24 49.2946000
Section:	Not reported
Township:	Not reported
Range:	Not reported
Feature:	Not reported
Method:	AGPS
Datum:	0
Score:	10
Score Effective Date:	2011-06-21 00:00:00
Score When Ranked:	83
Operator:	MALEY, BOB
Name Update:	1996-04-29 00:00:00
Address Update:	1996-04-29 00:00:00

Petroleum Cleanup PCT Facility Score:

Facility Cleanup Status:	ONGO - ONGOING
Contact:	ROBERT MALLEY
Contact Company:	MALLEY FAMILY PARTNERSHIP
Contact Address:	3434 RAULERSON RD
Contact City/State/Zip:	SAINT AUGUSTINE, FL 32092

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EXXON STATION (Continued)

U003107623

Phone: (904)824-2145
Bad Address Ind: N
State: FL
Zip: 32084
Score: 10
Score Effective Date: 2011-06-21 00:00:00
Related Party ID: 43315
Primary RP Role: ACCOUNT OWNER
RP Begin Date: 1996-04-29
RP Zip: 555
RP Extension: Not reported

Discharge Cleanup Summary:

Discharge Date: 7/10/2017
PCT Discharge Combined: Not reported
Cleanup Required: R - CLEANUP REQUIRED
Discharge Cleanup Status: SRCR - SRCR COMPLETE
Disch Cleanup Status Date: 10/20/2022
Cleanup Work Status: COMPLETED
Information Source: C - CLOSURE REPORT
Other Source Description: Not reported
Eligibility Indicator: I - INELIGIBLE
Site Manager: PHILLIPS_JD
Site Mgr End Date: 8/15/2022
Tank Office: PCLP16 - CITY OF JAX NEIGHBORHOODS DEPT ENVIRO QUAL DIV
Discharge Date: 9/18/1985
PCT Discharge Combined: Not reported
Cleanup Required: R - CLEANUP REQUIRED
Discharge Cleanup Status: RA - RA ONGOING
Disch Cleanup Status Date: 5/28/1990
Cleanup Work Status: ACTIVE
Information Source: D - DISCHARGE NOTIFICATION
Other Source Description: Not reported
Eligibility Indicator: E - ELIGIBLE
Site Manager: PHILLIPS_JD
Site Mgr End Date: Not reported
Tank Office: PCLP16 - CITY OF JAX NEIGHBORHOODS DEPT ENVIRO QUAL DIV

Petroleum Cleanup Program Eligibility:

Facility ID: 8515941
Discharge Date: 9/18/1985
Pct Discharge Combined With: Not reported
Cleanup Required: R - CLEANUP REQUIRED
Discharge Cleanup Status: RA - RA ONGOING
Disch Cleanup Status Date: 5/28/1990
Cleanup Work Status: ACTIVE
Information Source: D - DISCHARGE NOTIFICATION
Other Source Description: Not reported
Application Received Date: 1985-11-12 00:00:00
Cleanup Program: E - EARLY DETECTION INCENTIVE
Eligibility Status: 1990-03-13 00:00:00
Elig Status Date: 1990-03-13 00:00:00
Letter Of Intent Date: 1986-07-29 00:00:00
Redetermined: No
Inspection Date: 1987-02-05 00:00:00
Site Manager: PHILLIPS_JD
Site Mgr End Date: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EXXON STATION (Continued)

U003107623

Tank Office:	PCLP16 - CITY OF JAX NEIGHBORHOODS DEPT ENVIRO QUAL DIV
Deductible Amount:	Not reported
Deductible Paid To Date:	0
Co-Pay Amount:	Not reported
Co-Pay Paid To Date:	0
Cap Amount:	Not reported
Contaminated Media:	
Discharge Date:	7/10/2017
Pct Discharge Combined With:	Not reported
Cleanup Required:	R - CLEANUP REQUIRED
Discharge Cleanup Status:	SRCR - SRCR COMPLETE
Disch Cleanup Status Date:	10/20/2022
Cleanup Work Status:	COMPLETED
Information Source:	C - CLOSURE REPORT
Other Source Description:	Not reported
Elig Indicator:	I - INELIGIBLE
Site Manager:	PHILLIPS_JD
Site Mgr End Date:	8/15/2022
Tank Office:	PCLP16 - CITY OF JAX NEIGHBORH
Contaminated Drinking Wells:	Not reported
Contaminated Monitoring Well:	No
Contaminated Soil:	Yes
Contaminated Surface Water:	No
Contaminated Ground Water:	Yes
Pollutant:	B - Unleaded Gas
Pollutant Other Description:	Gasoline and Diesel
Gallons Discharged:	Not reported
Discharge Date:	9/18/1985
Pct Discharge Combined With:	Not reported
Cleanup Required:	R - CLEANUP REQUIRED
Discharge Cleanup Status:	RA - RA ONGOING
Disch Cleanup Status Date:	5/28/1990
Cleanup Work Status:	ACTIVE
Information Source:	D - DISCHARGE NOTIFICATION
Other Source Description:	Not reported
Elig Indicator:	E - ELIGIBLE
Site Manager:	PHILLIPS_JD
Site Mgr End Date:	Not reported
Tank Office:	PCLP16 - CITY OF JAX NEIGHBORH
Contaminated Drinking Wells:	0
Contaminated Monitoring Well:	Yes
Contaminated Soil:	Yes
Contaminated Surface Water:	No
Contaminated Ground Water:	Yes
Pollutant:	B - Unleaded Gas
Pollutant Other Description:	Not reported
Gallons Discharged:	234
Task Information:	
District:	NED
Facility ID:	8515941
Facility Status:	OPEN
Facility Type:	A - Retail Station -
County:	ST. JOHNS
County ID:	55
Cleanup Eligibility Status:	E
Source Effective Date:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EXXON STATION (Continued)

U003107623

Discharge Date: 09-18-1985
Cleanup Required: R - CLEANUP REQUIRED
Discharge Cleanup Status: RA - RA ONGOING
Disch Cleanup Status Date: 05-28-1990
SRC Action Type: -
SRC Submit Date: Not reported
SRC Review Date: Not reported
SRC Completion Status: -
SRC Issue Date: Not reported
SRC Comment: Not reported
Cleanup Work Status: INACTIVE
Site Mgr: HANKINSON_SJ
Site Mgr End Date: 05-15-2013
Tank Office: PCTM5 - Team 5
SR Task ID: 14915
SR Cleanup Responsible: RP - RESPONSIBLE PARTY
SR Funding Eligibility Type: -
SR Actual Cost: Not reported
SR Completion Date: 10-17-2006
SR Payment Date: Not reported
SR Oral Date: Not reported
SR Written Date: Not reported
SR Soil Removal: Y
SR Free Product Removal: Not reported
SR Soil Tonnage Removed: 2170
SR Soil Treatment: Not reported
SR Other Treatment: Not reported
SR Alternate Proc Received Date: Not reported
SR Alternate Procedure Status: Not reported
SR Alternate Procedure Status Date: Not reported
SR Alternate Procedure Comments: Not reported
SA Task ID: 14916
SA Cleanup Responsible: RP - RESPONSIBLE PARTY
SA Funding Eligibility Type: -
SA Actual Cost: Not reported
SA Completion Date: 10-27-1987
SA Payment Date: 09-06-1991
RAP Task ID: 14917
RAP Cleanup Responsible ID: RP - RESPONSIBLE PARTY
RAP Funding Eligibility Type: -
RAP Actual Cost: Not reported
RAP Completion Date: 08-03-2001
RAP Payment Date: 09-06-1991
RAP Last Order Approved: 1989-09-18 00:00:00
RA Task ID: 14918
RA Cleanup Responsible: RP - RESPONSIBLE PARTY
RA Funding Eligibility Type: -
RA Years to Complete: Not reported
RA Actual Cost: \$71,548.72

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UST:

Facility ID: 8515941
Name: EXXON STATION
Address: 2450 I-95 & HWY 16
City,State,Zip: SAINT AUGUSTINE, FL 32084

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EXXON STATION (Continued)

U003107623

Facility Phone: 9048241910
Facility Status: OPEN
Facility Type: A
Type Description: Retail Station
Depco: P
Region: STATE
Positioning Method: AGPS
Latitude/Longitude: 29 55 5 / 81 24 51

UST:

Tank ID: 1
Tank Capacity: 10000
Tank Location: UNDERGROUND
Tank Status: B
Status Date: 09/01/2006
Install Date: 8/1/1980
Substance: B
Content Description: Unleaded Gas
Vessel Indicator: TANK
DEP Contractor: P

Owner:

Owner ID: 43315
Owner Name: MALLEY FAMILY PARTNERSHIP
Owner Address: 3434 RAULERSON RD
Owner Address 2: Not reported
Owner City,State,Zip: SAINT AUGUSTINE, FL 32092
Owner Contact: ROBERT MALLEY
Owner Phone: 9048242145

Construction:

Tank ID: 8
Construction Category: C
Construction Description: Steel

Tank ID: 8
Construction Category: M
Construction Description: Spill containment bucket

Tank ID: 8
Construction Category: N
Construction Description: Flow shut-Off

Tank ID: 8
Construction Category: O
Construction Description: Tight fill

Tank ID: 8
Construction Category: R
Construction Description: Double wall - tank jacket

Tank ID: 8
Construction Category: L
Construction Description: Compartmented

Piping:

Tank ID: 8

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EXXON STATION (Continued)

U003107623

Piping Category: J
Piping Description: Pressurized piping system

Tank ID: 8
Piping Category: K
Piping Description: Dispenser liners

Tank ID: 8
Piping Category: N
Piping Description: Approved synthetic material

Tank ID: 8
Piping Category: M
Piping Description: Double wall - pipe jacket

Monitoring:
Tank ID: 8
Petro Monitoring Category: 4
Monitoring Description: Visual inspect dispenser liners

Tank ID: 8
Petro Monitoring Category: F
Monitoring Description: Monitor dbl wall tank space

Tank ID: 8
Petro Monitoring Category: L
Monitoring Description: Automatic tank gauging - USTs

Tank ID: 8
Petro Monitoring Category: K
Monitoring Description: Monitor dbl wall pipe space

Tank ID: 8
Petro Monitoring Category: 3
Monitoring Description: Electronic monitor pipe sumps

Tank ID: 2
Tank Capacity: 6000
Tank Location: UNDERGROUND
Tank Status: B
Status Date: 09/01/2006
Install Date: 8/1/1980
Substance: B
Content Description: Unleaded Gas
Vessel Indicator: TANK
DEP Contractor: P

Owner:
Owner ID: 43315
Owner Name: MALLEY FAMILY PARTNERSHIP
Owner Address: 3434 RAULERSON RD
Owner Address 2: Not reported
Owner City,State,Zip: SAINT AUGUSTINE, FL 32092
Owner Contact: ROBERT MALLEY
Owner Phone: 9048242145

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EXXON STATION (Continued)

U003107623

Construction:

Tank ID:	8
Construction Category:	C
Construction Description:	Steel
Tank ID:	8
Construction Category:	M
Construction Description:	Spill containment bucket
Tank ID:	8
Construction Category:	N
Construction Description:	Flow shut-Off
Tank ID:	8
Construction Category:	O
Construction Description:	Tight fill
Tank ID:	8
Construction Category:	R
Construction Description:	Double wall - tank jacket
Tank ID:	8
Construction Category:	L
Construction Description:	Compartmented

Piping:

Tank ID:	8
Piping Category:	J
Piping Description:	Pressurized piping system
Tank ID:	8
Piping Category:	K
Piping Description:	Dispenser liners
Tank ID:	8
Piping Category:	N
Piping Description:	Approved synthetic material
Tank ID:	8
Piping Category:	M
Piping Description:	Double wall - pipe jacket

Monitoring:

Tank ID:	8
Petro Monitoring Category:	4
Monitoring Description:	Visual inspect dispenser liners
Tank ID:	8
Petro Monitoring Category:	F
Monitoring Description:	Monitor dbl wall tank space
Tank ID:	8
Petro Monitoring Category:	L
Monitoring Description:	Automatic tank gauging - USTs
Tank ID:	8

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EXXON STATION (Continued)

U003107623

Petro Monitoring Category: K
Monitoring Description: Monitor dbl wall pipe space

Tank ID: 8
Petro Monitoring Category: 3
Monitoring Description: Electronic monitor pipe sumps

Tank ID: 3
Tank Capacity: 8000
Tank Location: UNDERGROUND
Tank Status: B
Status Date: 09/01/2006
Install Date: 8/1/1980
Substance: B
Content Description: Unleaded Gas
Vessel Indicator: TANK
DEP Contractor: P

Owner:
Owner ID: 43315
Owner Name: MALLEY FAMILY PARTNERSHIP
Owner Address: 3434 RAULERSON RD
Owner Address 2: Not reported
Owner City,State,Zip: SAINT AUGUSTINE, FL 32092
Owner Contact: ROBERT MALLEY
Owner Phone: 9048242145

Construction:
Tank ID: 8
Construction Category: C
Construction Description: Steel

Tank ID: 8
Construction Category: M
Construction Description: Spill containment bucket

Tank ID: 8
Construction Category: N
Construction Description: Flow shut-Off

Tank ID: 8
Construction Category: O
Construction Description: Tight fill

Tank ID: 8
Construction Category: R
Construction Description: Double wall - tank jacket

Tank ID: 8
Construction Category: L
Construction Description: Compartmented

Piping:
Tank ID: 8
Piping Category: J
Piping Description: Pressurized piping system

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EXXON STATION (Continued)

U003107623

Tank ID: 8
Piping Category: K
Piping Description: Dispenser liners

Tank ID: 8
Piping Category: N
Piping Description: Approved synthetic material

Tank ID: 8
Piping Category: M
Piping Description: Double wall - pipe jacket

Monitoring:

Tank ID: 8
Petro Monitoring Category: 4
Monitoring Description: Visual inspect dispenser liners

Tank ID: 8
Petro Monitoring Category: F
Monitoring Description: Monitor dbl wall tank space

Tank ID: 8
Petro Monitoring Category: L
Monitoring Description: Automatic tank gauging - USTs

Tank ID: 8
Petro Monitoring Category: K
Monitoring Description: Monitor dbl wall pipe space

Tank ID: 8
Petro Monitoring Category: 3
Monitoring Description: Electronic monitor pipe sumps

Tank ID: 4
Tank Capacity: 1000
Tank Location: UNDERGROUND
Tank Status: B
Status Date: 07/01/2000
Install Date: 8/1/1980
Substance: L
Content Description: Waste Oil
Vessel Indicator: TANK
DEP Contractor: P

Owner:

Owner ID: 43315
Owner Name: MALLEY FAMILY PARTNERSHIP
Owner Address: 3434 RAULERSON RD
Owner Address 2: Not reported
Owner City,State,Zip: SAINT AUGUSTINE, FL 32092
Owner Contact: ROBERT MALLEY
Owner Phone: 9048242145

Construction:

Tank ID: 8
Construction Category: C

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EXXON STATION (Continued)

U003107623

Construction Description:	Steel
Tank ID:	8
Construction Category:	M
Construction Description:	Spill containment bucket
Tank ID:	8
Construction Category:	N
Construction Description:	Flow shut-Off
Tank ID:	8
Construction Category:	O
Construction Description:	Tight fill
Tank ID:	8
Construction Category:	R
Construction Description:	Double wall - tank jacket
Tank ID:	8
Construction Category:	L
Construction Description:	Compartmented
Piping:	
Tank ID:	8
Piping Category:	J
Piping Description:	Pressurized piping system
Tank ID:	8
Piping Category:	K
Piping Description:	Dispenser liners
Tank ID:	8
Piping Category:	N
Piping Description:	Approved synthetic material
Tank ID:	8
Piping Category:	M
Piping Description:	Double wall - pipe jacket
Monitoring:	
Tank ID:	8
Petro Monitoring Category:	4
Monitoring Description:	Visual inspect dispenser liners
Tank ID:	8
Petro Monitoring Category:	F
Monitoring Description:	Monitor dbl wall tank space
Tank ID:	8
Petro Monitoring Category:	L
Monitoring Description:	Automatic tank gauging - USTs
Tank ID:	8
Petro Monitoring Category:	K
Monitoring Description:	Monitor dbl wall pipe space

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EXXON STATION (Continued)

U003107623

Tank ID: 8
Petro Monitoring Category: 3
Monitoring Description: Electronic monitor pipe sumps

Tank ID: 5
Tank Capacity: 1000
Tank Location: UNDERGROUND
Tank Status: B
Status Date: 09/30/1992
Install Date: 8/1/1980
Substance: M
Content Description: Fuel Oil - Onsite Heat
Vessel Indicator: TANK
DEP Contractor: P

Owner:
Owner ID: 43315
Owner Name: MALLEY FAMILY PARTNERSHIP
Owner Address: 3434 RAULERSON RD
Owner Address 2: Not reported
Owner City,State,Zip: SAINT AUGUSTINE, FL 32092
Owner Contact: ROBERT MALLEY
Owner Phone: 9048242145

Construction:
Tank ID: 8
Construction Category: C
Construction Description: Steel

Tank ID: 8
Construction Category: M
Construction Description: Spill containment bucket

Tank ID: 8
Construction Category: N
Construction Description: Flow shut-Off

Tank ID: 8
Construction Category: O
Construction Description: Tight fill

Tank ID: 8
Construction Category: R
Construction Description: Double wall - tank jacket

Tank ID: 8
Construction Category: L
Construction Description: Compartmented

Piping:
Tank ID: 8
Piping Category: J
Piping Description: Pressurized piping system

Tank ID: 8
Piping Category: K

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EXXON STATION (Continued)

U003107623

Piping Description:	Dispenser liners
Tank ID:	8
Piping Category:	N
Piping Description:	Approved synthetic material
Tank ID:	8
Piping Category:	M
Piping Description:	Double wall - pipe jacket
Monitoring:	
Tank ID:	8
Petro Monitoring Category:	4
Monitoring Description:	Visual inspect dispenser liners
Tank ID:	8
Petro Monitoring Category:	F
Monitoring Description:	Monitor dbl wall tank space
Tank ID:	8
Petro Monitoring Category:	L
Monitoring Description:	Automatic tank gauging - USTs
Tank ID:	8
Petro Monitoring Category:	K
Monitoring Description:	Monitor dbl wall pipe space
Tank ID:	8
Petro Monitoring Category:	3
Monitoring Description:	Electronic monitor pipe sumps
Tank ID:	6
Tank Capacity:	55
Tank Location:	UNDERGROUND
Tank Status:	U
Status Date:	Not reported
Install Date:	7/1/1966
Substance:	L
Content Description:	Waste Oil
Vessel Indicator:	TANK
DEP Contractor:	P
Owner:	
Owner ID:	43315
Owner Name:	MALLEY FAMILY PARTNERSHIP
Owner Address:	3434 RAULERSON RD
Owner Address 2:	Not reported
Owner City,State,Zip:	SAINT AUGUSTINE, FL 32092
Owner Contact:	ROBERT MALLEY
Owner Phone:	9048242145
Construction:	
Tank ID:	8
Construction Category:	C
Construction Description:	Steel

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EXXON STATION (Continued)

U003107623

Tank ID:	8
Construction Category:	M
Construction Description:	Spill containment bucket
Tank ID:	8
Construction Category:	N
Construction Description:	Flow shut-Off
Tank ID:	8
Construction Category:	O
Construction Description:	Tight fill
Tank ID:	8
Construction Category:	R
Construction Description:	Double wall - tank jacket
Tank ID:	8
Construction Category:	L
Construction Description:	Compartmented
Piping:	
Tank ID:	8
Piping Category:	J
Piping Description:	Pressurized piping system
Tank ID:	8
Piping Category:	K
Piping Description:	Dispenser liners
Tank ID:	8
Piping Category:	N
Piping Description:	Approved synthetic material
Tank ID:	8
Piping Category:	M
Piping Description:	Double wall - pipe jacket
Monitoring:	
Tank ID:	8
Petro Monitoring Category:	4
Monitoring Description:	Visual inspect dispenser liners
Tank ID:	8
Petro Monitoring Category:	F
Monitoring Description:	Monitor dbl wall tank space
Tank ID:	8
Petro Monitoring Category:	L
Monitoring Description:	Automatic tank gauging - USTs
Tank ID:	8
Petro Monitoring Category:	K
Monitoring Description:	Monitor dbl wall pipe space
Tank ID:	8
Petro Monitoring Category:	3

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EXXON STATION (Continued)

U003107623

Monitoring Description: Electronic monitor pipe sumps

Tank ID: 7
Tank Capacity: 55
Tank Location: UNDERGROUND
Tank Status: U
Status Date: Not reported
Install Date: 7/1/1966
Substance: M
Content Description: Fuel Oil - Onsite Heat
Vessel Indicator: TANK
DEP Contractor: P

Owner:
Owner ID: 43315
Owner Name: MALLEY FAMILY PARTNERSHIP
Owner Address: 3434 RAULERSON RD
Owner Address 2: Not reported
Owner City,State,Zip: SAINT AUGUSTINE, FL 32092
Owner Contact: ROBERT MALLEY
Owner Phone: 9048242145

Construction:
Tank ID: 8
Construction Category: C
Construction Description: Steel

Tank ID: 8
Construction Category: M
Construction Description: Spill containment bucket

Tank ID: 8
Construction Category: N
Construction Description: Flow shut-Off

Tank ID: 8
Construction Category: O
Construction Description: Tight fill

Tank ID: 8
Construction Category: R
Construction Description: Double wall - tank jacket

Tank ID: 8
Construction Category: L
Construction Description: Compartmented

Piping:
Tank ID: 8
Piping Category: J
Piping Description: Pressurized piping system

Tank ID: 8
Piping Category: K
Piping Description: Dispenser liners

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EXXON STATION (Continued)

U003107623

Tank ID: 8
Piping Category: N
Piping Description: Approved synthetic material

Tank ID: 8
Piping Category: M
Piping Description: Double wall - pipe jacket

Monitoring:
Tank ID: 8
Petro Monitoring Category: 4
Monitoring Description: Visual inspect dispenser liners

Tank ID: 8
Petro Monitoring Category: F
Monitoring Description: Monitor dbl wall tank space

Tank ID: 8
Petro Monitoring Category: L
Monitoring Description: Automatic tank gauging - USTs

Tank ID: 8
Petro Monitoring Category: K
Monitoring Description: Monitor dbl wall pipe space

Tank ID: 8
Petro Monitoring Category: 3
Monitoring Description: Electronic monitor pipe sumps

Tank ID: 8
Tank Capacity: 20000
Tank Location: UNDERGROUND
Tank Status: U
Status Date: 10/19/2006
Install Date: 10/1/2006
Substance: B
Content Description: Unleaded Gas
Vessel Indicator: TANK
DEP Contractor: P

Owner:
Owner ID: 43315
Owner Name: MALLEY FAMILY PARTNERSHIP
Owner Address: 3434 RAULERSON RD
Owner Address 2: Not reported
Owner City,State,Zip: SAINT AUGUSTINE, FL 32092
Owner Contact: ROBERT MALLEY
Owner Phone: 9048242145

Construction:
Tank ID: 8
Construction Category: C
Construction Description: Steel

Tank ID: 8
Construction Category: M

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EXXON STATION (Continued)

U003107623

Construction Description:	Spill containment bucket
Tank ID:	8
Construction Category:	N
Construction Description:	Flow shut-Off
Tank ID:	8
Construction Category:	O
Construction Description:	Tight fill
Tank ID:	8
Construction Category:	R
Construction Description:	Double wall - tank jacket
Tank ID:	8
Construction Category:	L
Construction Description:	Compartmented
Piping:	
Tank ID:	8
Piping Category:	J
Piping Description:	Pressurized piping system
Tank ID:	8
Piping Category:	K
Piping Description:	Dispenser liners
Tank ID:	8
Piping Category:	N
Piping Description:	Approved synthetic material
Tank ID:	8
Piping Category:	M
Piping Description:	Double wall - pipe jacket
Monitoring:	
Tank ID:	8
Petro Monitoring Category:	4
Monitoring Description:	Visual inspect dispenser liners
Tank ID:	8
Petro Monitoring Category:	F
Monitoring Description:	Monitor dbl wall tank space
Tank ID:	8
Petro Monitoring Category:	L
Monitoring Description:	Automatic tank gauging - USTs
Tank ID:	8
Petro Monitoring Category:	K
Monitoring Description:	Monitor dbl wall pipe space
Tank ID:	8
Petro Monitoring Category:	3
Monitoring Description:	Electronic monitor pipe sumps

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EXXON STATION (Continued)

U003107623

CLEANUP SITES:

Name: EXXON STATION
Address: 2450 I-95 & HWY 16
City,State,Zip: SAINT AUGUSTINE, FL 32084
DEP Cleanup Site Key: 74755576
Source Database Name: Storage Tank Contamination Monitoring
Source Database Id: 8515941
CPAC Program Area Id: TK
CLLC Cleanup Category Key: PETRO
RSC2 Remediation Status Key: ACTIVE
Data Load Date: 02/20/2023
OC3 Office Id: NED
Physical Address Line 2: Not reported
OIC Object Of Interest Id: FACIL
PC2 Proximity Id: EXACT
Calc Coordinates Accuracy Level Id: 4
CMC2 Coordinate Method Id: Digital Aerial Photography With Ground Control
DC4 Datum Id: High Accuracy Reference Network
VSC1 Verification Status: REVIEWED
Collect Username: MAUCH_R55
Collect Date: 08/21/2003
Collect Affiliation: COUNTY HEALTH DEPARTMENT
Map Source: 1994 doqs
Map Source Scale: 1592
Interpolation Scale: Not reported
Verifier Username: MAUCH_R55
Verifier Affiliation: COUNTY HEALTH DEPARTMENT
Verification Date: 08/21/2003
Verified Coordinate Method Id: Digital Aerial Photography With Ground Control
Source Database Name Code: STCM
CMC2 Coordinate Method ID Code: DPHO
DC4 Datum ID Code: HARN
Verified Coordinate Method ID Code: DPHO
Comments: Not reported
Latitude/Longitude (deg/min/sec): 29 55 / 81 24

DWM CONTAM:

Name: EXXON STATION
Address: 2450 I-95 & HWY 16
City,State,Zip: SAINT AUGUSTINE, FL 32084
Program Site Id: 8515941
Lat DD: 29
Lat MM: 55
Lat SS: Not reported
Long DD: 81
Long MM: 24
Long SS: 51
Office/ District: NED
Program Area: PETROLEUM
Priority Score: Not reported
Datum: 0
Method: AGPS
Facility Status: ON HOLD-STCM
Facility Type: A - Retail Station
Score Effective Date: 2011-06-21 00:00:00
Score When Ranked: 83

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EXXON STATION (Continued)

U003107623

Rank: 265
Operator: Not reported
Phone: Not reported
Name Changed: Not reported
Addr Changed: Not reported
Related Party ID: 43315
Primary RP Role: ACCOUNT OWNER
RP Begin Date: 4/29/1996
RP Name: MALLEY FAMILY PARTNERSHIP
RP Address1: 3434 RAULERSON RD
RP Address2: Not reported
RP City: SAINT AUGUSTINE
RP State: FL
RP Zip5: 32092
RP Zip4: 555
Contact: ROBERT MALLEY
RP Phone: (904)824-2145
RP Extension: Not reported
Site Manager: Not reported

Name: EXXON STATION
Address: 2450 I-95 & HWY 16
City,State,Zip: SAINT AUGUSTINE, FL 32084
Program Site Id: 8515941
Lat DD: 29
Lat MM: 55
Lat SS: Not reported
Long DD: 81
Long MM: 24
Long SS: 51
Office/ District: NED
Program Area: PETROLEUM
Priority Score: Not reported
Datum: 0
Method: AGPS
Facility Status: ON HOLD-STCM
Facility Type: A - Retail Station
Score Effective Date: 2011-06-21 00:00:00
Score When Ranked: 83
Rank: 265
Operator: Not reported
Phone: Not reported
Name Changed: Not reported
Addr Changed: Not reported
Related Party ID: 43315
Primary RP Role: ACCOUNT OWNER
RP Begin Date: 4/29/1996
RP Name: MALLEY FAMILY PARTNERSHIP
RP Address1: 3434 RAULERSON RD
RP Address2: Not reported
RP City: SAINT AUGUSTINE
RP State: FL
RP Zip5: 32092
RP Zip4: 555
Contact: ROBERT MALLEY
RP Phone: (904)824-2145
RP Extension: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EXXON STATION (Continued)

U003107623

Site Manager: Not reported

FL Financial Assurance 3:

Name: EXXON STATION
Address: 2450 I-95 & HWY 16
City,State,Zip: SAINT AUGUSTINE, FL 32084
Region: 3
Facility ID: 8515941
Facility Phone: 9048241910
Facility Status: OPEN
Facility Type: A
Type Description: Retail Station
DEP CO: P
Financial Responsibility: INSURANCE
Insurance Company: ACE
Effective Date: 07/18/2013
Expire Date: 07/18/2015
Owner ID: 43315
Owner Name: MALLEY FAMILY PARTNERSHIP
Owner Address: 3434 RAULERSON RD
Owner Address2: Not reported
Owner City,St,Zip: SAINT AUGUSTINE, FL 32092
Contact: ROBERT MALLEY
Resp Party Phone: 9048242145

Name: EXXON STATION
Address: 2450 I-95 & HWY 16
City,State,Zip: SAINT AUGUSTINE, FL 32084
Region: 3
Facility ID: 8515941
Facility Phone: 9048241910
Facility Status: OPEN
Facility Type: A
Type Description: Retail Station
DEP CO: P
Financial Responsibility: INSURANCE
Insurance Company: ACE
Effective Date: 07/18/2015
Expire Date: 07/18/2016
Owner ID: 43315
Owner Name: MALLEY FAMILY PARTNERSHIP
Owner Address: 3434 RAULERSON RD
Owner Address2: Not reported
Owner City,St,Zip: SAINT AUGUSTINE, FL 32092
Contact: ROBERT MALLEY
Resp Party Phone: 9048242145

Name: EXXON STATION
Address: 2450 I-95 & HWY 16
City,State,Zip: SAINT AUGUSTINE, FL 32084
Region: 3
Facility ID: 8515941
Facility Phone: 9048241910
Facility Status: OPEN
Facility Type: A
Type Description: Retail Station
DEP CO: P

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EXXON STATION (Continued)

U003107623

Finaincial Responsibility: INSURANCE
Insurance Company: ACE
Effective Date: 07/18/2016
Expire Date: 07/18/2017
Owner ID: 43315
Onwer Name: MALLEY FAMILY PARTNERSHIP
Owner Address: 3434 RAULERSON RD
Owner Address2: Not reported
Owner City,St,Zip: SAINT AUGUSTINE, FL 32092
Contact: ROBERT MALLEY
Resp Party Phone: 9048242145

Name: EXXON STATION
Address: 2450 I-95 & HWY 16
City,State,Zip: SAINT AUGUSTINE, FL 32084
Region: 3
Facility ID: 8515941
Facility Phone: 9048241910
Facility Status: OPEN
Facility Type: A
Type Description: Retail Station
DEP CO: P
Finaincial Responsibility: INSURANCE
Insurance Company: ACE AMERICAN INSURANCE COMPANY
Effective Date: 07/18/2017
Expire Date: 07/18/2018
Owner ID: 43315
Onwer Name: MALLEY FAMILY PARTNERSHIP
Owner Address: 3434 RAULERSON RD
Owner Address2: Not reported
Owner City,St,Zip: SAINT AUGUSTINE, FL 32092
Contact: ROBERT MALLEY
Resp Party Phone: 9048242145

Name: EXXON STATION
Address: 2450 I-95 & HWY 16
City,State,Zip: SAINT AUGUSTINE, FL 32084
Region: 3
Facility ID: 8515941
Facility Phone: 9048241910
Facility Status: OPEN
Facility Type: A
Type Description: Retail Station
DEP CO: P
Finaincial Responsibility: INSURANCE
Insurance Company: ACE AMERICAN INSURANCE COMPANY
Effective Date: 07/18/2019
Expire Date: 07/18/2020
Owner ID: 43315
Onwer Name: MALLEY FAMILY PARTNERSHIP
Owner Address: 3434 RAULERSON RD
Owner Address2: Not reported
Owner City,St,Zip: SAINT AUGUSTINE, FL 32092
Contact: ROBERT MALLEY
Resp Party Phone: 9048242145

Name: EXXON STATION

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EXXON STATION (Continued)

U003107623

Address: 2450 I-95 & HWY 16
City,State,Zip: SAINT AUGUSTINE, FL 32084
Region: 3
Facility ID: 8515941
Facility Phone: 9048241910
Facility Status: OPEN
Facility Type: A
Type Description: Retail Station
DEP CO: P
Financial Responsibility: INSURANCE
Insurance Company: LIBERTY SURPLUS INSURANCE CORP
Effective Date: 07/19/2022
Expire Date: 07/19/2023
Owner ID: 43315
Owner Name: MALLEY FAMILY PARTNERSHIP
Owner Address: 3434 RAULERSON RD
Owner Address2: Not reported
Owner City,St,Zip: SAINT AUGUSTINE, FL 32092
Contact: ROBERT MALLEY
Resp Party Phone: 9048242145

Name: EXXON STATION
Address: 2450 I-95 & HWY 16
City,State,Zip: SAINT AUGUSTINE, FL 32084
Region: 3
Facility ID: 8515941
Facility Phone: 9048241910
Facility Status: OPEN
Facility Type: A
Type Description: Retail Station
DEP CO: P
Financial Responsibility: INSURANCE
Insurance Company: NAUTILUS INSURANCE COMPANY
Effective Date: 07/18/2018
Expire Date: 07/18/2019
Owner ID: 43315
Owner Name: MALLEY FAMILY PARTNERSHIP
Owner Address: 3434 RAULERSON RD
Owner Address2: Not reported
Owner City,St,Zip: SAINT AUGUSTINE, FL 32092
Contact: ROBERT MALLEY
Resp Party Phone: 9048242145

Name: EXXON STATION
Address: 2450 I-95 & HWY 16
City,State,Zip: SAINT AUGUSTINE, FL 32084
Region: 3
Facility ID: 8515941
Facility Phone: 9048241910
Facility Status: OPEN
Facility Type: A
Type Description: Retail Station
DEP CO: P
Financial Responsibility: INSURANCE
Insurance Company: NAUTILUS INSURANCE COMPANY
Effective Date: 07/18/2020
Expire Date: 07/18/2021

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EXXON STATION (Continued)

U003107623

Owner ID: 43315
Owner Name: MALLEY FAMILY PARTNERSHIP
Owner Address: 3434 RAULERSON RD
Owner Address2: Not reported
Owner City,St,Zip: SAINT AUGUSTINE, FL 32092
Contact: ROBERT MALLEY
Resp Party Phone: 9048242145

Name: EXXON STATION
Address: 2450 I-95 & HWY 16
City,State,Zip: SAINT AUGUSTINE, FL 32084
Region: 3
Facility ID: 8515941
Facility Phone: 9048241910
Facility Status: OPEN
Facility Type: A
Type Description: Retail Station
DEP CO: P
Financial Responsibility: INSURANCE
Insurance Company: NAUTILUS INSURANCE COMPANY
Effective Date: 07/18/2021
Expire Date: 07/18/2022
Owner ID: 43315
Owner Name: MALLEY FAMILY PARTNERSHIP
Owner Address: 3434 RAULERSON RD
Owner Address2: Not reported
Owner City,St,Zip: SAINT AUGUSTINE, FL 32092
Contact: ROBERT MALLEY
Resp Party Phone: 9048242145

Name: EXXON STATION
Address: 2450 I-95 & HWY 16
City,State,Zip: SAINT AUGUSTINE, FL 32084
Region: 3
Facility ID: 8515941
Facility Phone: 9048241910
Facility Status: OPEN
Facility Type: A
Type Description: Retail Station
DEP CO: P
Financial Responsibility: INSURANCE
Insurance Company: ZURICH-AMERICAN
Effective Date: 07/08/2012
Expire Date: 07/08/2013
Owner ID: 43315
Owner Name: MALLEY FAMILY PARTNERSHIP
Owner Address: 3434 RAULERSON RD
Owner Address2: Not reported
Owner City,St,Zip: SAINT AUGUSTINE, FL 32092
Contact: ROBERT MALLEY
Resp Party Phone: 9048242145

Name: EXXON STATION
Address: 2450 I-95 & HWY 16
City,State,Zip: SAINT AUGUSTINE, FL 32084
Region: 3
Facility ID: 8515941

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EXXON STATION (Continued)

U003107623

Facility Phone: 9048241910
Facility Status: OPEN
Facility Type: A
Type Description: Retail Station
DEP CO: P
Financial Responsibility: INSURANCE
Insurance Company: ZURICH-AMERICAN
Effective Date: 07/18/2007
Expire Date: 07/18/2008
Owner ID: 43315
Owner Name: MALLEY FAMILY PARTNERSHIP
Owner Address: 3434 RAULERSON RD
Owner Address2: Not reported
Owner City,St,Zip: SAINT AUGUSTINE, FL 32092
Contact: ROBERT MALLEY
Resp Party Phone: 9048242145

Name: EXXON STATION
Address: 2450 I-95 & HWY 16
City,State,Zip: SAINT AUGUSTINE, FL 32084
Region: 3
Facility ID: 8515941
Facility Phone: 9048241910
Facility Status: OPEN
Facility Type: A
Type Description: Retail Station
DEP CO: P
Financial Responsibility: INSURANCE
Insurance Company: ZURICH-AMERICAN
Effective Date: 07/18/2010
Expire Date: 07/18/2011
Owner ID: 43315
Owner Name: MALLEY FAMILY PARTNERSHIP
Owner Address: 3434 RAULERSON RD
Owner Address2: Not reported
Owner City,St,Zip: SAINT AUGUSTINE, FL 32092
Contact: ROBERT MALLEY
Resp Party Phone: 9048242145

Name: EXXON STATION
Address: 2450 I-95 & HWY 16
City,State,Zip: SAINT AUGUSTINE, FL 32084
Region: 3
Facility ID: 8515941
Facility Phone: 9048241910
Facility Status: OPEN
Facility Type: A
Type Description: Retail Station
DEP CO: P
Financial Responsibility: INSURANCE
Insurance Company: ZURICH-AMERICAN
Effective Date: 07/18/2012
Expire Date: 07/18/2013
Owner ID: 43315
Owner Name: MALLEY FAMILY PARTNERSHIP
Owner Address: 3434 RAULERSON RD
Owner Address2: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EXXON STATION (Continued)

U003107623

Owner City,St,Zip: SAINT AUGUSTINE, FL 32092
Contact: ROBERT MALLEY
Resp Party Phone: 9048242145

E23 QUALITY INN MOTEL
SSE 2445 SR 16
< 1/8 SAINT AUGUSTINE, FL 32092
0.017 mi.
88 ft. Site 2 of 3 in cluster E

LUST U000103296
UST N/A
DWM CONTAM

Actual: LUST:
44 ft. Name: QUALITY INN MOTEL
Focus Map: Address: 2445 SR 16
9 City,State,Zip: SAINT AUGUSTINE, FL 32092
Region: STATE
Facility Id: 9102843
Facility Status: CLOSED
Facility Type: C - Fuel user/Non-retail
Facility Phone: (904)829-1999
Facility Cleanup Rank: 27
District: Northeast District
Lat/Long (dms): 29 55 3.87840000 / 81 24 50.2740000
Section: 7
Township: 07S
Range: 29E
Feature: Not reported
Method: UNVR
Datum: 0
Score: 100
Score Effective Date: 1998-01-06 00:00:00
Score When Ranked: 100
Operator: PATEL, NARENDRA
Name Update: Not reported
Address Update: 1995-05-10 00:00:00

Petroleum Cleanup PCT Facility Score:

Facility Cleanup Status: CMPL - COMPLETED
Contact: NARANDRA PATEL
Contact Company: PATEL, NARENDRA & JYOTSNA
Contact Address: 2445 SR 16
Contact City/State/Zip: ST AUGUSTINE, FL 32092
Phone: (904)829-1999
Bad Address Ind: N
State: FL
Zip: 32092
Score: 100
Score Effective Date: 1998-01-06 00:00:00
Related Party ID: 16478
Primary RP Role: ACCOUNT OWNER
RP Begin Date: 1991-09-23
RP Zip: Not reported
RP Extension: Not reported

Discharge Cleanup Summary:

Discharge Date: 9/20/1991
PCT Discharge Combined: Not reported
Cleanup Required: R - CLEANUP REQUIRED
Discharge Cleanup Status: SRCR - SRCR COMPLETE

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

QUALITY INN MOTEL (Continued)

U000103296

Disch Cleanup Status Date: 4/12/2006
Cleanup Work Status: COMPLETED
Information Source: A - ABANDONED TANK RESTORATION
Other Source Description: Not reported
Eligibility Indicator: E - ELIGIBLE
Site Manager: PERLOWSKI_R
Site Mgr End Date: 4/12/2006
Tank Office: PCTM3 - PETROLEUM CLEANUP TEAM 3 - LP MGMT

Petroleum Cleanup Program Eligibility:

Facility ID: 9102843
Discharge Date: 9/20/1991
Pct Discharge Combined With: Not reported
Cleanup Required: R - CLEANUP REQUIRED
Discharge Cleanup Status: SRCR - SRCR COMPLETE
Disch Cleanup Status Date: 4/12/2006
Cleanup Work Status: COMPLETED
Information Source: A - ABANDONED TANK RESTORATION
Other Source Description: Not reported
Application Received Date: 1991-09-23 00:00:00
Cleanup Program: A - ABANDONED TANK RESTORATION PROGRAM
Eligibility Status: 1992-05-07 00:00:00
Elig Status Date: 1992-05-07 00:00:00
Letter Of Intent Date: 1991-09-23 00:00:00
Redetermined: No
Inspection Date: 1992-04-01 00:00:00
Site Manager: PERLOWSKI_R
Site Mgr End Date: 4/12/2006
Tank Office: PCTM3 - PETROLEUM CLEANUP TEAM 3 - LP MGMT
Deductible Amount: 500
Deductible Paid To Date: 500
Co-Pay Amount: 0
Co-Pay Paid To Date: 0
Cap Amount: Not reported

Contaminated Media:

Discharge Date: 9/20/1991
Pct Discharge Combined With: Not reported
Cleanup Required: R - CLEANUP REQUIRED
Discharge Cleanup Status: SRCR - SRCR COMPLETE
Disch Cleanup Status Date: 4/12/2006
Cleanup Work Status: COMPLETED
Information Source: A - ABANDONED TANK RESTORATION
Other Source Description: Not reported
Elig Indicator: E - ELIGIBLE
Site Manager: PERLOWSKI_R
Site Mgr End Date: 4/12/2006
Tank Office: PCTM3 - PETROLEUM CLEANUP TEAM
Contaminated Drinking Wells: 0
Contaminated Monitoring Well: No
Contaminated Soil: Yes
Contaminated Surface Water: No
Contaminated Ground Water: No
Pollutant: Y - Unknown/Not Reported
Pollutant Other Description: Not reported
Gallons Discharged: Not reported

Task Information:

District: NED

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

QUALITY INN MOTEL (Continued)

U000103296

Facility ID: 9102843
Facility Status: CLOSED
Facility Type: C - Fuel user/Non-retail -
County: ST. JOHNS
County ID: 55
Cleanup Eligibility Status: E
Source Effective Date: 04-12-2006
Discharge Date: 09-20-1991
Cleanup Required: R - CLEANUP REQUIRED
Discharge Cleanup Status: SRCR - SRCR COMPLETE
Disch Cleanup Status Date: 04-12-2006
SRC Action Type: SRCR - SITE REHABILITATION COMPLETION REPORT
SRC Submit Date: 04-04-2006
SRC Review Date: 04-10-2006
SRC Completion Status: A - APPROVED
SRC Issue Date: 04-12-2006
SRC Comment: SRCO ISSUED 4/12/06
Cleanup Work Status: COMPLETED
Site Mgr: PERLOWSKI_R
Site Mgr End Date: 04-12-2006
Tank Office: PCTM3 - Team 3
SR Task ID: 14705
SR Cleanup Responsible: -
SR Funding Eligibility Type: -
SR Actual Cost: \$106,024.56
SR Completion Date: 03-20-1992
SR Payment Date: 10-14-1993
SR Oral Date: Not reported
SR Written Date: Not reported
SR Soil Removal: Y
SR Free Product Removal: Not reported
SR Soil Tonnage Removed: 1005
SR Soil Treatment: Not reported
SR Other Treatment: Not reported
SR Alternate Proc Received Date: Not reported
SR Alternate Procedure Status: Not reported
SR Alternate Procedure Status Date: Not reported
SR Alternate Procedure Comments: Not reported
SA Task ID: 14706
SA Cleanup Responsible: -
SA Funding Eligibility Type: -
SA Actual Cost: Not reported
SA Completion Date: 02-03-1993
SA Payment Date: Not reported
RAP Task ID: 14707
RAP Cleanup Responsible ID: RP - RESPONSIBLE PARTY
RAP Funding Eligibility Type: -
RAP Actual Cost: Not reported
RAP Completion Date: 02-03-1993
RAP Payment Date: Not reported
RAP Last Order Approved: 1993-02-03 00:00:00
RA Task ID: 14708
RA Cleanup Responsible: RP - RESPONSIBLE PARTY
RA Funding Eligibility Type: -
RA Years to Complete: 0
RA Actual Cost: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

QUALITY INN MOTEL (Continued)

U000103296

[Click here for Florida Oculus:](#)

UST:

Facility ID: 9102843
Name: QUALITY INN MOTEL
Address: 2445 SR 16
City,State,Zip: SAINT AUGUSTINE, FL 32092
Facility Phone: 9048291999
Facility Status: CLOSED
Facility Type: C
Type Description: Fuel user/Non-retail
Depco: P
Region: STATE
Positioning Method: UNVR
Latitude/Longitude: 29 55 0 / 81 24 49

UST:

Tank ID: 2
Tank Capacity: 2000
Tank Location: UNDERGROUND
Tank Status: B
Status Date: 06/30/1991
Install Date: Not reported
Substance: Y
Content Description: Unknown/Not Reported
Vessel Indicator: TANK
DEP Contractor: P

Owner:

Owner ID: 16478
Owner Name: PATEL, NARENDRA & JYOTSNA
Owner Address: 2445 SR 16
Owner Address 2: Not reported
Owner City,State,Zip: ST AUGUSTINE, FL 32092
Owner Contact: NARANDRA PATEL
Owner Phone: 9048291999

Tank ID: 1
Tank Capacity: 2000
Tank Location: UNDERGROUND
Tank Status: B
Status Date: 06/30/1991
Install Date: Not reported
Substance: Y
Content Description: Unknown/Not Reported
Vessel Indicator: TANK
DEP Contractor: P

Owner:

Owner ID: 16478
Owner Name: PATEL, NARENDRA & JYOTSNA
Owner Address: 2445 SR 16
Owner Address 2: Not reported
Owner City,State,Zip: ST AUGUSTINE, FL 32092
Owner Contact: NARANDRA PATEL
Owner Phone: 9048291999

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

QUALITY INN MOTEL (Continued)

U000103296

DWM CONTAM:

Name: QUALITY INN MOTEL
Address: 2445 SR 16
City,State,Zip: SAINT AUGUSTINE, FL
Program Site Id: 9102843
Lat DD: 29
Lat MM: 55
Lat SS: Not reported
Long DD: 81
Long MM: 24
Long SS: 49
Office/ District: NED
Program Area: PETROLEUM
Priority Score: Not reported
Datum: 0
Method: UNVR
Facility Status: CLOSED-STCM
Facility Type: Not reported
Score Effective Date: Not reported
Score When Ranked: Not reported
Rank: Not reported
Operator: Not reported
Phone: Not reported
Name Changed: Not reported
Addr Changed: Not reported
Related Party ID: Not reported
Primary RP Role: Not reported
RP Begin Date: Not reported
RP Name: Not reported
RP Address1: Not reported
RP Address2: Not reported
RP City: Not reported
RP State: Not reported
RP Zip5: Not reported
RP Zip4: Not reported
Contact: Not reported
RP Phone: Not reported
RP Extension: Not reported
Site Manager: Not reported

E24 **QUALITY INN MOTEL**
SSE **2445 SR 16**
< 1/8 **SAINT AUGUSTINE, FL**
0.017 mi.
88 ft. **Site 3 of 3 in cluster E**

RGA LUST **S115193030**
N/A

Actual: **RGA LUST:**
44 ft.
Focus Map:
9

2012	QUALITY INN MOTEL	2445 SR 16
2011	QUALITY INN MOTEL	2445 SR 16
2010	QUALITY INN MOTEL	2445 SR 16
2009	QUALITY INN MOTEL	2445 SR 16
2008	QUALITY INN MOTEL	2445 SR 16
2007	QUALITY INN MOTEL	2445 SR 16
2006	QUALITY INN MOTEL	2445 SR 16
2005	QUALITY INN MOTEL	2445 SR 16
2004	QUALITY INN MOTEL	2445 SR 16
2003	QUALITY INN MOTEL	2445 SR 16

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

QUALITY INN MOTEL (Continued)

S115193030

2002	QUALITY INN MOTEL	2445 SR 16
2001	QUALITY INN MOTEL	2445 SR 16
2000	QUALITY INN MOTEL	2445 SR 16
1999	QUALITY INN MOTEL	2445 SR 16
1998	QUALITY INN MOTEL	2445 SR 16
1997	QUALITY INN MOTEL	2445 SR 16

F25 **ST AUGUSTINE GROC CONV STR**
NE **2500 STATE RD 16**
< 1/8 **ST AUGUSTINE, FL 32092**
0.038 mi.
200 ft. **Site 1 of 3 in cluster F**

EDR Hist Auto **1020278169**
N/A

Actual: EDR Hist Auto
44 ft.

Focus Map:	Year:	Name:	Type:
9	1989	ST AUGUSTINE GROC CONV STR	Convenience Stores
	1990	ST AUGUSTINE GROC CONV STR	Convenience Stores
	1992	ST AUGUSTINE GROC CONV STR	Convenience Stores
	1993	ST AUGUSTINE GROC CONV STR	Gasoline Service Stations, NEC
	1994	ST AUGUSTINE GROC CONV STR	Gasoline Service Stations, NEC
	1995	ST AUGUSTINE GROC CONV STR	Gasoline Service Stations, NEC
	1996	ST AUGUSTINE GROC CONV STR	Gasoline Service Stations, NEC

F26 **TEXACO #24-110-0004-MICKLER**
NE **2500 SR 16**
< 1/8 **SAINT AUGUSTINE, FL**
0.038 mi.
200 ft. **Site 2 of 3 in cluster F**

RGA LUST **S115201676**
N/A

Actual: RGA LUST:
44 ft. 1997 TEXACO #24-110-0004-MICKLER 2500 SR 16

Focus Map:
9

F27 **STAR ENTERPRISE**
NE **2500 SR 16**
< 1/8 **ST AUGUSTINE, FL 32086**
0.038 mi.
200 ft. **Site 3 of 3 in cluster F**

RCRA NonGen / NLR **1000701716**
ECHO **FLD984190942**

Actual:	RCRA Listings:	
44 ft.	Date Form Received by Agency:	20131023
Focus Map:	Handler Name:	Pennzoil 10 Minute Oil Change
9	Handler Address:	SR 16
	Handler City,State,Zip:	ST AUGUSTINE, FL 32794
	EPA ID:	FLD984190942
	Contact Name:	SAM CARABALLO
	Contact Address:	SR 16
	Contact City,State,Zip:	ST AUGUSTINE, FL 32084
	Contact Telephone:	904-829-9944
	Contact Fax:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

STAR ENTERPRISE (Continued)

1000701716

Contact Email:	Not reported
Contact Title:	STORE MANAGER
EPA Region:	04
Land Type:	Private
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	FI
State District:	NE
Mailing Address:	PO BOX 4540
Mailing City,State,Zip:	HOUSTON, TX 77210-4540
Owner Name:	Duyet Hoang
Owner Type:	Private
Operator Name:	Star Enterprise
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
202 GPRA Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20151230
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

STAR ENTERPRISE (Continued)

1000701716

Hazardous Waste Summary:

Waste Code: D001
Waste Description: Ignitable Waste

Waste Code: D018
Waste Description: Benzene

Handler - Owner Operator:

Owner/Operator Indicator: Owner
Owner/Operator Name: DUYET HOANG
Legal Status: Private
Date Became Current: 19981215
Date Ended Current: 20031021
Owner/Operator Address: PO BOX 945140
Owner/Operator City,State,Zip: MAITLAND, FL 32794-5140
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: MOTIVA ENTERPRISES LLC
Legal Status: Private
Date Became Current: 19981215
Date Ended Current: 20131021
Owner/Operator Address: PO BOX 4540
Owner/Operator City,State,Zip: HOUSTON, TX 77210-4540
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: STAR ENTERPRISE
Legal Status: Private
Date Became Current: 19900915
Date Ended Current: Not reported
Owner/Operator Address: PO BOX 4540
Owner/Operator City,State,Zip: HOUSTON, TX 77210-4540
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: STAR ENTERPRISE
Legal Status: Private
Date Became Current: 19900915
Date Ended Current: Not reported
Owner/Operator Address: PO BOX 4540
Owner/Operator City,State,Zip: HOUSTON, TX 77210-4540
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

STAR ENTERPRISE (Continued)

1000701716

Owner/Operator Indicator: Owner
Owner/Operator Name: DUYET HOANG
Legal Status: Private
Date Became Current: 19981215
Date Ended Current: 20031021
Owner/Operator Address: PO BOX 945140
Owner/Operator City,State,Zip: MAITLAND, FL 32794-5140
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: MOTIVA ENTERPRISES LLC
Legal Status: Private
Date Became Current: 19981215
Date Ended Current: Not reported
Owner/Operator Address: PO BOX 4540
Owner/Operator City,State,Zip: HOUSTON, TX 77210-4540
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: MOTIVA ENTERPRISES LLC
Legal Status: Private
Date Became Current: 19981215
Date Ended Current: 20131021
Owner/Operator Address: PO BOX 4540
Owner/Operator City,State,Zip: HOUSTON, TX 77210-4540
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:

Receive Date: 20131023
Handler Name: PENNZOIL 10 MINUTE OIL CHANGE
Federal Waste Generator Description: Not a generator, verified
State District Owner: FI
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20021209
Handler Name: PENNZOIL 10 MINUTE OIL CHANGE
Federal Waste Generator Description: Not a generator, verified
State District Owner: FI
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

STAR ENTERPRISE (Continued)

1000701716

Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	811111
NAICS Description:	GENERAL AUTOMOTIVE REPAIR

Has the Facility Received Notices of Violations:

Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Evaluation Action Summary:

Evaluation Date:	20131021
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE ASSISTANCE VISIT
Evaluation Responsible Person Identifier:	JXG
Evaluation Responsible Sub-Organization:	NE

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

STAR ENTERPRISE (Continued)

1000701716

Actual Return to Compliance Date: Not reported
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

ECHO:

Envid: 1000701716
Registry ID: 110007443338
DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110007443338>
Name: STAR ENTERPRISE
Address: 2500 SR 16
City,State,Zip: ST AUGUSTINE, FL 32086

**28
NE
< 1/8
0.042 mi.
220 ft.**

**ADVENTURE LANDING STATION
2780 SR 16
ST AUGUSTINE, FL 32092**

**HAZ WASTE S130020188
N/A**

**Actual:
47 ft.**

**Focus Map:
9**

HAZ WASTE:
Facility ID: 128379
Name: ADVENTURE LANDING STATION
Address: 2780 SR 16
City,State,Zip: ST AUGUSTINE, FL 32092
County: ST. JOHNS
Telephone: (904)827-9400
Email: Not reported
Status: A - ACTIVE - WASTE GENERATOR
Generator Status: N - NOT A HAZARDOUS WASTE GENERATOR
EPA ID: NA
Other ID: Not reported
Old Facility ID: Not reported
SIC: 7999 - SERVICES - AMUSEMENT AND RECREATION, NEC
Verified: V - VERIFICATION BY ON-SITE VISIT
Verified Date: 10/16/2012
Hazardous Waste LBS/YEAR: 0
Wastes: 2

**29
SW
< 1/8
0.045 mi.
240 ft.**

**HUSTLER'S OF HOLLYWOOD
2575 SR 16
ST AUGUSTINE, FL 32092**

**HAZ WASTE S130184748
N/A**

**Actual:
44 ft.**

**Focus Map:
9**

HAZ WASTE:
Facility ID: 85972
Name: HUSTLER'S OF HOLLYWOOD
Address: 2575 SR 16
City,State,Zip: ST AUGUSTINE, FL 32092
County: ST. JOHNS
Telephone: (904)615-1401
Email: Not reported
Status: A - ACTIVE - WASTE GENERATOR

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HUSTLER'S OF HOLLYWOOD (Continued)

S130184748

Generator Status: 3 - Cond Exempt Small Quantity Generator
EPA ID: NA
Other ID: 2
Old Facility ID: 5500092
SIC: 5571 - RETAIL TRADE - MOTORCYCLE DEALERS
Verified: V - VERIFICATION BY ON-SITE VISIT
Verified Date: 06/23/2016
Hazardous Waste LBS/YEAR: 180
Wastes: 5

30
NE
< 1/8
0.046 mi.
242 ft.

L SQUARED INDUSTRIES INC
2450 STATE RD 16
SAINT AUGUSTINE, FL 32092

EDR Hist Auto 1020677426
N/A

Actual: EDR Hist Auto
44 ft.

Focus Map:
9

Year:	Name:	Type:
1992	L SQUARED INDUSTRIES INC	Gasoline Service Stations
1993	L SQUARED INDUSTRIES INC	Gasoline Service Stations
1994	L SQUARED INDUSTRIES INC	Gasoline Service Stations
1995	L SQUARED INDUSTRIES INC	Gasoline Service Stations
1996	L SQUARED INDUSTRIES INC	Gasoline Service Stations
1997	L SQUARED INDUSTRIES INC	Gasoline Service Stations
1998	L SQUARED INDUSTRIES INC	Gasoline Service Stations
1999	L SQUARED INDUSTRIES INC	Gasoline Service Stations
2007	L SQUARED INDUSTRIES INC	Gasoline Service Stations
2008	L SQUARED INDUSTRIES INC	Gasoline Service Stations
2009	L SQUARED INDUSTRIES INC	Gasoline Service Stations
2010	L SQUARED INDUSTRIES INC	Gasoline Service Stations
2011	L SQUARED INDUSTRIES INC	Gasoline Service Stations
2012	L SQUARED INDUSTRIES INC	Gasoline Service Stations

31
SSW
< 1/8
0.048 mi.
255 ft.

BELLSOUTH TEL INC 3K099
4875 HWY 16
SAINT AUGUSTINE, FL 32092

AST A100167029
N/A

Actual:
26 ft.

Focus Map:
5

AST:
Facility ID: 9700052
Name: BELLSOUTH TEL INC 3K099
Address: 4875 HWY 16
City,State,Zip: SAINT AUGUSTINE, FL 32092
Facility Phone: 3058268731
Facility Status: OPEN
Facility Type: C
Type Description: Fuel user/Non-retail
Depco: P
Region: STATE
Positioning Method: AGPS
Latitude/Longitude: 29 57 38 / 81 28 27

Tank:
Tank ID: 1
Tank Capacity: 2000

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BELLSOUTH TEL INC 3K099 (Continued)

A100167029

Tank Location: ABOVEGROUND
Tank Status: U
Status Date: 07/01/1996
Install Date: 7/1/1996
Substance: G
Content Description: Emerg Generator Diesel
Vessel Indicator: TANK
DEP Contractor: P

Piping:

Tank ID: 1
Piping Category: A
Piping Description: Abv, no soil contact

Tank ID: 1
Piping Category: F
Piping Description: Double wall

Tank ID: 1
Piping Category: I
Piping Description: Suction piping system

Monitoring:

Tank ID: 1
Petro Monitoring Category: F
Monitoring Description: Monitor dbl wall tank space

Tank ID: 1
Petro Monitoring Category: L
Monitoring Description: Automatic tank gauging - USTs

Tank ID: 1
Petro Monitoring Category: K
Monitoring Description: Monitor dbl wall pipe space

Tank ID: 1
Petro Monitoring Category: D
Monitoring Description: SPCC Plan

Tank ID: 1
Petro Monitoring Category: M
Monitoring Description: Manual tank gauging - USTs

Owner:

Owner ID: 26036
Owner Name: BELLSOUTH TELECOMMUNICATIONS INC
Owner Address: 308 S AKARD ST #1700
Owner Address 2: ATTN: STORAGE TANK REGIS
Owner City,State,Zip: Dallas, TX 75202
Owner Contact: CHANTEL ALLEN
Owner Phone: 4692717348

Construction:

Tank ID: 1
Construction Category: C
Construction Description: Steel

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BELLSOUTH TEL INC 3K099 (Continued)

A100167029

Tank ID: 1
Construction Category: M
Construction Description: Spill containment bucket

Tank ID: 1
Construction Category: N
Construction Description: Flow shut-Off

Tank ID: 1
Construction Category: O
Construction Description: Tight fill

Tank ID: 1
Construction Category: P
Construction Description: Level gauges/alarms

Tank ID: 1
Construction Category: R
Construction Description: Double wall - tank jacket

32
SW
< 1/8
0.051 mi.
268 ft.

RACETRAC #156
2711 STATE ROAD 16
SAINT AUGUSTINE, FL 32092

UST
Financial Assurance

U004123960
N/A

Actual:
44 ft.
Focus Map:
9

UST:
Facility ID: 9810366
Name: RACETRAC #156
Address: 2711 STATE ROAD 16
City,State,Zip: SAINT AUGUSTINE, FL 32092
Facility Phone: 7704317600
Facility Status: OPEN
Facility Type: A
Type Description: Retail Station
Depco: P
Region: STATE
Positioning Method: Not reported
Latitude/Longitude: Not reported

UST:
Tank ID: 1
Tank Capacity: 20000
Tank Location: UNDERGROUND
Tank Status: U
Status Date: 11/19/2021
Install Date: 4/1/2008
Substance: B
Content Description: Unleaded Gas
Vessel Indicator: TANK
DEP Contractor: P

Owner:
Owner ID: 17748
Owner Name: RACETRAC PETROLEUM INC
Owner Address: 200 GALLERIA PKWY SE #900
Owner Address 2: ATTN: STORAGE TANK REGIS

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

RACETRAC #156 (Continued)

U004123960

Owner City,State,Zip: Atlanta, GA 30339
Owner Contact: MAX BURMEISTER
Owner Phone: 7704317600

Construction:

Tank ID: 1
Construction Category: F
Construction Description: Fiberglass clad steel

Tank ID: 1
Construction Category: M
Construction Description: Spill containment bucket

Tank ID: 1
Construction Category: I
Construction Description: Double wall

Tank ID: 1
Construction Category: P
Construction Description: Level gauges/alarms

Tank ID: 2
Construction Category: F
Construction Description: Fiberglass clad steel

Tank ID: 2
Construction Category: M
Construction Description: Spill containment bucket

Tank ID: 2
Construction Category: I
Construction Description: Double wall

Tank ID: 2
Construction Category: P
Construction Description: Level gauges/alarms

Tank ID: 3
Construction Category: F
Construction Description: Fiberglass clad steel

Tank ID: 3
Construction Category: M
Construction Description: Spill containment bucket

Tank ID: 3
Construction Category: I
Construction Description: Double wall

Tank ID: 3
Construction Category: P
Construction Description: Level gauges/alarms

Piping:

Tank ID: 1
Piping Category: C

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

RACETRAC #156 (Continued)

U004123960

Piping Description:	Fiberglass
Tank ID:	1
Piping Category:	F
Piping Description:	Double wall
Tank ID:	1
Piping Category:	J
Piping Description:	Pressurized piping system
Tank ID:	1
Piping Category:	K
Piping Description:	Dispenser liners
Tank ID:	2
Piping Category:	C
Piping Description:	Fiberglass
Tank ID:	2
Piping Category:	F
Piping Description:	Double wall
Tank ID:	2
Piping Category:	J
Piping Description:	Pressurized piping system
Tank ID:	2
Piping Category:	K
Piping Description:	Dispenser liners
Tank ID:	3
Piping Category:	C
Piping Description:	Fiberglass
Tank ID:	3
Piping Category:	F
Piping Description:	Double wall
Tank ID:	3
Piping Category:	J
Piping Description:	Pressurized piping system
Tank ID:	3
Piping Category:	K
Piping Description:	Dispenser liners
Monitoring:	
Tank ID:	1
Petro Monitoring Category:	F
Monitoring Description:	Monitor dbl wall tank space
Tank ID:	1
Petro Monitoring Category:	K
Monitoring Description:	Monitor dbl wall pipe space
Tank ID:	1
Petro Monitoring Category:	G

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

RACETRAC #156 (Continued)

U004123960

Monitoring Description:	Electronic line leak detector
Tank ID:	1
Petro Monitoring Category:	3
Monitoring Description:	Electronic monitor pipe sumps
Tank ID:	1
Petro Monitoring Category:	4
Monitoring Description:	Visual inspect dispenser liners
Tank ID:	2
Petro Monitoring Category:	F
Monitoring Description:	Monitor dbl wall tank space
Tank ID:	2
Petro Monitoring Category:	G
Monitoring Description:	Electronic line leak detector
Tank ID:	2
Petro Monitoring Category:	K
Monitoring Description:	Monitor dbl wall pipe space
Tank ID:	2
Petro Monitoring Category:	3
Monitoring Description:	Electronic monitor pipe sumps
Tank ID:	2
Petro Monitoring Category:	4
Monitoring Description:	Visual inspect dispenser liners
Tank ID:	3
Petro Monitoring Category:	3
Monitoring Description:	Electronic monitor pipe sumps
Tank ID:	3
Petro Monitoring Category:	4
Monitoring Description:	Visual inspect dispenser liners
Tank ID:	3
Petro Monitoring Category:	F
Monitoring Description:	Monitor dbl wall tank space
Tank ID:	3
Petro Monitoring Category:	G
Monitoring Description:	Electronic line leak detector
Tank ID:	3
Petro Monitoring Category:	K
Monitoring Description:	Monitor dbl wall pipe space
Tank ID:	2
Tank Capacity:	12000
Tank Location:	UNDERGROUND
Tank Status:	U
Status Date:	11/19/2021
Install Date:	4/1/2008

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

RACETRAC #156 (Continued)

U004123960

Substance: B
Content Description: Unleaded Gas
Vessel Indicator: TANK
DEP Contractor: P

Owner:
Owner ID: 17748
Owner Name: RACETRAC PETROLEUM INC
Owner Address: 200 GALLERIA PKWY SE #900
Owner Address 2: ATTN: STORAGE TANK REGIS
Owner City,State,Zip: Atlanta, GA 30339
Owner Contact: MAX BURMEISTER
Owner Phone: 7704317600

Construction:

Tank ID: 1
Construction Category: F
Construction Description: Fiberglass clad steel

Tank ID: 1
Construction Category: M
Construction Description: Spill containment bucket

Tank ID: 1
Construction Category: I
Construction Description: Double wall

Tank ID: 1
Construction Category: P
Construction Description: Level gauges/alarms

Tank ID: 2
Construction Category: F
Construction Description: Fiberglass clad steel

Tank ID: 2
Construction Category: M
Construction Description: Spill containment bucket

Tank ID: 2
Construction Category: I
Construction Description: Double wall

Tank ID: 2
Construction Category: P
Construction Description: Level gauges/alarms

Tank ID: 3
Construction Category: F
Construction Description: Fiberglass clad steel

Tank ID: 3
Construction Category: M
Construction Description: Spill containment bucket

Tank ID: 3
Construction Category: I

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

RACETRAC #156 (Continued)

U004123960

Construction Description: Double wall

Tank ID: 3
Construction Category: P
Construction Description: Level gauges/alarms

Piping:

Tank ID: 1
Piping Category: C
Piping Description: Fiberglass

Tank ID: 1
Piping Category: F
Piping Description: Double wall

Tank ID: 1
Piping Category: J
Piping Description: Pressurized piping system

Tank ID: 1
Piping Category: K
Piping Description: Dispenser liners

Tank ID: 2
Piping Category: C
Piping Description: Fiberglass

Tank ID: 2
Piping Category: F
Piping Description: Double wall

Tank ID: 2
Piping Category: J
Piping Description: Pressurized piping system

Tank ID: 2
Piping Category: K
Piping Description: Dispenser liners

Tank ID: 3
Piping Category: C
Piping Description: Fiberglass

Tank ID: 3
Piping Category: F
Piping Description: Double wall

Tank ID: 3
Piping Category: J
Piping Description: Pressurized piping system

Tank ID: 3
Piping Category: K
Piping Description: Dispenser liners

Monitoring:

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

RACETRAC #156 (Continued)

U004123960

Tank ID:	1
Petro Monitoring Category:	F
Monitoring Description:	Monitor dbl wall tank space
Tank ID:	1
Petro Monitoring Category:	K
Monitoring Description:	Monitor dbl wall pipe space
Tank ID:	1
Petro Monitoring Category:	G
Monitoring Description:	Electronic line leak detector
Tank ID:	1
Petro Monitoring Category:	3
Monitoring Description:	Electronic monitor pipe sumps
Tank ID:	1
Petro Monitoring Category:	4
Monitoring Description:	Visual inspect dispenser liners
Tank ID:	2
Petro Monitoring Category:	F
Monitoring Description:	Monitor dbl wall tank space
Tank ID:	2
Petro Monitoring Category:	G
Monitoring Description:	Electronic line leak detector
Tank ID:	2
Petro Monitoring Category:	K
Monitoring Description:	Monitor dbl wall pipe space
Tank ID:	2
Petro Monitoring Category:	3
Monitoring Description:	Electronic monitor pipe sumps
Tank ID:	2
Petro Monitoring Category:	4
Monitoring Description:	Visual inspect dispenser liners
Tank ID:	3
Petro Monitoring Category:	3
Monitoring Description:	Electronic monitor pipe sumps
Tank ID:	3
Petro Monitoring Category:	4
Monitoring Description:	Visual inspect dispenser liners
Tank ID:	3
Petro Monitoring Category:	F
Monitoring Description:	Monitor dbl wall tank space
Tank ID:	3
Petro Monitoring Category:	G
Monitoring Description:	Electronic line leak detector
Tank ID:	3

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

RACETRAC #156 (Continued)

U004123960

Petro Monitoring Category: K
Monitoring Description: Monitor dbl wall pipe space

Tank ID: 3
Tank Capacity: 12000
Tank Location: UNDERGROUND
Tank Status: U
Status Date: 11/19/2021
Install Date: 4/1/2008
Substance: D
Content Description: Vehicular Diesel
Vessel Indicator: TANK
DEP Contractor: P

Owner:

Owner ID: 17748
Owner Name: RACETRAC PETROLEUM INC
Owner Address: 200 GALLERIA PKWY SE #900
Owner Address 2: ATTN: STORAGE TANK REGIS
Owner City,State,Zip: Atlanta, GA 30339
Owner Contact: MAX BURMEISTER
Owner Phone: 7704317600

Construction:

Tank ID: 1
Construction Category: F
Construction Description: Fiberglass clad steel

Tank ID: 1
Construction Category: M
Construction Description: Spill containment bucket

Tank ID: 1
Construction Category: I
Construction Description: Double wall

Tank ID: 1
Construction Category: P
Construction Description: Level gauges/alarms

Tank ID: 2
Construction Category: F
Construction Description: Fiberglass clad steel

Tank ID: 2
Construction Category: M
Construction Description: Spill containment bucket

Tank ID: 2
Construction Category: I
Construction Description: Double wall

Tank ID: 2
Construction Category: P
Construction Description: Level gauges/alarms

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

RACETRAC #156 (Continued)

U004123960

Tank ID: 3
Construction Category: F
Construction Description: Fiberglass clad steel

Tank ID: 3
Construction Category: M
Construction Description: Spill containment bucket

Tank ID: 3
Construction Category: I
Construction Description: Double wall

Tank ID: 3
Construction Category: P
Construction Description: Level gauges/alarms

Piping:

Tank ID: 1
Piping Category: C
Piping Description: Fiberglass

Tank ID: 1
Piping Category: F
Piping Description: Double wall

Tank ID: 1
Piping Category: J
Piping Description: Pressurized piping system

Tank ID: 1
Piping Category: K
Piping Description: Dispenser liners

Tank ID: 2
Piping Category: C
Piping Description: Fiberglass

Tank ID: 2
Piping Category: F
Piping Description: Double wall

Tank ID: 2
Piping Category: J
Piping Description: Pressurized piping system

Tank ID: 2
Piping Category: K
Piping Description: Dispenser liners

Tank ID: 3
Piping Category: C
Piping Description: Fiberglass

Tank ID: 3
Piping Category: F
Piping Description: Double wall

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

RACETRAC #156 (Continued)

U004123960

Tank ID:	3
Piping Category:	J
Piping Description:	Pressurized piping system
Tank ID:	3
Piping Category:	K
Piping Description:	Dispenser liners
Monitoring:	
Tank ID:	1
Petro Monitoring Category:	F
Monitoring Description:	Monitor dbl wall tank space
Tank ID:	1
Petro Monitoring Category:	K
Monitoring Description:	Monitor dbl wall pipe space
Tank ID:	1
Petro Monitoring Category:	G
Monitoring Description:	Electronic line leak detector
Tank ID:	1
Petro Monitoring Category:	3
Monitoring Description:	Electronic monitor pipe sumps
Tank ID:	1
Petro Monitoring Category:	4
Monitoring Description:	Visual inspect dispenser liners
Tank ID:	2
Petro Monitoring Category:	F
Monitoring Description:	Monitor dbl wall tank space
Tank ID:	2
Petro Monitoring Category:	G
Monitoring Description:	Electronic line leak detector
Tank ID:	2
Petro Monitoring Category:	K
Monitoring Description:	Monitor dbl wall pipe space
Tank ID:	2
Petro Monitoring Category:	3
Monitoring Description:	Electronic monitor pipe sumps
Tank ID:	2
Petro Monitoring Category:	4
Monitoring Description:	Visual inspect dispenser liners
Tank ID:	3
Petro Monitoring Category:	3
Monitoring Description:	Electronic monitor pipe sumps
Tank ID:	3
Petro Monitoring Category:	4
Monitoring Description:	Visual inspect dispenser liners

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

RACETRAC #156 (Continued)

U004123960

Tank ID: 3
Petro Monitoring Category: F
Monitoring Description: Monitor dbl wall tank space

Tank ID: 3
Petro Monitoring Category: G
Monitoring Description: Electronic line leak detector

Tank ID: 3
Petro Monitoring Category: K
Monitoring Description: Monitor dbl wall pipe space

FL Financial Assurance 3:

Name: RACETRAC #156
Address: 2711 STATE ROAD 16
City,State,Zip: SAINT AUGUSTINE, FL 32092
Region: 3
Facility ID: 9810366
Facility Phone: 7704317600
Facility Status: OPEN
Facility Type: A
Type Description: Retail Station
DEP CO: P
Financial Responsibility: SELF-INSURANCE - LETTER FROM CHIEF FINANCIAL OFFIC
Insurance Company: Not reported
Effective Date: 01/21/2013
Expire Date: 01/21/2014
Owner ID: 17748
Owner Name: RACETRAC PETROLEUM INC
Owner Address: 200 GALLERIA PKWY SE #900
Owner Address2: ATTN: STORAGE TANK REGIS
Owner City,St,Zip: Atlanta, GA 30339
Contact: MAX BURMEISTER
Resp Party Phone: 7704317600

Name: RACETRAC #156
Address: 2711 STATE ROAD 16
City,State,Zip: SAINT AUGUSTINE, FL 32092
Region: 3
Facility ID: 9810366
Facility Phone: 7704317600
Facility Status: OPEN
Facility Type: A
Type Description: Retail Station
DEP CO: P
Financial Responsibility: SELF-INSURANCE - LETTER FROM CHIEF FINANCIAL OFFIC
Insurance Company: Not reported
Effective Date: 01/28/2011
Expire Date: 01/28/2012
Owner ID: 17748
Owner Name: RACETRAC PETROLEUM INC
Owner Address: 200 GALLERIA PKWY SE #900
Owner Address2: ATTN: STORAGE TANK REGIS
Owner City,St,Zip: Atlanta, GA 30339
Contact: MAX BURMEISTER

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

RACETRAC #156 (Continued)

U004123960

Resp Party Phone: 7704317600

Name: RACETRAC #156
Address: 2711 STATE ROAD 16
City,State,Zip: SAINT AUGUSTINE, FL 32092
Region: 3
Facility ID: 9810366
Facility Phone: 7704317600
Facility Status: OPEN
Facility Type: A
Type Description: Retail Station
DEP CO: P
Financial Responsibility: SELF-INSURANCE - LETTER FROM CHIEF FINANCIAL OFFIC
Insurance Company: Not reported
Effective Date: 02/09/2009
Expire Date: 02/09/2010
Owner ID: 17748
Owner Name: RACETRAC PETROLEUM INC
Owner Address: 200 GALLERIA PKWY SE #900
Owner Address2: ATTN: STORAGE TANK REGIS
Owner City,St,Zip: Atlanta, GA 30339
Contact: MAX BURMEISTER
Resp Party Phone: 7704317600

Name: RACETRAC #156
Address: 2711 STATE ROAD 16
City,State,Zip: SAINT AUGUSTINE, FL 32092
Region: 3
Facility ID: 9810366
Facility Phone: 7704317600
Facility Status: OPEN
Facility Type: A
Type Description: Retail Station
DEP CO: P
Financial Responsibility: SELF-INSURANCE - LETTER FROM CHIEF FINANCIAL OFFIC
Insurance Company: Not reported
Effective Date: 02/09/2010
Expire Date: 02/09/2011
Owner ID: 17748
Owner Name: RACETRAC PETROLEUM INC
Owner Address: 200 GALLERIA PKWY SE #900
Owner Address2: ATTN: STORAGE TANK REGIS
Owner City,St,Zip: Atlanta, GA 30339
Contact: MAX BURMEISTER
Resp Party Phone: 7704317600

Name: RACETRAC #156
Address: 2711 STATE ROAD 16
City,State,Zip: SAINT AUGUSTINE, FL 32092
Region: 3
Facility ID: 9810366
Facility Phone: 7704317600
Facility Status: OPEN
Facility Type: A
Type Description: Retail Station
DEP CO: P
Financial Responsibility: SELF-INSURANCE - LETTER FROM CHIEF FINANCIAL OFFIC

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

RACETRAC #156 (Continued)

U004123960

Insurance Company: Not reported
Effective Date: 02/10/2014
Expire Date: 02/20/2016
Owner ID: 17748
Owner Name: RACETRAC PETROLEUM INC
Owner Address: 200 GALLERIA PKWY SE #900
Owner Address2: ATTN: STORAGE TANK REGIS
Owner City,St,Zip: Atlanta, GA 30339
Contact: MAX BURMEISTER
Resp Party Phone: 7704317600

Name: RACETRAC #156
Address: 2711 STATE ROAD 16
City,State,Zip: SAINT AUGUSTINE, FL 32092
Region: 3
Facility ID: 9810366
Facility Phone: 7704317600
Facility Status: OPEN
Facility Type: A
Type Description: Retail Station
DEP CO: P
Financial Responsibility: SELF-INSURANCE - LETTER FROM CHIEF FINANCIAL OFFIC
Insurance Company: Not reported
Effective Date: 02/20/2016
Expire Date: 02/20/2017
Owner ID: 17748
Owner Name: RACETRAC PETROLEUM INC
Owner Address: 200 GALLERIA PKWY SE #900
Owner Address2: ATTN: STORAGE TANK REGIS
Owner City,St,Zip: Atlanta, GA 30339
Contact: MAX BURMEISTER
Resp Party Phone: 7704317600

Name: RACETRAC #156
Address: 2711 STATE ROAD 16
City,State,Zip: SAINT AUGUSTINE, FL 32092
Region: 3
Facility ID: 9810366
Facility Phone: 7704317600
Facility Status: OPEN
Facility Type: A
Type Description: Retail Station
DEP CO: P
Financial Responsibility: SELF-INSURANCE - LETTER FROM CHIEF FINANCIAL OFFIC
Insurance Company: Not reported
Effective Date: 02/20/2017
Expire Date: 02/20/2018
Owner ID: 17748
Owner Name: RACETRAC PETROLEUM INC
Owner Address: 200 GALLERIA PKWY SE #900
Owner Address2: ATTN: STORAGE TANK REGIS
Owner City,St,Zip: Atlanta, GA 30339
Contact: MAX BURMEISTER
Resp Party Phone: 7704317600

Name: RACETRAC #156
Address: 2711 STATE ROAD 16

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

RACETRAC #156 (Continued)

U004123960

City,State,Zip: SAINT AUGUSTINE, FL 32092
Region: 3
Facility ID: 9810366
Facility Phone: 7704317600
Facility Status: OPEN
Facility Type: A
Type Description: Retail Station
DEP CO: P
Financial Responsibility: SELF-INSURANCE - LETTER FROM CHIEF FINANCIAL OFFIC
Insurance Company: Not reported
Effective Date: 12/15/2021
Expire Date: 12/15/2022
Owner ID: 17748
Owner Name: RACETRAC PETROLEUM INC
Owner Address: 200 GALLERIA PKWY SE #900
Owner Address2: ATTN: STORAGE TANK REGIS
Owner City,St,Zip: Atlanta, GA 30339
Contact: MAX BURMEISTER
Resp Party Phone: 7704317600

Name: RACETRAC #156
Address: 2711 STATE ROAD 16
City,State,Zip: SAINT AUGUSTINE, FL 32092
Region: 3
Facility ID: 9810366
Facility Phone: 7704317600
Facility Status: OPEN
Facility Type: A
Type Description: Retail Station
DEP CO: P
Financial Responsibility: SELF-INSURANCE - LETTER FROM CHIEF FINANCIAL OFFIC
Insurance Company: Not reported
Effective Date: 12/23/2017
Expire Date: 12/23/2018
Owner ID: 17748
Owner Name: RACETRAC PETROLEUM INC
Owner Address: 200 GALLERIA PKWY SE #900
Owner Address2: ATTN: STORAGE TANK REGIS
Owner City,St,Zip: Atlanta, GA 30339
Contact: MAX BURMEISTER
Resp Party Phone: 7704317600

Name: RACETRAC #156
Address: 2711 STATE ROAD 16
City,State,Zip: SAINT AUGUSTINE, FL 32092
Region: 3
Facility ID: 9810366
Facility Phone: 7704317600
Facility Status: OPEN
Facility Type: A
Type Description: Retail Station
DEP CO: P
Financial Responsibility: SELF-INSURANCE - LETTER FROM CHIEF FINANCIAL OFFIC
Insurance Company: Not reported
Effective Date: 12/23/2018
Expire Date: 12/23/2019
Owner ID: 17748

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

RACETRAC #156 (Continued)

U004123960

Owner Name: RACETRAC PETROLEUM INC
Owner Address: 200 GALLERIA PKWY SE #900
Owner Address2: ATTN: STORAGE TANK REGIS
Owner City,St,Zip: Atlanta, GA 30339
Contact: MAX BURMEISTER
Resp Party Phone: 7704317600

Name: RACETRAC #156
Address: 2711 STATE ROAD 16
City,State,Zip: SAINT AUGUSTINE, FL 32092
Region: 3
Facility ID: 9810366
Facility Phone: 7704317600
Facility Status: OPEN
Facility Type: A
Type Description: Retail Station
DEP CO: P
Financial Responsibility: SELF-INSURANCE - LETTER FROM CHIEF FINANCIAL OFFIC
Insurance Company: Not reported
Effective Date: 12/23/2019
Expire Date: 12/23/2020
Owner ID: 17748
Owner Name: RACETRAC PETROLEUM INC
Owner Address: 200 GALLERIA PKWY SE #900
Owner Address2: ATTN: STORAGE TANK REGIS
Owner City,St,Zip: Atlanta, GA 30339
Contact: MAX BURMEISTER
Resp Party Phone: 7704317600

Name: RACETRAC #156
Address: 2711 STATE ROAD 16
City,State,Zip: SAINT AUGUSTINE, FL 32092
Region: 3
Facility ID: 9810366
Facility Phone: 7704317600
Facility Status: OPEN
Facility Type: A
Type Description: Retail Station
DEP CO: P
Financial Responsibility: SELF-INSURANCE - LETTER FROM CHIEF FINANCIAL OFFIC
Insurance Company: Not reported
Effective Date: 12/23/2020
Expire Date: 12/23/2021
Owner ID: 17748
Owner Name: RACETRAC PETROLEUM INC
Owner Address: 200 GALLERIA PKWY SE #900
Owner Address2: ATTN: STORAGE TANK REGIS
Owner City,St,Zip: Atlanta, GA 30339
Contact: MAX BURMEISTER
Resp Party Phone: 7704317600

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

33
SSW
< 1/8
0.053 mi.
279 ft.

ST JOHNS CNTY UTIL-TURNBULL BOOSTER STAT
4525 SR 16
SAINT AUGUSTINE, FL 32092

AST **A100392989**
N/A

Actual:
24 ft.
Focus Map:
6

AST:
Facility ID: 9814184
Name: ST JOHNS CNTY UTIL-TURNBULL BOOSTER STAT
Address: 4525 SR 16
City,State,Zip: SAINT AUGUSTINE, FL 32092
Facility Phone: 9046697493
Facility Status: OPEN
Facility Type: H
Type Description: Local Government
Depco: C
Region: STATE
Positioning Method: Not reported
Latitude/Longitude: Not reported

Tank:
Tank ID: 1
Tank Capacity: 600
Tank Location: ABOVEGROUND
Tank Status: U
Status Date: 03/01/2011
Install Date: 3/1/2011
Substance: H
Content Description: Generator/Pump Diesel
Vessel Indicator: TANK
DEP Contractor: C

Piping:
Tank ID: 1
Piping Category: A
Piping Description: Abv, no soil contact

Tank ID: 1
Piping Category: F
Piping Description: Double wall

Tank ID: 1
Piping Category: N
Piping Description: Approved synthetic material

Monitoring:
Tank ID: 1
Petro Monitoring Category: Q
Monitoring Description: Visual inspection of ASTs

Tank ID: 1
Petro Monitoring Category: F
Monitoring Description: Monitor dbl wall tank space

Tank ID: 1
Petro Monitoring Category: L
Monitoring Description: Automatic tank gauging - USTs

Tank ID: 1
Petro Monitoring Category: J

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ST JOHNS CNTY UTIL-TURNBULL BOOSTER STAT (Continued)

A100392989

Monitoring Description: Monitor piping/liner space

Owner:

Owner ID: 60913
Owner Name: ST JOHNS CNTY BOCC BLDG OPERATIONS DEPT
Owner Address: 500 San Sebastian Vw
Owner Address 2: Att: Storage Tank Regis
Owner City,State,Zip: Saint Augustine, FL 32084
Owner Contact: TODD ROBERTS
Owner Phone: 9042090652

Construction:

Tank ID: 1
Construction Category: C
Construction Description: Steel

Tank ID: 1
Construction Category: I
Construction Description: Double wall

Tank ID: 1
Construction Category: M
Construction Description: Spill containment bucket

Tank ID: 1
Construction Category: P
Construction Description: Level gauges/alarms

G34
West
< 1/8
0.063 mi.
332 ft.

HORTONS STORE-MILL CREEK GROC & STATION
5405 HWY 16
SAINT AUGUSTINE, FL
Site 1 of 5 in cluster G

RGA LUST **S115181216**
N/A

Actual:
24 ft.

RGA LUST:

Focus Map:
5

2012	HORTONS STORE-MILL CREEK GROC & STATION	5405 HWY 16
2011	HORTONS STORE-MILL CREEK GROC & STATION	5405 HWY 16
2010	HORTONS STORE-MILL CREEK GROC & STATION	5405 HWY 16
2009	HORTONS STORE-MILL CREEK GROC & STATION	5405 HWY 16
2008	HORTONS STORE-MILL CREEK GROC & STATION	5405 HWY 16
2007	HORTONS STORE-MILL CREEK GROC & STATION	5405 HWY 16
2006	HORTONS STORE-MILL CREEK GROC & STATION	5405 HWY 16
2005	HORTONS STORE-MILL CREEK GROC & STATION	5405 HWY 16
2004	HORTONS STORE-MILL CREEK GROC & STATION	5405 HWY 16

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

G35 **MILL CREEK GROCERY & STATION**
West **5405 HWY 16**
< 1/8 **SAINT AUGUSTINE, FL**
0.063 mi.
332 ft. **Site 2 of 5 in cluster G**

RGA LUST **S115187281**
N/A

Actual: RGA LUST:
24 ft. 2003 MILL CREEK GROCERY & STATION 5405 HWY 16
Focus Map: 2002 MILL CREEK GROCERY & STATION 5405 HWY 16
5

G36 **HORTONS STORE-MILL CREEK GROC & STATION**
West **5405 HIGHWAY 16**
< 1/8 **ST. AUGUSTINE, FL 32092**
0.063 mi.
332 ft. **Site 3 of 5 in cluster G**

INST CONTROL **S122963284**
N/A

Actual: Inst Control:
24 ft. Name: HORTONS STORE-MILL CREEK GROC & STATION
Focus Map: Address: 5405 HIGHWAY 16
5 City,State,Zip: ST. AUGUSTINE, FL 32092
 Facility Id: ERIC_7074
 Inst Control Type: Digging, Groundwater Use, Land Use
 Eng Control Type: None
 Contaminated Media: Groundwater, Soil
 Contamination: Petroleum (Includes BTEX and MTBE)-Legacy
 Lat/Long (dms): Not reported
 Date Amended: Not reported
 Mechanism - Date IC Removed: Not reported
 Mechanism - Program Area: Not reported
 Mechanism - Date Order Issued: Not reported
 Date Removed: Not reported
 Inspection Date: Not reported
 Legal Description: Not reported
 Comments: Not reported
 Township: Not reported
 Range: Not reported
 Parcel ID: Not reported
 Section: Not reported
 Book Number: 3950
 Page Number: 1731
 Acquisition: Not reported
 Previously Published: Not reported
 Description: Not reported
 Begin Date: Not reported
 DC4 Datum ID: Not reported
 CMC2 Coordinate Method ID: Not reported
 PC2 Proximity ID: Not reported
 Collector User Name: Not reported
 Collection Date: Not reported
 OIC Object of Interest ID: Not reported
 VSC1 Verification Status ID: Not reported
 Primary Facility ID: Not reported
 Primary Facility Name: Not reported
 Primary Site Address Line 2: Not reported
 Primary Site Program Type Key: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HORTONS STORE-MILL CREEK GROC & STATION (Continued)

S122963284

Primary Site Managing Program: Not reported
Primary Site DEP Office: Not reported
Primary Site WMD: Not reported
Boundary Control ID: Not reported
Boundary Control Name: Not reported
Boundary Mechanism Counties: Not reported
Boundary Mechanism Types: Not reported
Boundary Mechanism EFF Dates: Not reported
All Facility ID: Not reported
All Facility Names: Not reported
All Site ID: Not reported
All Site Names: Not reported
Boundary Mechanism Instr Num: Not reported
Primary Site Documents: Not reported

Name: HORTONS STORE-MILL CREEK GROC & STATION
Address: 5405 HIGHWAY 16
City,State,Zip: ST. AUGUSTINE, FL 32092
Facility Id: ERIC_7074
Inst Control Type: Digging, Groundwater Use, Land Use
Eng Control Type: None
Contaminated Media: Groundwater, Soil
Contamination: Petroleum (Includes BTEX and MTBE)-Legacy
Lat/Long (dms): Not reported
Date Amended: Not reported
Mechanism - Date IC Removed: Not reported
Mechanism - Program Area: Not reported
Mechanism - Date Order Issued: Not reported
Date Removed: Not reported
Inspection Date: Not reported
Legal Description: Not reported
Comments: Not reported
Township: Not reported
Range: Not reported
Parcel ID: Not reported
Section: Not reported
Book Number: 3950
Page Number: 1731
Acquisition: Not reported
Previously Published: Y
Description: DIGGING RESTRICTION|GROUNDWATER USE RESTRICTION|LAND USE RESTRICTION
Begin Date: 11/06/2014
DC4 Datum ID: HARN
CMC2 Coordinate Method ID: CSUR
PC2 Proximity ID: EXACT
Collector User Name: ERIC_INIT_ICR_LOAD
Collection Date: 11/29/2018
OIC Object of Interest ID: SWIM
VSC1 Verification Status ID: REVIEWED
Primary Facility ID: STCM-8839690
Primary Facility Name: HORTONS STORE-MILL CREEK GROC & STATION
Primary Site Address Line 2: Not reported
Primary Site Program Type Key: PETROLEUM
Primary Site Managing Program: Petroleum Restoration Program
Primary Site DEP Office: NED
Primary Site WMD: SJRWMD
Boundary Control ID: IC-797

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HORTONS STORE-MILL CREEK GROC & STATION (Continued)

S122963284

Boundary Control Name:	HORTONS STORE-MILL CREEK GROC & STATION
Boundary Mechanism Counties:	St. Johns
Boundary Mechanism Types:	Declaration of Restrictive Covenant
Boundary Mechanism EFF Dates:	2014-11-06 00:00:00
All Facility ID:	STCM-8839690
All Facility Names:	HORTONS STORE-MILL CREEK GROC & STATION
All Site ID:	ERIC_7074
All Site Names:	HORTONS STORE-MILL CREEK GROC & STATION
Boundary Mechanism Instr Num:	Not reported
Primary Site Documents:	https://prodenv.dep.state.fl.us/DepNexus/public/electronic-documents/ERIC_7074/gis-facility!search
Name:	HORTONS STORE-MILL CREEK GROC & STATION
Address:	5405 HIGHWAY 16
City,State,Zip:	ST. AUGUSTINE, FL 32092
Facility Id:	8839690
Inst Control Type:	DIGGING RESTRICTION
Eng Control Type:	NONE
Contaminated Media:	SOIL
Contamination:	PETROLEUM (INCLUDES BTEX AND MTBE)
Lat/Long (dms):	29 57 47.9326999 / 81 29 32.0598999
Date Amended:	Not reported
Mechanism - Date IC Removed:	/2/14/11/0
Mechanism - Program Area:	PETROLEUM
Mechanism - Date Order Issued:	11/17/2014
Date Removed:	Not reported
Inspection Date:	Not reported
Legal Description:	Not reported
Comments:	Not reported
Township:	06S
Range:	28E
Parcel ID:	0287600010
Section:	38
Book Number:	3950
Page Number:	1731
Acquisition:	DPHO-DIGITAL ARIAL PHOTOGRAPHY WITH GROUND CONTROL
Previously Published:	Not reported
Description:	Not reported
Begin Date:	Not reported
DC4 Datum ID:	Not reported
CMC2 Coordinate Method ID:	Not reported
PC2 Proximity ID:	Not reported
Collector User Name:	Not reported
Collection Date:	Not reported
OIC Object of Interest ID:	Not reported
VSC1 Verification Status ID:	Not reported
Primary Facility ID:	Not reported
Primary Facility Name:	Not reported
Primary Site Address Line 2:	Not reported
Primary Site Program Type Key:	Not reported
Primary Site Managing Program:	Not reported
Primary Site DEP Office:	Not reported
Primary Site WMD:	Not reported
Boundary Control ID:	Not reported
Boundary Control Name:	Not reported
Boundary Mechanism Counties:	Not reported
Boundary Mechanism Types:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HORTONS STORE-MILL CREEK GROC & STATION (Continued)

S122963284

Boundary Mechanism EFF Dates:	Not reported
All Facility ID:	Not reported
All Facility Names:	Not reported
All Site ID:	Not reported
All Site Names:	Not reported
Boundary Mechanism Instr Num:	Not reported
Primary Site Documents:	Not reported
Name:	HORTONS STORE-MILL CREEK GROC & STATION
Address:	5405 HIGHWAY 16
City,State,Zip:	ST. AUGUSTINE, FL 32092
Facility Id:	8839690
Inst Control Type:	GROUNDWATER USE RESTRICTION
Eng Control Type:	NONE
Contaminated Media:	GROUNDWATER
Contamination:	PETROLEUM (INCLUDES BTEX AND MTBE)
Lat/Long (dms):	29 57 47.9326999 / 81 29 32.0598999
Date Amended:	Not reported
Mechanism - Date IC Removed:	/2/14/11/0
Mechanism - Program Area:	PETROLEUM
Mechanism - Date Order Issued:	11/17/2014
Date Removed:	Not reported
Inspection Date:	Not reported
Legal Description:	Not reported
Comments:	Not reported
Township:	06S
Range:	28E
Parcel ID:	0287600010
Section:	38
Book Number:	3950
Page Number:	1731
Acquisition:	DPHO-DIGITAL ARIAL PHOTOGRAPHY WITH GROUND CONTROL
Previously Published:	Not reported
Description:	Not reported
Begin Date:	Not reported
DC4 Datum ID:	Not reported
CMC2 Coordinate Method ID:	Not reported
PC2 Proximity ID:	Not reported
Collector User Name:	Not reported
Collection Date:	Not reported
OIC Object of Interest ID:	Not reported
VSC1 Verification Status ID:	Not reported
Primary Facility ID:	Not reported
Primary Facility Name:	Not reported
Primary Site Address Line 2:	Not reported
Primary Site Program Type Key:	Not reported
Primary Site Managing Program:	Not reported
Primary Site DEP Office:	Not reported
Primary Site WMD:	Not reported
Boundary Control ID:	Not reported
Boundary Control Name:	Not reported
Boundary Mechanism Counties:	Not reported
Boundary Mechanism Types:	Not reported
Boundary Mechanism EFF Dates:	Not reported
All Facility ID:	Not reported
All Facility Names:	Not reported
All Site ID:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HORTONS STORE-MILL CREEK GROC & STATION (Continued)

S122963284

All Site Names:	Not reported
Boundary Mechanism Instr Nums:	Not reported
Primary Site Documents:	Not reported
Name:	HORTONS STORE-MILL CREEK GROC & STATION
Address:	5405 HIGHWAY 16
City,State,Zip:	ST. AUGUSTINE, FL 32092
Facility Id:	8839690
Inst Control Type:	LAND USE RESTRICTION
Eng Control Type:	NONE
Contaminated Media:	SOIL
Contamination:	PETROLEUM (INCLUDES BTEX AND MTBE)
Lat/Long (dms):	29 57 47.9326999 / 81 29 32.0598999
Date Amended:	Not reported
Mechanism - Date IC Removed:	/2/14/11/0
Mechanism - Program Area:	PETROLEUM
Mechanism - Date Order Issued:	11/17/2014
Date Removed:	Not reported
Inspection Date:	Not reported
Legal Description:	Not reported
Comments:	Not reported
Township:	06S
Range:	28E
Parcel ID:	0287600010
Section:	38
Book Number:	3950
Page Number:	1731
Acquisition:	DPHO-DIGITAL ARIAL PHOTOGRAPHY WITH GROUND CONTROL
Previously Published:	Not reported
Description:	Not reported
Begin Date:	Not reported
DC4 Datum ID:	Not reported
CMC2 Coordinate Method ID:	Not reported
PC2 Proximity ID:	Not reported
Collector User Name:	Not reported
Collection Date:	Not reported
OIC Object of Interest ID:	Not reported
VSC1 Verification Status ID:	Not reported
Primary Facility ID:	Not reported
Primary Facility Name:	Not reported
Primary Site Address Line 2:	Not reported
Primary Site Program Type Key:	Not reported
Primary Site Managing Program:	Not reported
Primary Site DEP Office:	Not reported
Primary Site WMD:	Not reported
Boundary Control ID:	Not reported
Boundary Control Name:	Not reported
Boundary Mechanism Counties:	Not reported
Boundary Mechanism Types:	Not reported
Boundary Mechanism EFF Dates:	Not reported
All Facility ID:	Not reported
All Facility Names:	Not reported
All Site ID:	Not reported
All Site Names:	Not reported
Boundary Mechanism Instr Nums:	Not reported
Primary Site Documents:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HORTONS STORE-MILL CREEK GROC & STATION (Continued)

S122963284

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G37
West
< 1/8
0.063 mi.
332 ft.

HORTONS STORE-MILL CREEK GROC & STATION
5405 HWY 16
SAINT AUGUSTINE, FL 32092
Site 4 of 5 in cluster G

LUST
UST
DWM CONTAM
Financial Assurance

U001372695
N/A

Actual:
24 ft.

LUST:

Focus Map:
5

Name: HORTONS STORE-MILL CREEK GROC & STATION
Address: 5405 HWY 16
City,State,Zip: SAINT AUGUSTINE, FL 32092
Region: STATE
Facility Id: 8839690
Facility Status: CLOSED
Facility Type: A - Retail Station
Facility Phone: (904)940-3893
Facility Cleanup Rank: 3987
District: Northeast District
Lat/Long (dms): 29 57 47.9326999 / 81 29 32.0598999
Section: Not reported
Township: Not reported
Range: Not reported
Feature: Not reported
Method: AGPS
Datum: 0
Score: 62
Score Effective Date: 2008-08-12 00:00:00
Score When Ranked: 41
Operator: RICHARD HORTON
Name Update: 2004-07-16 00:00:00
Address Update: 2000-06-05 00:00:00

Petroleum Cleanup PCT Facility Score:

Facility Cleanup Status: CMPL - COMPLETED
Contact: RICHARD HORTON
Contact Company: HORTON, RICHARD
Contact Address: 5405 SR 16
Contact City/State/Zip: SAINT AUGUSTINE, FL 32092
Phone: (904)940-3893
Bad Address Ind: N
State: FL
Zip: 32092, 617
Score: 62
Score Effective Date: 2008-08-12 00:00:00
Related Party ID: 10390
Primary RP Role: ACCOUNT OWNER
RP Begin Date: 1988-03-08
RP Zip: 617
RP Extension: Not reported

Discharge Cleanup Summary:

Discharge Date: 10/28/2002
PCT Discharge Combined: Not reported
Cleanup Required: R - CLEANUP REQUIRED
Discharge Cleanup Status: NFAC - NO FURTHER ACTION WITH CONDITIONS
Disch Cleanup Status Date: 11/17/2014
Cleanup Work Status: COMPLETED

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HORTONS STORE-MILL CREEK GROC & STATION (Continued)

U001372695

Information Source:	D - DISCHARGE NOTIFICATION
Other Source Description:	Not reported
Eligibility Indicator:	I - INELIGIBLE
Site Manager:	TOWLE_M
Site Mgr End Date:	11/17/2014
Tank Office:	PCNED - NED CLEANUP & COMPLIANCE ASSURANCE PROGRAM
Contaminated Media:	
Discharge Date:	10/28/2002
Pct Discharge Combined With:	Not reported
Cleanup Required:	R - CLEANUP REQUIRED
Discharge Cleanup Status:	NFAC - NO FURTHER ACTION WITH CONDITIONS
Disch Cleanup Status Date:	11/17/2014
Cleanup Work Status:	COMPLETED
Information Source:	D - DISCHARGE NOTIFICATION
Other Source Description:	Not reported
Elig Indicator:	I - INELIGIBLE
Site Manager:	TOWLE_M
Site Mgr End Date:	11/17/2014
Tank Office:	PCNED - NED CLEANUP & COMPLIAN
Contaminated Drinking Wells:	Not reported
Contaminated Monitoring Well:	Yes
Contaminated Soil:	Yes
Contaminated Surface Water:	Not reported
Contaminated Ground Water:	Yes
Pollutant:	B - Unleaded Gas
Pollutant Other Description:	Not reported
Gallons Discharged:	Not reported
Task Information:	
District:	NED
Facility ID:	8839690
Facility Status:	CLOSED
Facility Type:	A - Retail Station -
County:	ST. JOHNS
County ID:	55
Cleanup Eligibility Status:	I
Source Effective Date:	07-29-2013
Discharge Date:	10-28-2002
Cleanup Required:	R - CLEANUP REQUIRED
Discharge Cleanup Status:	NFAC - NO FURTHER ACTION WITH CONDITIONS
Disch Cleanup Status Date:	11-17-2014
SRC Action Type:	NFAC - NO FURTHER ACTION WITH CONDITIONS
SRC Submit Date:	06-10-2013
SRC Review Date:	07-29-2013
SRC Completion Status:	A - APPROVED
SRC Issue Date:	11-17-2014
SRC Comment:	DRC RECORDED 11/6/14
Cleanup Work Status:	COMPLETED
Site Mgr:	TOWLE_M
Site Mgr End Date:	11-17-2014
Tank Office:	PCNED - Northeast District
SR Task ID:	Not reported
SR Cleanup Responsible:	-
SR Funding Eligibility Type:	-
SR Actual Cost:	Not reported
SR Completion Date:	Not reported
SR Payment Date:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HORTONS STORE-MILL CREEK GROC & STATION (Continued)

U001372695

SR Oral Date:	Not reported
SR Written Date:	Not reported
SR Soil Removal:	Not reported
SR Free Product Removal:	Not reported
SR Soil Tonnage Removed:	Not reported
SR Soil Treatment:	Not reported
SR Other Treatment:	Not reported
SR Alternate Proc Received Date:	Not reported
SR Alternate Procedure Status:	Not reported
SR Alternate Procedure Status Date:	Not reported
SR Alternate Procedure Comments:	Not reported
SA Task ID:	69844
SA Cleanup Responsible:	-
SA Funding Eligibility Type:	-
SA Actual Cost:	Not reported
SA Completion Date:	Not reported
SA Payment Date:	Not reported
RAP Task ID:	75844
RAP Cleanup Responsible ID:	-
RAP Funding Eligibility Type:	-
RAP Actual Cost:	Not reported
RAP Completion Date:	09-18-2006
RAP Payment Date:	Not reported
RAP Last Order Approved:	Not reported
RA Task ID:	76889
RA Cleanup Responsible:	-
RA Funding Eligibility Type:	-
RA Years to Complete:	0
RA Actual Cost:	Not reported

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UST:

Facility ID:	8839690
Name:	HORTONS STORE-MILL CREEK GROC & STATION
Address:	5405 HWY 16
City,State,Zip:	SAINT AUGUSTINE, FL 32092
Facility Phone:	9049403893
Facility Status:	CLOSED
Facility Type:	A
Type Description:	Retail Station
Depco:	P
Region:	STATE
Positioning Method:	AGPS
Latitude/Longitude:	29 57 47 / 81 29 32

UST:

Tank ID:	4
Tank Capacity:	6000
Tank Location:	UNDERGROUND
Tank Status:	B
Status Date:	05/01/2004
Install Date:	7/1/1990
Substance:	D
Content Description:	Vehicular Diesel
Vessel Indicator:	TANK
DEP Contractor:	P

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HORTONS STORE-MILL CREEK GROC & STATION (Continued)

U001372695

Owner:

Owner ID: 10390
Owner Name: HORTON, RICHARD
Owner Address: 5405 SR 16
Owner Address 2: Not reported
Owner City,State,Zip: SAINT AUGUSTINE, FL 32092
Owner Contact: RICHARD HORTON
Owner Phone: 9049403893

Tank ID: 1
Tank Capacity: 3000
Tank Location: UNDERGROUND
Tank Status: B
Status Date: 07/31/1990
Install Date: 3/1/1976
Substance: B
Content Description: Unleaded Gas
Vessel Indicator: TANK
DEP Contractor: P

Owner:

Owner ID: 10390
Owner Name: HORTON, RICHARD
Owner Address: 5405 SR 16
Owner Address 2: Not reported
Owner City,State,Zip: SAINT AUGUSTINE, FL 32092
Owner Contact: RICHARD HORTON
Owner Phone: 9049403893

Tank ID: 2
Tank Capacity: 3000
Tank Location: UNDERGROUND
Tank Status: B
Status Date: 07/31/1990
Install Date: 3/1/1976
Substance: B
Content Description: Unleaded Gas
Vessel Indicator: TANK
DEP Contractor: P

Owner:

Owner ID: 10390
Owner Name: HORTON, RICHARD
Owner Address: 5405 SR 16
Owner Address 2: Not reported
Owner City,State,Zip: SAINT AUGUSTINE, FL 32092
Owner Contact: RICHARD HORTON
Owner Phone: 9049403893

Tank ID: 3
Tank Capacity: 550
Tank Location: UNDERGROUND
Tank Status: B
Status Date: 07/31/1990
Install Date: 3/1/1976

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HORTONS STORE-MILL CREEK GROC & STATION (Continued)

U001372695

Substance: D
Content Description: Vehicular Diesel
Vessel Indicator: TANK
DEP Contractor: P

Owner:
Owner ID: 10390
Owner Name: HORTON, RICHARD
Owner Address: 5405 SR 16
Owner Address 2: Not reported
Owner City,State,Zip: SAINT AUGUSTINE, FL 32092
Owner Contact: RICHARD HORTON
Owner Phone: 9049403893

DWM CONTAM:

Name: HORTONS STORE-MILL CREEK GROC & STATION
Address: 5405 HWY 16
City,State,Zip: SAINT AUGUSTINE, FL
Program Site Id: 8839690
Lat DD: 29
Lat MM: 57
Lat SS: Not reported
Long DD: 81
Long MM: 29
Long SS: 32
Office/ District: NED
Program Area: PETROLEUM
Priority Score: Not reported
Datum: 0
Method: AGPS
Facility Status: CLOSED-STCM
Facility Type: Not reported
Score Effective Date: Not reported
Score When Ranked: Not reported
Rank: Not reported
Operator: Not reported
Phone: Not reported
Name Changed: Not reported
Addr Changed: Not reported
Related Party ID: Not reported
Primary RP Role: Not reported
RP Begin Date: Not reported
RP Name: Not reported
RP Address1: Not reported
RP Address2: Not reported
RP City: Not reported
RP State: Not reported
RP Zip5: Not reported
RP Zip4: Not reported
Contact: Not reported
RP Phone: Not reported
RP Extension: Not reported
Site Manager: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HORTONS STORE-MILL CREEK GROC & STATION (Continued)

U001372695

FL Financial Assurance 3:

Name: HORTONS STORE-MILL CREEK GROC & STATION
Address: 5405 HWY 16
City,State,Zip: SAINT AUGUSTINE, FL 32092
Region: 3
Facility ID: 8839690
Facility Phone: 9049403893
Facility Status: CLOSED
Facility Type: A
Type Description: Retail Station
DEP CO: P
Financial Responsibility: INSURANCE
Insurance Company: COMMERCE & INDUSTRY
Effective Date: 01/14/2003
Expire Date: 01/14/2004
Owner ID: 10390
Owner Name: HORTON, RICHARD
Owner Address: 5405 SR 16
Owner Address2: Not reported
Owner City,St,Zip: SAINT AUGUSTINE, FL 32092
Contact: RICHARD HORTON
Resp Party Phone: 9049403893

H38 **CVS PHARMACY #0652**
South **57 TUSCAN WAY**
< 1/8 **SAINT AUGUSTINE, FL 32092**
0.072 mi.
379 ft. **Site 1 of 6 in cluster H**

RCRA-VSQG 1014951284
FLR000185538

Actual:
24 ft.
Focus Map:
5

RCRA Listings:
Date Form Received by Agency: 20191021
Handler Name: Cvs Pharmacy #0652
Handler Address: 57 TUSCAN WAY
Handler City,State,Zip: SAINT AUGUSTINE, FL 32092-1832
EPA ID: FLR000185538
Contact Name: NICOLE WILKINSON
Contact Address: 1 CVS DR
Contact City,State,Zip: WOONSOCKET, RI 02895-0000
Contact Telephone: 401-770-7132
Contact Fax: Not reported
Contact Email: NICOLE.WILKINSON@CVSHEALTH.COM
Contact Title: DIR CORPORATE ENVIRONMENTAL
EPA Region: 04
Land Type: Private
Federal Waste Generator Description: Conditionally Exempt Small Quantity Generator
Non-Notifier: Not reported
Biennial Report Cycle: Not reported
Accessibility: Not reported
Active Site Indicator: Handler Activities
State District Owner: FI
State District: NE
Mailing Address: 57 TUSCAN WAY
Mailing City,State,Zip: SAINT AUGUSTINE, FL 32092-1832
Owner Name: Cole Cv St Augustine FI Llc
Owner Type: Private
Operator Name: Holiday Cvs Llc
Operator Type: Private

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CVS PHARMACY #0652 (Continued)

1014951284

Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
202 GPRA Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20200826
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	H

Hazardous Waste Summary:

Waste Code:	D001
Waste Description:	Ignitable Waste
Waste Code:	D002
Waste Description:	Corrosive Waste
Waste Code:	D006
Waste Description:	Cadmium
Waste Code:	D007
Waste Description:	Chromium
Waste Code:	D009
Waste Description:	Mercury

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CVS PHARMACY #0652 (Continued)

1014951284

Waste Code:	D010
Waste Description:	Selenium
Waste Code:	D011
Waste Description:	Silver
Waste Code:	P001
Waste Description:	2h-1-Benzopyran-2-One, 4-Hydroxy-3-(3-Oxo-1-Phenylbutyl)-, & Salts, When Present At Concentrations Greater Than 0.3% (Or) Warfarin, & Salts, When Present At Concentrations Greater Than 0.3%
Waste Code:	P042
Waste Description:	1,2-Benzenediol, 4-[1-Hydroxy-2-(Methylamino)Ethyl]-, (R)- (Or) Epinephrine
Waste Code:	P075
Waste Description:	Nicotine, & Salts (Or) Pyridine, 3-(1-Methyl-2-Pyrrolidinyl)-,(S)-, & Salts
Waste Code:	P081
Waste Description:	1,2,3-Propanetriol, Trinitrate (R) (Or) Nitroglycerine (R)

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	COLE CV ST AUGUSTINE FL LLC
Legal Status:	Private
Date Became Current:	20080627
Date Ended Current:	Not reported
Owner/Operator Address:	2555 E CAMELBACK RD
Owner/Operator City,State,Zip:	PHOENIX, AZ 85016-9256
Owner/Operator Telephone:	602-778-8700
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	COLE CV ST AUGUSTINE FL LLC
Legal Status:	Private
Date Became Current:	20080627
Date Ended Current:	Not reported
Owner/Operator Address:	2555 E CAMELBACK RD
Owner/Operator City,State,Zip:	PHOENIX, AZ 85016-9256
Owner/Operator Telephone:	602-778-8700
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	HOLIDAY CVS LLC
Legal Status:	Private
Date Became Current:	20041031
Date Ended Current:	Not reported
Owner/Operator Address:	1 CVS DR
Owner/Operator City,State,Zip:	WOONSOCKET, RI 02895-6146
Owner/Operator Telephone:	401-765-1500
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CVS PHARMACY #0652 (Continued)

1014951284

Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	HOLIDAY CVS LLC
Legal Status:	Private
Date Became Current:	20041031
Date Ended Current:	Not reported
Owner/Operator Address:	1 CVS DR
Owner/Operator City,State,Zip:	WOONSOCKET, RI 28950-6146
Owner/Operator Telephone:	401-765-1500
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	COLE CV ST AUGUSTINE FL LLC
Legal Status:	Private
Date Became Current:	20080627
Date Ended Current:	Not reported
Owner/Operator Address:	2555 E CAMELBACK RD
Owner/Operator City,State,Zip:	PHOENIX, AZ 85016-9256
Owner/Operator Telephone:	602-778-8700
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	HOLIDAY CVS LLC
Legal Status:	Private
Date Became Current:	20080316
Date Ended Current:	Not reported
Owner/Operator Address:	1 CVS DR
Owner/Operator City,State,Zip:	WOONSOCKET, RI 02895-6146
Owner/Operator Telephone:	401-765-1500
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	HOLIDAY CVS LLC
Legal Status:	Private
Date Became Current:	20041031
Date Ended Current:	Not reported
Owner/Operator Address:	1 CVS DR
Owner/Operator City,State,Zip:	WOONSOCKET, RI 28950-6146
Owner/Operator Telephone:	401-765-1500
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	COLE CV ST AUGUSTINE FL LLC
Legal Status:	Private
Date Became Current:	20080627
Date Ended Current:	Not reported
Owner/Operator Address:	2555 E CAMELBACK RD
Owner/Operator City,State,Zip:	PHOENIX, AZ 85016-9256

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CVS PHARMACY #0652 (Continued)

1014951284

Owner/Operator Telephone: 602-778-8700
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:

Receive Date: 20130508
Handler Name: CVS PHARMACY #0652
Federal Waste Generator Description: Small Quantity Generator
State District Owner: FI
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: Not reported
Recognized Trader Exporter: Not reported
Spent Lead Acid Battery Importer: Not reported
Spent Lead Acid Battery Exporter: Not reported
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20120228
Handler Name: CVS PHARMACY #0652
Federal Waste Generator Description: Small Quantity Generator
State District Owner: FI
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20150204
Handler Name: CVS PHARMACY #0652
Federal Waste Generator Description: Conditionally Exempt Small Quantity Generator
State District Owner: FI
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20191021
Handler Name: CVS PHARMACY #0652
Federal Waste Generator Description: Conditionally Exempt Small Quantity Generator
State District Owner: FI
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CVS PHARMACY #0652 (Continued)

1014951284

List of NAICS Codes and Descriptions:

NAICS Code:	446110
NAICS Description:	PHARMACIES AND DRUG STORES
NAICS Code:	812922
NAICS Description:	ONE-HOUR PHOTOFINISHING

Has the Facility Received Notices of Violations:

Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Evaluation Action Summary:

Evaluation Date:	20130508
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE ASSISTANCE VISIT
Evaluation Responsible Person Identifier:	MAJ
Evaluation Responsible Sub-Organization:	NE
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CVS PHARMACY #0652 (Continued)

1014951284

Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

H39
South
< 1/8
0.072 mi.
379 ft.

CVS PHARMACY #0652
57 TUSCAN WAY
ST AUGUSTINE, FL 32092

HAZ WASTE **S130063304**
N/A

Site 2 of 6 in cluster H

Actual:
24 ft.

Focus Map:
5

HAZ WASTE:
Facility ID: 177543
Name: CVS PHARMACY #0652
Address: 57 TUSCAN WAY
City,State,Zip: ST AUGUSTINE, FL 32092
County: ST. JOHNS
Telephone: (904)940-3817
Email: Not reported
Status: A - ACTIVE - WASTE GENERATOR
Generator Status: N - NOT A HAZARDOUS WASTE GENERATOR
EPA ID: NA
Other ID: Not reported
Old Facility ID: Not reported
SIC: 5912 - RETAIL TRADE - DRUGSTORES AND PROPRIETARY STORES
Verified: V - VERIFICATION BY ON-SITE VISIT
Verified Date: 06/07/2015
Hazardous Waste LBS/YEAR: Not reported
Wastes: 0

G40
West
< 1/8
0.084 mi.
445 ft.

AUTOZONE #4479
5465 STATE ROAD 16
ST AUGUSTINE, FL 32092

HAZ WASTE **S130104333**
N/A

Site 5 of 5 in cluster G

Actual:
24 ft.

Focus Map:
5

HAZ WASTE:
Facility ID: 225896
Name: AUTOZONE #4479
Address: 5465 STATE ROAD 16
City,State,Zip: ST AUGUSTINE, FL 32092
County: ST. JOHNS
Telephone: (904)417-9640
Email: deborah.j.williams@autozone.com
Status: P - POTENTIAL GENERATOR
Generator Status: N - NOT A HAZARDOUS WASTE GENERATOR
EPA ID: NA
Other ID: Not reported
Old Facility ID: Not reported
SIC: 0011 - UNKNOWN
Verified: O - PUOCC REPORT RECEIVED
Verified Date: 09/22/2017
Hazardous Waste LBS/YEAR: 0
Wastes: 1

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

41
East
< 1/8
0.088 mi.
465 ft.

SILVEX CORP.
SR 16 8MILES WEST OR I-95
SAINT AUGUSTINE, FL

FI Sites **S100888748**
N/A

Actual:
46 ft.

Focus Map:
9

FL SITES:

Monthly Update: December
Air Contam: Not reported
Soil Contam: Confirmed
Surface Water Contam: Not reported
Ground Water Contam: Confirmed
Warning Letter Status: Not reported
Notice of Violation Status: No
Consent Order Status: No
Admin Hearing Status: No
Court Status: Yes
Final Order Status: No
Cleanup Started: No
Cleanup Completed: No
Deletion Recommended: No
Other: Not reported
District: NORTHEAST
Facility ID: 000034
EPA ID: FLD061919668
Lead Unit: BWC
Support Unit: OGC
Status: ACTIVE
Status Date: 03/29/85
Comments: SEE STATE ACTION SITES LIST IN APPENDIX.

[Click here for Florida Oculus:](#)

I42
NNE
< 1/8
0.093 mi.
489 ft.

CLYDE L LASSEN VETERANS NURSING HOME
4650 SR 16
ST AUGUSTINE, FL 32092

HAZ WASTE **S130063307**
N/A

Site 1 of 2 in cluster I

Actual:
28 ft.

Focus Map:
5

HAZ WASTE:

Facility ID: 177546
Name: CLYDE L LASSEN VETERANS NURSING HOME
Address: 4650 SR 16
City,State,Zip: ST AUGUSTINE, FL 32092
County: ST. JOHNS
Telephone: (904)940-2193
Email: Not reported
Status: A - ACTIVE - WASTE GENERATOR
Generator Status: N - NOT A HAZARDOUS WASTE GENERATOR
EPA ID: NA
Other ID: Not reported
Old Facility ID: Not reported
SIC: 8059 - SERVICES - NURSING AND PERSONAL CARE, NEC
Verified: V - VERIFICATION BY ON-SITE VISIT
Verified Date: 06/07/2015
Hazardous Waste LBS/YEAR: Not reported
Wastes: 0

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

I43
NNE
< 1/8
0.093 mi.
489 ft.

CLYDE E LASSEN STATE VETERANS NURSING HOME
4650 STATE ROAD 16
SAINT AUGUSTINE, FL 32092

Site 2 of 2 in cluster I

AST A100351055
N/A

Actual:
28 ft.
Focus Map:
5

AST:
Facility ID: 9812148
Name: CLYDE E LASSEN STATE VETERANS NURSING HOME
Address: 4650 STATE ROAD 16
City,State,Zip: SAINT AUGUSTINE, FL 32092
Facility Phone: 9048402193
Facility Status: OPEN
Facility Type: G
Type Description: State Government
Depco: P
Region: STATE
Positioning Method: Not reported
Latitude/Longitude: Not reported

Tank:
Tank ID: 1
Tank Capacity: 8000
Tank Location: ABOVEGROUND
Tank Status: U
Status Date: 12/01/2009
Install Date: 12/1/2009
Substance: G
Content Description: Emerg Generator Diesel
Vessel Indicator: TANK
DEP Contractor: P

Piping:
Tank ID: 1
Piping Category: B
Piping Description: Steel/galvanized metal

Tank ID: 1
Piping Category: F
Piping Description: Double wall

Monitoring:
Tank ID: 1
Petro Monitoring Category: Q
Monitoring Description: Visual inspection of ASTs

Tank ID: 1
Petro Monitoring Category: R
Monitoring Description: Monitor tank bottom space

Owner:
Owner ID: 80576
Owner Name: CLYDE E. LASSEN STATE VETERANS NURSING HOME
Owner Address: 4650 STATE ROAD 16
Owner Address 2: Not reported
Owner City,State,Zip: SAINT AUGUSTINE, FL 32092
Owner Contact: LEEROY SALINAS JR
Owner Phone: 9049402193

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CLYDE E LASSEN STATE VETERANS NURSING HOME (Continued)

A100351055

Construction:

Tank ID:	1
Construction Category:	C
Construction Description:	Steel
Tank ID:	1
Construction Category:	I
Construction Description:	Double wall
Tank ID:	1
Construction Category:	M
Construction Description:	Spill containment bucket
Tank ID:	1
Construction Category:	P
Construction Description:	Level gauges/alarms

H44
South
< 1/8
0.096 mi.
507 ft.
MURABELLA CLEANERS
46 TUSCAN WAY
SAINT AUGUSTINE, FL 32092
Site 3 of 6 in cluster H

EDR Hist Cleaner **1020045901**
N/A

Actual: **EDR Hist Cleaner**
24 ft.

Focus Map:	Year:	Name:	Type:
5	2011	MURABELLA CLEANERS	Drycleaning Plants, Except Rugs
	2012	MURABELLA CLEANERS	Drycleaning Plants, Except Rugs
	2013	MURABELLA CLEANERS	Drycleaning Plants, Except Rugs
	2014	MURABELLA CLEANERS	Drycleaning Plants, Except Rugs

H45
South
< 1/8
0.096 mi.
507 ft.
MURABELLA CLEANERS
46 TUSCAN WAY
ST AUGUSTINE, FL 32092
Site 4 of 6 in cluster H

HAZ WASTE **S130063377**
N/A

Actual: **HAZ WASTE:**
24 ft.

Focus Map:	Facility ID:	177624
5	Name:	MURABELLA CLEANERS
	Address:	46 TUSCAN WAY
	City,State,Zip:	ST AUGUSTINE, FL 32092
	County:	ST. JOHNS
	Telephone:	(904)940-0700
	Email:	Not reported
	Status:	A - ACTIVE - WASTE GENERATOR
	Generator Status:	N - NOT A HAZARDOUS WASTE GENERATOR
	EPA ID:	NA
	Other ID:	Not reported
	Old Facility ID:	Not reported
	SIC:	9992 - DRYCLEANER - FLORIDA CASV
	Verified:	V - VERIFICATION BY ON-SITE VISIT
	Verified Date:	06/07/2015
	Hazardous Waste LBS/YEAR:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MURABELLA CLEANERS (Continued)

S130063377

Wastes: 0

J46
South
< 1/8
0.098 mi.
516 ft.

PUBLIX SUPER MARKET #1239
84 TUSCAN WAY
ST AUGUSTINE, FL 32092

RCRA-VSQG 1027096737
FLR000249888

Site 1 of 2 in cluster J

Actual:
24 ft.

Focus Map:
5

RCRA Listings:
Date Form Received by Agency: 20210104
Handler Name: Publix Super Market #1239
Handler Address: 84 TUSCAN WAY
Handler City,State,Zip: ST AUGUSTINE, FL 32092-1831
EPA ID: FLR000249888
Contact Name: BRENDA WILLIAMS
Contact Address: 3300 PUBLIX CORPORATE PKWY
Contact City,State,Zip: LAKELAND, FL 33811-3311
Contact Telephone: 863-688-1188
Contact Fax: Not reported
Contact Email: BRENDA.WILLIAMS@PUBLIX.COM
Contact Title: MGR ENVIRONMENTAL COMPLIANCE
EPA Region: 04
Land Type: Private
Federal Waste Generator Description: Conditionally Exempt Small Quantity Generator
Non-Notifier: Not reported
Biennial Report Cycle: Not reported
Accessibility: Not reported
Active Site Indicator: Handler Activities
State District Owner: FL
State District: NE
Mailing Address: 84 TUSCAN WAY
Mailing City,State,Zip: ST AUGUSTINE, FL 32092-1831
Owner Name: Palm Lakes Pub Ltd
Owner Type: Private
Operator Name: Publix Super Market Inc
Operator Type: Private
Short-Term Generator Activity: No
Importer Activity: No
Mixed Waste Generator: No
Transporter Activity: No
Transfer Facility Activity: No
Recycler Activity with Storage: No
Small Quantity On-Site Burner Exemption: No
Smelting Melting and Refining Furnace Exemption: No
Underground Injection Control: No
Off-Site Waste Receipt: No
Universal Waste Indicator: No
Universal Waste Destination Facility: No
Federal Universal Waste: No
Active Site State-Reg Handler: ---
Federal Facility Indicator: Not reported
Hazardous Secondary Material Indicator: N
Sub-Part K Indicator: Not reported
2018 GPRA Permit Baseline: Not on the Baseline
2018 GPRA Renewals Baseline: Not on the Baseline
202 GPRA Corrective Action Baseline: No
Subject to Corrective Action Universe: No
Non-TSDFs Where RCRA CA has Been Imposed Universe: No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PUBLIX SUPER MARKET #1239 (Continued)

1027096737

Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20230210
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	H

Hazardous Waste Summary:

Waste Code:	D001
Waste Description:	Ignitable Waste
Waste Code:	D002
Waste Description:	Corrosive Waste
Waste Code:	D007
Waste Description:	Chromium
Waste Code:	D009
Waste Description:	Mercury
Waste Code:	D010
Waste Description:	Selenium
Waste Code:	D016
Waste Description:	2,4-D (2,4-Dichlorophenoxyacetic Acid)
Waste Code:	D035
Waste Description:	Methyl Ethyl Ketone
Waste Code:	P001
Waste Description:	2h-1-Benzopyran-2-One, 4-Hydroxy-3-(3-Oxo-1-Phenylbutyl)-, & Salts, When Present At Concentrations Greater Than 0.3% (Or) Warfarin, & Salts, When Present At Concentrations Greater Than 0.3%
Waste Code:	P075
Waste Description:	Nicotine, & Salts (Or) Pyridine, 3-(1-Methyl-2-Pyrrolidinyl)-,(S)-, & Salts

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	PUBLIX SUPER MARKET INC
Legal Status:	Private
Date Became Current:	20090205

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PUBLIX SUPER MARKET #1239 (Continued)

1027096737

Date Ended Current: Not reported
Owner/Operator Address: 3300 PUBLIX CORPORATE PARKWAY
Owner/Operator City,State,Zip: LAKELAND, FL 33811-3311
Owner/Operator Telephone: 863-688-1188
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: PALM LAKES PUB LTD
Legal Status: Private
Date Became Current: 20071228
Date Ended Current: Not reported
Owner/Operator Address: 6675 CORPORATE CENTER PKWY STE
Owner/Operator City,State,Zip: JACKSONVILLE, FL 32216-8079
Owner/Operator Telephone: 904-363-9002
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:

Receive Date: 20210104
Handler Name: PUBLIX SUPER MARKET #1239
Federal Waste Generator Description: Conditionally Exempt Small Quantity Generator
State District Owner: FL
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: No
Electronic Manifest Broker: No

List of NAICS Codes and Descriptions:

NAICS Code: 445110
NAICS Description: SUPERMARKETS AND OTHER GROCERY RETAILERS (EXCEPT CONVENIENCE RETAILERS)

Facility Has Received Notices of Violations:

Violations: No Violations Found

Evaluation Action Summary:

Evaluations: No Evaluations Found

Map ID
Direction
Distance
Elevation

MAP FINDINGS

EDR ID Number
EPA ID Number

J47
South
< 1/8
0.098 mi.
516 ft.
PUBLIX #1239
84 TUSCAN WAY
ST AUGUSTINE, FL 32092
Site 2 of 2 in cluster J

HAZ WASTE **S130063303**
N/A

Actual: HAZ WASTE:
24 ft. Facility ID: 177542
Focus Map: Name: PUBLIX #1239
5 Address: 84 TUSCAN WAY
City,State,Zip: ST AUGUSTINE, FL 32092
County: ST. JOHNS
Telephone: (904)940-2889
Email: Not reported
Status: A - ACTIVE - WASTE GENERATOR
Generator Status: N - NOT A HAZARDOUS WASTE GENERATOR
EPA ID: NA
Other ID: Not reported
Old Facility ID: Not reported
SIC: 5411 - RETAIL TRADE - GROCERY STORES
Verified: V - VERIFICATION BY ON-SITE VISIT
Verified Date: 06/07/2015
Hazardous Waste LBS/YEAR: Not reported
Wastes: 0

H48
South
< 1/8
0.100 mi.
526 ft.
FLAGLER AFTER HOURS CARE
52 TUSCAN WAY STE 203
ST AUGUSTINE, FL 32092
Site 5 of 6 in cluster H

HAZ WASTE **S130063309**
N/A

Actual: HAZ WASTE:
24 ft. Facility ID: 177548
Focus Map: Name: FLAGLER AFTER HOURS CARE
5 Address: 52 TUSCAN WAY STE 203
City,State,Zip: ST AUGUSTINE, FL 32092
County: ST. JOHNS
Telephone: (904)940-7750
Email: Not reported
Status: A - ACTIVE - WASTE GENERATOR
Generator Status: N - NOT A HAZARDOUS WASTE GENERATOR
EPA ID: NA
Other ID: Not reported
Old Facility ID: Not reported
SIC: 8011 - SERVICES - OFFICES AND CLINICS OF MEDICAL DOCTORS
Verified: V - VERIFICATION BY ON-SITE VISIT
Verified Date: 06/07/2015
Hazardous Waste LBS/YEAR: Not reported
Wastes: 0

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

H49
South
< 1/8
0.100 mi.
526 ft.
FLAGLER FAMILY MEDICINE & WELLNESS
52 TUSCAN WAY STE 205
ST AUGUSTINE, FL 32092
Site 6 of 6 in cluster H

HAZ WASTE **S130063310**
N/A

Actual: HAZ WASTE:
24 ft. Facility ID: 177549
Focus Map: Name: FLAGLER FAMILY MEDICINE & WELLNESS
5 Address: 52 TUSCAN WAY STE 205
City,State,Zip: ST AUGUSTINE, FL 32092
County: ST. JOHNS
Telephone: (999)999-9999
Email: Not reported
Status: A - ACTIVE - WASTE GENERATOR
Generator Status: N - NOT A HAZARDOUS WASTE GENERATOR
EPA ID: NA
Other ID: Not reported
Old Facility ID: Not reported
SIC: 8011 - SERVICES - OFFICES AND CLINICS OF MEDICAL DOCTORS
Verified: V - VERIFICATION BY ON-SITE VISIT
Verified Date: 06/07/2015
Hazardous Waste LBS/YEAR: Not reported
Wastes: 0

50
ESE
< 1/8
0.118 mi.
621 ft.
SHELL-FIRST COAST ENERGY #1026
2355 HWY SR 16
SAINT AUGUSTINE, FL 32084

LUST **U003656328**
UST **N/A**
CLEANUP SITES
DWM CONTAM

Actual: LUST:
47 ft. Name: SHELL-FIRST COAST ENERGY #1026
Focus Map: Address: 2355 HWY SR 16
9 City,State,Zip: SAINT AUGUSTINE, FL 32084
Region: STATE
Facility Id: 8515998
Facility Status: OPEN
Facility Type: A - Retail Station
Facility Phone: (904)596-3200
Facility Cleanup Rank: 12937
District: Northeast District
Lat/Long (dms): 29 54 59.5311000 / 81 24 35.7683000
Section: Not reported
Township: Not reported
Range: Not reported
Feature: Not reported
Method: AGPS
Datum: 0
Score: 10
Score Effective Date: 2013-02-27 00:00:00
Score When Ranked: 6
Operator: ENVIRONMENTAL DIRECTOR
Name Update: 2006-06-26 00:00:00
Address Update: 2022-11-15 00:00:00

Petroleum Cleanup PCT Facility Score:

Facility Cleanup Status: ONGO - ONGOING
Contact: KEVIN KUSMIREK / ENVIRONMENTAL DEPARTMENT
Contact Company: FIRST COAST ENERGY LLP

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SHELL-FIRST COAST ENERGY #1026 (Continued)

U003656328

Contact Address: 6867 SOUTHPOINT DR N
Contact City/State/Zip: Jacksonville, FL 32216
Phone: (904)596-3242
Bad Address Ind: N
State: FL
Zip: 32084
Score: 10
Score Effective Date: 2013-02-27 00:00:00
Related Party ID: 45875
Primary RP Role: ACCOUNT OWNER
RP Begin Date: 1997-05-23
RP Zip: 6940
RP Extension: Not reported

Discharge Cleanup Summary:

Discharge Date: 1/3/1995
PCT Discharge Combined: Not reported
Cleanup Required: R - CLEANUP REQUIRED
Discharge Cleanup Status: RA - RA ONGOING
Disch Cleanup Status Date: 3/10/2023
Cleanup Work Status: ACTIVE
Information Source: D - DISCHARGE NOTIFICATION
Other Source Description: Not reported
Eligibility Indicator: E - ELIGIBLE
Site Manager: PHILLIPS_JD
Site Mgr End Date: Not reported
Tank Office: PCLP16 - CITY OF JAX NEIGHBORHOODS DEPT ENVIRO QUAL DIV
Discharge Date: 1/15/1996
PCT Discharge Combined: Not reported
Cleanup Required: R - CLEANUP REQUIRED
Discharge Cleanup Status: INEL - INELIGIBLE FOR CLEANUP ASSISTANCE
Disch Cleanup Status Date: 6/19/1996
Cleanup Work Status: ACTIVE
Information Source: D - DISCHARGE NOTIFICATION
Other Source Description: Not reported
Eligibility Indicator: I - INELIGIBLE
Site Manager: PHILLIPS_JD
Site Mgr End Date: Not reported
Tank Office: PCLP16 - CITY OF JAX NEIGHBORHOODS DEPT ENVIRO QUAL DIV

Petroleum Cleanup Program Eligibility:

Facility ID: 8515998
Discharge Date: 1/3/1995
Pct Discharge Combined With: Not reported
Cleanup Required: R - CLEANUP REQUIRED
Discharge Cleanup Status: RA - RA ONGOING
Disch Cleanup Status Date: 3/10/2023
Cleanup Work Status: ACTIVE
Information Source: D - DISCHARGE NOTIFICATION
Other Source Description: Not reported
Application Received Date: 1995-12-04 00:00:00
Cleanup Program: P - PETROLEUM LIABILITY AND RESTORATION INSURANCE PROGRAM
Eligibility Status: 1995-12-08 00:00:00
Elig Status Date: 1995-12-08 00:00:00
Letter Of Intent Date: 1995-02-09 00:00:00
Redetermined: No
Inspection Date: 1995-01-05 00:00:00

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SHELL-FIRST COAST ENERGY #1026 (Continued)

U003656328

Site Manager:	PHILLIPS_JD
Site Mgr End Date:	Not reported
Tank Office:	PCLP16 - CITY OF JAX NEIGHBORHOODS DEPT ENVIRO QUAL DIV
Deductible Amount:	10000
Deductible Paid To Date:	0
Co-Pay Amount:	0
Co-Pay Paid To Date:	0
Cap Amount:	400000
Facility ID:	8515998
Discharge Date:	1/15/1996
Pct Discharge Combined With:	Not reported
Cleanup Required:	R - CLEANUP REQUIRED
Discharge Cleanup Status:	INEL - INELIGIBLE FOR CLEANUP ASSISTANCE
Disch Cleanup Status Date:	6/19/1996
Cleanup Work Status:	INACTIVE
Information Source:	D - DISCHARGE NOTIFICATION
Other Source Description:	Not reported
Application Received Date:	1996-06-07 00:00:00
Cleanup Program:	P - PETROLEUM LIABILITY AND RESTORATION INSURANCE PROGRAM
Eligibility Status:	1996-06-19 00:00:00
Elig Status Date:	1996-06-19 00:00:00
Letter Of Intent Date:	1996-06-07 00:00:00
Redetermined:	No
Inspection Date:	1996-05-31 00:00:00
Site Manager:	PHILLIPS_JD
Site Mgr End Date:	Not reported
Tank Office:	PCLP16 - CITY OF JAX NEIGHBORHOODS DEPT ENVIRO QUAL DIV
Deductible Amount:	Not reported
Deductible Paid To Date:	Not reported
Co-Pay Amount:	Not reported
Co-Pay Paid To Date:	Not reported
Cap Amount:	Not reported
Contaminated Media:	
Discharge Date:	1/3/1995
Pct Discharge Combined With:	Not reported
Cleanup Required:	R - CLEANUP REQUIRED
Discharge Cleanup Status:	RA - RA ONGOING
Disch Cleanup Status Date:	3/10/2023
Cleanup Work Status:	ACTIVE
Information Source:	D - DISCHARGE NOTIFICATION
Other Source Description:	Not reported
Elig Indicator:	E - ELIGIBLE
Site Manager:	PHILLIPS_JD
Site Mgr End Date:	Not reported
Tank Office:	PCLP16 - CITY OF JAX NEIGHBORH
Contaminated Drinking Wells:	0
Contaminated Monitoring Well:	No
Contaminated Soil:	Yes
Contaminated Surface Water:	No
Contaminated Ground Water:	No
Pollutant:	B - Unleaded Gas
Pollutant Other Description:	Not reported
Gallons Discharged:	Not reported
Discharge Date:	1/15/1996
Pct Discharge Combined With:	Not reported
Cleanup Required:	R - CLEANUP REQUIRED
Discharge Cleanup Status:	INEL - INELIGIBLE FOR CLEANUP ASSISTANCE

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SHELL-FIRST COAST ENERGY #1026 (Continued)

U003656328

Disch Cleanup Status Date: 6/19/1996
Cleanup Work Status: INACTIVE
Information Source: D - DISCHARGE NOTIFICATION
Other Source Description: Not reported
Elig Indicator: I - INELIGIBLE
Site Manager: PHILLIPS_JD
Site Mgr End Date: Not reported
Tank Office: PCLP16 - CITY OF JAX NEIGHBORH
Contaminated Drinking Wells: Not reported
Contaminated Monitoring Well: Not reported
Contaminated Soil: Not reported
Contaminated Surface Water: Not reported
Contaminated Ground Water: Not reported
Pollutant: M - Fuel Oil - Onsite Heat
Pollutant Other Description: Not reported
Gallons Discharged: Not reported

Task Information:

District: NED
Facility ID: 8515998
Facility Status: OPEN
Facility Type: A - Retail Station -
County: ST. JOHNS
County ID: 55
Cleanup Eligibility Status: E
Source Effective Date: Not reported
Discharge Date: 01-03-1995
Cleanup Required: R - CLEANUP REQUIRED
Discharge Cleanup Status: SA - SA ONGOING
Disch Cleanup Status Date: 02-04-2015
SRC Action Type: -
SRC Submit Date: Not reported
SRC Review Date: Not reported
SRC Completion Status: -
SRC Issue Date: Not reported
SRC Comment: Not reported
Cleanup Work Status: INACTIVE
Site Mgr: MOLOSKY_V
Site Mgr End Date: 05-14-2015
Tank Office: PCTM5 - Team 5
SR Task ID: Not reported
SR Cleanup Responsible: -
SR Funding Eligibility Type: -
SR Actual Cost: Not reported
SR Completion Date: Not reported
SR Payment Date: Not reported
SR Oral Date: Not reported
SR Written Date: Not reported
SR Soil Removal: Not reported
SR Free Product Removal: Not reported
SR Soil Tonnage Removed: Not reported
SR Soil Treatment: Not reported
SR Other Treatment: Not reported
SR Alternate Proc Received Date: Not reported
SR Alternate Procedure Status: Not reported
SR Alternate Procedure Status Date: Not reported
SR Alternate Procedure Comments: Not reported
SA Task ID: 91739

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SHELL-FIRST COAST ENERGY #1026 (Continued)

U003656328

SA Cleanup Responsible: -
SA Funding Eligibility Type: -
SA Actual Cost: Not reported
SA Completion Date: Not reported
SA Payment Date: Not reported
RAP Task ID: Not reported
RAP Cleanup Responsible ID: -
RAP Funding Eligibility Type: -
RAP Actual Cost: Not reported
RAP Completion Date: Not reported
RAP Payment Date: Not reported
RAP Last Order Approved: Not reported
RA Task ID: Not reported
RA Cleanup Responsible: -
RA Funding Eligibility Type: -
RA Years to Complete: Not reported
RA Actual Cost: Not reported
District: NED
Facility ID: 8515998
Facility Status: OPEN
Facility Type: A - Retail Station -
County: ST. JOHNS
County ID: 55
Cleanup Eligibility Status: I
Source Effective Date: Not reported
Discharge Date: 01-15-1996
Cleanup Required: C - COMBINED CLEANUP REQUIRED
Discharge Cleanup Status: INEL - INELIGIBLE FOR CLEANUP ASSISTANCE
Disch Cleanup Status Date: 06-19-1996
SRC Action Type: -
SRC Submit Date: Not reported
SRC Review Date: Not reported
SRC Completion Status: -
SRC Issue Date: Not reported
SRC Comment: Not reported
Cleanup Work Status: COMBINED
Site Mgr: Not reported
Site Mgr End Date: Not reported
Tank Office: -
SR Task ID: Not reported
SR Cleanup Responsible: -
SR Funding Eligibility Type: -
SR Actual Cost: Not reported
SR Completion Date: Not reported
SR Payment Date: Not reported
SR Oral Date: Not reported
SR Written Date: Not reported
SR Soil Removal: Not reported
SR Free Product Removal: Not reported
SR Soil Tonnage Removed: Not reported
SR Soil Treatment: Not reported
SR Other Treatment: Not reported
SR Alternate Proc Received Date: Not reported
SR Alternate Procedure Status: Not reported
SR Alternate Procedure Status Date: Not reported
SR Alternate Procedure Comments: Not reported
SA Task ID: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SHELL-FIRST COAST ENERGY #1026 (Continued)

U003656328

SA Cleanup Responsible:	-
SA Funding Eligibility Type:	-
SA Actual Cost:	Not reported
SA Completion Date:	Not reported
SA Payment Date:	Not reported
RAP Task ID:	Not reported
RAP Cleanup Responsible ID:	-
RAP Funding Eligibility Type:	-
RAP Actual Cost:	Not reported
RAP Completion Date:	Not reported
RAP Payment Date:	Not reported
RAP Last Order Approved:	Not reported
RA Task ID:	Not reported
RA Cleanup Responsible:	-
RA Funding Eligibility Type:	-
RA Years to Complete:	Not reported
RA Actual Cost:	Not reported

[Click here for Florida Oculus:](#)

UST:

Facility ID:	8515998
Name:	SHELL-FIRST COAST ENERGY #1026
Address:	2355 HWY SR 16
City,State,Zip:	SAINT AUGUSTINE, FL 32084
Facility Phone:	9045963200
Facility Status:	OPEN
Facility Type:	A
Type Description:	Retail Station
Depco:	C
Region:	STATE
Positioning Method:	AGPS
Latitude/Longitude:	29 54 57 / 81 24 36

UST:

Tank ID:	2
Tank Capacity:	10152
Tank Location:	UNDERGROUND
Tank Status:	B
Status Date:	Not reported
Install Date:	7/1/1967
Substance:	A
Content Description:	Leaded Gas
Vessel Indicator:	TANK
DEP Contractor:	C

Owner:

Owner ID:	45875
Owner Name:	FIRST COAST ENERGY LLP
Owner Address:	6867 SOUTHPOINT DR N
Owner Address 2:	ATTN: KEVIN KUSMIREK
Owner City,State,Zip:	Jacksonville, FL 32216
Owner Contact:	KEVIN KUSMIREK / ENVIRONMENTAL DEPARTMENT
Owner Phone:	9045963242

Construction:

Tank ID:	5

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SHELL-FIRST COAST ENERGY #1026 (Continued)

U003656328

Construction Category:	E
Construction Description:	Fiberglass
Tank ID:	5
Construction Category:	M
Construction Description:	Spill containment bucket
Tank ID:	5
Construction Category:	N
Construction Description:	Flow shut-Off
Tank ID:	5
Construction Category:	O
Construction Description:	Tight fill
Tank ID:	5
Construction Category:	I
Construction Description:	Double wall
Tank ID:	5
Construction Category:	B
Construction Description:	Internal lining
Tank ID:	6
Construction Category:	E
Construction Description:	Fiberglass
Tank ID:	6
Construction Category:	M
Construction Description:	Spill containment bucket
Tank ID:	6
Construction Category:	N
Construction Description:	Flow shut-Off
Tank ID:	6
Construction Category:	O
Construction Description:	Tight fill
Tank ID:	6
Construction Category:	L
Construction Description:	Compartmented
Tank ID:	6
Construction Category:	I
Construction Description:	Double wall

Piping:

Tank ID:	5
Piping Category:	C
Piping Description:	Fiberglass
Tank ID:	5
Piping Category:	F
Piping Description:	Double wall
Tank ID:	5

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SHELL-FIRST COAST ENERGY #1026 (Continued)

U003656328

Piping Category: J
Piping Description: Pressurized piping system

Tank ID: 5
Piping Category: K
Piping Description: Dispenser liners

Tank ID: 6
Piping Category: C
Piping Description: Fiberglass

Tank ID: 6
Piping Category: F
Piping Description: Double wall

Tank ID: 6
Piping Category: J
Piping Description: Pressurized piping system

Tank ID: 6
Piping Category: K
Piping Description: Dispenser liners

Monitoring:
Tank ID: 5
Petro Monitoring Category: F
Monitoring Description: Monitor dbl wall tank space

Tank ID: 5
Petro Monitoring Category: L
Monitoring Description: Automatic tank gauging - USTs

Tank ID: 5
Petro Monitoring Category: H
Monitoring Description: Mechanical line leak detector

Tank ID: 5
Petro Monitoring Category: K
Monitoring Description: Monitor dbl wall pipe space

Tank ID: 5
Petro Monitoring Category: 3
Monitoring Description: Electronic monitor pipe sumps

Tank ID: 5
Petro Monitoring Category: 4
Monitoring Description: Visual inspect dispenser liners

Tank ID: 6
Petro Monitoring Category: F
Monitoring Description: Monitor dbl wall tank space

Tank ID: 6
Petro Monitoring Category: L
Monitoring Description: Automatic tank gauging - USTs

Tank ID: 6

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SHELL-FIRST COAST ENERGY #1026 (Continued)

U003656328

Petro Monitoring Category: H
Monitoring Description: Mechanical line leak detector

Tank ID: 6
Petro Monitoring Category: K
Monitoring Description: Monitor dbl wall pipe space

Tank ID: 6
Petro Monitoring Category: 3
Monitoring Description: Electronic monitor pipe sumps

Tank ID: 6
Petro Monitoring Category: 4
Monitoring Description: Visual inspect dispenser liners

Tank ID: Not reported
Tank Capacity: 9728
Tank Location: UNDERGROUND
Tank Status: B
Status Date: 06/01/2008
Install Date: 9/1/1985
Substance: B
Content Description: Unleaded Gas
Vessel Indicator: TANK
DEP Contractor: C

Owner:

Owner ID: 45875
Owner Name: FIRST COAST ENERGY LLP
Owner Address: 6867 SOUTHPOINT DR N
Owner Address 2: ATTN: KEVIN KUSMIREK
Owner City,State,Zip: Jacksonville, FL 32216
Owner Contact: KEVIN KUSMIREK / ENVIRONMENTAL DEPARTMENT
Owner Phone: 9045963242

Construction:

Tank ID: 5
Construction Category: E
Construction Description: Fiberglass

Tank ID: 5
Construction Category: M
Construction Description: Spill containment bucket

Tank ID: 5
Construction Category: N
Construction Description: Flow shut-Off

Tank ID: 5
Construction Category: O
Construction Description: Tight fill

Tank ID: 5
Construction Category: I
Construction Description: Double wall

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SHELL-FIRST COAST ENERGY #1026 (Continued)

U003656328

Tank ID: 5
Construction Category: B
Construction Description: Internal lining

Tank ID: 6
Construction Category: E
Construction Description: Fiberglass

Tank ID: 6
Construction Category: M
Construction Description: Spill containment bucket

Tank ID: 6
Construction Category: N
Construction Description: Flow shut-Off

Tank ID: 6
Construction Category: O
Construction Description: Tight fill

Tank ID: 6
Construction Category: L
Construction Description: Compartmented

Tank ID: 6
Construction Category: I
Construction Description: Double wall

Piping:

Tank ID: 5
Piping Category: C
Piping Description: Fiberglass

Tank ID: 5
Piping Category: F
Piping Description: Double wall

Tank ID: 5
Piping Category: J
Piping Description: Pressurized piping system

Tank ID: 5
Piping Category: K
Piping Description: Dispenser liners

Tank ID: 6
Piping Category: C
Piping Description: Fiberglass

Tank ID: 6
Piping Category: F
Piping Description: Double wall

Tank ID: 6
Piping Category: J
Piping Description: Pressurized piping system

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SHELL-FIRST COAST ENERGY #1026 (Continued)

U003656328

Tank ID:	6
Piping Category:	K
Piping Description:	Dispenser liners
Monitoring:	
Tank ID:	5
Petro Monitoring Category:	F
Monitoring Description:	Monitor dbl wall tank space
Tank ID:	5
Petro Monitoring Category:	L
Monitoring Description:	Automatic tank gauging - USTs
Tank ID:	5
Petro Monitoring Category:	H
Monitoring Description:	Mechanical line leak detector
Tank ID:	5
Petro Monitoring Category:	K
Monitoring Description:	Monitor dbl wall pipe space
Tank ID:	5
Petro Monitoring Category:	3
Monitoring Description:	Electronic monitor pipe sumps
Tank ID:	5
Petro Monitoring Category:	4
Monitoring Description:	Visual inspect dispenser liners
Tank ID:	6
Petro Monitoring Category:	F
Monitoring Description:	Monitor dbl wall tank space
Tank ID:	6
Petro Monitoring Category:	L
Monitoring Description:	Automatic tank gauging - USTs
Tank ID:	6
Petro Monitoring Category:	H
Monitoring Description:	Mechanical line leak detector
Tank ID:	6
Petro Monitoring Category:	K
Monitoring Description:	Monitor dbl wall pipe space
Tank ID:	6
Petro Monitoring Category:	3
Monitoring Description:	Electronic monitor pipe sumps
Tank ID:	6
Petro Monitoring Category:	4
Monitoring Description:	Visual inspect dispenser liners
Tank ID:	3
Tank Capacity:	5830
Tank Location:	UNDERGROUND

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SHELL-FIRST COAST ENERGY #1026 (Continued)

U003656328

Tank Status: B
Status Date: Not reported
Install Date: 7/1/1970
Substance: B
Content Description: Unleaded Gas
Vessel Indicator: TANK
DEP Contractor: C

Owner:

Owner ID: 45875
Owner Name: FIRST COAST ENERGY LLP
Owner Address: 6867 SOUTHPOINT DR N
Owner Address 2: ATTN: KEVIN KUSMIREK
Owner City,State,Zip: Jacksonville, FL 32216
Owner Contact: KEVIN KUSMIREK / ENVIRONMENTAL DEPARTMENT
Owner Phone: 9045963242

Construction:

Tank ID: 5
Construction Category: E
Construction Description: Fiberglass

Tank ID: 5
Construction Category: M
Construction Description: Spill containment bucket

Tank ID: 5
Construction Category: N
Construction Description: Flow shut-Off

Tank ID: 5
Construction Category: O
Construction Description: Tight fill

Tank ID: 5
Construction Category: I
Construction Description: Double wall

Tank ID: 5
Construction Category: B
Construction Description: Internal lining

Tank ID: 6
Construction Category: E
Construction Description: Fiberglass

Tank ID: 6
Construction Category: M
Construction Description: Spill containment bucket

Tank ID: 6
Construction Category: N
Construction Description: Flow shut-Off

Tank ID: 6
Construction Category: O
Construction Description: Tight fill

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SHELL-FIRST COAST ENERGY #1026 (Continued)

U003656328

Tank ID: 6
Construction Category: L
Construction Description: Compartmented

Tank ID: 6
Construction Category: I
Construction Description: Double wall

Piping:

Tank ID: 5
Piping Category: C
Piping Description: Fiberglass

Tank ID: 5
Piping Category: F
Piping Description: Double wall

Tank ID: 5
Piping Category: J
Piping Description: Pressurized piping system

Tank ID: 5
Piping Category: K
Piping Description: Dispenser liners

Tank ID: 6
Piping Category: C
Piping Description: Fiberglass

Tank ID: 6
Piping Category: F
Piping Description: Double wall

Tank ID: 6
Piping Category: J
Piping Description: Pressurized piping system

Tank ID: 6
Piping Category: K
Piping Description: Dispenser liners

Monitoring:

Tank ID: 5
Petro Monitoring Category: F
Monitoring Description: Monitor dbl wall tank space

Tank ID: 5
Petro Monitoring Category: L
Monitoring Description: Automatic tank gauging - USTs

Tank ID: 5
Petro Monitoring Category: H
Monitoring Description: Mechanical line leak detector

Tank ID: 5
Petro Monitoring Category: K

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SHELL-FIRST COAST ENERGY #1026 (Continued)

U003656328

Monitoring Description:	Monitor dbl wall pipe space
Tank ID:	5
Petro Monitoring Category:	3
Monitoring Description:	Electronic monitor pipe sumps
Tank ID:	5
Petro Monitoring Category:	4
Monitoring Description:	Visual inspect dispenser liners
Tank ID:	6
Petro Monitoring Category:	F
Monitoring Description:	Monitor dbl wall tank space
Tank ID:	6
Petro Monitoring Category:	L
Monitoring Description:	Automatic tank gauging - USTs
Tank ID:	6
Petro Monitoring Category:	H
Monitoring Description:	Mechanical line leak detector
Tank ID:	6
Petro Monitoring Category:	K
Monitoring Description:	Monitor dbl wall pipe space
Tank ID:	6
Petro Monitoring Category:	3
Monitoring Description:	Electronic monitor pipe sumps
Tank ID:	6
Petro Monitoring Category:	4
Monitoring Description:	Visual inspect dispenser liners
Tank ID:	Not reported
Tank Capacity:	9728
Tank Location:	UNDERGROUND
Tank Status:	B
Status Date:	06/01/2008
Install Date:	9/1/1985
Substance:	B
Content Description:	Unleaded Gas
Vessel Indicator:	TANK
DEP Contractor:	C
Owner:	
Owner ID:	45875
Owner Name:	FIRST COAST ENERGY LLP
Owner Address:	6867 SOUTHPOINT DR N
Owner Address 2:	ATTN: KEVIN KUSMIREK
Owner City,State,Zip:	Jacksonville, FL 32216
Owner Contact:	KEVIN KUSMIREK / ENVIRONMENTAL DEPARTMENT
Owner Phone:	9045963242
Construction:	
Tank ID:	5

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SHELL-FIRST COAST ENERGY #1026 (Continued)

U003656328

Construction Category:	E
Construction Description:	Fiberglass
Tank ID:	5
Construction Category:	M
Construction Description:	Spill containment bucket
Tank ID:	5
Construction Category:	N
Construction Description:	Flow shut-Off
Tank ID:	5
Construction Category:	O
Construction Description:	Tight fill
Tank ID:	5
Construction Category:	I
Construction Description:	Double wall
Tank ID:	5
Construction Category:	B
Construction Description:	Internal lining
Tank ID:	6
Construction Category:	E
Construction Description:	Fiberglass
Tank ID:	6
Construction Category:	M
Construction Description:	Spill containment bucket
Tank ID:	6
Construction Category:	N
Construction Description:	Flow shut-Off
Tank ID:	6
Construction Category:	O
Construction Description:	Tight fill
Tank ID:	6
Construction Category:	L
Construction Description:	Compartmented
Tank ID:	6
Construction Category:	I
Construction Description:	Double wall
Piping:	
Tank ID:	5
Piping Category:	C
Piping Description:	Fiberglass
Tank ID:	5
Piping Category:	F
Piping Description:	Double wall
Tank ID:	5

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SHELL-FIRST COAST ENERGY #1026 (Continued)

U003656328

Piping Category: J
Piping Description: Pressurized piping system

Tank ID: 5
Piping Category: K
Piping Description: Dispenser liners

Tank ID: 6
Piping Category: C
Piping Description: Fiberglass

Tank ID: 6
Piping Category: F
Piping Description: Double wall

Tank ID: 6
Piping Category: J
Piping Description: Pressurized piping system

Tank ID: 6
Piping Category: K
Piping Description: Dispenser liners

Monitoring:
Tank ID: 5
Petro Monitoring Category: F
Monitoring Description: Monitor dbl wall tank space

Tank ID: 5
Petro Monitoring Category: L
Monitoring Description: Automatic tank gauging - USTs

Tank ID: 5
Petro Monitoring Category: H
Monitoring Description: Mechanical line leak detector

Tank ID: 5
Petro Monitoring Category: K
Monitoring Description: Monitor dbl wall pipe space

Tank ID: 5
Petro Monitoring Category: 3
Monitoring Description: Electronic monitor pipe sumps

Tank ID: 5
Petro Monitoring Category: 4
Monitoring Description: Visual inspect dispenser liners

Tank ID: 6
Petro Monitoring Category: F
Monitoring Description: Monitor dbl wall tank space

Tank ID: 6
Petro Monitoring Category: L
Monitoring Description: Automatic tank gauging - USTs

Tank ID: 6

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SHELL-FIRST COAST ENERGY #1026 (Continued)

U003656328

Petro Monitoring Category: H
Monitoring Description: Mechanical line leak detector

Tank ID: 6
Petro Monitoring Category: K
Monitoring Description: Monitor dbl wall pipe space

Tank ID: 6
Petro Monitoring Category: 3
Monitoring Description: Electronic monitor pipe sumps

Tank ID: 6
Petro Monitoring Category: 4
Monitoring Description: Visual inspect dispenser liners

Tank ID: 6
Tank Capacity: 15000
Tank Location: UNDERGROUND
Tank Status: U
Status Date: 06/01/2008
Install Date: 6/1/2008
Substance: B
Content Description: Unleaded Gas
Vessel Indicator: TANK
DEP Contractor: C

Owner:

Owner ID: 45875
Owner Name: FIRST COAST ENERGY LLP
Owner Address: 6867 SOUTHPOINT DR N
Owner Address 2: ATTN: KEVIN KUSMIREK
Owner City,State,Zip: Jacksonville, FL 32216
Owner Contact: KEVIN KUSMIREK / ENVIRONMENTAL DEPARTMENT
Owner Phone: 9045963242

Construction:

Tank ID: 5
Construction Category: E
Construction Description: Fiberglass

Tank ID: 5
Construction Category: M
Construction Description: Spill containment bucket

Tank ID: 5
Construction Category: N
Construction Description: Flow shut-Off

Tank ID: 5
Construction Category: O
Construction Description: Tight fill

Tank ID: 5
Construction Category: I
Construction Description: Double wall

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SHELL-FIRST COAST ENERGY #1026 (Continued)

U003656328

Tank ID: 5
Construction Category: B
Construction Description: Internal lining

Tank ID: 6
Construction Category: E
Construction Description: Fiberglass

Tank ID: 6
Construction Category: M
Construction Description: Spill containment bucket

Tank ID: 6
Construction Category: N
Construction Description: Flow shut-Off

Tank ID: 6
Construction Category: O
Construction Description: Tight fill

Tank ID: 6
Construction Category: L
Construction Description: Compartmented

Tank ID: 6
Construction Category: I
Construction Description: Double wall

Piping:

Tank ID: 5
Piping Category: C
Piping Description: Fiberglass

Tank ID: 5
Piping Category: F
Piping Description: Double wall

Tank ID: 5
Piping Category: J
Piping Description: Pressurized piping system

Tank ID: 5
Piping Category: K
Piping Description: Dispenser liners

Tank ID: 6
Piping Category: C
Piping Description: Fiberglass

Tank ID: 6
Piping Category: F
Piping Description: Double wall

Tank ID: 6
Piping Category: J
Piping Description: Pressurized piping system

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SHELL-FIRST COAST ENERGY #1026 (Continued)

U003656328

Tank ID: 6
Piping Category: K
Piping Description: Dispenser liners

Monitoring:
Tank ID: 5
Petro Monitoring Category: F
Monitoring Description: Monitor dbl wall tank space

Tank ID: 5
Petro Monitoring Category: L
Monitoring Description: Automatic tank gauging - USTs

Tank ID: 5
Petro Monitoring Category: H
Monitoring Description: Mechanical line leak detector

Tank ID: 5
Petro Monitoring Category: K
Monitoring Description: Monitor dbl wall pipe space

Tank ID: 5
Petro Monitoring Category: 3
Monitoring Description: Electronic monitor pipe sumps

Tank ID: 5
Petro Monitoring Category: 4
Monitoring Description: Visual inspect dispenser liners

Tank ID: 6
Petro Monitoring Category: F
Monitoring Description: Monitor dbl wall tank space

Tank ID: 6
Petro Monitoring Category: L
Monitoring Description: Automatic tank gauging - USTs

Tank ID: 6
Petro Monitoring Category: H
Monitoring Description: Mechanical line leak detector

Tank ID: 6
Petro Monitoring Category: K
Monitoring Description: Monitor dbl wall pipe space

Tank ID: 6
Petro Monitoring Category: 3
Monitoring Description: Electronic monitor pipe sumps

Tank ID: 6
Petro Monitoring Category: 4
Monitoring Description: Visual inspect dispenser liners

Tank ID: Not reported
Tank Capacity: 9728
Tank Location: UNDERGROUND

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SHELL-FIRST COAST ENERGY #1026 (Continued)

U003656328

Tank Status: B
Status Date: 06/01/2008
Install Date: 9/1/1985
Substance: B
Content Description: Unleaded Gas
Vessel Indicator: TANK
DEP Contractor: C

Owner:

Owner ID: 45875
Owner Name: FIRST COAST ENERGY LLP
Owner Address: 6867 SOUTHPOINT DR N
Owner Address 2: ATTN: KEVIN KUSMIREK
Owner City,State,Zip: Jacksonville, FL 32216
Owner Contact: KEVIN KUSMIREK / ENVIRONMENTAL DEPARTMENT
Owner Phone: 9045963242

Construction:

Tank ID: 5
Construction Category: E
Construction Description: Fiberglass

Tank ID: 5
Construction Category: M
Construction Description: Spill containment bucket

Tank ID: 5
Construction Category: N
Construction Description: Flow shut-Off

Tank ID: 5
Construction Category: O
Construction Description: Tight fill

Tank ID: 5
Construction Category: I
Construction Description: Double wall

Tank ID: 5
Construction Category: B
Construction Description: Internal lining

Tank ID: 6
Construction Category: E
Construction Description: Fiberglass

Tank ID: 6
Construction Category: M
Construction Description: Spill containment bucket

Tank ID: 6
Construction Category: N
Construction Description: Flow shut-Off

Tank ID: 6
Construction Category: O
Construction Description: Tight fill

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SHELL-FIRST COAST ENERGY #1026 (Continued)

U003656328

Tank ID: 6
Construction Category: L
Construction Description: Compartmented

Tank ID: 6
Construction Category: I
Construction Description: Double wall

Piping:

Tank ID: 5
Piping Category: C
Piping Description: Fiberglass

Tank ID: 5
Piping Category: F
Piping Description: Double wall

Tank ID: 5
Piping Category: J
Piping Description: Pressurized piping system

Tank ID: 5
Piping Category: K
Piping Description: Dispenser liners

Tank ID: 6
Piping Category: C
Piping Description: Fiberglass

Tank ID: 6
Piping Category: F
Piping Description: Double wall

Tank ID: 6
Piping Category: J
Piping Description: Pressurized piping system

Tank ID: 6
Piping Category: K
Piping Description: Dispenser liners

Monitoring:

Tank ID: 5
Petro Monitoring Category: F
Monitoring Description: Monitor dbl wall tank space

Tank ID: 5
Petro Monitoring Category: L
Monitoring Description: Automatic tank gauging - USTs

Tank ID: 5
Petro Monitoring Category: H
Monitoring Description: Mechanical line leak detector

Tank ID: 5
Petro Monitoring Category: K

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SHELL-FIRST COAST ENERGY #1026 (Continued)

U003656328

Monitoring Description:	Monitor dbl wall pipe space
Tank ID:	5
Petro Monitoring Category:	3
Monitoring Description:	Electronic monitor pipe sumps
Tank ID:	5
Petro Monitoring Category:	4
Monitoring Description:	Visual inspect dispenser liners
Tank ID:	6
Petro Monitoring Category:	F
Monitoring Description:	Monitor dbl wall tank space
Tank ID:	6
Petro Monitoring Category:	L
Monitoring Description:	Automatic tank gauging - USTs
Tank ID:	6
Petro Monitoring Category:	H
Monitoring Description:	Mechanical line leak detector
Tank ID:	6
Petro Monitoring Category:	K
Monitoring Description:	Monitor dbl wall pipe space
Tank ID:	6
Petro Monitoring Category:	3
Monitoring Description:	Electronic monitor pipe sumps
Tank ID:	6
Petro Monitoring Category:	4
Monitoring Description:	Visual inspect dispenser liners
Tank ID:	1
Tank Capacity:	10152
Tank Location:	UNDERGROUND
Tank Status:	B
Status Date:	06/17/1999
Install Date:	7/1/1967
Substance:	B
Content Description:	Unleaded Gas
Vessel Indicator:	TANK
DEP Contractor:	C
Owner:	
Owner ID:	45875
Owner Name:	FIRST COAST ENERGY LLP
Owner Address:	6867 SOUTHPOINT DR N
Owner Address 2:	ATTN: KEVIN KUSMIREK
Owner City,State,Zip:	Jacksonville, FL 32216
Owner Contact:	KEVIN KUSMIREK / ENVIRONMENTAL DEPARTMENT
Owner Phone:	9045963242

Construction:
Tank ID: 5

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SHELL-FIRST COAST ENERGY #1026 (Continued)

U003656328

Construction Category: E
Construction Description: Fiberglass

Tank ID: 5
Construction Category: M
Construction Description: Spill containment bucket

Tank ID: 5
Construction Category: N
Construction Description: Flow shut-Off

Tank ID: 5
Construction Category: O
Construction Description: Tight fill

Tank ID: 5
Construction Category: I
Construction Description: Double wall

Tank ID: 5
Construction Category: B
Construction Description: Internal lining

Tank ID: 6
Construction Category: E
Construction Description: Fiberglass

Tank ID: 6
Construction Category: M
Construction Description: Spill containment bucket

Tank ID: 6
Construction Category: N
Construction Description: Flow shut-Off

Tank ID: 6
Construction Category: O
Construction Description: Tight fill

Tank ID: 6
Construction Category: L
Construction Description: Compartmented

Tank ID: 6
Construction Category: I
Construction Description: Double wall

Piping:
Tank ID: 5
Piping Category: C
Piping Description: Fiberglass

Tank ID: 5
Piping Category: F
Piping Description: Double wall

Tank ID: 5

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SHELL-FIRST COAST ENERGY #1026 (Continued)

U003656328

Piping Category: J
Piping Description: Pressurized piping system

Tank ID: 5
Piping Category: K
Piping Description: Dispenser liners

Tank ID: 6
Piping Category: C
Piping Description: Fiberglass

Tank ID: 6
Piping Category: F
Piping Description: Double wall

Tank ID: 6
Piping Category: J
Piping Description: Pressurized piping system

Tank ID: 6
Piping Category: K
Piping Description: Dispenser liners

Monitoring:
Tank ID: 5
Petro Monitoring Category: F
Monitoring Description: Monitor dbl wall tank space

Tank ID: 5
Petro Monitoring Category: L
Monitoring Description: Automatic tank gauging - USTs

Tank ID: 5
Petro Monitoring Category: H
Monitoring Description: Mechanical line leak detector

Tank ID: 5
Petro Monitoring Category: K
Monitoring Description: Monitor dbl wall pipe space

Tank ID: 5
Petro Monitoring Category: 3
Monitoring Description: Electronic monitor pipe sumps

Tank ID: 5
Petro Monitoring Category: 4
Monitoring Description: Visual inspect dispenser liners

Tank ID: 6
Petro Monitoring Category: F
Monitoring Description: Monitor dbl wall tank space

Tank ID: 6
Petro Monitoring Category: L
Monitoring Description: Automatic tank gauging - USTs

Tank ID: 6

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SHELL-FIRST COAST ENERGY #1026 (Continued)

U003656328

Petro Monitoring Category: H
Monitoring Description: Mechanical line leak detector

Tank ID: 6
Petro Monitoring Category: K
Monitoring Description: Monitor dbl wall pipe space

Tank ID: 6
Petro Monitoring Category: 3
Monitoring Description: Electronic monitor pipe sumps

Tank ID: 6
Petro Monitoring Category: 4
Monitoring Description: Visual inspect dispenser liners

Tank ID: 5
Tank Capacity: 15000
Tank Location: UNDERGROUND
Tank Status: U
Status Date: 06/01/2008
Install Date: 6/1/2008
Substance: B
Content Description: Unleaded Gas
Vessel Indicator: TANK
DEP Contractor: C

Owner:

Owner ID: 45875
Owner Name: FIRST COAST ENERGY LLP
Owner Address: 6867 SOUTHPOINT DR N
Owner Address 2: ATTN: KEVIN KUSMIREK
Owner City,State,Zip: Jacksonville, FL 32216
Owner Contact: KEVIN KUSMIREK / ENVIRONMENTAL DEPARTMENT
Owner Phone: 9045963242

Construction:

Tank ID: 5
Construction Category: E
Construction Description: Fiberglass

Tank ID: 5
Construction Category: M
Construction Description: Spill containment bucket

Tank ID: 5
Construction Category: N
Construction Description: Flow shut-Off

Tank ID: 5
Construction Category: O
Construction Description: Tight fill

Tank ID: 5
Construction Category: I
Construction Description: Double wall

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SHELL-FIRST COAST ENERGY #1026 (Continued)

U003656328

Tank ID: 5
Construction Category: B
Construction Description: Internal lining

Tank ID: 6
Construction Category: E
Construction Description: Fiberglass

Tank ID: 6
Construction Category: M
Construction Description: Spill containment bucket

Tank ID: 6
Construction Category: N
Construction Description: Flow shut-Off

Tank ID: 6
Construction Category: O
Construction Description: Tight fill

Tank ID: 6
Construction Category: L
Construction Description: Compartmented

Tank ID: 6
Construction Category: I
Construction Description: Double wall

Piping:

Tank ID: 5
Piping Category: C
Piping Description: Fiberglass

Tank ID: 5
Piping Category: F
Piping Description: Double wall

Tank ID: 5
Piping Category: J
Piping Description: Pressurized piping system

Tank ID: 5
Piping Category: K
Piping Description: Dispenser liners

Tank ID: 6
Piping Category: C
Piping Description: Fiberglass

Tank ID: 6
Piping Category: F
Piping Description: Double wall

Tank ID: 6
Piping Category: J
Piping Description: Pressurized piping system

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SHELL-FIRST COAST ENERGY #1026 (Continued)

U003656328

Tank ID: 6
Piping Category: K
Piping Description: Dispenser liners

Monitoring:
Tank ID: 5
Petro Monitoring Category: F
Monitoring Description: Monitor dbl wall tank space

Tank ID: 5
Petro Monitoring Category: L
Monitoring Description: Automatic tank gauging - USTs

Tank ID: 5
Petro Monitoring Category: H
Monitoring Description: Mechanical line leak detector

Tank ID: 5
Petro Monitoring Category: K
Monitoring Description: Monitor dbl wall pipe space

Tank ID: 5
Petro Monitoring Category: 3
Monitoring Description: Electronic monitor pipe sumps

Tank ID: 5
Petro Monitoring Category: 4
Monitoring Description: Visual inspect dispenser liners

Tank ID: 6
Petro Monitoring Category: F
Monitoring Description: Monitor dbl wall tank space

Tank ID: 6
Petro Monitoring Category: L
Monitoring Description: Automatic tank gauging - USTs

Tank ID: 6
Petro Monitoring Category: H
Monitoring Description: Mechanical line leak detector

Tank ID: 6
Petro Monitoring Category: K
Monitoring Description: Monitor dbl wall pipe space

Tank ID: 6
Petro Monitoring Category: 3
Monitoring Description: Electronic monitor pipe sumps

Tank ID: 6
Petro Monitoring Category: 4
Monitoring Description: Visual inspect dispenser liners

Tank ID: 4
Tank Capacity: 550
Tank Location: UNDERGROUND

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SHELL-FIRST COAST ENERGY #1026 (Continued)

U003656328

Tank Status: B
Status Date: 05/01/1999
Install Date: 9/1/1985
Substance: L
Content Description: Waste Oil
Vessel Indicator: TANK
DEP Contractor: C

Owner:

Owner ID: 45875
Owner Name: FIRST COAST ENERGY LLP
Owner Address: 6867 SOUTHPOINT DR N
Owner Address 2: ATTN: KEVIN KUSMIREK
Owner City,State,Zip: Jacksonville, FL 32216
Owner Contact: KEVIN KUSMIREK / ENVIRONMENTAL DEPARTMENT
Owner Phone: 9045963242

Construction:

Tank ID: 5
Construction Category: E
Construction Description: Fiberglass

Tank ID: 5
Construction Category: M
Construction Description: Spill containment bucket

Tank ID: 5
Construction Category: N
Construction Description: Flow shut-Off

Tank ID: 5
Construction Category: O
Construction Description: Tight fill

Tank ID: 5
Construction Category: I
Construction Description: Double wall

Tank ID: 5
Construction Category: B
Construction Description: Internal lining

Tank ID: 6
Construction Category: E
Construction Description: Fiberglass

Tank ID: 6
Construction Category: M
Construction Description: Spill containment bucket

Tank ID: 6
Construction Category: N
Construction Description: Flow shut-Off

Tank ID: 6
Construction Category: O
Construction Description: Tight fill

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SHELL-FIRST COAST ENERGY #1026 (Continued)

U003656328

Tank ID: 6
Construction Category: L
Construction Description: Compartmented

Tank ID: 6
Construction Category: I
Construction Description: Double wall

Piping:

Tank ID: 5
Piping Category: C
Piping Description: Fiberglass

Tank ID: 5
Piping Category: F
Piping Description: Double wall

Tank ID: 5
Piping Category: J
Piping Description: Pressurized piping system

Tank ID: 5
Piping Category: K
Piping Description: Dispenser liners

Tank ID: 6
Piping Category: C
Piping Description: Fiberglass

Tank ID: 6
Piping Category: F
Piping Description: Double wall

Tank ID: 6
Piping Category: J
Piping Description: Pressurized piping system

Tank ID: 6
Piping Category: K
Piping Description: Dispenser liners

Monitoring:

Tank ID: 5
Petro Monitoring Category: F
Monitoring Description: Monitor dbl wall tank space

Tank ID: 5
Petro Monitoring Category: L
Monitoring Description: Automatic tank gauging - USTs

Tank ID: 5
Petro Monitoring Category: H
Monitoring Description: Mechanical line leak detector

Tank ID: 5
Petro Monitoring Category: K

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SHELL-FIRST COAST ENERGY #1026 (Continued)

U003656328

Monitoring Description:	Monitor dbl wall pipe space
Tank ID:	5
Petro Monitoring Category:	3
Monitoring Description:	Electronic monitor pipe sumps
Tank ID:	5
Petro Monitoring Category:	4
Monitoring Description:	Visual inspect dispenser liners
Tank ID:	6
Petro Monitoring Category:	F
Monitoring Description:	Monitor dbl wall tank space
Tank ID:	6
Petro Monitoring Category:	L
Monitoring Description:	Automatic tank gauging - USTs
Tank ID:	6
Petro Monitoring Category:	H
Monitoring Description:	Mechanical line leak detector
Tank ID:	6
Petro Monitoring Category:	K
Monitoring Description:	Monitor dbl wall pipe space
Tank ID:	6
Petro Monitoring Category:	3
Monitoring Description:	Electronic monitor pipe sumps
Tank ID:	6
Petro Monitoring Category:	4
Monitoring Description:	Visual inspect dispenser liners

CLEANUP SITES:

Name:	SHELL-FIRST COAST ENERGY #1026
Address:	2355 HWY SR 16
City,State,Zip:	SAINT AUGUSTINE, FL 32084
DEP Cleanup Site Key:	74751676
Source Database Name:	Storage Tank Contamination Monitoring
Source Database Id:	8515998
CPAC Program Area Id:	TK
CLLC Cleanup Category Key:	PETRO
RSC2 Remediation Status Key:	ACTIVE
Data Load Date:	02/20/2023
OC3 Office Id:	NED
Physical Address Line 2:	Not reported
OIC Object Of Interest Id:	FACIL
PC2 Proximity Id:	EXACT
Calc Coordinates Accuracy Level Id:	4
CMC2 Coordinate Method Id:	Digital Aerial Photography With Ground Control
DC4 Datum Id:	High Accuracy Reference Network
VSC1 Verification Status:	REVIEWED
Collect Username:	MAUCH_R55
Collect Date:	08/21/2003

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SHELL-FIRST COAST ENERGY #1026 (Continued)

U003656328

Collect Affiliation: COUNTY HEALTH DEPARTMENT
Map Source: 1994 doqs
Map Source Scale: 2937
Interpolation Scale: Not reported
Verifier Username: MAUCH_R55
Verifier Affiliation: COUNTY HEALTH DEPARTMENT
Verification Date: 08/21/2003
Verified Coordinate Method Id: Digital Aerial Photography With Ground Control
Source Database Name Code: STCM
CMC2 Coordinate Method ID Code: DPHO
DC4 Datum ID Code: HARN
Verified Coordinate Method ID Code: DPHO
Comments: Not reported
Latitude/Longitude (deg/min/sec): 29 54 / 81 24

DWM CONTAM:

Name: SHELL-FIRST COAST ENERGY #1026
Address: 2355 HWY 16
City,State,Zip: SAINT AUGUSTINE, FL 32084
Program Site Id: 8515998
Lat DD: 29
Lat MM: 54
Lat SS: Not reported
Long DD: 81
Long MM: 24
Long SS: 36
Office/ District: NED
Program Area: PETROLEUM
Priority Score: Not reported
Datum: 0
Method: AGPS
Facility Status: ON HOLD-STCM
Facility Type: A - Retail Station
Score Effective Date: 2013-02-27 00:00:00
Score When Ranked: 6
Rank: 12937
Operator: Not reported
Phone: Not reported
Name Changed: Not reported
Addr Changed: Not reported
Related Party ID: 45875
Primary RP Role: ACCOUNT OWNER
RP Begin Date: 5/23/1997
RP Name: FIRST COAST ENERGY LLP
RP Address1: 7014 A C SKINNER PKWY STE 290
RP Address2: ATTN: KEVIN KUSMIREK
RP City: JACKSONVILLE
RP State: FL
RP Zip5: 32256
RP Zip4: 6940
Contact: ENVIRONMENTAL DEPARTMENT
RP Phone: (904)596-3200
RP Extension: Not reported
Site Manager: Not reported

Name: SHELL-FIRST COAST ENERGY #1026
Address: 2355 HWY 16

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SHELL-FIRST COAST ENERGY #1026 (Continued)

U003656328

City,State,Zip: SAINT AUGUSTINE, FL 32084
Program Site Id: 8515998
Lat DD: 29
Lat MM: 54
Lat SS: Not reported
Long DD: 81
Long MM: 24
Long SS: 36
Office/ District: NED
Program Area: PETROLEUM
Priority Score: Not reported
Datum: 0
Method: AGPS
Facility Status: ON HOLD-STCM
Facility Type: A - Retail Station
Score Effective Date: 2013-02-27 00:00:00
Score When Ranked: 6
Rank: 12937
Operator: Not reported
Phone: Not reported
Name Changed: Not reported
Addr Changed: Not reported
Related Party ID: 45875
Primary RP Role: ACCOUNT OWNER
RP Begin Date: 5/23/1997
RP Name: FIRST COAST ENERGY LLP
RP Address1: 7014 A C SKINNER PKWY STE 290
RP Address2: ATTN: KEVIN KUSMIREK
RP City: JACKSONVILLE
RP State: FL
RP Zip5: 32256
RP Zip4: 6940
Contact: ENVIRONMENTAL DEPARTMENT
RP Phone: (904)596-3200
RP Extension: Not reported
Site Manager: Not reported

K51 **7-ELEVEN STORE #42108**
North **3735 INTERNATIONAL GOLF PKWY**
1/8-1/4 **SAINT AUGUSTINE, FL 32092**
0.130 mi.
687 ft. **Site 1 of 6 in cluster K**

UST **U004362156**
Financial Assurance **N/A**

Actual: **UST:**
25 ft. Facility ID: 9818999
Focus Map: Name: 7-ELEVEN STORE #42108
2 Address: 3735 INTERNATIONAL GOLF PKWY
City,State,Zip: SAINT AUGUSTINE, FL 32092
Facility Phone: 4074032995
Facility Status: OPEN
Facility Type: A
Type Description: Retail Station
Depco: P
Region: STATE
Positioning Method: Not reported
Latitude/Longitude: Not reported

UST:

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

7-ELEVEN STORE #42108 (Continued)

U004362156

Tank ID: 2
Tank Capacity: 20000
Tank Location: UNDERGROUND
Tank Status: U
Status Date: 05/06/2022
Install Date: 5/6/2022
Substance: D
Content Description: Vehicular Diesel
Vessel Indicator: TANK
DEP Contractor: P

Owner:

Owner ID: 20385
Owner Name: 7-ELEVEN INC.
Owner Address: PO BOX 711
Owner Address 2: ATTN: MGR-FL REGION GAS & ENVIRN COMPL
Owner City,State,Zip: Dallas, TX 75221
Owner Contact: DAVID PETERSEN | MILEI AVILES | JENNIFER DART
Owner Phone: 4074032995

Construction:

Tank ID: 1
Construction Category: I
Construction Description: Double wall

Tank ID: 2
Construction Category: L
Construction Description: Compartmented

Tank ID: 1
Construction Category: N
Construction Description: Flow shut-Off

Tank ID: 1
Construction Category: M
Construction Description: Spill containment bucket

Tank ID: 1
Construction Category: P
Construction Description: Level gauges/alarms

Tank ID: 2
Construction Category: N
Construction Description: Flow shut-Off

Tank ID: 1
Construction Category: E
Construction Description: Fiberglass

Tank ID: 2
Construction Category: O
Construction Description: Tight fill

Tank ID: 1
Construction Category: O
Construction Description: Tight fill

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

7-ELEVEN STORE #42108 (Continued)

U004362156

Tank ID: 2
Construction Category: E
Construction Description: Fiberglass

Tank ID: 2
Construction Category: M
Construction Description: Spill containment bucket

Tank ID: 2
Construction Category: P
Construction Description: Level gauges/alarms

Tank ID: 2
Construction Category: I
Construction Description: Double wall

Piping:
Tank ID: 2
Piping Category: F
Piping Description: Double wall

Tank ID: 1
Piping Category: N
Piping Description: Approved synthetic material

Tank ID: 1
Piping Category: K
Piping Description: Dispenser liners

Tank ID: 2
Piping Category: J
Piping Description: Pressurized piping system

Tank ID: 2
Piping Category: K
Piping Description: Dispenser liners

Tank ID: 1
Piping Category: J
Piping Description: Pressurized piping system

Tank ID: 2
Piping Category: N
Piping Description: Approved synthetic material

Tank ID: 1
Piping Category: F
Piping Description: Double wall

Monitoring:
Tank ID: 1
Petro Monitoring Category: 5
Monitoring Description: Electronic monitor dispenser liners

Tank ID: 2
Petro Monitoring Category: F

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

7-ELEVEN STORE #42108 (Continued)

U004362156

Monitoring Description:	Monitor dbl wall tank space
Tank ID:	2
Petro Monitoring Category:	1
Monitoring Description:	Continuous electronic sensing
Tank ID:	1
Petro Monitoring Category:	F
Monitoring Description:	Monitor dbl wall tank space
Tank ID:	1
Petro Monitoring Category:	K
Monitoring Description:	Monitor dbl wall pipe space
Tank ID:	1
Petro Monitoring Category:	1
Monitoring Description:	Continuous electronic sensing
Tank ID:	1
Petro Monitoring Category:	3
Monitoring Description:	Electronic monitor pipe sumps
Tank ID:	1
Petro Monitoring Category:	H
Monitoring Description:	Mechanical line leak detector
Tank ID:	2
Petro Monitoring Category:	K
Monitoring Description:	Monitor dbl wall pipe space
Tank ID:	2
Petro Monitoring Category:	5
Monitoring Description:	Electronic monitor dispenser liners
Tank ID:	2
Petro Monitoring Category:	H
Monitoring Description:	Mechanical line leak detector
Tank ID:	2
Petro Monitoring Category:	3
Monitoring Description:	Electronic monitor pipe sumps
Tank ID:	1
Tank Capacity:	20000
Tank Location:	UNDERGROUND
Tank Status:	U
Status Date:	05/06/2022
Install Date:	5/6/2022
Substance:	8
Content Description:	Ethanol E10
Vessel Indicator:	TANK
DEP Contractor:	P
Owner:	
Owner ID:	20385
Owner Name:	7-ELEVEN INC.
Owner Address:	PO BOX 711

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

7-ELEVEN STORE #42108 (Continued)

U004362156

Owner Address 2: ATTN: MGR-FL REGION GAS & ENVIRN COMPL
Owner City,State,Zip: Dallas, TX 75221
Owner Contact: DAVID PETERSEN | MILEI AVILES | JENNIFER DART
Owner Phone: 4074032995

Construction:

Tank ID: 1
Construction Category: I
Construction Description: Double wall

Tank ID: 2
Construction Category: L
Construction Description: Compartmented

Tank ID: 1
Construction Category: N
Construction Description: Flow shut-Off

Tank ID: 1
Construction Category: M
Construction Description: Spill containment bucket

Tank ID: 1
Construction Category: P
Construction Description: Level gauges/alarms

Tank ID: 2
Construction Category: N
Construction Description: Flow shut-Off

Tank ID: 1
Construction Category: E
Construction Description: Fiberglass

Tank ID: 2
Construction Category: O
Construction Description: Tight fill

Tank ID: 1
Construction Category: O
Construction Description: Tight fill

Tank ID: 2
Construction Category: E
Construction Description: Fiberglass

Tank ID: 2
Construction Category: M
Construction Description: Spill containment bucket

Tank ID: 2
Construction Category: P
Construction Description: Level gauges/alarms

Tank ID: 2
Construction Category: I
Construction Description: Double wall

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

7-ELEVEN STORE #42108 (Continued)

U004362156

Piping:

Tank ID:	2
Piping Category:	F
Piping Description:	Double wall
Tank ID:	1
Piping Category:	N
Piping Description:	Approved synthetic material
Tank ID:	1
Piping Category:	K
Piping Description:	Dispenser liners
Tank ID:	2
Piping Category:	J
Piping Description:	Pressurized piping system
Tank ID:	2
Piping Category:	K
Piping Description:	Dispenser liners
Tank ID:	1
Piping Category:	J
Piping Description:	Pressurized piping system
Tank ID:	2
Piping Category:	N
Piping Description:	Approved synthetic material
Tank ID:	1
Piping Category:	F
Piping Description:	Double wall

Monitoring:

Tank ID:	1
Petro Monitoring Category:	5
Monitoring Description:	Electronic monitor dispenser liners
Tank ID:	2
Petro Monitoring Category:	F
Monitoring Description:	Monitor dbl wall tank space
Tank ID:	2
Petro Monitoring Category:	1
Monitoring Description:	Continuous electronic sensing
Tank ID:	1
Petro Monitoring Category:	F
Monitoring Description:	Monitor dbl wall tank space
Tank ID:	1
Petro Monitoring Category:	K
Monitoring Description:	Monitor dbl wall pipe space
Tank ID:	1
Petro Monitoring Category:	1

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

7-ELEVEN STORE #42108 (Continued)

U004362156

Monitoring Description:	Continuous electronic sensing
Tank ID:	1
Petro Monitoring Category:	3
Monitoring Description:	Electronic monitor pipe sumps
Tank ID:	1
Petro Monitoring Category:	H
Monitoring Description:	Mechanical line leak detector
Tank ID:	2
Petro Monitoring Category:	K
Monitoring Description:	Monitor dbl wall pipe space
Tank ID:	2
Petro Monitoring Category:	5
Monitoring Description:	Electronic monitor dispenser liners
Tank ID:	2
Petro Monitoring Category:	H
Monitoring Description:	Mechanical line leak detector
Tank ID:	2
Petro Monitoring Category:	3
Monitoring Description:	Electronic monitor pipe sumps

FL Financial Assurance 3:

Name:	7-ELEVEN STORE #42108
Address:	3735 INTERNATIONAL GOLF PKWY
City,State,Zip:	SAINT AUGUSTINE, FL 32092
Region:	3
Facility ID:	9818999
Facility Phone:	4074032995
Facility Status:	OPEN
Facility Type:	A
Type Description:	Retail Station
DEP CO:	P
Financial Responsibility:	INSURANCE
Insurance Company:	IRONSHORE SPECIALTY INSURANCE CO
Effective Date:	12/18/2021
Expire Date:	12/18/2022
Owner ID:	20385
Owner Name:	7-ELEVEN INC.
Owner Address:	PO BOX 711
Owner Address2:	ATTN: MGR-FL REGION GAS & ENVIRN COMPL
Owner City,St,Zip:	Dallas, TX 75221
Contact:	DAVID PETERSEN MILEI AVILES JENNIFER DART
Resp Party Phone:	4074032995
Name:	7-ELEVEN STORE #42108
Address:	3735 INTERNATIONAL GOLF PKWY
City,State,Zip:	SAINT AUGUSTINE, FL 32092
Region:	3
Facility ID:	9818999
Facility Phone:	4074032995

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

7-ELEVEN STORE #42108 (Continued)

U004362156

Facility Status: OPEN
Facility Type: A
Type Description: Retail Station
DEP CO: P
Financial Responsibility: INSURANCE
Insurance Company: IRONSHORE SPECIALTY INSURANCE COMPANY
Effective Date: 12/08/2020
Expire Date: 12/08/2023
Owner ID: 20385
Owner Name: 7-ELEVEN INC.
Owner Address: PO BOX 711
Owner Address2: ATTN: MGR-FL REGION GAS & ENVIRN COMPL
Owner City,St,Zip: Dallas, TX 75221
Contact: DAVID PETERSEN | MILEI AVILES | JENNIFER DART
Resp Party Phone: 4074032995

K52 **MILL CREEK ELEMENTARY EXPANSIO**
North **3750 INTERNATIONAL GOLF PKWYST**
1/8-1/4 **ST AUGUSTINE, FL 32092**
0.133 mi.
700 ft. **Site 2 of 6 in cluster K**

ECHO **1014689327**
PFAS ECHO **N/A**

Actual: **ECHO:**
25 ft. Envid: 1014689327
Focus Map: Registry ID: 110041948998
2 DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110041948998>
Name: MILL CREEK ELEMENTARY EXPANSIO
Address: 3750 INTERNATIONAL GOLF PKWYST
City,State,Zip: ST AUGUSTINE, FL 32092

PFAS ECHO:
Name: MILL CREEK ELEMENTARY EXPANSIO
Address: Not reported
City,State,Zip: ST AUGUSTINE, FL
Latitude: 29.964311
Longitude: -81.490554
Count: 1
County: ST. JOHNS
Status: Inactive
Region: 04
Industry: Waste Management
ECHO Facility Report: <https://echo.epa.gov/detailed-facility-report?fid=110041948998>
Facility Percent Minority: 17.257
Facility Derived Tribes: -
Facility Population: 455.17
EPA Programs: CWA
Federal Facility: No
Federal Agency: -
Facility FIPS Code: 12109
Facility Indian Country Flag: N
Facility Collection Method: ADDRESS MATCHING-HOUSE NUMBER
Facility Derived HUC: 03080103
Facility Derived WBD: 030801031203
Facility Derived CD113: 06
Facility Derived CB2010: 121090209023020
Facility Major Flag: -
Facility Active Flag: -

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MILL CREEK ELEMENTARY EXPANSIO (Continued)

1014689327

Facility Inspection Count:	0
Facility Date Last Inspection:	12/21/2010
Facility Days Last Inspection:	4,575
Facility Informal Count:	0
Facility Date Last Informal Action:	-
Facility Formal Action Count:	0
Facility Date Last Formal Action:	-
Facility Total Penalties:	0
Facility Penalty Count:	-
Facility Date Last Penalty:	-
Facility Last Penalty AMT:	-
Facility QTRS With NC:	0
Facility Programs With SNC:	0
Facility Compliance Status:	-
Facility SNC Flag:	N
AIR Flag:	N
NPDES Flag:	Y
SDWIS Flag:	N
RCRA Flag:	N
TRI Flag:	N
GHG Flag:	N
AIR IDS:	-
CAA Permit Types:	-
CAA NAICS:	-
CAA SICS:	-
NPDES IDS:	FLR10JS11
CWA Permit Types:	Minor
CWA NAICS:	221320
CWA SICS:	4952
RCRA IDS:	-
RCRA Permit Types:	-
RCRA NAICS:	-
SDWA IDS:	-
SDWA System Types:	-
SDWA Compliance Status:	-
SDWA SNC Flag:	N
TRI IDS:	-
TRI Releases Transfers:	-
TRI On Site Releases:	-
TRI Off Site Transfers:	-
TRI Reporter:	-
Facility IMP Water Flag:	-
EJSCREEN Flag US:	N
EJSCREEN Report:	https://ejscreen.epa.gov/mapper/mobile/EJSCREEN_mobile.aspx?geometry=%7B%22x%22:-81.490554,%22y%22:29.964311,%22spatialReference%22:%7B%22wkid%22:4326%7D%7D&unit=9035&areatype=&areaid=&basemap=streets&distance=1

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

K53
North
1/8-1/4
0.133 mi.
700 ft.
MILL CREEK ELEMENTARY SCHOOL
3750 INTERNATIONAL GOLF PKWY
ST AUGUSTINE, FL 32092
Site 3 of 6 in cluster K

HAZ WASTE **S130020363**
N/A

Actual: 25 ft.
Focus Map: 2
HAZ WASTE:
Facility ID: 128634
Name: MILL CREEK ELEMENTARY SCHOOL
Address: 3750 INTERNATIONAL GOLF PKWY
City,State,Zip: ST AUGUSTINE, FL 32092
County: ST. JOHNS
Telephone: (904)819-3720
Email: Not reported
Status: I - INACTIVE - DOES NOT GENERATE WASTE
Generator Status: N - NOT A HAZARDOUS WASTE GENERATOR
EPA ID: NA
Other ID: Not reported
Old Facility ID: Not reported
SIC: 8211 - SERVICES - ELEMENTARY AND SECONDARY SCHOOLS
Verified: V - VERIFICATION BY ON-SITE VISIT
Verified Date: 06/23/2016
Hazardous Waste LBS/YEAR: 0
Wastes: 0

K54
North
1/8-1/4
0.133 mi.
700 ft.
MILL CREEK ACADEMY
3750 INTERNATIONAL GOLF PKWY
ST AUGUSTINE, FL 32092
Site 4 of 6 in cluster K

AST **S118896797**
Financial Assurance **N/A**
NPDES

Actual: 25 ft.
Focus Map: 2
AST:
Facility ID: 9817292
Name: MILL CREEK ACADEMY
Address: 3750 INTERNATIONAL GOLF PKWY
City,State,Zip: ST AUGUSTINE, FL 32092
Facility Phone: 9045473724
Facility Status: OPEN
Facility Type: I
Type Description: County Government
Depco: P
Region: STATE
Positioning Method: Not reported
Latitude/Longitude: Not reported
Tank:
Tank ID: 1
Tank Capacity: 944
Tank Location: ABOVEGROUND
Tank Status: U
Status Date: 08/01/2019
Install Date: 8/1/2019
Substance: G
Content Description: Emerg Generator Diesel
Vessel Indicator: TANK
DEP Contractor: P
Piping:
Tank ID: 1
Piping Category: X
Piping Description: No piping associated w/tank

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MILL CREEK ACADEMY (Continued)

S118896797

Monitoring:

Tank ID: 1
Petro Monitoring Category: F
Monitoring Description: Monitor dbl wall tank space

Tank ID: 1
Petro Monitoring Category: 1
Monitoring Description: Continuous electronic sensing

Tank ID: 1
Petro Monitoring Category: Q
Monitoring Description: Visual inspection of ASTs

Owner:

Owner ID: 20852
Owner Name: ST JOHNS CNTY SCHOOL DISTRICT
Owner Address: 40 ORANGE ST
Owner Address 2: Not reported
Owner City,State,Zip: Saint Augustine, FL 32084
Owner Contact: JOSEPH H PURVIS/ DAVID LEE
Owner Phone: 9048197810

Construction:

Tank ID: 1
Construction Category: M
Construction Description: Spill containment bucket

Tank ID: 1
Construction Category: P
Construction Description: Level gauges/alarms

Tank ID: 1
Construction Category: I
Construction Description: Double wall

Tank ID: 1
Construction Category: C
Construction Description: Steel

FL Financial Assurance 3:

Name: MILL CREEK ACADEMY
Address: 3750 INTERNATIONAL GOLF PKWY
City,State,Zip: ST AUGUSTINE, FL 32092
Region: 3
Facility ID: 9817292
Facility Phone: 9045473724
Facility Status: OPEN
Facility Type: I
Type Description: County Government
DEP CO: P
Financial Responsibility: INSURANCE
Insurance Company: COMMERCE & INDUSTRY
Effective Date: 09/07/2018

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MILL CREEK ACADEMY (Continued)

S118896797

Expire Date: 09/07/2019
Owner ID: 20852
Owner Name: ST JOHNS CNTY SCHOOL DISTRICT
Owner Address: 40 ORANGE ST
Owner Address2: Not reported
Owner City,St,Zip: Saint Augustine, FL 32084
Contact: JOSEPH H PURVIS/ DAVID LEE
Resp Party Phone: 9048197810

Name: MILL CREEK ACADEMY
Address: 3750 INTERNATIONAL GOLF PKWY
City,State,Zip: ST AUGUSTINE, FL 32092
Region: 3
Facility ID: 9817292
Facility Phone: 9045473724
Facility Status: OPEN
Facility Type: I
Type Description: County Government
DEP CO: P
Financial Responsibility: INSURANCE
Insurance Company: COMMERCE & INDUSTRY
Effective Date: 09/17/2019
Expire Date: 09/07/2020
Owner ID: 20852
Owner Name: ST JOHNS CNTY SCHOOL DISTRICT
Owner Address: 40 ORANGE ST
Owner Address2: Not reported
Owner City,St,Zip: Saint Augustine, FL 32084
Contact: JOSEPH H PURVIS/ DAVID LEE
Resp Party Phone: 9048197810

Name: MILL CREEK ACADEMY
Address: 3750 INTERNATIONAL GOLF PKWY
City,State,Zip: ST AUGUSTINE, FL 32092
Region: 3
Facility ID: 9817292
Facility Phone: 9045473724
Facility Status: OPEN
Facility Type: I
Type Description: County Government
DEP CO: P
Financial Responsibility: INSURANCE
Insurance Company: COMMERCE & INDUSTRY INSURANCE CO
Effective Date: 09/07/2020
Expire Date: 09/07/2021
Owner ID: 20852
Owner Name: ST JOHNS CNTY SCHOOL DISTRICT
Owner Address: 40 ORANGE ST
Owner Address2: Not reported
Owner City,St,Zip: Saint Augustine, FL 32084
Contact: JOSEPH H PURVIS/ DAVID LEE
Resp Party Phone: 9048197810

WASTEWATER:

Name: INTERNATIONAL GOLF PARKWAY RECLAIMED WATER AND FORCE MAIN
Address: 3750 INTERNATIONAL GOLF PKWY
City,State,Zip: ST AUGUSTINE, FL

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MILL CREEK ACADEMY (Continued)

S118896797

Facility ID: FLR20AJ69
Facility Type: Construction Generic Dewatering
Status: Active - Existing, permitted facility/site for which effluent, reclaimed water or wastewater residual discharge into the environment and/or monitoring is taking place.

District Office: TLST
NPDES Permitted Site: Not reported
Environmental Interest: Not reported
Owner Type: County
Permit Capacity: Not reported
Party Name: Robin Thigpen, President
Company Name: T B Landmark Construction Inc
RP Address: 11220 New Berlin Rd
RP Address 2: Not reported
RP City,Stat,Zip: Jacksonville FL 32226-2276
Telephone: 9047511016
Email: RT@TBLandmark.com
Issue Date: 10/25/2015
Effective Date: 10/25/2015
Expiration Date: 10/24/2020
DOC Description: Generic Permit
Latitude Degrees: 29
Latitude Minutes: 59
Latitude Seconds: 12
Longitude Degrees: 81
Longitude Minutes: 27
Longitude Seconds: 43
Treatment: Not reported
Decode For Fstatus: Active

K55 **ST JOHNS CNTY SCHOOL BD-MILL CREEK**
North **3725 NINE MILE RD**
1/8-1/4 **SAINT AUGUSTINE, FL 32084**
0.142 mi.
748 ft. **Site 5 of 6 in cluster K**

LUST **U003344564**
UST **N/A**
DWM CONTAM

Actual: **LUST:**
25 ft. Name: ST JOHNS CNTY SCHOOL BD-MILL CREEK
Focus Map: Address: 3725 NINE MILE RD
2 City,State,Zip: SAINT AUGUSTINE, FL 32084
Region: STATE
Facility Id: 9200912
Facility Status: CLOSED
Facility Type: I - County Government
Facility Phone: (904)824-7201
Facility Cleanup Rank: Not reported
District: Northeast District
Lat/Long (dms): 29 57 53.7839999 / 81 29 25.3319000
Section: Not reported
Township: Not reported
Range: Not reported
Feature: Not reported
Method: UNVR
Datum: 0
Score: Not reported
Score Effective Date: Not reported
Score When Ranked: Not reported
Operator: ST JOHNS CNTY SCHOOL BD

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ST JOHNS CNTY SCHOOL BD-MILL CREEK (Continued)

U003344564

Name Update: Not reported
Address Update: 1995-05-10 00:00:00

Petroleum Cleanup PCT Facility Score:

Facility Cleanup Status: CMPL - COMPLETED
Contact: JOSEPH H PURVIS/ DAVID LEE
Contact Company: ST JOHNS CNTY SCHOOL DISTRICT
Contact Address: 40 ORANGE ST
Contact City/State/Zip: Saint Augustine, FL 32084
Phone: (904)819-7810
Bad Address Ind: N
State: FL
Zip: 32084
Score: Not reported
Score Effective Date: Not reported
Related Party ID: 20852
Primary RP Role: ACCOUNT OWNER
RP Begin Date: 1992-03-30
RP Zip: 3633
RP Extension: Not reported

Discharge Cleanup Summary:

Discharge Date: 1/10/1992
PCT Discharge Combined: Not reported
Cleanup Required: R - CLEANUP REQUIRED
Discharge Cleanup Status: SRCR - SRCR COMPLETE
Disch Cleanup Status Date: 1/10/1994
Cleanup Work Status: COMPLETED
Information Source: D - DISCHARGE NOTIFICATION
Other Source Description: Not reported
Eligibility Indicator: I - INELIGIBLE
Site Manager: Not reported
Site Mgr End Date: Not reported
Tank Office: -

Petroleum Cleanup Program Eligibility:

Facility ID: 9200912
Discharge Date: 1/10/1992
Pct Discharge Combined With: Not reported
Cleanup Required: R - CLEANUP REQUIRED
Discharge Cleanup Status: SRCR - SRCR COMPLETE
Disch Cleanup Status Date: 1/10/1994
Cleanup Work Status: COMPLETED
Information Source: D - DISCHARGE NOTIFICATION
Other Source Description: Not reported
Application Received Date: 1992-03-24 00:00:00
Cleanup Program: A - ABANDONED TANK RESTORATION PROGRAM
Eligibility Status: 1993-02-26 00:00:00
Elig Status Date: 1993-02-26 00:00:00
Letter Of Intent Date: 1992-03-24 00:00:00
Redetermined: No
Inspection Date: 1992-02-12 00:00:00
Site Manager: Not reported
Site Mgr End Date: Not reported
Tank Office: -
Deductible Amount: Not reported
Deductible Paid To Date: Not reported
Co-Pay Amount: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ST JOHNS CNTY SCHOOL BD-MILL CREEK (Continued)

U003344564

Co-Pay Paid To Date:	Not reported
Cap Amount:	Not reported
Task Information:	
District:	NED
Facility ID:	9200912
Facility Status:	CLOSED
Facility Type:	I - County Government -
County:	ST. JOHNS
County ID:	55
Cleanup Eligibility Status:	I
Source Effective Date:	12-22-1993
Discharge Date:	01-10-1992
Cleanup Required:	R - CLEANUP REQUIRED
Discharge Cleanup Status:	SRCR - SRCR COMPLETE
Disch Cleanup Status Date:	01-10-1994
SRC Action Type:	SRCR - SITE REHABILITATION COMPLETION REPORT
SRC Submit Date:	11-22-1993
SRC Review Date:	12-22-1993
SRC Completion Status:	A - APPROVED
SRC Issue Date:	01-10-1994
SRC Comment:	Not reported
Cleanup Work Status:	COMPLETED
Site Mgr:	Not reported
Site Mgr End Date:	Not reported
Tank Office:	-
SR Task ID:	Not reported
SR Cleanup Responsible:	-
SR Funding Eligibility Type:	-
SR Actual Cost:	Not reported
SR Completion Date:	Not reported
SR Payment Date:	Not reported
SR Oral Date:	Not reported
SR Written Date:	Not reported
SR Soil Removal:	Not reported
SR Free Product Removal:	Not reported
SR Soil Tonnage Removed:	Not reported
SR Soil Treatment:	Not reported
SR Other Treatment:	Not reported
SR Alternate Proc Received Date:	Not reported
SR Alternate Procedure Status:	Not reported
SR Alternate Procedure Status Date:	Not reported
SR Alternate Procedure Comments:	Not reported
SA Task ID:	14649
SA Cleanup Responsible:	-
SA Funding Eligibility Type:	-
SA Actual Cost:	Not reported
SA Completion Date:	Not reported
SA Payment Date:	Not reported
RAP Task ID:	Not reported
RAP Cleanup Responsible ID:	-
RAP Funding Eligibility Type:	-
RAP Actual Cost:	Not reported
RAP Completion Date:	Not reported
RAP Payment Date:	Not reported
RAP Last Order Approved:	Not reported
RA Task ID:	62581
RA Cleanup Responsible:	-

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ST JOHNS CNTY SCHOOL BD-MILL CREEK (Continued)

U003344564

RA Funding Eligibility Type: -
RA Years to Complete: 0
RA Actual Cost: Not reported

[Click here for Florida Oculus:](#)

UST:

Facility ID: 9200912
Name: ST JOHNS CNTY SCHOOL BD-MILL CREEK
Address: 3725 NINE MILE RD
City,State,Zip: SAINT AUGUSTINE, FL 32084
Facility Phone: 9048247201
Facility Status: CLOSED
Facility Type: I
Type Description: County Government
Depco: P
Region: STATE
Positioning Method: UNVR
Latitude/Longitude: 29 57 52 / 81 29 26

UST:

Tank ID: 1
Tank Capacity: 1000
Tank Location: UNDERGROUND
Tank Status: B
Status Date: 12/31/1991
Install Date: Not reported
Substance: M
Content Description: Fuel Oil - Onsite Heat
Vessel Indicator: TANK
DEP Contractor: P

Owner:

Owner ID: 20852
Owner Name: ST JOHNS CNTY SCHOOL DISTRICT
Owner Address: 40 ORANGE ST
Owner Address 2: Not reported
Owner City,State,Zip: Saint Augustine, FL 32084
Owner Contact: JOSEPH H PURVIS/ DAVID LEE
Owner Phone: 9048197810

DWM CONTAM:

Name: ST JOHNS CNTY SCHOOL BD-MILL CREEK
Address: 3725 NINE MILE RD
City,State,Zip: SAINT AUGUSTINE, FL
Program Site Id: 9200912
Lat DD: 29
Lat MM: 57
Lat SS: Not reported
Long DD: 81
Long MM: 29
Long SS: 26
Office/ District: NED
Program Area: PETROLEUM
Priority Score: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ST JOHNS CNTY SCHOOL BD-MILL CREEK (Continued)

U003344564

Datum: 0
Method: UNVR
Facility Status: CLOSED-STCM
Facility Type: Not reported
Score Effective Date: Not reported
Score When Ranked: Not reported
Rank: Not reported
Operator: Not reported
Phone: Not reported
Name Changed: Not reported
Addr Changed: Not reported
Related Party ID: Not reported
Primary RP Role: Not reported
RP Begin Date: Not reported
RP Name: Not reported
RP Address1: Not reported
RP Address2: Not reported
RP City: Not reported
RP State: Not reported
RP Zip5: Not reported
RP Zip4: Not reported
Contact: Not reported
RP Phone: Not reported
RP Extension: Not reported
Site Manager: Not reported

K56
North
1/8-1/4
0.142 mi.
748 ft.

ST JOHNS CNTY SCHOOL BD-MILL CREEK
3725 NINE MILE RD
SAINT AUGUSTINE, FL
Site 6 of 6 in cluster K

RGA LUST S115198686
N/A

Actual:
25 ft.

RGA LUST:

Focus Map:
2

2012	ST JOHNS CNTY SCHOOL BD-MILL CREEK	3725 NINE MILE RD
2011	ST JOHNS CNTY SCHOOL BD-MILL CREEK	3725 NINE MILE RD
2010	ST JOHNS CNTY SCHOOL BD-MILL CREEK	3725 NINE MILE RD
2009	ST JOHNS CNTY SCHOOL BD-MILL CREEK	3725 NINE MILE RD
2008	ST JOHNS CNTY SCHOOL BD-MILL CREEK	3725 NINE MILE RD
2007	ST JOHNS CNTY SCHOOL BD-MILL CREEK	3725 NINE MILE RD
2006	ST JOHNS CNTY SCHOOL BD-MILL CREEK	3725 NINE MILE RD
2005	ST JOHNS CNTY SCHOOL BD-MILL CREEK	3725 NINE MILE RD
2004	ST JOHNS CNTY SCHOOL BD-MILL CREEK	3725 NINE MILE RD
2003	ST JOHNS CNTY SCHOOL BD-MILL CREEK	3725 NINE MILE RD
2002	ST JOHNS CNTY SCHOOL BD-MILL CREEK	3725 NINE MILE RD
2001	ST JOHNS CNTY SCHOOL BD-MILL CREEK	3725 NINE MILE RD
2000	ST JOHNS CNTY SCHOOL BD-MILL CREEK	3725 NINE MILE RD
1999	ST JOHNS CNTY SCHOOL BD-MILL CREEK	3725 NINE MILE RD
1998	ST JOHNS CNTY SCHOOL BD-MILL CREEK	3725 NINE MILE RD
1997	ST JOHNS CNTY SCHOOL BD-MILL CREEK	3725 NINE MILE RD

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

57
WNW
1/8-1/4
0.146 mi.
771 ft.

WALGREEN'S
5440 SR 16
ST AUGUSTINE, FL 32092

HAZ WASTE **S130063305**
N/A

Actual:
24 ft.

Focus Map:
4

HAZ WASTE:

Facility ID: 177544
Name: WALGREEN'S
Address: 5440 SR 16
City,State,Zip: ST AUGUSTINE, FL 32092
County: ST. JOHNS
Telephone: (904)940-5556
Email: Not reported
Status: A - ACTIVE - WASTE GENERATOR
Generator Status: 3 - Cond Exempt Small Quantity Generator
EPA ID: NA
Other ID: Not reported
Old Facility ID: Not reported
SIC: 5912 - RETAIL TRADE - DRUGSTORES AND PROPRIETARY STORES
Verified: V - VERIFICATION BY ON-SITE VISIT
Verified Date: 06/07/2015
Hazardous Waste LBS/YEAR: 12
Wastes: 1

58
SW
1/8-1/4
0.170 mi.
900 ft.

CHARLES RUSINA
2595 CR 208
SAINT AUGUSTINE, FL 32092

UST **U001372771**
N/A

Actual:
45 ft.

Focus Map:
9

UST:

Facility ID: 9201670
Name: CHARLES RUSINA
Address: 2595 CR 208
City,State,Zip: SAINT AUGUSTINE, FL 32092
Facility Phone: Not reported
Facility Status: CLOSED
Facility Type: C
Type Description: Fuel user/Non-retail
Depco: P
Region: STATE
Positioning Method: Not reported
Latitude/Longitude: Not reported

UST:

Tank ID: 2
Tank Capacity: 1500
Tank Location: UNDERGROUND
Tank Status: B
Status Date: 05/31/1992
Install Date: Not reported
Substance: D
Content Description: Vehicular Diesel
Vessel Indicator: TANK
DEP Contractor: P

Owner:

Owner ID: 18883
Owner Name: RUSINA, CHARLES
Owner Address: PO BOX 162

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CHARLES RUSINA (Continued)

U001372771

Owner Address 2: Not reported
Owner City,State,Zip: SAINT AUGUSTINE, FL 32085
Owner Contact: CHARLES RUSINA
Owner Phone: 0

Tank ID: 1
Tank Capacity: 500
Tank Location: UNDERGROUND
Tank Status: B
Status Date: 05/31/1992
Install Date: Not reported
Substance: A
Content Description: Leaded Gas
Vessel Indicator: TANK
DEP Contractor: P

Owner:
Owner ID: 18883
Owner Name: RUSINA, CHARLES
Owner Address: PO BOX 162
Owner Address 2: Not reported
Owner City,State,Zip: SAINT AUGUSTINE, FL 32085
Owner Contact: CHARLES RUSINA
Owner Phone: 0

59
South
1/8-1/4
0.201 mi.
1059 ft.

PUBLIX SUPER MARKET #1239
84 TURIN TERRACE
SAINT AUGUSTINE, FL 32092

AST A100322158
N/A

Actual:
24 ft.
Focus Map:
5

AST:
Facility ID: 9810749
Name: PUBLIX SUPER MARKET #1239
Address: 84 TURIN TERRACE
City,State,Zip: SAINT AUGUSTINE, FL 32092
Facility Phone: 9049402889
Facility Status: OPEN
Facility Type: C
Type Description: Fuel user/Non-retail
Depco: P
Region: STATE
Positioning Method: Not reported
Latitude/Longitude: Not reported

Tank:
Tank ID: 1
Tank Capacity: 1000
Tank Location: ABOVEGROUND
Tank Status: U
Status Date: 09/01/2008
Install Date: 9/1/2008
Substance: G
Content Description: Emerg Generator Diesel
Vessel Indicator: TANK
DEP Contractor: P

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PUBLIX SUPER MARKET #1239 (Continued)

A100322158

Piping:

Tank ID: 1
Piping Category: A
Piping Description: Abv, no soil contact

Tank ID: 1
Piping Category: I
Piping Description: Suction piping system

Monitoring:

Tank ID: 1
Petro Monitoring Category: Q
Monitoring Description: Visual inspection of ASTs

Tank ID: 1
Petro Monitoring Category: F
Monitoring Description: Monitor dbl wall tank space

Tank ID: 1
Petro Monitoring Category: 1
Monitoring Description: Continuous electronic sensing

Owner:

Owner ID: 25164
Owner Name: PUBLIX SUPER MARKETS INC - ENVIRONMENTAL
Owner Address: PO BOX 407
Owner Address 2: ATTN: ESP STORAGE TANK REGIS
Owner City,State,Zip: LAKELAND, FL 33802
Owner Contact: BRENDA WILLIAMS EXT-55017
Owner Phone: 8636881188

Construction:

Tank ID: 1
Construction Category: C
Construction Description: Steel

Tank ID: 1
Construction Category: I
Construction Description: Double wall

Tank ID: 1
Construction Category: M
Construction Description: Spill containment bucket

Tank ID: 1
Construction Category: P
Construction Description: Level gauges/alarms

Map ID
Direction
Distance
Elevation

MAP FINDINGS

EDR ID Number
EPA ID Number

L60
South
1/8-1/4
0.233 mi.
1231 ft.
PANEL TEK
200 COMMERCIAL DR STE 8
ST AUGUSTINE, FL 32092
Site 1 of 2 in cluster L

HAZ WASTE **S130076836**
N/A

Actual: 44 ft.
Focus Map: 11

HAZ WASTE:
Facility ID: 196954
Name: PANEL TEK
Address: 200 COMMERCIAL DR STE 8
City,State,Zip: ST AUGUSTINE, FL 32092
County: ST. JOHNS
Telephone: (904)584-1550
Email: Not reported
Status: A - ACTIVE - WASTE GENERATOR
Generator Status: N - NOT A HAZARDOUS WASTE GENERATOR
EPA ID: NA
Other ID: Not reported
Old Facility ID: Not reported
SIC: 4225 - TRANS. & UTILITIES - GENERAL WAREHOUSING AND STORAGE
Verified: V - VERIFICATION BY ON-SITE VISIT
Verified Date: 10/04/2011
Hazardous Waste LBS/YEAR: Not reported
Wastes: 0

L61
South
1/8-1/4
0.233 mi.
1231 ft.
S A ROBINSON CONSTRUCTION
200 COMMERCIAL DR
ST AUGUSTINE, FL 32086
Site 2 of 2 in cluster L

HAZ WASTE **S130076316**
N/A

Actual: 44 ft.
Focus Map: 11

HAZ WASTE:
Facility ID: 196425
Name: S A ROBINSON CONSTRUCTION
Address: 200 COMMERCIAL DR
City,State,Zip: ST AUGUSTINE, FL 32086
County: ST. JOHNS
Telephone: (904)584-1800
Email: Not reported
Status: A - ACTIVE - WASTE GENERATOR
Generator Status: 3 - Cond Exempt Small Quantity Generator
EPA ID: NA
Other ID: 2
Old Facility ID: Not reported
SIC: 7538 - SERVICES - GENERAL AUTOMOTIVE REPAIR SHOPS
Verified: V - VERIFICATION BY ON-SITE VISIT
Verified Date: 10/04/2011
Hazardous Waste LBS/YEAR: 283
Wastes: 5

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

M62 **ORANGE STOP**
ESE **2375 STATE ROAD 16**
1/8-1/4 **SAINT AUGUSTINE, FL 32095**
0.237 mi.
1249 ft. **Site 1 of 2 in cluster M**

EDR Hist Auto **1021037127**
N/A

Actual: EDR Hist Auto
43 ft.

Focus Map:
10

Year:	Name:	Type:
1996	ORANGE STOP	Grocery Stores
1997	ORANGE STOP	Grocery Stores
2001	CITGO	Gasoline Service Stations, NEC
2002	VANJAR BEN	Gasoline Service Stations, NEC
2003	VANJAR BEN	Gasoline Service Stations, NEC
2004	VANJAR BEN	Gasoline Service Stations, NEC
2005	VANJAR BEN	Gasoline Service Stations, NEC
2006	VANJAR BEN	Gasoline Service Stations, NEC
2007	VANJAR BEN	Gasoline Service Stations, NEC
2008	VANJAR BEN	Gasoline Service Stations, NEC
2009	VANJAR BEN	Gasoline Service Stations, NEC
2010	VANJAR BEN	Gasoline Service Stations, NEC
2011	VANJAR BEN	Gasoline Service Stations, NEC
2012	VANJAR BEN	Gasoline Service Stations, NEC
2013	VANJAR BEN	Gasoline Service Stations, NEC
2014	VANJAR BEN	Gasoline Service Stations, NEC

M63 **RACEWAY #774**
ESE **2335 SR 16**
1/4-1/2 **SAINT AUGUSTINE, FL 32095**
0.275 mi.
1451 ft. **Site 2 of 2 in cluster M**

LUST **U001372552**
UST **N/A**
CLEANUP SITES
DWM CONTAM

Actual: LUST:
43 ft.

Focus Map:
10

Name:	RACEWAY #774
Address:	2335 SR 16
City,State,Zip:	SAINT AUGUSTINE, FL 32095
Region:	STATE
Facility Id:	8516011
Facility Status:	CLOSED
Facility Type:	A - Retail Station
Facility Phone:	Not reported
Facility Cleanup Rank:	255
District:	Northeast District
Lat/Long (dms):	29 54 58.1242999 / 81 24 30.8320000
Section:	Not reported
Township:	Not reported
Range:	Not reported
Feature:	Not reported
Method:	UNVR
Datum:	0
Score:	10
Score Effective Date:	2011-04-26 00:00:00
Score When Ranked:	84
Operator:	RACEWAY
Name Update:	Not reported
Address Update:	Not reported

Petroleum Cleanup PCT Facility Score:
Facility Cleanup Status: ONGO - ONGOING
Contact: MAX BURMEISTER

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

RACEWAY #774 (Continued)

U001372552

Contact Company: RACETRAC PETROLEUM INC
Contact Address: 200 GALLERIA PKWY SE #900
Contact City/State/Zip: Atlanta, GA 30339
Phone: (770)431-7600
Bad Address Ind: N
State: FL
Zip: 32095, 819
Score: 10
Score Effective Date: 2011-04-26 00:00:00
Related Party ID: 17748
Primary RP Role: ACCOUNT OWNER
RP Begin Date: 1994-05-20
RP Zip: 5945
RP Extension: 1123

Discharge Cleanup Summary:

Discharge Date: 12/13/1988
PCT Discharge Combined: Not reported
Cleanup Required: R - CLEANUP REQUIRED
Discharge Cleanup Status: RA - RA ONGOING
Disch Cleanup Status Date: 6/18/1998
Cleanup Work Status: ACTIVE
Information Source: E - EDI
Other Source Description: Not reported
Eligibility Indicator: E - ELIGIBLE
Site Manager: PHILLIPS_JD
Site Mgr End Date: Not reported
Tank Office: PCLP16 - CITY OF JAX NEIGHBORHOODS DEPT ENVIRO QUAL DIV

Petroleum Cleanup Program Eligibility:

Facility ID: 8516011
Discharge Date: 12/13/1988
Pct Discharge Combined With: Not reported
Cleanup Required: R - CLEANUP REQUIRED
Discharge Cleanup Status: RA - RA ONGOING
Disch Cleanup Status Date: 6/18/1998
Cleanup Work Status: ACTIVE
Information Source: E - EDI
Other Source Description: Not reported
Application Received Date: 1989-01-03 00:00:00
Cleanup Program: E - EARLY DETECTION INCENTIVE
Eligibility Status: 1991-06-24 00:00:00
Elig Status Date: 1991-06-24 00:00:00
Letter Of Intent Date: 1991-05-31 00:00:00
Redetermined: No
Inspection Date: 1990-03-16 00:00:00
Site Manager: PHILLIPS_JD
Site Mgr End Date: Not reported
Tank Office: PCLP16 - CITY OF JAX NEIGHBORHOODS DEPT ENVIRO QUAL DIV
Deductible Amount: Not reported
Deductible Paid To Date: 0
Co-Pay Amount: Not reported
Co-Pay Paid To Date: 0
Cap Amount: Not reported

Contaminated Media:

Discharge Date: 12/13/1988
Pct Discharge Combined With: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

RACEWAY #774 (Continued)

U001372552

Cleanup Required: R - CLEANUP REQUIRED
Discharge Cleanup Status: RA - RA ONGOING
Disch Cleanup Status Date: 6/18/1998
Cleanup Work Status: ACTIVE
Information Source: E - EDI
Other Source Description: Not reported
Elig Indicator: E - ELIGIBLE
Site Manager: PHILLIPS_JD
Site Mgr End Date: Not reported
Tank Office: PCLP16 - CITY OF JAX NEIGHBORH
Contaminated Drinking Wells: 0
Contaminated Monitoring Well: Yes
Contaminated Soil: Yes
Contaminated Surface Water: No
Contaminated Ground Water: Yes
Pollutant: B - Unleaded Gas
Pollutant Other Description: Not reported
Gallons Discharged: 3521

Task Information:

District: NED
Facility ID: 8516011
Facility Status: CLOSED
Facility Type: A - Retail Station -
County: ST. JOHNS
County ID: 55
Cleanup Eligibility Status: E
Source Effective Date: Not reported
Discharge Date: 12-13-1988
Cleanup Required: R - CLEANUP REQUIRED
Discharge Cleanup Status: RA - RA ONGOING
Disch Cleanup Status Date: 06-18-1998
SRC Action Type: -
SRC Submit Date: Not reported
SRC Review Date: Not reported
SRC Completion Status: -
SRC Issue Date: Not reported
SRC Comment: Not reported
Cleanup Work Status: INACTIVE
Site Mgr: MOLOSKY_V
Site Mgr End Date: 11-12-2012
Tank Office: PCTM5 - Team 5
SR Task ID: 14887
SR Cleanup Responsible: RP - RESPONSIBLE PARTY
SR Funding Eligibility Type: -
SR Actual Cost: Not reported
SR Completion Date: 04-07-1990
SR Payment Date: Not reported
SR Oral Date: Not reported
SR Written Date: 02-01-1989
SR Soil Removal: Y
SR Free Product Removal: Y
SR Soil Tonnage Removed: 164
SR Soil Treatment: Not reported
SR Other Treatment: 1800 GALS FP
SR Alternate Proc Received Date: Not reported
SR Alternate Procedure Status: Not reported
SR Alternate Procedure Status Date: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

RACEWAY #774 (Continued)

U001372552

SR Alternate Procedure Comments: Not reported
SA Task ID: 14888
SA Cleanup Responsible: RP - RESPONSIBLE PARTY
SA Funding Eligibility Type: -
SA Actual Cost: Not reported
SA Completion Date: Not reported
SA Payment Date: Not reported
RAP Task ID: 14889
RAP Cleanup Responsible ID: RP - RESPONSIBLE PARTY
RAP Funding Eligibility Type: -
RAP Actual Cost: Not reported
RAP Completion Date: Not reported
RAP Payment Date: Not reported
RAP Last Order Approved: Not reported
RA Task ID: 14890
RA Cleanup Responsible: RP - RESPONSIBLE PARTY
RA Funding Eligibility Type: -
RA Years to Complete: Not reported
RA Actual Cost: Not reported

[Click here for Florida Oculus:](#)

UST:

Facility ID: 8516011
Name: RACEWAY #774
Address: 2335 SR 16
City,State,Zip: SAINT AUGUSTINE, FL 32095
Facility Phone: Not reported
Facility Status: CLOSED
Facility Type: A
Type Description: Retail Station
Depco: P
Region: STATE
Positioning Method: UNVR
Latitude/Longitude: 29 54 57 / 81 24 30

UST:

Tank ID: 1
Tank Capacity: 12000
Tank Location: UNDERGROUND
Tank Status: B
Status Date: 04/30/1990
Install Date: 10/1/1976
Substance: A
Content Description: Leaded Gas
Vessel Indicator: TANK
DEP Contractor: P

Owner:

Owner ID: 17748
Owner Name: RACETRAC PETROLEUM INC
Owner Address: 200 GALLERIA PKWY SE #900
Owner Address 2: ATTN: STORAGE TANK REGIS
Owner City,State,Zip: Atlanta, GA 30339
Owner Contact: MAX BURMEISTER
Owner Phone: 7704317600

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

RACEWAY #774 (Continued)

U001372552

Tank ID: 2
Tank Capacity: 12000
Tank Location: UNDERGROUND
Tank Status: B
Status Date: 04/30/1990
Install Date: 10/1/1976
Substance: B
Content Description: Unleaded Gas
Vessel Indicator: TANK
DEP Contractor: P

Owner:

Owner ID: 17748
Owner Name: RACETRAC PETROLEUM INC
Owner Address: 200 GALLERIA PKWY SE #900
Owner Address 2: ATTN: STORAGE TANK REGIS
Owner City,State,Zip: Atlanta, GA 30339
Owner Contact: MAX BURMEISTER
Owner Phone: 7704317600

Tank ID: 3
Tank Capacity: 12000
Tank Location: UNDERGROUND
Tank Status: B
Status Date: 04/30/1990
Install Date: 10/1/1976
Substance: B
Content Description: Unleaded Gas
Vessel Indicator: TANK
DEP Contractor: P

Owner:

Owner ID: 17748
Owner Name: RACETRAC PETROLEUM INC
Owner Address: 200 GALLERIA PKWY SE #900
Owner Address 2: ATTN: STORAGE TANK REGIS
Owner City,State,Zip: Atlanta, GA 30339
Owner Contact: MAX BURMEISTER
Owner Phone: 7704317600

CLEANUP SITES:

Name: RACEWAY #774
Address: 2335 SR 16
City,State,Zip: SAINT AUGUSTINE, FL 32095
DEP Cleanup Site Key: 74751669
Source Database Name: Storage Tank Contamination Monitoring
Source Database Id: 8516011
CPAC Program Area Id: TK
CLLC Cleanup Category Key: PETRO
RSC2 Remediation Status Key: ACTIVE
Data Load Date: 02/20/2023
OC3 Office Id: NED
Physical Address Line 2: Not reported
OIC Object Of Interest Id: FACIL
PC2 Proximity Id: EXACT

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

RACEWAY #774 (Continued)

U001372552

Calc Coordinates Accuracy Level Id: 4
CMC2 Coordinate Method Id: Digital Aerial Photography With Ground Control
DC4 Datum Id: High Accuracy Reference Network
VSC1 Verification Status: REVIEWED
Collect Username: CALTA_H
Collect Date: 08/23/2004
Collect Affiliation: FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
Map Source: 1999 doqs
Map Source Scale: 5000
Interpolation Scale: Not reported
Verifier Username: CALTA_H
Verifier Affiliation: FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
Verification Date: 08/23/2004
Verified Coordinate Method Id: Digital Aerial Photography With Ground Control
Source Database Name Code: STCM
CMC2 Coordinate Method ID Code: DPHO
DC4 Datum ID Code: HARN
Verified Coordinate Method ID Code: DPHO
Comments: Not reported
Latitude/Longitude (deg/min/sec): 29 54 / 81 24

DWM CONTAM:

Name: RACEWAY #774
Address: 2335 SR 16
City,State,Zip: SAINT AUGUSTINE, FL 32095
Program Site Id: 8516011
Lat DD: 29
Lat MM: 54
Lat SS: Not reported
Long DD: 81
Long MM: 24
Long SS: 30
Office/ District: NED
Program Area: PETROLEUM
Priority Score: Not reported
Datum: 0
Method: UNVR
Facility Status: ON HOLD-STCM
Facility Type: A - Retail Station
Score Effective Date: 2011-04-26 00:00:00
Score When Ranked: 84
Rank: 255
Operator: Not reported
Phone: Not reported
Name Changed: Not reported
Addr Changed: Not reported
Related Party ID: 17748
Primary RP Role: ACCOUNT OWNER
RP Begin Date: 5/20/1994
RP Name: RACETRAC PETROLEUM INC
RP Address1: 200 GALLERIA PKWY SE
RP Address2: STE 900
RP City: ATLANTA
RP State: GA
RP Zip5: 30339
RP Zip4: 5945
Contact: JORDAN WOODFIN

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

RACEWAY #774 (Continued)

U001372552

RP Phone: (770)431-7600
RP Extension: 1123
Site Manager: Not reported

N64 SHELL-FIRST COAST ENERGY #1026
ESE 2355 HWY 16
1/4-1/2 SAINT AUGUSTINE, FL
0.293 mi.
1547 ft. Site 1 of 8 in cluster N

RGA LUST S115196557
N/A

Actual: RGA LUST:
41 ft.

Focus Map:
10

2012	SHELL-FIRST COAST ENERGY #1026	2355 HWY 16
2011	SHELL-FIRST COAST ENERGY #1026	2355 HWY 16
2010	SHELL-FIRST COAST ENERGY #1026	2355 HWY 16
2009	SHELL-FIRST COAST ENERGY #1026	2355 HWY 16
2008	SHELL-FIRST COAST ENERGY #1026	2355 HWY 16
2007	SHELL-FIRST COAST ENERGY #1026	2355 HWY 16
2006	SHELL-FIRST COAST ENERGY #1026	2355 HWY 16

N65 SHELL-FIRST COAST ENERGY #345
ESE 2355 HWY 16
1/4-1/2 SAINT AUGUSTINE, FL
0.293 mi.
1547 ft. Site 2 of 8 in cluster N

RGA LUST S115196743
N/A

Actual: RGA LUST:
41 ft.

Focus Map:
10

2005	SHELL-FIRST COAST ENERGY #345	2355 HWY 16
2004	SHELL-FIRST COAST ENERGY #345	2355 HWY 16
2003	SHELL-FIRST COAST ENERGY #345	2355 HWY 16
2002	SHELL-FIRST COAST ENERGY #345	2355 HWY 16
2001	SHELL-FIRST COAST ENERGY #345	2355 HWY 16

N66 SHELL-FIRST COAST ENERGY #1041
ESE SR 16 & I-95
1/4-1/2 SAINT AUGUSTINE, FL 32084
0.316 mi.
1668 ft. Site 3 of 8 in cluster N

LUST U001037768
UST N/A
DWM CONTAM
Financial Assurance

Actual:
39 ft.

Focus Map:
12

LUST:
Name: SHELL-FIRST COAST ENERGY #1041
Address: SR 16 & I-95
City,State,Zip: SAINT AUGUSTINE, FL 32084
Region: STATE
Facility Id: 8631101
Facility Status: CLOSED
Facility Type: A - Retail Station
Facility Phone: Not reported
Facility Cleanup Rank: 1024
District: Northeast District
Lat/Long (dms): 29 54 58.0017 / 81 24 33.0007999
Section: Not reported
Township: Not reported
Range: Not reported
Feature: Not reported
Method: AGPS

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SHELL-FIRST COAST ENERGY #1041 (Continued)

U001037768

Datum: 0
Score: 73
Score Effective Date: 1997-11-04 00:00:00
Score When Ranked: 73
Operator: Not reported
Name Update: 1999-04-29 00:00:00
Address Update: 1995-05-10 00:00:00

Petroleum Cleanup PCT Facility Score:

Facility Cleanup Status: CMPL - COMPLETED
Contact: KEVIN KUSMIREK / ENVIRONMENTAL DEPARTMENT
Contact Company: FIRST COAST ENERGY LLP
Contact Address: 6867 SOUTHPOINT DR N
Contact City/State/Zip: Jacksonville, FL 32216
Phone: (904)596-3242
Bad Address Ind: N
State: FL
Zip: 32084
Score: 73
Score Effective Date: 1997-11-04 00:00:00
Related Party ID: 45875
Primary RP Role: ACCOUNT OWNER
RP Begin Date: 1999-04-29
RP Zip: 6940
RP Extension: Not reported

Discharge Cleanup Summary:

Discharge Date: 2/7/1994
PCT Discharge Combined: Not reported
Cleanup Required: N - NO CLEANUP REQUIRED
Discharge Cleanup Status: NREQ - CLEANUP NOT REQUIRED
Disch Cleanup Status Date: 7/7/2003
Cleanup Work Status: COMPLETED
Information Source: D - DISCHARGE NOTIFICATION
Other Source Description: Not reported
Eligibility Indicator: I - INELIGIBLE
Site Manager: COMPTON_E
Site Mgr End Date: 7/7/2003
Tank Office: PCTM2 - PETROLEUM CLEANUP TEAM 2
Discharge Date: 3/10/1987
PCT Discharge Combined: Not reported
Cleanup Required: R - CLEANUP REQUIRED
Discharge Cleanup Status: SRCR - SRCR COMPLETE
Disch Cleanup Status Date: 5/10/2006
Cleanup Work Status: COMPLETED
Information Source: E - EDI
Other Source Description: Not reported
Eligibility Indicator: E - ELIGIBLE
Site Manager: COMPTON_E
Site Mgr End Date: 5/10/2006
Tank Office: PCTM2 - PETROLEUM CLEANUP TEAM 2

Petroleum Cleanup Program Eligibility:

Facility ID: 8631101
Discharge Date: 2/7/1994
Pct Discharge Combined With: Not reported
Cleanup Required: N - NO CLEANUP REQUIRED
Discharge Cleanup Status: NREQ - CLEANUP NOT REQUIRED

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SHELL-FIRST COAST ENERGY #1041 (Continued)

U001037768

Disch Cleanup Status Date: 7/7/2003
Cleanup Work Status: COMPLETED
Information Source: D - DISCHARGE NOTIFICATION
Other Source Description: Not reported
Application Received Date: Not reported
Cleanup Program: C - PETROLEUM CLEANUP PARTICIPATION PROGRAM
Eligibility Status: Not reported
Elig Status Date: Not reported
Letter Of Intent Date: Not reported
Redetermined: No
Inspection Date: Not reported
Site Manager: COMPTON_E
Site Mgr End Date: 7/7/2003
Tank Office: PCTM2 - PETROLEUM CLEANUP TEAM 2
Deductible Amount: Not reported
Deductible Paid To Date: Not reported
Co-Pay Amount: Not reported
Co-Pay Paid To Date: Not reported
Cap Amount: Not reported
Facility ID: 8631101
Discharge Date: 3/10/1987
Pct Discharge Combined With: Not reported
Cleanup Required: R - CLEANUP REQUIRED
Discharge Cleanup Status: SRCR - SRCR COMPLETE
Disch Cleanup Status Date: 5/10/2006
Cleanup Work Status: COMPLETED
Information Source: E - EDI
Other Source Description: Not reported
Application Received Date: 1987-03-27 00:00:00
Cleanup Program: E - EARLY DETECTION INCENTIVE
Eligibility Status: 1988-04-07 00:00:00
Elig Status Date: 1988-04-07 00:00:00
Letter Of Intent Date: 1987-03-27 00:00:00
Redetermined: No
Inspection Date: 1987-05-12 00:00:00
Site Manager: COMPTON_E
Site Mgr End Date: 5/10/2006
Tank Office: PCTM2 - PETROLEUM CLEANUP TEAM 2
Deductible Amount: Not reported
Deductible Paid To Date: 0
Co-Pay Amount: Not reported
Co-Pay Paid To Date: 0
Cap Amount: Not reported

Contaminated Media:
Discharge Date: 2/7/1994
Pct Discharge Combined With: Not reported
Cleanup Required: N - NO CLEANUP REQUIRED
Discharge Cleanup Status: NREQ - CLEANUP NOT REQUIRED
Disch Cleanup Status Date: 7/7/2003
Cleanup Work Status: COMPLETED
Information Source: D - DISCHARGE NOTIFICATION
Other Source Description: Not reported
Elig Indicator: I - INELIGIBLE
Site Manager: COMPTON_E
Site Mgr End Date: 7/7/2003
Tank Office: PCTM2 - PETROLEUM CLEANUP TEAM
Contaminated Drinking Wells: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SHELL-FIRST COAST ENERGY #1041 (Continued)

U001037768

Contaminated Monitoring Well: Not reported
Contaminated Soil: Not reported
Contaminated Surface Water: Not reported
Contaminated Ground Water: Not reported
Pollutant: B - Unleaded Gas
Pollutant Other Description: Not reported
Gallons Discharged: 30
Discharge Date: 3/10/1987
Pct Discharge Combined With: Not reported
Cleanup Required: R - CLEANUP REQUIRED
Discharge Cleanup Status: SRCR - SRCR COMPLETE
Disch Cleanup Status Date: 5/10/2006
Cleanup Work Status: COMPLETED
Information Source: E - EDI
Other Source Description: Not reported
Elig Indicator: E - ELIGIBLE
Site Manager: COMPTON_E
Site Mgr End Date: 5/10/2006
Tank Office: PCTM2 - PETROLEUM CLEANUP TEAM
Contaminated Drinking Wells: 1
Contaminated Monitoring Well: Yes
Contaminated Soil: Yes
Contaminated Surface Water: No
Contaminated Ground Water: Yes
Pollutant: Y - Unknown/Not Reported
Pollutant Other Description: Not reported
Gallons Discharged: Not reported

Task Information:

District: NED
Facility ID: 8631101
Facility Status: CLOSED
Facility Type: A - Retail Station -
County: ST. JOHNS
County ID: 55
Cleanup Eligibility Status: I
Source Effective Date: Not reported
Discharge Date: 02-07-1994
Cleanup Required: N - NO CLEANUP REQUIRED
Discharge Cleanup Status: NREQ - CLEANUP NOT REQUIRED
Disch Cleanup Status Date: 07-07-2003
SRC Action Type: -
SRC Submit Date: Not reported
SRC Review Date: Not reported
SRC Completion Status: -
SRC Issue Date: Not reported
SRC Comment: Not reported
Cleanup Work Status: COMPLETED
Site Mgr: COMPTON_E
Site Mgr End Date: 07-07-2003
Tank Office: PCTM2 - Team 2
SR Task ID: Not reported
SR Cleanup Responsible: -
SR Funding Eligibility Type: -
SR Actual Cost: Not reported
SR Completion Date: Not reported
SR Payment Date: Not reported
SR Oral Date: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SHELL-FIRST COAST ENERGY #1041 (Continued)

U001037768

SR Written Date: Not reported
SR Soil Removal: Not reported
SR Free Product Removal: Not reported
SR Soil Tonnage Removed: Not reported
SR Soil Treatment: Not reported
SR Other Treatment: Not reported
SR Alternate Proc Received Date: Not reported
SR Alternate Procedure Status: Not reported
SR Alternate Procedure Status Date: Not reported
SR Alternate Procedure Comments: Not reported
SA Task ID: 69306
SA Cleanup Responsible: -
SA Funding Eligibility Type: -
SA Actual Cost: Not reported
SA Completion Date: Not reported
SA Payment Date: Not reported
RAP Task ID: 68995
RAP Cleanup Responsible ID: -
RAP Funding Eligibility Type: -
RAP Actual Cost: Not reported
RAP Completion Date: Not reported
RAP Payment Date: Not reported
RAP Last Order Approved: Not reported
RA Task ID: 69133
RA Cleanup Responsible: -
RA Funding Eligibility Type: -
RA Years to Complete: Not reported
RA Actual Cost: Not reported
District: NED
Facility ID: 8631101
Facility Status: CLOSED
Facility Type: A - Retail Station -
County: ST. JOHNS
County ID: 55
Cleanup Eligibility Status: E
Source Effective Date: 05-10-2006
Discharge Date: 03-10-1987
Cleanup Required: R - CLEANUP REQUIRED
Discharge Cleanup Status: SRCR - SRCR COMPLETE
Disch Cleanup Status Date: 05-10-2006
SRC Action Type: SRCR - SITE REHABILITATION COMPLETION REPORT
SRC Submit Date: 04-26-2006
SRC Review Date: 05-10-2006
SRC Completion Status: A - APPROVED
SRC Issue Date: 05-10-2006
SRC Comment: SRCO ISUED 5/10/06
Cleanup Work Status: COMPLETED
Site Mgr: COMPTON_E
Site Mgr End Date: 05-10-2006
Tank Office: PCTM2 - Team 2
SR Task ID: 14792
SR Cleanup Responsible: RP - RESPONSIBLE PARTY
SR Funding Eligibility Type: -
SR Actual Cost: Not reported
SR Completion Date: 10-25-2001
SR Payment Date: Not reported
SR Oral Date: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SHELL-FIRST COAST ENERGY #1041 (Continued)

U001037768

SR Written Date: Not reported
SR Soil Removal: Y
SR Free Product Removal: Not reported
SR Soil Tonnage Removed: 883
SR Soil Treatment: Not reported
SR Other Treatment: Not reported
SR Alternate Proc Received Date: Not reported
SR Alternate Procedure Status: Not reported
SR Alternate Procedure Status Date: Not reported
SR Alternate Procedure Comments: Not reported
SA Task ID: 14793
SA Cleanup Responsible: RP - RESPONSIBLE PARTY
SA Funding Eligibility Type: -
SA Actual Cost: \$71,935.00
SA Completion Date: 10-23-1989
SA Payment Date: 07-30-1990
RAP Task ID: 14794
RAP Cleanup Responsible ID: ST - STATE
RAP Funding Eligibility Type: -
RAP Actual Cost: Not reported
RAP Completion Date: 08-24-1998
RAP Payment Date: Not reported
RAP Last Order Approved: Not reported
RA Task ID: 14795
RA Cleanup Responsible: ST - STATE
RA Funding Eligibility Type: -
RA Years to Complete: 0
RA Actual Cost: Not reported

[Click here for Florida Oculus:](#)

UST:

Facility ID: 8631101
Name: SHELL-FIRST COAST ENERGY #1041
Address: SR 16 & I-95
City,State,Zip: SAINT AUGUSTINE, FL 32084
Facility Phone: Not reported
Facility Status: CLOSED
Facility Type: A
Type Description: Retail Station
Depco: P
Region: STATE
Positioning Method: AGPS
Latitude/Longitude: 29 54 58 / 81 24 33

UST:

Tank ID: 1
Tank Capacity: 3000
Tank Location: UNDERGROUND
Tank Status: B
Status Date: 10/25/2001
Install Date: 7/1/1975
Substance: B
Content Description: Unleaded Gas
Vessel Indicator: TANK
DEP Contractor: P

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SHELL-FIRST COAST ENERGY #1041 (Continued)

U001037768

Owner:

Owner ID: 45875
Owner Name: FIRST COAST ENERGY LLP
Owner Address: 6867 SOUTHPOINT DR N
Owner Address 2: ATTN: KEVIN KUSMIREK
Owner City,State,Zip: Jacksonville, FL 32216
Owner Contact: KEVIN KUSMIREK / ENVIRONMENTAL DEPARTMENT
Owner Phone: 9045963242

Tank ID: 2
Tank Capacity: 3000
Tank Location: UNDERGROUND
Tank Status: B
Status Date: 10/25/2001
Install Date: 7/1/1975
Substance: B
Content Description: Unleaded Gas
Vessel Indicator: TANK
DEP Contractor: P

Owner:

Owner ID: 45875
Owner Name: FIRST COAST ENERGY LLP
Owner Address: 6867 SOUTHPOINT DR N
Owner Address 2: ATTN: KEVIN KUSMIREK
Owner City,State,Zip: Jacksonville, FL 32216
Owner Contact: KEVIN KUSMIREK / ENVIRONMENTAL DEPARTMENT
Owner Phone: 9045963242

Tank ID: 3
Tank Capacity: 3000
Tank Location: UNDERGROUND
Tank Status: B
Status Date: 10/25/2001
Install Date: 7/1/1975
Substance: B
Content Description: Unleaded Gas
Vessel Indicator: TANK
DEP Contractor: P

Owner:

Owner ID: 45875
Owner Name: FIRST COAST ENERGY LLP
Owner Address: 6867 SOUTHPOINT DR N
Owner Address 2: ATTN: KEVIN KUSMIREK
Owner City,State,Zip: Jacksonville, FL 32216
Owner Contact: KEVIN KUSMIREK / ENVIRONMENTAL DEPARTMENT
Owner Phone: 9045963242

Tank ID: 4
Tank Capacity: 3000
Tank Location: UNDERGROUND
Tank Status: B
Status Date: 10/25/2001
Install Date: 7/1/1975

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SHELL-FIRST COAST ENERGY #1041 (Continued)

U001037768

Substance: B
Content Description: Unleaded Gas
Vessel Indicator: TANK
DEP Contractor: P

Owner:

Owner ID: 45875
Owner Name: FIRST COAST ENERGY LLP
Owner Address: 6867 SOUTHPOINT DR N
Owner Address 2: ATTN: KEVIN KUSMIREK
Owner City,State,Zip: Jacksonville, FL 32216
Owner Contact: KEVIN KUSMIREK / ENVIRONMENTAL DEPARTMENT
Owner Phone: 9045963242

Tank ID: 9
Tank Capacity: 550
Tank Location: UNDERGROUND
Tank Status: B
Status Date: 09/30/1991
Install Date: Not reported
Substance: M
Content Description: Fuel Oil - Onsite Heat
Vessel Indicator: TANK
DEP Contractor: P

Owner:

Owner ID: 45875
Owner Name: FIRST COAST ENERGY LLP
Owner Address: 6867 SOUTHPOINT DR N
Owner Address 2: ATTN: KEVIN KUSMIREK
Owner City,State,Zip: Jacksonville, FL 32216
Owner Contact: KEVIN KUSMIREK / ENVIRONMENTAL DEPARTMENT
Owner Phone: 9045963242

Tank ID: 6
Tank Capacity: 3000
Tank Location: UNDERGROUND
Tank Status: B
Status Date: 10/25/2001
Install Date: 7/1/1975
Substance: B
Content Description: Unleaded Gas
Vessel Indicator: TANK
DEP Contractor: P

Owner:

Owner ID: 45875
Owner Name: FIRST COAST ENERGY LLP
Owner Address: 6867 SOUTHPOINT DR N
Owner Address 2: ATTN: KEVIN KUSMIREK
Owner City,State,Zip: Jacksonville, FL 32216
Owner Contact: KEVIN KUSMIREK / ENVIRONMENTAL DEPARTMENT
Owner Phone: 9045963242

Tank ID: 7
Tank Capacity: 550

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SHELL-FIRST COAST ENERGY #1041 (Continued)

U001037768

Tank Location: UNDERGROUND
Tank Status: A
Status Date: 01/01/1995
Install Date: 7/1/1975
Substance: D
Content Description: Vehicular Diesel
Vessel Indicator: TANK
DEP Contractor: P

Owner:

Owner ID: 45875
Owner Name: FIRST COAST ENERGY LLP
Owner Address: 6867 SOUTHPOINT DR N
Owner Address 2: ATTN: KEVIN KUSMIREK
Owner City,State,Zip: Jacksonville, FL 32216
Owner Contact: KEVIN KUSMIREK / ENVIRONMENTAL DEPARTMENT
Owner Phone: 9045963242

Tank ID: 8
Tank Capacity: 550
Tank Location: UNDERGROUND
Tank Status: B
Status Date: 09/30/1991
Install Date: Not reported
Substance: L
Content Description: Waste Oil
Vessel Indicator: TANK
DEP Contractor: P

Owner:

Owner ID: 45875
Owner Name: FIRST COAST ENERGY LLP
Owner Address: 6867 SOUTHPOINT DR N
Owner Address 2: ATTN: KEVIN KUSMIREK
Owner City,State,Zip: Jacksonville, FL 32216
Owner Contact: KEVIN KUSMIREK / ENVIRONMENTAL DEPARTMENT
Owner Phone: 9045963242

Tank ID: 5
Tank Capacity: 3000
Tank Location: UNDERGROUND
Tank Status: B
Status Date: 10/25/2001
Install Date: 7/1/1975
Substance: B
Content Description: Unleaded Gas
Vessel Indicator: TANK
DEP Contractor: P

Owner:

Owner ID: 45875
Owner Name: FIRST COAST ENERGY LLP
Owner Address: 6867 SOUTHPOINT DR N
Owner Address 2: ATTN: KEVIN KUSMIREK
Owner City,State,Zip: Jacksonville, FL 32216
Owner Contact: KEVIN KUSMIREK / ENVIRONMENTAL DEPARTMENT
Owner Phone: 9045963242

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SHELL-FIRST COAST ENERGY #1041 (Continued)

U001037768

DWM CONTAM:

Name: SHELL-FIRST COAST ENERGY #1041
Address: SR 16 & I-95
City,State,Zip: SAINT AUGUSTINE, FL
Program Site Id: 8631101
Lat DD: 29
Lat MM: 54
Lat SS: Not reported
Long DD: 81
Long MM: 24
Long SS: 33
Office/ District: NED
Program Area: PETROLEUM
Priority Score: Not reported
Datum: 0
Method: AGPS
Facility Status: CLOSED-STCM
Facility Type: Not reported
Score Effective Date: Not reported
Score When Ranked: Not reported
Rank: Not reported
Operator: Not reported
Phone: Not reported
Name Changed: Not reported
Addr Changed: Not reported
Related Party ID: Not reported
Primary RP Role: Not reported
RP Begin Date: Not reported
RP Name: Not reported
RP Address1: Not reported
RP Address2: Not reported
RP City: Not reported
RP State: Not reported
RP Zip5: Not reported
RP Zip4: Not reported
Contact: Not reported
RP Phone: Not reported
RP Extension: Not reported
Site Manager: Not reported

Name: SHELL-FIRST COAST ENERGY #1041
Address: SR 16 & I-95
City,State,Zip: SAINT AUGUSTINE, FL
Program Site Id: 8631101
Lat DD: 29
Lat MM: 54
Lat SS: Not reported
Long DD: 81
Long MM: 24
Long SS: 33
Office/ District: NED
Program Area: PETROLEUM
Priority Score: Not reported
Datum: 0
Method: AGPS
Facility Status: CLOSED-STCM
Facility Type: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SHELL-FIRST COAST ENERGY #1041 (Continued)

U001037768

Score Effective Date: Not reported
Score When Ranked: Not reported
Rank: Not reported
Operator: Not reported
Phone: Not reported
Name Changed: Not reported
Addr Changed: Not reported
Related Party ID: Not reported
Primary RP Role: Not reported
RP Begin Date: Not reported
RP Name: Not reported
RP Address1: Not reported
RP Address2: Not reported
RP City: Not reported
RP State: Not reported
RP Zip5: Not reported
RP Zip4: Not reported
Contact: Not reported
RP Phone: Not reported
RP Extension: Not reported
Site Manager: Not reported

FL Financial Assurance 3:

Name: SHELL-FIRST COAST ENERGY #1041
Address: SR 16 & I-95
City,State,Zip: SAINT AUGUSTINE, FL 32084
Region: 3
Facility ID: 8631101
Facility Phone: Not reported
Facility Status: CLOSED
Facility Type: A
Type Description: Retail Station
DEP CO: P
Financial Responsibility: INSURANCE
Insurance Company: GULF UNDERWRITERS
Effective Date: 08/01/2000
Expire Date: 04/02/2002
Owner ID: 45875
Owner Name: FIRST COAST ENERGY LLP
Owner Address: 6867 SOUTHPOINT DR N
Owner Address2: ATTN: KEVIN KUSMIREK
Owner City,St,Zip: Jacksonville, FL 32216
Contact: KEVIN KUSMIREK / ENVIRONMENTAL DEPARTMENT
Resp Party Phone: 9045963242

N67
ESE
1/4-1/2
0.320 mi.
1690 ft.
GATE #1207
2350 HWY 16 @ I-95
SAINT AUGUSTINE, FL 32095
Site 4 of 8 in cluster N

Actual:
40 ft.

Focus Map:
10

LUST:

Name: GATE #1207
Address: 2350 HWY 16 @ I-95
City,State,Zip: SAINT AUGUSTINE, FL 32095
Region: STATE
Facility Id: 8515980

LUST
UST
CLEANUP SITES
DWM CONTAM
Financial Assurance
U001372538
N/A

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GATE #1207 (Continued)

U001372538

Facility Status: OPEN
Facility Type: A - Retail Station
Facility Phone: (904)824-3395
Facility Cleanup Rank: Not reported
District: Northeast District
Lat/Long (dms): 29 55 2.51779999 / 81 24 33.503
Section: Not reported
Township: Not reported
Range: Not reported
Feature: Not reported
Method: AGPS
Datum: 0
Score: 66
Score Effective Date: 1997-11-04 00:00:00
Score When Ranked: Not reported
Operator: MARLENE TALLEY
Name Update: 2001-02-22 00:00:00
Address Update: 2005-07-22 00:00:00

Petroleum Cleanup PCT Facility Score:

Facility Cleanup Status: VCCR - VERIFIED CONTAMINATION - CLEANUP REQUIRED
Contact: MARLENE TALLEY (904) 448-2998
Contact Company: GATE PETROLEUM CO
Contact Address: 9540 SAN JOSE BLVD
Contact City/State/Zip: Jacksonville, FL 32257
Phone: (904)448-2998
Bad Address Ind: N
State: FL
Zip: 32095
Score: 66
Score Effective Date: 1997-11-04 00:00:00
Related Party ID: 8149
Primary RP Role: ACCOUNT OWNER
RP Begin Date: 2001-02-22
RP Zip: Not reported
RP Extension: Not reported

Discharge Cleanup Summary:

Discharge Date: 7/21/1992
PCT Discharge Combined: Not reported
Cleanup Required: R - CLEANUP REQUIRED
Discharge Cleanup Status: NFA - NFA COMPLETE
Disch Cleanup Status Date: 9/24/2002
Cleanup Work Status: COMPLETED
Information Source: I - PLIRP (INSURANCE)
Other Source Description: Not reported
Eligibility Indicator: E - ELIGIBLE
Site Manager: VOYLES_C
Site Mgr End Date: 9/24/2002
Tank Office: PCTM3 - PETROLEUM CLEANUP TEAM 3 - LP MGMT
Discharge Date: 7/31/1993
PCT Discharge Combined: Not reported
Cleanup Required: C - COMBINED CLEANUP REQUIRED
Discharge Cleanup Status: NFA - NFA COMPLETE
Disch Cleanup Status Date: 9/24/2002
Cleanup Work Status: COMPLETED
Information Source: D - DISCHARGE NOTIFICATION

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GATE #1207 (Continued)

U001372538

Other Source Description:	Not reported
Eligibility Indicator:	E - ELIGIBLE
Site Manager:	VOYLES_C
Site Mgr End Date:	9/24/2002
Tank Office:	PCTM3 - PETROLEUM CLEANUP TEAM 3 - LP MGMT
Discharge Date:	8/25/1992
PCT Discharge Combined:	Not reported
Cleanup Required:	R - CLEANUP REQUIRED
Discharge Cleanup Status:	NFA - NFA COMPLETE
Disch Cleanup Status Date:	9/24/2002
Cleanup Work Status:	COMPLETED
Information Source:	D - DISCHARGE NOTIFICATION
Other Source Description:	Not reported
Eligibility Indicator:	E - ELIGIBLE
Site Manager:	VOYLES_C
Site Mgr End Date:	9/24/2002
Tank Office:	PCTM3 - PETROLEUM CLEANUP TEAM 3 - LP MGMT
Discharge Date:	9/17/2018
PCT Discharge Combined:	Not reported
Cleanup Required:	R - CLEANUP REQUIRED
Discharge Cleanup Status:	VCCR - VERIFIED CONTAMINATION, CLEANUP REQUIRED
Disch Cleanup Status Date:	9/18/2018
Cleanup Work Status:	AWAITING
Information Source:	D - DISCHARGE NOTIFICATION
Other Source Description:	Not reported
Eligibility Indicator:	I - INELIGIBLE
Site Manager:	Not reported
Site Mgr End Date:	Not reported
Tank Office:	-
Discharge Date:	9/25/1989
PCT Discharge Combined:	Not reported
Cleanup Required:	R - CLEANUP REQUIRED
Discharge Cleanup Status:	NFA - NFA COMPLETE
Disch Cleanup Status Date:	9/24/2002
Cleanup Work Status:	COMPLETED
Information Source:	I - PLIRP (INSURANCE)
Other Source Description:	Not reported
Eligibility Indicator:	E - ELIGIBLE
Site Manager:	VOYLES_C
Site Mgr End Date:	9/24/2002
Tank Office:	PCTM3 - PETROLEUM CLEANUP TEAM 3 - LP MGMT
Discharge Date:	12/27/1988
PCT Discharge Combined:	Not reported
Cleanup Required:	R - CLEANUP REQUIRED
Discharge Cleanup Status:	NFA - NFA COMPLETE
Disch Cleanup Status Date:	9/24/2002
Cleanup Work Status:	COMPLETED
Information Source:	E - EDI
Other Source Description:	Not reported
Eligibility Indicator:	E - ELIGIBLE
Site Manager:	VOYLES_C
Site Mgr End Date:	9/24/2002
Tank Office:	PCTM3 - PETROLEUM CLEANUP TEAM 3 - LP MGMT

Petroleum Cleanup Program Eligibility:

Facility ID:	8515980
Discharge Date:	7/21/1992
Pct Discharge Combined With:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GATE #1207 (Continued)

U001372538

Cleanup Required:	R - CLEANUP REQUIRED
Discharge Cleanup Status:	NFA - NFA COMPLETE
Disch Cleanup Status Date:	9/24/2002
Cleanup Work Status:	COMPLETED
Information Source:	I - PLIRP (INSURANCE)
Other Source Description:	Not reported
Application Received Date:	1992-07-27 00:00:00
Cleanup Program:	P - PETROLEUM LIABILITY AND RESTORATION INSURANCE PROGRAM
Eligibility Status:	1992-09-25 00:00:00
Elig Status Date:	1992-09-25 00:00:00
Letter Of Intent Date:	1992-07-23 00:00:00
Redetermined:	No
Inspection Date:	1992-08-04 00:00:00
Site Manager:	VOYLES_C
Site Mgr End Date:	9/24/2002
Tank Office:	PCTM3 - PETROLEUM CLEANUP TEAM 3 - LP MGMT
Deductible Amount:	500
Deductible Paid To Date:	1000
Co-Pay Amount:	0
Co-Pay Paid To Date:	0
Cap Amount:	1000000
Facility ID:	8515980
Discharge Date:	8/25/1992
Pct Discharge Combined With:	Not reported
Cleanup Required:	R - CLEANUP REQUIRED
Discharge Cleanup Status:	NFA - NFA COMPLETE
Disch Cleanup Status Date:	9/24/2002
Cleanup Work Status:	COMPLETED
Information Source:	D - DISCHARGE NOTIFICATION
Other Source Description:	Not reported
Application Received Date:	1992-09-03 00:00:00
Cleanup Program:	P - PETROLEUM LIABILITY AND RESTORATION INSURANCE PROGRAM
Eligibility Status:	1993-10-29 00:00:00
Elig Status Date:	1993-10-29 00:00:00
Letter Of Intent Date:	1992-09-03 00:00:00
Redetermined:	No
Inspection Date:	1992-08-04 00:00:00
Site Manager:	VOYLES_C
Site Mgr End Date:	9/24/2002
Tank Office:	PCTM3 - PETROLEUM CLEANUP TEAM 3 - LP MGMT
Deductible Amount:	500
Deductible Paid To Date:	1000
Co-Pay Amount:	0
Co-Pay Paid To Date:	0
Cap Amount:	1000000
Facility ID:	8515980
Discharge Date:	9/25/1989
Pct Discharge Combined With:	Not reported
Cleanup Required:	R - CLEANUP REQUIRED
Discharge Cleanup Status:	NFA - NFA COMPLETE
Disch Cleanup Status Date:	9/24/2002
Cleanup Work Status:	COMPLETED
Information Source:	I - PLIRP (INSURANCE)
Other Source Description:	Not reported
Application Received Date:	1989-10-16 00:00:00
Cleanup Program:	P - PETROLEUM LIABILITY AND RESTORATION INSURANCE PROGRAM
Eligibility Status:	1989-11-14 00:00:00

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GATE #1207 (Continued)

U001372538

Elig Status Date:	1989-11-14 00:00:00
Letter Of Intent Date:	1988-12-30 00:00:00
Redetermined:	No
Inspection Date:	1989-10-30 00:00:00
Site Manager:	VOYLES_C
Site Mgr End Date:	9/24/2002
Tank Office:	PCTM3 - PETROLEUM CLEANUP TEAM 3 - LP MGMT
Deductible Amount:	500
Deductible Paid To Date:	500
Co-Pay Amount:	0
Co-Pay Paid To Date:	0
Cap Amount:	1000000
Facility ID:	8515980
Discharge Date:	12/27/1988
Pct Discharge Combined With:	Not reported
Cleanup Required:	R - CLEANUP REQUIRED
Discharge Cleanup Status:	NFA - NFA COMPLETE
Disch Cleanup Status Date:	9/24/2002
Cleanup Work Status:	COMPLETED
Information Source:	E - EDI
Other Source Description:	Not reported
Application Received Date:	1988-12-30 00:00:00
Cleanup Program:	E - EARLY DETECTION INCENTIVE
Eligibility Status:	1989-12-28 00:00:00
Elig Status Date:	1989-12-28 00:00:00
Letter Of Intent Date:	1988-12-30 00:00:00
Redetermined:	No
Inspection Date:	1989-10-30 00:00:00
Site Manager:	VOYLES_C
Site Mgr End Date:	9/24/2002
Tank Office:	PCTM3 - PETROLEUM CLEANUP TEAM 3 - LP MGMT
Deductible Amount:	Not reported
Deductible Paid To Date:	0
Co-Pay Amount:	Not reported
Co-Pay Paid To Date:	0
Cap Amount:	Not reported
Facility ID:	8515980
Discharge Date:	7/31/1993
Pct Discharge Combined With:	8/25/1992
Cleanup Required:	C - COMBINED CLEANUP REQUIRED
Discharge Cleanup Status:	NFA - NFA COMPLETE
Disch Cleanup Status Date:	9/24/2002
Cleanup Work Status:	COMPLETED
Information Source:	D - DISCHARGE NOTIFICATION
Other Source Description:	Not reported
Application Received Date:	1993-10-05 00:00:00
Cleanup Program:	P - PETROLEUM LIABILITY AND RESTORATION INSURANCE PROGRAM
Eligibility Status:	1993-10-29 00:00:00
Elig Status Date:	1993-10-29 00:00:00
Letter Of Intent Date:	1993-10-05 00:00:00
Redetermined:	No
Inspection Date:	1993-09-13 00:00:00
Site Manager:	VOYLES_C
Site Mgr End Date:	9/24/2002
Tank Office:	PCTM3 - PETROLEUM CLEANUP TEAM 3 - LP MGMT
Deductible Amount:	500
Deductible Paid To Date:	5000

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GATE #1207 (Continued)

U001372538

Co-Pay Amount:	Not reported
Co-Pay Paid To Date:	0
Cap Amount:	1000000
Contaminated Media:	
Discharge Date:	7/21/1992
Pct Discharge Combined With:	Not reported
Cleanup Required:	R - CLEANUP REQUIRED
Discharge Cleanup Status:	NFA - NFA COMPLETE
Disch Cleanup Status Date:	9/24/2002
Cleanup Work Status:	COMPLETED
Information Source:	I - PLIRP (INSURANCE)
Other Source Description:	Not reported
Elig Indicator:	E - ELIGIBLE
Site Manager:	VOYLES_C
Site Mgr End Date:	9/24/2002
Tank Office:	PCTM3 - PETROLEUM CLEANUP TEAM
Contaminated Drinking Wells:	Not reported
Contaminated Monitoring Well:	Not reported
Contaminated Soil:	Not reported
Contaminated Surface Water:	Not reported
Contaminated Ground Water:	Not reported
Pollutant:	D - Vehicular Diesel
Pollutant Other Description:	Not reported
Gallons Discharged:	74
Discharge Date:	7/31/1993
Pct Discharge Combined With:	8/25/1992
Cleanup Required:	C - COMBINED CLEANUP REQUIRED
Discharge Cleanup Status:	NFA - NFA COMPLETE
Disch Cleanup Status Date:	9/24/2002
Cleanup Work Status:	COMPLETED
Information Source:	D - DISCHARGE NOTIFICATION
Other Source Description:	Not reported
Elig Indicator:	E - ELIGIBLE
Site Manager:	VOYLES_C
Site Mgr End Date:	9/24/2002
Tank Office:	PCTM3 - PETROLEUM CLEANUP TEAM
Contaminated Drinking Wells:	Not reported
Contaminated Monitoring Well:	Not reported
Contaminated Soil:	Not reported
Contaminated Surface Water:	Not reported
Contaminated Ground Water:	Not reported
Pollutant:	D - Vehicular Diesel
Pollutant Other Description:	Not reported
Gallons Discharged:	26
Discharge Date:	8/25/1992
Pct Discharge Combined With:	Not reported
Cleanup Required:	R - CLEANUP REQUIRED
Discharge Cleanup Status:	NFA - NFA COMPLETE
Disch Cleanup Status Date:	9/24/2002
Cleanup Work Status:	COMPLETED
Information Source:	D - DISCHARGE NOTIFICATION
Other Source Description:	Not reported
Elig Indicator:	E - ELIGIBLE
Site Manager:	VOYLES_C
Site Mgr End Date:	9/24/2002
Tank Office:	PCTM3 - PETROLEUM CLEANUP TEAM
Contaminated Drinking Wells:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GATE #1207 (Continued)

U001372538

Contaminated Monitoring Well:	Not reported
Contaminated Soil:	Not reported
Contaminated Surface Water:	Not reported
Contaminated Ground Water:	Not reported
Pollutant:	D - Vehicular Diesel
Pollutant Other Description:	Not reported
Gallons Discharged:	100
Discharge Date:	9/25/1989
Pct Discharge Combined With:	Not reported
Cleanup Required:	R - CLEANUP REQUIRED
Discharge Cleanup Status:	NFA - NFA COMPLETE
Disch Cleanup Status Date:	9/24/2002
Cleanup Work Status:	COMPLETED
Information Source:	I - PLIRP (INSURANCE)
Other Source Description:	Not reported
Elig Indicator:	E - ELIGIBLE
Site Manager:	VOYLES_C
Site Mgr End Date:	9/24/2002
Tank Office:	PCTM3 - PETROLEUM CLEANUP TEAM
Contaminated Drinking Wells:	Not reported
Contaminated Monitoring Well:	Not reported
Contaminated Soil:	Not reported
Contaminated Surface Water:	Not reported
Contaminated Ground Water:	Not reported
Pollutant:	B - Unleaded Gas
Pollutant Other Description:	Not reported
Gallons Discharged:	Not reported
Discharge Date:	9/25/1989
Pct Discharge Combined With:	Not reported
Cleanup Required:	R - CLEANUP REQUIRED
Discharge Cleanup Status:	NFA - NFA COMPLETE
Disch Cleanup Status Date:	9/24/2002
Cleanup Work Status:	COMPLETED
Information Source:	I - PLIRP (INSURANCE)
Other Source Description:	Not reported
Elig Indicator:	E - ELIGIBLE
Site Manager:	VOYLES_C
Site Mgr End Date:	9/24/2002
Tank Office:	PCTM3 - PETROLEUM CLEANUP TEAM
Contaminated Drinking Wells:	Not reported
Contaminated Monitoring Well:	Not reported
Contaminated Soil:	Not reported
Contaminated Surface Water:	Not reported
Contaminated Ground Water:	Not reported
Pollutant:	D - Vehicular Diesel
Pollutant Other Description:	Not reported
Gallons Discharged:	Not reported
Discharge Date:	12/27/1988
Pct Discharge Combined With:	Not reported
Cleanup Required:	R - CLEANUP REQUIRED
Discharge Cleanup Status:	NFA - NFA COMPLETE
Disch Cleanup Status Date:	9/24/2002
Cleanup Work Status:	COMPLETED
Information Source:	E - EDI
Other Source Description:	Not reported
Elig Indicator:	E - ELIGIBLE
Site Manager:	VOYLES_C

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GATE #1207 (Continued)

U001372538

Site Mgr End Date: 9/24/2002
Tank Office: PCTM3 - PETROLEUM CLEANUP TEAM
Contaminated Drinking Wells: 0
Contaminated Monitoring Well: Yes
Contaminated Soil: Yes
Contaminated Surface Water: No
Contaminated Ground Water: Yes
Pollutant: Y - Unknown/Not Reported
Pollutant Other Description: Not reported
Gallons Discharged: Not reported

Task Information:

District: NED
Facility ID: 8515980
Facility Status: OPEN
Facility Type: A - Retail Station -
County: ST. JOHNS
County ID: 55
Cleanup Eligibility Status: E
Source Effective Date: 09-24-2002
Discharge Date: 07-21-1992
Cleanup Required: R - CLEANUP REQUIRED
Discharge Cleanup Status: NFA - NFA COMPLETE
Disch Cleanup Status Date: 09-24-2002
SRC Action Type: NFA - NO FURTHER ACTION
SRC Submit Date: 06-26-2002
SRC Review Date: 06-27-2002
SRC Completion Status: A - APPROVED
SRC Issue Date: 09-24-2002
SRC Comment: CAROLYN VOYLES
Cleanup Work Status: COMPLETED
Site Mgr: VOYLES_C
Site Mgr End Date: 09-24-2002
Tank Office: PCTM3 - Team 3
SR Task ID: Not reported
SR Cleanup Responsible: -
SR Funding Eligibility Type: -
SR Actual Cost: Not reported
SR Completion Date: Not reported
SR Payment Date: Not reported
SR Oral Date: Not reported
SR Written Date: Not reported
SR Soil Removal: Not reported
SR Free Product Removal: Not reported
SR Soil Tonnage Removed: Not reported
SR Soil Treatment: Not reported
SR Other Treatment: Not reported
SR Alternate Proc Received Date: Not reported
SR Alternate Procedure Status: Not reported
SR Alternate Procedure Status Date: Not reported
SR Alternate Procedure Comments: Not reported
SA Task ID: Not reported
SA Cleanup Responsible: -
SA Funding Eligibility Type: -
SA Actual Cost: Not reported
SA Completion Date: Not reported
SA Payment Date: Not reported
RAP Task ID: 68997

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GATE #1207 (Continued)

U001372538

RAP Cleanup Responsible ID: -
RAP Funding Eligibility Type: -
RAP Actual Cost: Not reported
RAP Completion Date: Not reported
RAP Payment Date: Not reported
RAP Last Order Approved: Not reported
RA Task ID: 69136
RA Cleanup Responsible: -
RA Funding Eligibility Type: -
RA Years to Complete: 0
RA Actual Cost: Not reported
District: NED
Facility ID: 8515980
Facility Status: OPEN
Facility Type: A - Retail Station -
County: ST. JOHNS
County ID: 55
Cleanup Eligibility Status: E
Source Effective Date: 09-24-2002
Discharge Date: 07-31-1993
Cleanup Required: C - COMBINED CLEANUP REQUIRED
Discharge Cleanup Status: NFA - NFA COMPLETE
Disch Cleanup Status Date: 09-24-2002
SRC Action Type: NFA - NO FURTHER ACTION
SRC Submit Date: 06-26-2002
SRC Review Date: 06-27-2002
SRC Completion Status: A - APPROVED
SRC Issue Date: 09-24-2002
SRC Comment: CAROLYN VOYLES
Cleanup Work Status: COMPLETED
Site Mgr: VOYLES_C
Site Mgr End Date: 09-24-2002
Tank Office: PCTM3 - Team 3
SR Task ID: Not reported
SR Cleanup Responsible: -
SR Funding Eligibility Type: -
SR Actual Cost: Not reported
SR Completion Date: Not reported
SR Payment Date: Not reported
SR Oral Date: Not reported
SR Written Date: Not reported
SR Soil Removal: Not reported
SR Free Product Removal: Not reported
SR Soil Tonnage Removed: Not reported
SR Soil Treatment: Not reported
SR Other Treatment: Not reported
SR Alternate Proc Received Date: Not reported
SR Alternate Procedure Status: Not reported
SR Alternate Procedure Status Date: Not reported
SR Alternate Procedure Comments: Not reported
SA Task ID: Not reported
SA Cleanup Responsible: -
SA Funding Eligibility Type: -
SA Actual Cost: Not reported
SA Completion Date: Not reported
SA Payment Date: Not reported
RAP Task ID: 68996

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GATE #1207 (Continued)

U001372538

RAP Cleanup Responsible ID: -
RAP Funding Eligibility Type: -
RAP Actual Cost: Not reported
RAP Completion Date: Not reported
RAP Payment Date: Not reported
RAP Last Order Approved: Not reported
RA Task ID: 69134
RA Cleanup Responsible: -
RA Funding Eligibility Type: -
RA Years to Complete: 0
RA Actual Cost: Not reported
District: NED
Facility ID: 8515980
Facility Status: OPEN
Facility Type: A - Retail Station -
County: ST. JOHNS
County ID: 55
Cleanup Eligibility Status: E
Source Effective Date: 09-24-2002
Discharge Date: 08-25-1992
Cleanup Required: R - CLEANUP REQUIRED
Discharge Cleanup Status: NFA - NFA COMPLETE
Disch Cleanup Status Date: 09-24-2002
SRC Action Type: NFA - NO FURTHER ACTION
SRC Submit Date: 06-26-2002
SRC Review Date: 06-27-2002
SRC Completion Status: A - APPROVED
SRC Issue Date: 09-24-2002
SRC Comment: CAROLYN VOYLES
Cleanup Work Status: COMPLETED
Site Mgr: VOYLES_C
Site Mgr End Date: 09-24-2002
Tank Office: PCTM3 - Team 3
SR Task ID: Not reported
SR Cleanup Responsible: -
SR Funding Eligibility Type: -
SR Actual Cost: Not reported
SR Completion Date: Not reported
SR Payment Date: Not reported
SR Oral Date: Not reported
SR Written Date: Not reported
SR Soil Removal: Not reported
SR Free Product Removal: Not reported
SR Soil Tonnage Removed: Not reported
SR Soil Treatment: Not reported
SR Other Treatment: Not reported
SR Alternate Proc Received Date: Not reported
SR Alternate Procedure Status: Not reported
SR Alternate Procedure Status Date: Not reported
SR Alternate Procedure Comments: Not reported
SA Task ID: Not reported
SA Cleanup Responsible: -
SA Funding Eligibility Type: -
SA Actual Cost: Not reported
SA Completion Date: Not reported
SA Payment Date: Not reported
RAP Task ID: 68884

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GATE #1207 (Continued)

U001372538

RAP Cleanup Responsible ID: -
RAP Funding Eligibility Type: -
RAP Actual Cost: Not reported
RAP Completion Date: 02-25-1994
RAP Payment Date: Not reported
RAP Last Order Approved: Not reported
RA Task ID: 69135
RA Cleanup Responsible: -
RA Funding Eligibility Type: -
RA Years to Complete: 0
RA Actual Cost: Not reported
District: NED
Facility ID: 8515980
Facility Status: OPEN
Facility Type: A - Retail Station -
County: ST. JOHNS
County ID: 55
Cleanup Eligibility Status: E
Source Effective Date: 09-24-2002
Discharge Date: 09-25-1989
Cleanup Required: R - CLEANUP REQUIRED
Discharge Cleanup Status: NFA - NFA COMPLETE
Disch Cleanup Status Date: 09-24-2002
SRC Action Type: NFA - NO FURTHER ACTION
SRC Submit Date: 06-26-2002
SRC Review Date: 06-27-2002
SRC Completion Status: A - APPROVED
SRC Issue Date: 09-24-2002
SRC Comment: CAROLYN VOYLES
Cleanup Work Status: COMPLETED
Site Mgr: VOYLES_C
Site Mgr End Date: 09-24-2002
Tank Office: PCTM3 - Team 3
SR Task ID: 14903
SR Cleanup Responsible: RP - RESPONSIBLE PARTY
SR Funding Eligibility Type: -
SR Actual Cost: Not reported
SR Completion Date: Not reported
SR Payment Date: Not reported
SR Oral Date: Not reported
SR Written Date: Not reported
SR Soil Removal: Not reported
SR Free Product Removal: Not reported
SR Soil Tonnage Removed: Not reported
SR Soil Treatment: Not reported
SR Other Treatment: Not reported
SR Alternate Proc Received Date: Not reported
SR Alternate Procedure Status: Not reported
SR Alternate Procedure Status Date: Not reported
SR Alternate Procedure Comments: Not reported
SA Task ID: 14904
SA Cleanup Responsible: RP - RESPONSIBLE PARTY
SA Funding Eligibility Type: -
SA Actual Cost: Not reported
SA Completion Date: Not reported
SA Payment Date: Not reported
RAP Task ID: 14905

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GATE #1207 (Continued)

U001372538

RAP Cleanup Responsible ID: ST - STATE
RAP Funding Eligibility Type: -
RAP Actual Cost: Not reported
RAP Completion Date: Not reported
RAP Payment Date: Not reported
RAP Last Order Approved: Not reported
RA Task ID: 14906
RA Cleanup Responsible: ST - STATE
RA Funding Eligibility Type: -
RA Years to Complete: 0
RA Actual Cost: Not reported
District: NED
Facility ID: 8515980
Facility Status: OPEN
Facility Type: A - Retail Station -
County: ST. JOHNS
County ID: 55
Cleanup Eligibility Status: E
Source Effective Date: 09-24-2002
Discharge Date: 12-27-1988
Cleanup Required: R - CLEANUP REQUIRED
Discharge Cleanup Status: NFA - NFA COMPLETE
Disch Cleanup Status Date: 09-24-2002
SRC Action Type: NFA - NO FURTHER ACTION
SRC Submit Date: 06-26-2002
SRC Review Date: 06-27-2002
SRC Completion Status: A - APPROVED
SRC Issue Date: 09-24-2002
SRC Comment: CAROLYN VOYLES
Cleanup Work Status: COMPLETED
Site Mgr: VOYLES_C
Site Mgr End Date: 09-24-2002
Tank Office: PCTM3 - Team 3
SR Task ID: 14907
SR Cleanup Responsible: RP - RESPONSIBLE PARTY
SR Funding Eligibility Type: -
SR Actual Cost: Not reported
SR Completion Date: 02-23-1998
SR Payment Date: Not reported
SR Oral Date: Not reported
SR Written Date: Not reported
SR Soil Removal: Y
SR Free Product Removal: Not reported
SR Soil Tonnage Removed: 1098
SR Soil Treatment: Not reported
SR Other Treatment: Not reported
SR Alternate Proc Received Date: Not reported
SR Alternate Procedure Status: Not reported
SR Alternate Procedure Status Date: Not reported
SR Alternate Procedure Comments: Not reported
SA Task ID: 14908
SA Cleanup Responsible: RP - RESPONSIBLE PARTY
SA Funding Eligibility Type: -
SA Actual Cost: Not reported
SA Completion Date: 09-25-1991
SA Payment Date: Not reported
RAP Task ID: 14909

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GATE #1207 (Continued)

U001372538

RAP Cleanup Responsible ID:	RP - RESPONSIBLE PARTY
RAP Funding Eligibility Type:	-
RAP Actual Cost:	Not reported
RAP Completion Date:	02-25-1994
RAP Payment Date:	Not reported
RAP Last Order Approved:	1994-02-25 00:00:00
RA Task ID:	14910
RA Cleanup Responsible:	RP - RESPONSIBLE PARTY
RA Funding Eligibility Type:	-
RA Years to Complete:	3
RA Actual Cost:	Not reported

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UST:

Facility ID:	8515980
Name:	GATE #1207
Address:	2350 HWY 16 @ I-95
City,State,Zip:	SAINT AUGUSTINE, FL 32095
Facility Phone:	9048243395
Facility Status:	OPEN
Facility Type:	A
Type Description:	Retail Station
Depco:	P
Region:	STATE
Positioning Method:	AGPS
Latitude/Longitude:	29 55 1 / 81 24 31

UST:

Tank ID:	14
Tank Capacity:	6000
Tank Location:	UNDERGROUND
Tank Status:	U
Status Date:	09/01/2017
Install Date:	9/1/2017
Substance:	9
Content Description:	Ethanol E85
Vessel Indicator:	TANK
DEP Contractor:	P

Owner:

Owner ID:	8149
Owner Name:	GATE PETROLEUM CO
Owner Address:	9540 SAN JOSE BLVD
Owner Address 2:	ATTN: STORAGE TANK REGIS
Owner City,State,Zip:	Jacksonville, FL 32257
Owner Contact:	MARLENE TALLEY (904) 448-2998
Owner Phone:	9044482998

Construction:

Tank ID:	14
Construction Category:	N
Construction Description:	Flow shut-Off

Tank ID:	14
Construction Category:	C
Construction Description:	Steel

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GATE #1207 (Continued)

U001372538

Tank ID:	14
Construction Category:	M
Construction Description:	Spill containment bucket
Tank ID:	14
Construction Category:	O
Construction Description:	Tight fill
Tank ID:	14
Construction Category:	F
Construction Description:	Fiberglass clad steel
Tank ID:	14
Construction Category:	I
Construction Description:	Double wall
Tank ID:	8
Construction Category:	M
Construction Description:	Spill containment bucket
Tank ID:	9
Construction Category:	M
Construction Description:	Spill containment bucket
Tank ID:	10
Construction Category:	M
Construction Description:	Spill containment bucket
Tank ID:	11
Construction Category:	M
Construction Description:	Spill containment bucket
Tank ID:	12
Construction Category:	M
Construction Description:	Spill containment bucket
Tank ID:	8
Construction Category:	I
Construction Description:	Double wall
Tank ID:	8
Construction Category:	E
Construction Description:	Fiberglass
Tank ID:	8
Construction Category:	A
Construction Description:	Ball check valve
Tank ID:	9
Construction Category:	I
Construction Description:	Double wall
Tank ID:	9
Construction Category:	E
Construction Description:	Fiberglass
Tank ID:	9

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GATE #1207 (Continued)

U001372538

Construction Category: A
Construction Description: Ball check valve

Tank ID: 10
Construction Category: I
Construction Description: Double wall

Tank ID: 10
Construction Category: E
Construction Description: Fiberglass

Tank ID: 10
Construction Category: A
Construction Description: Ball check valve

Tank ID: 11
Construction Category: I
Construction Description: Double wall

Tank ID: 11
Construction Category: E
Construction Description: Fiberglass

Tank ID: 11
Construction Category: A
Construction Description: Ball check valve

Tank ID: 12
Construction Category: I
Construction Description: Double wall

Tank ID: 12
Construction Category: E
Construction Description: Fiberglass

Tank ID: 12
Construction Category: A
Construction Description: Ball check valve

Tank ID: 12
Construction Category: L
Construction Description: Compartmented

Piping:

Tank ID: 8
Piping Category: N
Piping Description: Approved synthetic material

Tank ID: 8
Piping Category: F
Piping Description: Double wall

Tank ID: 8
Piping Category: J
Piping Description: Pressurized piping system

Tank ID: 8

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GATE #1207 (Continued)

U001372538

Piping Category:	K
Piping Description:	Dispenser liners
Tank ID:	9
Piping Category:	N
Piping Description:	Approved synthetic material
Tank ID:	9
Piping Category:	F
Piping Description:	Double wall
Tank ID:	9
Piping Category:	J
Piping Description:	Pressurized piping system
Tank ID:	9
Piping Category:	K
Piping Description:	Dispenser liners
Tank ID:	10
Piping Category:	N
Piping Description:	Approved synthetic material
Tank ID:	10
Piping Category:	F
Piping Description:	Double wall
Tank ID:	10
Piping Category:	J
Piping Description:	Pressurized piping system
Tank ID:	10
Piping Category:	K
Piping Description:	Dispenser liners
Tank ID:	11
Piping Category:	N
Piping Description:	Approved synthetic material
Tank ID:	11
Piping Category:	F
Piping Description:	Double wall
Tank ID:	11
Piping Category:	J
Piping Description:	Pressurized piping system
Tank ID:	11
Piping Category:	K
Piping Description:	Dispenser liners
Tank ID:	12
Piping Category:	N
Piping Description:	Approved synthetic material
Tank ID:	12
Piping Category:	F

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GATE #1207 (Continued)

U001372538

Piping Description:	Double wall
Tank ID:	12
Piping Category:	J
Piping Description:	Pressurized piping system
Tank ID:	12
Piping Category:	I
Piping Description:	Suction piping system
Tank ID:	14
Piping Category:	F
Piping Description:	Double wall
Tank ID:	14
Piping Category:	J
Piping Description:	Pressurized piping system
Tank ID:	14
Piping Category:	K
Piping Description:	Dispenser liners
Tank ID:	14
Piping Category:	C
Piping Description:	Fiberglass

Monitoring:

Tank ID:	8
Petro Monitoring Category:	1
Monitoring Description:	Continuous electronic sensing
Tank ID:	8
Petro Monitoring Category:	F
Monitoring Description:	Monitor dbl wall tank space
Tank ID:	9
Petro Monitoring Category:	F
Monitoring Description:	Monitor dbl wall tank space
Tank ID:	10
Petro Monitoring Category:	F
Monitoring Description:	Monitor dbl wall tank space
Tank ID:	11
Petro Monitoring Category:	F
Monitoring Description:	Monitor dbl wall tank space
Tank ID:	12
Petro Monitoring Category:	F
Monitoring Description:	Monitor dbl wall tank space
Tank ID:	9
Petro Monitoring Category:	1
Monitoring Description:	Continuous electronic sensing
Tank ID:	10
Petro Monitoring Category:	1

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GATE #1207 (Continued)

U001372538

Monitoring Description:	Continuous electronic sensing
Tank ID:	11
Petro Monitoring Category:	1
Monitoring Description:	Continuous electronic sensing
Tank ID:	12
Petro Monitoring Category:	1
Monitoring Description:	Continuous electronic sensing
Tank ID:	8
Petro Monitoring Category:	H
Monitoring Description:	Mechanical line leak detector
Tank ID:	8
Petro Monitoring Category:	K
Monitoring Description:	Monitor dbl wall pipe space
Tank ID:	9
Petro Monitoring Category:	K
Monitoring Description:	Monitor dbl wall pipe space
Tank ID:	9
Petro Monitoring Category:	H
Monitoring Description:	Mechanical line leak detector
Tank ID:	10
Petro Monitoring Category:	H
Monitoring Description:	Mechanical line leak detector
Tank ID:	11
Petro Monitoring Category:	H
Monitoring Description:	Mechanical line leak detector
Tank ID:	11
Petro Monitoring Category:	K
Monitoring Description:	Monitor dbl wall pipe space
Tank ID:	12
Petro Monitoring Category:	H
Monitoring Description:	Mechanical line leak detector
Tank ID:	12
Petro Monitoring Category:	K
Monitoring Description:	Monitor dbl wall pipe space
Tank ID:	14
Petro Monitoring Category:	H
Monitoring Description:	Mechanical line leak detector
Tank ID:	14
Petro Monitoring Category:	3
Monitoring Description:	Electronic monitor pipe sumps
Tank ID:	14
Petro Monitoring Category:	4
Monitoring Description:	Visual inspect dispenser liners

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GATE #1207 (Continued)

U001372538

Tank ID: 14
Petro Monitoring Category: 1
Monitoring Description: Continuous electronic sensing

Tank ID: 14
Petro Monitoring Category: L
Monitoring Description: Automatic tank gauging - USTs

Tank ID: 14
Petro Monitoring Category: F
Monitoring Description: Monitor dbl wall tank space

Tank ID: 8
Tank Capacity: 15000
Tank Location: UNDERGROUND
Tank Status: U
Status Date: 04/01/1998
Install Date: 4/1/1998
Substance: B
Content Description: Unleaded Gas
Vessel Indicator: TANK
DEP Contractor: P

Owner:
Owner ID: 8149
Owner Name: GATE PETROLEUM CO
Owner Address: 9540 SAN JOSE BLVD
Owner Address 2: ATTN: STORAGE TANK REGIS
Owner City,State,Zip: Jacksonville, FL 32257
Owner Contact: MARLENE TALLEY (904) 448-2998
Owner Phone: 9044482998

Construction:
Tank ID: 14
Construction Category: N
Construction Description: Flow shut-Off

Tank ID: 14
Construction Category: C
Construction Description: Steel

Tank ID: 14
Construction Category: M
Construction Description: Spill containment bucket

Tank ID: 14
Construction Category: O
Construction Description: Tight fill

Tank ID: 14
Construction Category: F
Construction Description: Fiberglass clad steel

Tank ID: 14
Construction Category: I
Construction Description: Double wall

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GATE #1207 (Continued)

U001372538

Tank ID:	8
Construction Category:	M
Construction Description:	Spill containment bucket
Tank ID:	9
Construction Category:	M
Construction Description:	Spill containment bucket
Tank ID:	10
Construction Category:	M
Construction Description:	Spill containment bucket
Tank ID:	11
Construction Category:	M
Construction Description:	Spill containment bucket
Tank ID:	12
Construction Category:	M
Construction Description:	Spill containment bucket
Tank ID:	8
Construction Category:	I
Construction Description:	Double wall
Tank ID:	8
Construction Category:	E
Construction Description:	Fiberglass
Tank ID:	8
Construction Category:	A
Construction Description:	Ball check valve
Tank ID:	9
Construction Category:	I
Construction Description:	Double wall
Tank ID:	9
Construction Category:	E
Construction Description:	Fiberglass
Tank ID:	9
Construction Category:	A
Construction Description:	Ball check valve
Tank ID:	10
Construction Category:	I
Construction Description:	Double wall
Tank ID:	10
Construction Category:	E
Construction Description:	Fiberglass
Tank ID:	10
Construction Category:	A
Construction Description:	Ball check valve
Tank ID:	11

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GATE #1207 (Continued)

U001372538

Construction Category: I
Construction Description: Double wall

Tank ID: 11
Construction Category: E
Construction Description: Fiberglass

Tank ID: 11
Construction Category: A
Construction Description: Ball check valve

Tank ID: 12
Construction Category: I
Construction Description: Double wall

Tank ID: 12
Construction Category: E
Construction Description: Fiberglass

Tank ID: 12
Construction Category: A
Construction Description: Ball check valve

Tank ID: 12
Construction Category: L
Construction Description: Compartmented

Piping:

Tank ID: 8
Piping Category: N
Piping Description: Approved synthetic material

Tank ID: 8
Piping Category: F
Piping Description: Double wall

Tank ID: 8
Piping Category: J
Piping Description: Pressurized piping system

Tank ID: 8
Piping Category: K
Piping Description: Dispenser liners

Tank ID: 9
Piping Category: N
Piping Description: Approved synthetic material

Tank ID: 9
Piping Category: F
Piping Description: Double wall

Tank ID: 9
Piping Category: J
Piping Description: Pressurized piping system

Tank ID: 9

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GATE #1207 (Continued)

U001372538

Piping Category:	K
Piping Description:	Dispenser liners
Tank ID:	10
Piping Category:	N
Piping Description:	Approved synthetic material
Tank ID:	10
Piping Category:	F
Piping Description:	Double wall
Tank ID:	10
Piping Category:	J
Piping Description:	Pressurized piping system
Tank ID:	10
Piping Category:	K
Piping Description:	Dispenser liners
Tank ID:	11
Piping Category:	N
Piping Description:	Approved synthetic material
Tank ID:	11
Piping Category:	F
Piping Description:	Double wall
Tank ID:	11
Piping Category:	J
Piping Description:	Pressurized piping system
Tank ID:	11
Piping Category:	K
Piping Description:	Dispenser liners
Tank ID:	12
Piping Category:	N
Piping Description:	Approved synthetic material
Tank ID:	12
Piping Category:	F
Piping Description:	Double wall
Tank ID:	12
Piping Category:	J
Piping Description:	Pressurized piping system
Tank ID:	12
Piping Category:	I
Piping Description:	Suction piping system
Tank ID:	14
Piping Category:	F
Piping Description:	Double wall
Tank ID:	14
Piping Category:	J

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GATE #1207 (Continued)

U001372538

Piping Description: Pressurized piping system

Tank ID: 14

Piping Category: K

Piping Description: Dispenser liners

Tank ID: 14

Piping Category: C

Piping Description: Fiberglass

Monitoring:

Tank ID: 8

Petro Monitoring Category: 1

Monitoring Description: Continuous electronic sensing

Tank ID: 8

Petro Monitoring Category: F

Monitoring Description: Monitor dbl wall tank space

Tank ID: 9

Petro Monitoring Category: F

Monitoring Description: Monitor dbl wall tank space

Tank ID: 10

Petro Monitoring Category: F

Monitoring Description: Monitor dbl wall tank space

Tank ID: 11

Petro Monitoring Category: F

Monitoring Description: Monitor dbl wall tank space

Tank ID: 12

Petro Monitoring Category: F

Monitoring Description: Monitor dbl wall tank space

Tank ID: 9

Petro Monitoring Category: 1

Monitoring Description: Continuous electronic sensing

Tank ID: 10

Petro Monitoring Category: 1

Monitoring Description: Continuous electronic sensing

Tank ID: 11

Petro Monitoring Category: 1

Monitoring Description: Continuous electronic sensing

Tank ID: 12

Petro Monitoring Category: 1

Monitoring Description: Continuous electronic sensing

Tank ID: 8

Petro Monitoring Category: H

Monitoring Description: Mechanical line leak detector

Tank ID: 8

Petro Monitoring Category: K

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GATE #1207 (Continued)

U001372538

Monitoring Description:	Monitor dbl wall pipe space
Tank ID:	9
Petro Monitoring Category:	K
Monitoring Description:	Monitor dbl wall pipe space
Tank ID:	9
Petro Monitoring Category:	H
Monitoring Description:	Mechanical line leak detector
Tank ID:	10
Petro Monitoring Category:	H
Monitoring Description:	Mechanical line leak detector
Tank ID:	11
Petro Monitoring Category:	H
Monitoring Description:	Mechanical line leak detector
Tank ID:	11
Petro Monitoring Category:	K
Monitoring Description:	Monitor dbl wall pipe space
Tank ID:	12
Petro Monitoring Category:	H
Monitoring Description:	Mechanical line leak detector
Tank ID:	12
Petro Monitoring Category:	K
Monitoring Description:	Monitor dbl wall pipe space
Tank ID:	14
Petro Monitoring Category:	H
Monitoring Description:	Mechanical line leak detector
Tank ID:	14
Petro Monitoring Category:	3
Monitoring Description:	Electronic monitor pipe sumps
Tank ID:	14
Petro Monitoring Category:	4
Monitoring Description:	Visual inspect dispenser liners
Tank ID:	14
Petro Monitoring Category:	1
Monitoring Description:	Continuous electronic sensing
Tank ID:	14
Petro Monitoring Category:	L
Monitoring Description:	Automatic tank gauging - USTs
Tank ID:	14
Petro Monitoring Category:	F
Monitoring Description:	Monitor dbl wall tank space
Tank ID:	9
Tank Capacity:	15000

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GATE #1207 (Continued)

U001372538

Tank Location: UNDERGROUND
Tank Status: U
Status Date: 04/01/1998
Install Date: 4/1/1998
Substance: B
Content Description: Unleaded Gas
Vessel Indicator: TANK
DEP Contractor: P

Owner:

Owner ID: 8149
Owner Name: GATE PETROLEUM CO
Owner Address: 9540 SAN JOSE BLVD
Owner Address 2: ATTN: STORAGE TANK REGIS
Owner City,State,Zip: Jacksonville, FL 32257
Owner Contact: MARLENE TALLEY (904) 448-2998
Owner Phone: 9044482998

Construction:

Tank ID: 14
Construction Category: N
Construction Description: Flow shut-Off

Tank ID: 14
Construction Category: C
Construction Description: Steel

Tank ID: 14
Construction Category: M
Construction Description: Spill containment bucket

Tank ID: 14
Construction Category: O
Construction Description: Tight fill

Tank ID: 14
Construction Category: F
Construction Description: Fiberglass clad steel

Tank ID: 14
Construction Category: I
Construction Description: Double wall

Tank ID: 8
Construction Category: M
Construction Description: Spill containment bucket

Tank ID: 9
Construction Category: M
Construction Description: Spill containment bucket

Tank ID: 10
Construction Category: M
Construction Description: Spill containment bucket

Tank ID: 11
Construction Category: M

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GATE #1207 (Continued)

U001372538

Construction Description:	Spill containment bucket
Tank ID:	12
Construction Category:	M
Construction Description:	Spill containment bucket
Tank ID:	8
Construction Category:	I
Construction Description:	Double wall
Tank ID:	8
Construction Category:	E
Construction Description:	Fiberglass
Tank ID:	8
Construction Category:	A
Construction Description:	Ball check valve
Tank ID:	9
Construction Category:	I
Construction Description:	Double wall
Tank ID:	9
Construction Category:	E
Construction Description:	Fiberglass
Tank ID:	9
Construction Category:	A
Construction Description:	Ball check valve
Tank ID:	10
Construction Category:	I
Construction Description:	Double wall
Tank ID:	10
Construction Category:	E
Construction Description:	Fiberglass
Tank ID:	10
Construction Category:	A
Construction Description:	Ball check valve
Tank ID:	11
Construction Category:	I
Construction Description:	Double wall
Tank ID:	11
Construction Category:	E
Construction Description:	Fiberglass
Tank ID:	11
Construction Category:	A
Construction Description:	Ball check valve
Tank ID:	12
Construction Category:	I
Construction Description:	Double wall

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GATE #1207 (Continued)

U001372538

Tank ID: 12
Construction Category: E
Construction Description: Fiberglass

Tank ID: 12
Construction Category: A
Construction Description: Ball check valve

Tank ID: 12
Construction Category: L
Construction Description: Compartmented

Piping:

Tank ID: 8
Piping Category: N
Piping Description: Approved synthetic material

Tank ID: 8
Piping Category: F
Piping Description: Double wall

Tank ID: 8
Piping Category: J
Piping Description: Pressurized piping system

Tank ID: 8
Piping Category: K
Piping Description: Dispenser liners

Tank ID: 9
Piping Category: N
Piping Description: Approved synthetic material

Tank ID: 9
Piping Category: F
Piping Description: Double wall

Tank ID: 9
Piping Category: J
Piping Description: Pressurized piping system

Tank ID: 9
Piping Category: K
Piping Description: Dispenser liners

Tank ID: 10
Piping Category: N
Piping Description: Approved synthetic material

Tank ID: 10
Piping Category: F
Piping Description: Double wall

Tank ID: 10
Piping Category: J
Piping Description: Pressurized piping system

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GATE #1207 (Continued)

U001372538

Tank ID:	10
Piping Category:	K
Piping Description:	Dispenser liners
Tank ID:	11
Piping Category:	N
Piping Description:	Approved synthetic material
Tank ID:	11
Piping Category:	F
Piping Description:	Double wall
Tank ID:	11
Piping Category:	J
Piping Description:	Pressurized piping system
Tank ID:	11
Piping Category:	K
Piping Description:	Dispenser liners
Tank ID:	12
Piping Category:	N
Piping Description:	Approved synthetic material
Tank ID:	12
Piping Category:	F
Piping Description:	Double wall
Tank ID:	12
Piping Category:	J
Piping Description:	Pressurized piping system
Tank ID:	12
Piping Category:	I
Piping Description:	Suction piping system
Tank ID:	14
Piping Category:	F
Piping Description:	Double wall
Tank ID:	14
Piping Category:	J
Piping Description:	Pressurized piping system
Tank ID:	14
Piping Category:	K
Piping Description:	Dispenser liners
Tank ID:	14
Piping Category:	C
Piping Description:	Fiberglass
Monitoring:	
Tank ID:	8
Petro Monitoring Category:	1
Monitoring Description:	Continuous electronic sensing

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GATE #1207 (Continued)

U001372538

Tank ID:	8
Petro Monitoring Category:	F
Monitoring Description:	Monitor dbl wall tank space
Tank ID:	9
Petro Monitoring Category:	F
Monitoring Description:	Monitor dbl wall tank space
Tank ID:	10
Petro Monitoring Category:	F
Monitoring Description:	Monitor dbl wall tank space
Tank ID:	11
Petro Monitoring Category:	F
Monitoring Description:	Monitor dbl wall tank space
Tank ID:	12
Petro Monitoring Category:	F
Monitoring Description:	Monitor dbl wall tank space
Tank ID:	9
Petro Monitoring Category:	1
Monitoring Description:	Continuous electronic sensing
Tank ID:	10
Petro Monitoring Category:	1
Monitoring Description:	Continuous electronic sensing
Tank ID:	11
Petro Monitoring Category:	1
Monitoring Description:	Continuous electronic sensing
Tank ID:	12
Petro Monitoring Category:	1
Monitoring Description:	Continuous electronic sensing
Tank ID:	8
Petro Monitoring Category:	H
Monitoring Description:	Mechanical line leak detector
Tank ID:	8
Petro Monitoring Category:	K
Monitoring Description:	Monitor dbl wall pipe space
Tank ID:	9
Petro Monitoring Category:	K
Monitoring Description:	Monitor dbl wall pipe space
Tank ID:	9
Petro Monitoring Category:	H
Monitoring Description:	Mechanical line leak detector
Tank ID:	10
Petro Monitoring Category:	H
Monitoring Description:	Mechanical line leak detector
Tank ID:	11

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GATE #1207 (Continued)

U001372538

Petro Monitoring Category: H
Monitoring Description: Mechanical line leak detector

Tank ID: 11
Petro Monitoring Category: K
Monitoring Description: Monitor dbl wall pipe space

Tank ID: 12
Petro Monitoring Category: H
Monitoring Description: Mechanical line leak detector

Tank ID: 12
Petro Monitoring Category: K
Monitoring Description: Monitor dbl wall pipe space

Tank ID: 14
Petro Monitoring Category: H
Monitoring Description: Mechanical line leak detector

Tank ID: 14
Petro Monitoring Category: 3
Monitoring Description: Electronic monitor pipe sumps

Tank ID: 14
Petro Monitoring Category: 4
Monitoring Description: Visual inspect dispenser liners

Tank ID: 14
Petro Monitoring Category: 1
Monitoring Description: Continuous electronic sensing

Tank ID: 14
Petro Monitoring Category: L
Monitoring Description: Automatic tank gauging - USTs

Tank ID: 14
Petro Monitoring Category: F
Monitoring Description: Monitor dbl wall tank space

Tank ID: 10
Tank Capacity: 15000
Tank Location: UNDERGROUND
Tank Status: U
Status Date: 04/01/1998
Install Date: 4/1/1998
Substance: D
Content Description: Vehicular Diesel
Vessel Indicator: TANK
DEP Contractor: P

Owner:

Owner ID: 8149
Owner Name: GATE PETROLEUM CO
Owner Address: 9540 SAN JOSE BLVD
Owner Address 2: ATTN: STORAGE TANK REGIS
Owner City,State,Zip: Jacksonville, FL 32257
Owner Contact: MARLENE TALLEY (904) 448-2998

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GATE #1207 (Continued)

U001372538

Owner Phone: 9044482998

Construction:

Tank ID: 14
Construction Category: N
Construction Description: Flow shut-Off

Tank ID: 14
Construction Category: C
Construction Description: Steel

Tank ID: 14
Construction Category: M
Construction Description: Spill containment bucket

Tank ID: 14
Construction Category: O
Construction Description: Tight fill

Tank ID: 14
Construction Category: F
Construction Description: Fiberglass clad steel

Tank ID: 14
Construction Category: I
Construction Description: Double wall

Tank ID: 8
Construction Category: M
Construction Description: Spill containment bucket

Tank ID: 9
Construction Category: M
Construction Description: Spill containment bucket

Tank ID: 10
Construction Category: M
Construction Description: Spill containment bucket

Tank ID: 11
Construction Category: M
Construction Description: Spill containment bucket

Tank ID: 12
Construction Category: M
Construction Description: Spill containment bucket

Tank ID: 8
Construction Category: I
Construction Description: Double wall

Tank ID: 8
Construction Category: E
Construction Description: Fiberglass

Tank ID: 8
Construction Category: A

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GATE #1207 (Continued)

U001372538

Construction Description: Ball check valve

Tank ID: 9
Construction Category: I
Construction Description: Double wall

Tank ID: 9
Construction Category: E
Construction Description: Fiberglass

Tank ID: 9
Construction Category: A
Construction Description: Ball check valve

Tank ID: 10
Construction Category: I
Construction Description: Double wall

Tank ID: 10
Construction Category: E
Construction Description: Fiberglass

Tank ID: 10
Construction Category: A
Construction Description: Ball check valve

Tank ID: 11
Construction Category: I
Construction Description: Double wall

Tank ID: 11
Construction Category: E
Construction Description: Fiberglass

Tank ID: 11
Construction Category: A
Construction Description: Ball check valve

Tank ID: 12
Construction Category: I
Construction Description: Double wall

Tank ID: 12
Construction Category: E
Construction Description: Fiberglass

Tank ID: 12
Construction Category: A
Construction Description: Ball check valve

Tank ID: 12
Construction Category: L
Construction Description: Compartmented

Piping:

Tank ID: 8
Piping Category: N

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GATE #1207 (Continued)

U001372538

Piping Description:	Approved synthetic material
Tank ID:	8
Piping Category:	F
Piping Description:	Double wall
Tank ID:	8
Piping Category:	J
Piping Description:	Pressurized piping system
Tank ID:	8
Piping Category:	K
Piping Description:	Dispenser liners
Tank ID:	9
Piping Category:	N
Piping Description:	Approved synthetic material
Tank ID:	9
Piping Category:	F
Piping Description:	Double wall
Tank ID:	9
Piping Category:	J
Piping Description:	Pressurized piping system
Tank ID:	9
Piping Category:	K
Piping Description:	Dispenser liners
Tank ID:	10
Piping Category:	N
Piping Description:	Approved synthetic material
Tank ID:	10
Piping Category:	F
Piping Description:	Double wall
Tank ID:	10
Piping Category:	J
Piping Description:	Pressurized piping system
Tank ID:	10
Piping Category:	K
Piping Description:	Dispenser liners
Tank ID:	11
Piping Category:	N
Piping Description:	Approved synthetic material
Tank ID:	11
Piping Category:	F
Piping Description:	Double wall
Tank ID:	11
Piping Category:	J
Piping Description:	Pressurized piping system

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GATE #1207 (Continued)

U001372538

Tank ID:	11
Piping Category:	K
Piping Description:	Dispenser liners
Tank ID:	12
Piping Category:	N
Piping Description:	Approved synthetic material
Tank ID:	12
Piping Category:	F
Piping Description:	Double wall
Tank ID:	12
Piping Category:	J
Piping Description:	Pressurized piping system
Tank ID:	12
Piping Category:	I
Piping Description:	Suction piping system
Tank ID:	14
Piping Category:	F
Piping Description:	Double wall
Tank ID:	14
Piping Category:	J
Piping Description:	Pressurized piping system
Tank ID:	14
Piping Category:	K
Piping Description:	Dispenser liners
Tank ID:	14
Piping Category:	C
Piping Description:	Fiberglass

Monitoring:	
Tank ID:	8
Petro Monitoring Category:	1
Monitoring Description:	Continuous electronic sensing
Tank ID:	8
Petro Monitoring Category:	F
Monitoring Description:	Monitor dbl wall tank space
Tank ID:	9
Petro Monitoring Category:	F
Monitoring Description:	Monitor dbl wall tank space
Tank ID:	10
Petro Monitoring Category:	F
Monitoring Description:	Monitor dbl wall tank space
Tank ID:	11
Petro Monitoring Category:	F
Monitoring Description:	Monitor dbl wall tank space

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GATE #1207 (Continued)

U001372538

Tank ID:	12
Petro Monitoring Category:	F
Monitoring Description:	Monitor dbl wall tank space
Tank ID:	9
Petro Monitoring Category:	1
Monitoring Description:	Continuous electronic sensing
Tank ID:	10
Petro Monitoring Category:	1
Monitoring Description:	Continuous electronic sensing
Tank ID:	11
Petro Monitoring Category:	1
Monitoring Description:	Continuous electronic sensing
Tank ID:	12
Petro Monitoring Category:	1
Monitoring Description:	Continuous electronic sensing
Tank ID:	8
Petro Monitoring Category:	H
Monitoring Description:	Mechanical line leak detector
Tank ID:	8
Petro Monitoring Category:	K
Monitoring Description:	Monitor dbl wall pipe space
Tank ID:	9
Petro Monitoring Category:	K
Monitoring Description:	Monitor dbl wall pipe space
Tank ID:	9
Petro Monitoring Category:	H
Monitoring Description:	Mechanical line leak detector
Tank ID:	10
Petro Monitoring Category:	H
Monitoring Description:	Mechanical line leak detector
Tank ID:	11
Petro Monitoring Category:	H
Monitoring Description:	Mechanical line leak detector
Tank ID:	11
Petro Monitoring Category:	K
Monitoring Description:	Monitor dbl wall pipe space
Tank ID:	12
Petro Monitoring Category:	H
Monitoring Description:	Mechanical line leak detector
Tank ID:	12
Petro Monitoring Category:	K
Monitoring Description:	Monitor dbl wall pipe space
Tank ID:	14

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GATE #1207 (Continued)

U001372538

Petro Monitoring Category: H
Monitoring Description: Mechanical line leak detector

Tank ID: 14
Petro Monitoring Category: 3
Monitoring Description: Electronic monitor pipe sumps

Tank ID: 14
Petro Monitoring Category: 4
Monitoring Description: Visual inspect dispenser liners

Tank ID: 14
Petro Monitoring Category: 1
Monitoring Description: Continuous electronic sensing

Tank ID: 14
Petro Monitoring Category: L
Monitoring Description: Automatic tank gauging - USTs

Tank ID: 14
Petro Monitoring Category: F
Monitoring Description: Monitor dbl wall tank space

Tank ID: 11
Tank Capacity: 8000
Tank Location: UNDERGROUND
Tank Status: U
Status Date: 04/01/1998
Install Date: 4/1/1998
Substance: 8
Content Description: Ethanol E10
Vessel Indicator: TANK
DEP Contractor: P

Owner:
Owner ID: 8149
Owner Name: GATE PETROLEUM CO
Owner Address: 9540 SAN JOSE BLVD
Owner Address 2: ATTN: STORAGE TANK REGIS
Owner City,State,Zip: Jacksonville, FL 32257
Owner Contact: MARLENE TALLEY (904) 448-2998
Owner Phone: 9044482998

Construction:
Tank ID: 14
Construction Category: N
Construction Description: Flow shut-Off

Tank ID: 14
Construction Category: C
Construction Description: Steel

Tank ID: 14
Construction Category: M
Construction Description: Spill containment bucket

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GATE #1207 (Continued)

U001372538

Tank ID:	14
Construction Category:	O
Construction Description:	Tight fill
Tank ID:	14
Construction Category:	F
Construction Description:	Fiberglass clad steel
Tank ID:	14
Construction Category:	I
Construction Description:	Double wall
Tank ID:	8
Construction Category:	M
Construction Description:	Spill containment bucket
Tank ID:	9
Construction Category:	M
Construction Description:	Spill containment bucket
Tank ID:	10
Construction Category:	M
Construction Description:	Spill containment bucket
Tank ID:	11
Construction Category:	M
Construction Description:	Spill containment bucket
Tank ID:	12
Construction Category:	M
Construction Description:	Spill containment bucket
Tank ID:	8
Construction Category:	I
Construction Description:	Double wall
Tank ID:	8
Construction Category:	E
Construction Description:	Fiberglass
Tank ID:	8
Construction Category:	A
Construction Description:	Ball check valve
Tank ID:	9
Construction Category:	I
Construction Description:	Double wall
Tank ID:	9
Construction Category:	E
Construction Description:	Fiberglass
Tank ID:	9
Construction Category:	A
Construction Description:	Ball check valve
Tank ID:	10

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GATE #1207 (Continued)

U001372538

Construction Category: I
Construction Description: Double wall

Tank ID: 10
Construction Category: E
Construction Description: Fiberglass

Tank ID: 10
Construction Category: A
Construction Description: Ball check valve

Tank ID: 11
Construction Category: I
Construction Description: Double wall

Tank ID: 11
Construction Category: E
Construction Description: Fiberglass

Tank ID: 11
Construction Category: A
Construction Description: Ball check valve

Tank ID: 12
Construction Category: I
Construction Description: Double wall

Tank ID: 12
Construction Category: E
Construction Description: Fiberglass

Tank ID: 12
Construction Category: A
Construction Description: Ball check valve

Tank ID: 12
Construction Category: L
Construction Description: Compartmented

Piping:

Tank ID: 8
Piping Category: N
Piping Description: Approved synthetic material

Tank ID: 8
Piping Category: F
Piping Description: Double wall

Tank ID: 8
Piping Category: J
Piping Description: Pressurized piping system

Tank ID: 8
Piping Category: K
Piping Description: Dispenser liners

Tank ID: 9

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GATE #1207 (Continued)

U001372538

Piping Category:	N
Piping Description:	Approved synthetic material
Tank ID:	9
Piping Category:	F
Piping Description:	Double wall
Tank ID:	9
Piping Category:	J
Piping Description:	Pressurized piping system
Tank ID:	9
Piping Category:	K
Piping Description:	Dispenser liners
Tank ID:	10
Piping Category:	N
Piping Description:	Approved synthetic material
Tank ID:	10
Piping Category:	F
Piping Description:	Double wall
Tank ID:	10
Piping Category:	J
Piping Description:	Pressurized piping system
Tank ID:	10
Piping Category:	K
Piping Description:	Dispenser liners
Tank ID:	11
Piping Category:	N
Piping Description:	Approved synthetic material
Tank ID:	11
Piping Category:	F
Piping Description:	Double wall
Tank ID:	11
Piping Category:	J
Piping Description:	Pressurized piping system
Tank ID:	11
Piping Category:	K
Piping Description:	Dispenser liners
Tank ID:	12
Piping Category:	N
Piping Description:	Approved synthetic material
Tank ID:	12
Piping Category:	F
Piping Description:	Double wall
Tank ID:	12
Piping Category:	J

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GATE #1207 (Continued)

U001372538

Piping Description: Pressurized piping system

Tank ID: 12

Piping Category: I

Piping Description: Suction piping system

Tank ID: 14

Piping Category: F

Piping Description: Double wall

Tank ID: 14

Piping Category: J

Piping Description: Pressurized piping system

Tank ID: 14

Piping Category: K

Piping Description: Dispenser liners

Tank ID: 14

Piping Category: C

Piping Description: Fiberglass

Monitoring:

Tank ID: 8

Petro Monitoring Category: 1

Monitoring Description: Continuous electronic sensing

Tank ID: 8

Petro Monitoring Category: F

Monitoring Description: Monitor dbl wall tank space

Tank ID: 9

Petro Monitoring Category: F

Monitoring Description: Monitor dbl wall tank space

Tank ID: 10

Petro Monitoring Category: F

Monitoring Description: Monitor dbl wall tank space

Tank ID: 11

Petro Monitoring Category: F

Monitoring Description: Monitor dbl wall tank space

Tank ID: 12

Petro Monitoring Category: F

Monitoring Description: Monitor dbl wall tank space

Tank ID: 9

Petro Monitoring Category: 1

Monitoring Description: Continuous electronic sensing

Tank ID: 10

Petro Monitoring Category: 1

Monitoring Description: Continuous electronic sensing

Tank ID: 11

Petro Monitoring Category: 1

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GATE #1207 (Continued)

U001372538

Monitoring Description:	Continuous electronic sensing
Tank ID:	12
Petro Monitoring Category:	1
Monitoring Description:	Continuous electronic sensing
Tank ID:	8
Petro Monitoring Category:	H
Monitoring Description:	Mechanical line leak detector
Tank ID:	8
Petro Monitoring Category:	K
Monitoring Description:	Monitor dbl wall pipe space
Tank ID:	9
Petro Monitoring Category:	K
Monitoring Description:	Monitor dbl wall pipe space
Tank ID:	9
Petro Monitoring Category:	H
Monitoring Description:	Mechanical line leak detector
Tank ID:	10
Petro Monitoring Category:	H
Monitoring Description:	Mechanical line leak detector
Tank ID:	11
Petro Monitoring Category:	H
Monitoring Description:	Mechanical line leak detector
Tank ID:	11
Petro Monitoring Category:	K
Monitoring Description:	Monitor dbl wall pipe space
Tank ID:	12
Petro Monitoring Category:	H
Monitoring Description:	Mechanical line leak detector
Tank ID:	12
Petro Monitoring Category:	K
Monitoring Description:	Monitor dbl wall pipe space
Tank ID:	14
Petro Monitoring Category:	H
Monitoring Description:	Mechanical line leak detector
Tank ID:	14
Petro Monitoring Category:	3
Monitoring Description:	Electronic monitor pipe sumps
Tank ID:	14
Petro Monitoring Category:	4
Monitoring Description:	Visual inspect dispenser liners
Tank ID:	14
Petro Monitoring Category:	1
Monitoring Description:	Continuous electronic sensing

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GATE #1207 (Continued)

U001372538

Tank ID: 14
Petro Monitoring Category: L
Monitoring Description: Automatic tank gauging - USTs

Tank ID: 14
Petro Monitoring Category: F
Monitoring Description: Monitor dbl wall tank space

Tank ID: 12
Tank Capacity: 8000
Tank Location: UNDERGROUND
Tank Status: U
Status Date: 04/01/1998
Install Date: 4/1/1998
Substance: B
Content Description: Unleaded Gas
Vessel Indicator: TANK
DEP Contractor: P

Owner:
Owner ID: 8149
Owner Name: GATE PETROLEUM CO
Owner Address: 9540 SAN JOSE BLVD
Owner Address 2: ATTN: STORAGE TANK REGIS
Owner City,State,Zip: Jacksonville, FL 32257
Owner Contact: MARLENE TALLEY (904) 448-2998
Owner Phone: 9044482998

Construction:
Tank ID: 14
Construction Category: N
Construction Description: Flow shut-Off

Tank ID: 14
Construction Category: C
Construction Description: Steel

Tank ID: 14
Construction Category: M
Construction Description: Spill containment bucket

Tank ID: 14
Construction Category: O
Construction Description: Tight fill

Tank ID: 14
Construction Category: F
Construction Description: Fiberglass clad steel

Tank ID: 14
Construction Category: I
Construction Description: Double wall

Tank ID: 8
Construction Category: M
Construction Description: Spill containment bucket

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GATE #1207 (Continued)

U001372538

Tank ID:	9
Construction Category:	M
Construction Description:	Spill containment bucket
Tank ID:	10
Construction Category:	M
Construction Description:	Spill containment bucket
Tank ID:	11
Construction Category:	M
Construction Description:	Spill containment bucket
Tank ID:	12
Construction Category:	M
Construction Description:	Spill containment bucket
Tank ID:	8
Construction Category:	I
Construction Description:	Double wall
Tank ID:	8
Construction Category:	E
Construction Description:	Fiberglass
Tank ID:	8
Construction Category:	A
Construction Description:	Ball check valve
Tank ID:	9
Construction Category:	I
Construction Description:	Double wall
Tank ID:	9
Construction Category:	E
Construction Description:	Fiberglass
Tank ID:	9
Construction Category:	A
Construction Description:	Ball check valve
Tank ID:	10
Construction Category:	I
Construction Description:	Double wall
Tank ID:	10
Construction Category:	E
Construction Description:	Fiberglass
Tank ID:	10
Construction Category:	A
Construction Description:	Ball check valve
Tank ID:	11
Construction Category:	I
Construction Description:	Double wall
Tank ID:	11

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GATE #1207 (Continued)

U001372538

Construction Category: E
Construction Description: Fiberglass

Tank ID: 11
Construction Category: A
Construction Description: Ball check valve

Tank ID: 12
Construction Category: I
Construction Description: Double wall

Tank ID: 12
Construction Category: E
Construction Description: Fiberglass

Tank ID: 12
Construction Category: A
Construction Description: Ball check valve

Tank ID: 12
Construction Category: L
Construction Description: Compartmented

Piping:

Tank ID: 8
Piping Category: N
Piping Description: Approved synthetic material

Tank ID: 8
Piping Category: F
Piping Description: Double wall

Tank ID: 8
Piping Category: J
Piping Description: Pressurized piping system

Tank ID: 8
Piping Category: K
Piping Description: Dispenser liners

Tank ID: 9
Piping Category: N
Piping Description: Approved synthetic material

Tank ID: 9
Piping Category: F
Piping Description: Double wall

Tank ID: 9
Piping Category: J
Piping Description: Pressurized piping system

Tank ID: 9
Piping Category: K
Piping Description: Dispenser liners

Tank ID: 10

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GATE #1207 (Continued)

U001372538

Piping Category:	N
Piping Description:	Approved synthetic material
Tank ID:	10
Piping Category:	F
Piping Description:	Double wall
Tank ID:	10
Piping Category:	J
Piping Description:	Pressurized piping system
Tank ID:	10
Piping Category:	K
Piping Description:	Dispenser liners
Tank ID:	11
Piping Category:	N
Piping Description:	Approved synthetic material
Tank ID:	11
Piping Category:	F
Piping Description:	Double wall
Tank ID:	11
Piping Category:	J
Piping Description:	Pressurized piping system
Tank ID:	11
Piping Category:	K
Piping Description:	Dispenser liners
Tank ID:	12
Piping Category:	N
Piping Description:	Approved synthetic material
Tank ID:	12
Piping Category:	F
Piping Description:	Double wall
Tank ID:	12
Piping Category:	J
Piping Description:	Pressurized piping system
Tank ID:	12
Piping Category:	I
Piping Description:	Suction piping system
Tank ID:	14
Piping Category:	F
Piping Description:	Double wall
Tank ID:	14
Piping Category:	J
Piping Description:	Pressurized piping system
Tank ID:	14
Piping Category:	K

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GATE #1207 (Continued)

U001372538

Piping Description:	Dispenser liners
Tank ID:	14
Piping Category:	C
Piping Description:	Fiberglass
Monitoring:	
Tank ID:	8
Petro Monitoring Category:	1
Monitoring Description:	Continuous electronic sensing
Tank ID:	8
Petro Monitoring Category:	F
Monitoring Description:	Monitor dbl wall tank space
Tank ID:	9
Petro Monitoring Category:	F
Monitoring Description:	Monitor dbl wall tank space
Tank ID:	10
Petro Monitoring Category:	F
Monitoring Description:	Monitor dbl wall tank space
Tank ID:	11
Petro Monitoring Category:	F
Monitoring Description:	Monitor dbl wall tank space
Tank ID:	12
Petro Monitoring Category:	F
Monitoring Description:	Monitor dbl wall tank space
Tank ID:	9
Petro Monitoring Category:	1
Monitoring Description:	Continuous electronic sensing
Tank ID:	10
Petro Monitoring Category:	1
Monitoring Description:	Continuous electronic sensing
Tank ID:	11
Petro Monitoring Category:	1
Monitoring Description:	Continuous electronic sensing
Tank ID:	12
Petro Monitoring Category:	1
Monitoring Description:	Continuous electronic sensing
Tank ID:	8
Petro Monitoring Category:	H
Monitoring Description:	Mechanical line leak detector
Tank ID:	8
Petro Monitoring Category:	K
Monitoring Description:	Monitor dbl wall pipe space
Tank ID:	9
Petro Monitoring Category:	K

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GATE #1207 (Continued)

U001372538

Monitoring Description:	Monitor dbl wall pipe space
Tank ID:	9
Petro Monitoring Category:	H
Monitoring Description:	Mechanical line leak detector
Tank ID:	10
Petro Monitoring Category:	H
Monitoring Description:	Mechanical line leak detector
Tank ID:	11
Petro Monitoring Category:	H
Monitoring Description:	Mechanical line leak detector
Tank ID:	11
Petro Monitoring Category:	K
Monitoring Description:	Monitor dbl wall pipe space
Tank ID:	12
Petro Monitoring Category:	H
Monitoring Description:	Mechanical line leak detector
Tank ID:	12
Petro Monitoring Category:	K
Monitoring Description:	Monitor dbl wall pipe space
Tank ID:	14
Petro Monitoring Category:	H
Monitoring Description:	Mechanical line leak detector
Tank ID:	14
Petro Monitoring Category:	3
Monitoring Description:	Electronic monitor pipe sumps
Tank ID:	14
Petro Monitoring Category:	4
Monitoring Description:	Visual inspect dispenser liners
Tank ID:	14
Petro Monitoring Category:	1
Monitoring Description:	Continuous electronic sensing
Tank ID:	14
Petro Monitoring Category:	L
Monitoring Description:	Automatic tank gauging - USTs
Tank ID:	14
Petro Monitoring Category:	F
Monitoring Description:	Monitor dbl wall tank space
Tank ID:	13
Tank Capacity:	888
Tank Location:	UNDERGROUND
Tank Status:	D
Status Date:	04/01/1998
Install Date:	4/1/1998

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GATE #1207 (Continued)

U001372538

Substance: Y
Content Description: Unknown/Not Reported
Vessel Indicator: TANK
DEP Contractor: P

Owner:
Owner ID: 8149
Owner Name: GATE PETROLEUM CO
Owner Address: 9540 SAN JOSE BLVD
Owner Address 2: ATTN: STORAGE TANK REGIS
Owner City,State,Zip: Jacksonville, FL 32257
Owner Contact: MARLENE TALLEY (904) 448-2998
Owner Phone: 9044482998

Construction:
Tank ID: 14
Construction Category: N
Construction Description: Flow shut-Off

Tank ID: 14
Construction Category: C
Construction Description: Steel

Tank ID: 14
Construction Category: M
Construction Description: Spill containment bucket

Tank ID: 14
Construction Category: O
Construction Description: Tight fill

Tank ID: 14
Construction Category: F
Construction Description: Fiberglass clad steel

Tank ID: 14
Construction Category: I
Construction Description: Double wall

Tank ID: 8
Construction Category: M
Construction Description: Spill containment bucket

Tank ID: 9
Construction Category: M
Construction Description: Spill containment bucket

Tank ID: 10
Construction Category: M
Construction Description: Spill containment bucket

Tank ID: 11
Construction Category: M
Construction Description: Spill containment bucket

Tank ID: 12
Construction Category: M

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GATE #1207 (Continued)

U001372538

Construction Description: Spill containment bucket

Tank ID: 8
Construction Category: I
Construction Description: Double wall

Tank ID: 8
Construction Category: E
Construction Description: Fiberglass

Tank ID: 8
Construction Category: A
Construction Description: Ball check valve

Tank ID: 9
Construction Category: I
Construction Description: Double wall

Tank ID: 9
Construction Category: E
Construction Description: Fiberglass

Tank ID: 9
Construction Category: A
Construction Description: Ball check valve

Tank ID: 10
Construction Category: I
Construction Description: Double wall

Tank ID: 10
Construction Category: E
Construction Description: Fiberglass

Tank ID: 10
Construction Category: A
Construction Description: Ball check valve

Tank ID: 11
Construction Category: I
Construction Description: Double wall

Tank ID: 11
Construction Category: E
Construction Description: Fiberglass

Tank ID: 11
Construction Category: A
Construction Description: Ball check valve

Tank ID: 12
Construction Category: I
Construction Description: Double wall

Tank ID: 12
Construction Category: E
Construction Description: Fiberglass

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GATE #1207 (Continued)

U001372538

Tank ID: 12
Construction Category: A
Construction Description: Ball check valve

Tank ID: 12
Construction Category: L
Construction Description: Compartmented

Piping:

Tank ID: 8
Piping Category: N
Piping Description: Approved synthetic material

Tank ID: 8
Piping Category: F
Piping Description: Double wall

Tank ID: 8
Piping Category: J
Piping Description: Pressurized piping system

Tank ID: 8
Piping Category: K
Piping Description: Dispenser liners

Tank ID: 9
Piping Category: N
Piping Description: Approved synthetic material

Tank ID: 9
Piping Category: F
Piping Description: Double wall

Tank ID: 9
Piping Category: J
Piping Description: Pressurized piping system

Tank ID: 9
Piping Category: K
Piping Description: Dispenser liners

Tank ID: 10
Piping Category: N
Piping Description: Approved synthetic material

Tank ID: 10
Piping Category: F
Piping Description: Double wall

Tank ID: 10
Piping Category: J
Piping Description: Pressurized piping system

Tank ID: 10
Piping Category: K
Piping Description: Dispenser liners

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GATE #1207 (Continued)

U001372538

Tank ID:	11
Piping Category:	N
Piping Description:	Approved synthetic material
Tank ID:	11
Piping Category:	F
Piping Description:	Double wall
Tank ID:	11
Piping Category:	J
Piping Description:	Pressurized piping system
Tank ID:	11
Piping Category:	K
Piping Description:	Dispenser liners
Tank ID:	12
Piping Category:	N
Piping Description:	Approved synthetic material
Tank ID:	12
Piping Category:	F
Piping Description:	Double wall
Tank ID:	12
Piping Category:	J
Piping Description:	Pressurized piping system
Tank ID:	12
Piping Category:	I
Piping Description:	Suction piping system
Tank ID:	14
Piping Category:	F
Piping Description:	Double wall
Tank ID:	14
Piping Category:	J
Piping Description:	Pressurized piping system
Tank ID:	14
Piping Category:	K
Piping Description:	Dispenser liners
Tank ID:	14
Piping Category:	C
Piping Description:	Fiberglass
Monitoring:	
Tank ID:	8
Petro Monitoring Category:	1
Monitoring Description:	Continuous electronic sensing
Tank ID:	8
Petro Monitoring Category:	F
Monitoring Description:	Monitor dbl wall tank space

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GATE #1207 (Continued)

U001372538

Tank ID:	9
Petro Monitoring Category:	F
Monitoring Description:	Monitor dbl wall tank space
Tank ID:	10
Petro Monitoring Category:	F
Monitoring Description:	Monitor dbl wall tank space
Tank ID:	11
Petro Monitoring Category:	F
Monitoring Description:	Monitor dbl wall tank space
Tank ID:	12
Petro Monitoring Category:	F
Monitoring Description:	Monitor dbl wall tank space
Tank ID:	9
Petro Monitoring Category:	1
Monitoring Description:	Continuous electronic sensing
Tank ID:	10
Petro Monitoring Category:	1
Monitoring Description:	Continuous electronic sensing
Tank ID:	11
Petro Monitoring Category:	1
Monitoring Description:	Continuous electronic sensing
Tank ID:	12
Petro Monitoring Category:	1
Monitoring Description:	Continuous electronic sensing
Tank ID:	8
Petro Monitoring Category:	H
Monitoring Description:	Mechanical line leak detector
Tank ID:	8
Petro Monitoring Category:	K
Monitoring Description:	Monitor dbl wall pipe space
Tank ID:	9
Petro Monitoring Category:	K
Monitoring Description:	Monitor dbl wall pipe space
Tank ID:	9
Petro Monitoring Category:	H
Monitoring Description:	Mechanical line leak detector
Tank ID:	10
Petro Monitoring Category:	H
Monitoring Description:	Mechanical line leak detector
Tank ID:	11
Petro Monitoring Category:	H
Monitoring Description:	Mechanical line leak detector
Tank ID:	11

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GATE #1207 (Continued)

U001372538

Petro Monitoring Category: K
Monitoring Description: Monitor dbl wall pipe space

Tank ID: 12
Petro Monitoring Category: H
Monitoring Description: Mechanical line leak detector

Tank ID: 12
Petro Monitoring Category: K
Monitoring Description: Monitor dbl wall pipe space

Tank ID: 14
Petro Monitoring Category: H
Monitoring Description: Mechanical line leak detector

Tank ID: 14
Petro Monitoring Category: 3
Monitoring Description: Electronic monitor pipe sumps

Tank ID: 14
Petro Monitoring Category: 4
Monitoring Description: Visual inspect dispenser liners

Tank ID: 14
Petro Monitoring Category: 1
Monitoring Description: Continuous electronic sensing

Tank ID: 14
Petro Monitoring Category: L
Monitoring Description: Automatic tank gauging - USTs

Tank ID: 14
Petro Monitoring Category: F
Monitoring Description: Monitor dbl wall tank space

Tank ID: 1
Tank Capacity: 10000
Tank Location: UNDERGROUND
Tank Status: B
Status Date: 04/01/1998
Install Date: 7/1/1982
Substance: B
Content Description: Unleaded Gas
Vessel Indicator: TANK
DEP Contractor: P

Owner:

Owner ID: 8149
Owner Name: GATE PETROLEUM CO
Owner Address: 9540 SAN JOSE BLVD
Owner Address 2: ATTN: STORAGE TANK REGIS
Owner City,State,Zip: Jacksonville, FL 32257
Owner Contact: MARLENE TALLEY (904) 448-2998
Owner Phone: 9044482998

Construction:

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GATE #1207 (Continued)

U001372538

Tank ID:	14
Construction Category:	N
Construction Description:	Flow shut-Off
Tank ID:	14
Construction Category:	C
Construction Description:	Steel
Tank ID:	14
Construction Category:	M
Construction Description:	Spill containment bucket
Tank ID:	14
Construction Category:	O
Construction Description:	Tight fill
Tank ID:	14
Construction Category:	F
Construction Description:	Fiberglass clad steel
Tank ID:	14
Construction Category:	I
Construction Description:	Double wall
Tank ID:	8
Construction Category:	M
Construction Description:	Spill containment bucket
Tank ID:	9
Construction Category:	M
Construction Description:	Spill containment bucket
Tank ID:	10
Construction Category:	M
Construction Description:	Spill containment bucket
Tank ID:	11
Construction Category:	M
Construction Description:	Spill containment bucket
Tank ID:	12
Construction Category:	M
Construction Description:	Spill containment bucket
Tank ID:	8
Construction Category:	I
Construction Description:	Double wall
Tank ID:	8
Construction Category:	E
Construction Description:	Fiberglass
Tank ID:	8
Construction Category:	A
Construction Description:	Ball check valve
Tank ID:	9

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GATE #1207 (Continued)

U001372538

Construction Category:	I
Construction Description:	Double wall
Tank ID:	9
Construction Category:	E
Construction Description:	Fiberglass
Tank ID:	9
Construction Category:	A
Construction Description:	Ball check valve
Tank ID:	10
Construction Category:	I
Construction Description:	Double wall
Tank ID:	10
Construction Category:	E
Construction Description:	Fiberglass
Tank ID:	10
Construction Category:	A
Construction Description:	Ball check valve
Tank ID:	11
Construction Category:	I
Construction Description:	Double wall
Tank ID:	11
Construction Category:	E
Construction Description:	Fiberglass
Tank ID:	11
Construction Category:	A
Construction Description:	Ball check valve
Tank ID:	12
Construction Category:	I
Construction Description:	Double wall
Tank ID:	12
Construction Category:	E
Construction Description:	Fiberglass
Tank ID:	12
Construction Category:	A
Construction Description:	Ball check valve
Tank ID:	12
Construction Category:	L
Construction Description:	Compartmented

Piping:

Tank ID:	8
Piping Category:	N
Piping Description:	Approved synthetic material

Tank ID:	8

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GATE #1207 (Continued)

U001372538

Piping Category:	F
Piping Description:	Double wall
Tank ID:	8
Piping Category:	J
Piping Description:	Pressurized piping system
Tank ID:	8
Piping Category:	K
Piping Description:	Dispenser liners
Tank ID:	9
Piping Category:	N
Piping Description:	Approved synthetic material
Tank ID:	9
Piping Category:	F
Piping Description:	Double wall
Tank ID:	9
Piping Category:	J
Piping Description:	Pressurized piping system
Tank ID:	9
Piping Category:	K
Piping Description:	Dispenser liners
Tank ID:	10
Piping Category:	N
Piping Description:	Approved synthetic material
Tank ID:	10
Piping Category:	F
Piping Description:	Double wall
Tank ID:	10
Piping Category:	J
Piping Description:	Pressurized piping system
Tank ID:	10
Piping Category:	K
Piping Description:	Dispenser liners
Tank ID:	11
Piping Category:	N
Piping Description:	Approved synthetic material
Tank ID:	11
Piping Category:	F
Piping Description:	Double wall
Tank ID:	11
Piping Category:	J
Piping Description:	Pressurized piping system
Tank ID:	11
Piping Category:	K

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GATE #1207 (Continued)

U001372538

Piping Description:	Dispenser liners
Tank ID:	12
Piping Category:	N
Piping Description:	Approved synthetic material
Tank ID:	12
Piping Category:	F
Piping Description:	Double wall
Tank ID:	12
Piping Category:	J
Piping Description:	Pressurized piping system
Tank ID:	12
Piping Category:	I
Piping Description:	Suction piping system
Tank ID:	14
Piping Category:	F
Piping Description:	Double wall
Tank ID:	14
Piping Category:	J
Piping Description:	Pressurized piping system
Tank ID:	14
Piping Category:	K
Piping Description:	Dispenser liners
Tank ID:	14
Piping Category:	C
Piping Description:	Fiberglass
Monitoring:	
Tank ID:	8
Petro Monitoring Category:	1
Monitoring Description:	Continuous electronic sensing
Tank ID:	8
Petro Monitoring Category:	F
Monitoring Description:	Monitor dbl wall tank space
Tank ID:	9
Petro Monitoring Category:	F
Monitoring Description:	Monitor dbl wall tank space
Tank ID:	10
Petro Monitoring Category:	F
Monitoring Description:	Monitor dbl wall tank space
Tank ID:	11
Petro Monitoring Category:	F
Monitoring Description:	Monitor dbl wall tank space
Tank ID:	12
Petro Monitoring Category:	F

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GATE #1207 (Continued)

U001372538

Monitoring Description:	Monitor dbl wall tank space
Tank ID:	9
Petro Monitoring Category:	1
Monitoring Description:	Continuous electronic sensing
Tank ID:	10
Petro Monitoring Category:	1
Monitoring Description:	Continuous electronic sensing
Tank ID:	11
Petro Monitoring Category:	1
Monitoring Description:	Continuous electronic sensing
Tank ID:	12
Petro Monitoring Category:	1
Monitoring Description:	Continuous electronic sensing
Tank ID:	8
Petro Monitoring Category:	H
Monitoring Description:	Mechanical line leak detector
Tank ID:	8
Petro Monitoring Category:	K
Monitoring Description:	Monitor dbl wall pipe space
Tank ID:	9
Petro Monitoring Category:	K
Monitoring Description:	Monitor dbl wall pipe space
Tank ID:	9
Petro Monitoring Category:	H
Monitoring Description:	Mechanical line leak detector
Tank ID:	10
Petro Monitoring Category:	H
Monitoring Description:	Mechanical line leak detector
Tank ID:	11
Petro Monitoring Category:	H
Monitoring Description:	Mechanical line leak detector
Tank ID:	11
Petro Monitoring Category:	K
Monitoring Description:	Monitor dbl wall pipe space
Tank ID:	12
Petro Monitoring Category:	H
Monitoring Description:	Mechanical line leak detector
Tank ID:	12
Petro Monitoring Category:	K
Monitoring Description:	Monitor dbl wall pipe space
Tank ID:	14
Petro Monitoring Category:	H
Monitoring Description:	Mechanical line leak detector

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GATE #1207 (Continued)

U001372538

Tank ID: 14
Petro Monitoring Category: 3
Monitoring Description: Electronic monitor pipe sumps

Tank ID: 14
Petro Monitoring Category: 4
Monitoring Description: Visual inspect dispenser liners

Tank ID: 14
Petro Monitoring Category: 1
Monitoring Description: Continuous electronic sensing

Tank ID: 14
Petro Monitoring Category: L
Monitoring Description: Automatic tank gauging - USTs

Tank ID: 14
Petro Monitoring Category: F
Monitoring Description: Monitor dbl wall tank space

Tank ID: 2
Tank Capacity: 10000
Tank Location: UNDERGROUND
Tank Status: B
Status Date: 04/01/1998
Install Date: 7/1/1982
Substance: B
Content Description: Unleaded Gas
Vessel Indicator: TANK
DEP Contractor: P

Owner:
Owner ID: 8149
Owner Name: GATE PETROLEUM CO
Owner Address: 9540 SAN JOSE BLVD
Owner Address 2: ATTN: STORAGE TANK REGIS
Owner City,State,Zip: Jacksonville, FL 32257
Owner Contact: MARLENE TALLEY (904) 448-2998
Owner Phone: 9044482998

Construction:
Tank ID: 14
Construction Category: N
Construction Description: Flow shut-Off

Tank ID: 14
Construction Category: C
Construction Description: Steel

Tank ID: 14
Construction Category: M
Construction Description: Spill containment bucket

Tank ID: 14
Construction Category: O
Construction Description: Tight fill

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GATE #1207 (Continued)

U001372538

Tank ID:	14
Construction Category:	F
Construction Description:	Fiberglass clad steel
Tank ID:	14
Construction Category:	I
Construction Description:	Double wall
Tank ID:	8
Construction Category:	M
Construction Description:	Spill containment bucket
Tank ID:	9
Construction Category:	M
Construction Description:	Spill containment bucket
Tank ID:	10
Construction Category:	M
Construction Description:	Spill containment bucket
Tank ID:	11
Construction Category:	M
Construction Description:	Spill containment bucket
Tank ID:	12
Construction Category:	M
Construction Description:	Spill containment bucket
Tank ID:	8
Construction Category:	I
Construction Description:	Double wall
Tank ID:	8
Construction Category:	E
Construction Description:	Fiberglass
Tank ID:	8
Construction Category:	A
Construction Description:	Ball check valve
Tank ID:	9
Construction Category:	I
Construction Description:	Double wall
Tank ID:	9
Construction Category:	E
Construction Description:	Fiberglass
Tank ID:	9
Construction Category:	A
Construction Description:	Ball check valve
Tank ID:	10
Construction Category:	I
Construction Description:	Double wall
Tank ID:	10

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GATE #1207 (Continued)

U001372538

Construction Category: E
Construction Description: Fiberglass

Tank ID: 10
Construction Category: A
Construction Description: Ball check valve

Tank ID: 11
Construction Category: I
Construction Description: Double wall

Tank ID: 11
Construction Category: E
Construction Description: Fiberglass

Tank ID: 11
Construction Category: A
Construction Description: Ball check valve

Tank ID: 12
Construction Category: I
Construction Description: Double wall

Tank ID: 12
Construction Category: E
Construction Description: Fiberglass

Tank ID: 12
Construction Category: A
Construction Description: Ball check valve

Tank ID: 12
Construction Category: L
Construction Description: Compartmented

Piping:

Tank ID: 8
Piping Category: N
Piping Description: Approved synthetic material

Tank ID: 8
Piping Category: F
Piping Description: Double wall

Tank ID: 8
Piping Category: J
Piping Description: Pressurized piping system

Tank ID: 8
Piping Category: K
Piping Description: Dispenser liners

Tank ID: 9
Piping Category: N
Piping Description: Approved synthetic material

Tank ID: 9

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GATE #1207 (Continued)

U001372538

Piping Category:	F
Piping Description:	Double wall
Tank ID:	9
Piping Category:	J
Piping Description:	Pressurized piping system
Tank ID:	9
Piping Category:	K
Piping Description:	Dispenser liners
Tank ID:	10
Piping Category:	N
Piping Description:	Approved synthetic material
Tank ID:	10
Piping Category:	F
Piping Description:	Double wall
Tank ID:	10
Piping Category:	J
Piping Description:	Pressurized piping system
Tank ID:	10
Piping Category:	K
Piping Description:	Dispenser liners
Tank ID:	11
Piping Category:	N
Piping Description:	Approved synthetic material
Tank ID:	11
Piping Category:	F
Piping Description:	Double wall
Tank ID:	11
Piping Category:	J
Piping Description:	Pressurized piping system
Tank ID:	11
Piping Category:	K
Piping Description:	Dispenser liners
Tank ID:	12
Piping Category:	N
Piping Description:	Approved synthetic material
Tank ID:	12
Piping Category:	F
Piping Description:	Double wall
Tank ID:	12
Piping Category:	J
Piping Description:	Pressurized piping system
Tank ID:	12
Piping Category:	I

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GATE #1207 (Continued)

U001372538

Piping Description:	Suction piping system
Tank ID:	14
Piping Category:	F
Piping Description:	Double wall
Tank ID:	14
Piping Category:	J
Piping Description:	Pressurized piping system
Tank ID:	14
Piping Category:	K
Piping Description:	Dispenser liners
Tank ID:	14
Piping Category:	C
Piping Description:	Fiberglass
Monitoring:	
Tank ID:	8
Petro Monitoring Category:	1
Monitoring Description:	Continuous electronic sensing
Tank ID:	8
Petro Monitoring Category:	F
Monitoring Description:	Monitor dbl wall tank space
Tank ID:	9
Petro Monitoring Category:	F
Monitoring Description:	Monitor dbl wall tank space
Tank ID:	10
Petro Monitoring Category:	F
Monitoring Description:	Monitor dbl wall tank space
Tank ID:	11
Petro Monitoring Category:	F
Monitoring Description:	Monitor dbl wall tank space
Tank ID:	12
Petro Monitoring Category:	F
Monitoring Description:	Monitor dbl wall tank space
Tank ID:	9
Petro Monitoring Category:	1
Monitoring Description:	Continuous electronic sensing
Tank ID:	10
Petro Monitoring Category:	1
Monitoring Description:	Continuous electronic sensing
Tank ID:	11
Petro Monitoring Category:	1
Monitoring Description:	Continuous electronic sensing
Tank ID:	12
Petro Monitoring Category:	1

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GATE #1207 (Continued)

U001372538

Monitoring Description:	Continuous electronic sensing
Tank ID:	8
Petro Monitoring Category:	H
Monitoring Description:	Mechanical line leak detector
Tank ID:	8
Petro Monitoring Category:	K
Monitoring Description:	Monitor dbl wall pipe space
Tank ID:	9
Petro Monitoring Category:	K
Monitoring Description:	Monitor dbl wall pipe space
Tank ID:	9
Petro Monitoring Category:	H
Monitoring Description:	Mechanical line leak detector
Tank ID:	10
Petro Monitoring Category:	H
Monitoring Description:	Mechanical line leak detector
Tank ID:	11
Petro Monitoring Category:	H
Monitoring Description:	Mechanical line leak detector
Tank ID:	11
Petro Monitoring Category:	K
Monitoring Description:	Monitor dbl wall pipe space
Tank ID:	12
Petro Monitoring Category:	H
Monitoring Description:	Mechanical line leak detector
Tank ID:	12
Petro Monitoring Category:	K
Monitoring Description:	Monitor dbl wall pipe space
Tank ID:	14
Petro Monitoring Category:	H
Monitoring Description:	Mechanical line leak detector
Tank ID:	14
Petro Monitoring Category:	3
Monitoring Description:	Electronic monitor pipe sumps
Tank ID:	14
Petro Monitoring Category:	4
Monitoring Description:	Visual inspect dispenser liners
Tank ID:	14
Petro Monitoring Category:	1
Monitoring Description:	Continuous electronic sensing
Tank ID:	14
Petro Monitoring Category:	L
Monitoring Description:	Automatic tank gauging - USTs

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GATE #1207 (Continued)

U001372538

Tank ID: 14
Petro Monitoring Category: F
Monitoring Description: Monitor dbl wall tank space

Tank ID: 3
Tank Capacity: 10000
Tank Location: UNDERGROUND
Tank Status: B
Status Date: 04/01/1998
Install Date: 7/1/1982
Substance: B
Content Description: Unleaded Gas
Vessel Indicator: TANK
DEP Contractor: P

Owner:

Owner ID: 8149
Owner Name: GATE PETROLEUM CO
Owner Address: 9540 SAN JOSE BLVD
Owner Address 2: ATTN: STORAGE TANK REGIS
Owner City,State,Zip: Jacksonville, FL 32257
Owner Contact: MARLENE TALLEY (904) 448-2998
Owner Phone: 9044482998

Construction:

Tank ID: 14
Construction Category: N
Construction Description: Flow shut-Off

Tank ID: 14
Construction Category: C
Construction Description: Steel

Tank ID: 14
Construction Category: M
Construction Description: Spill containment bucket

Tank ID: 14
Construction Category: O
Construction Description: Tight fill

Tank ID: 14
Construction Category: F
Construction Description: Fiberglass clad steel

Tank ID: 14
Construction Category: I
Construction Description: Double wall

Tank ID: 8
Construction Category: M
Construction Description: Spill containment bucket

Tank ID: 9
Construction Category: M
Construction Description: Spill containment bucket

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GATE #1207 (Continued)

U001372538

Tank ID:	10
Construction Category:	M
Construction Description:	Spill containment bucket
Tank ID:	11
Construction Category:	M
Construction Description:	Spill containment bucket
Tank ID:	12
Construction Category:	M
Construction Description:	Spill containment bucket
Tank ID:	8
Construction Category:	I
Construction Description:	Double wall
Tank ID:	8
Construction Category:	E
Construction Description:	Fiberglass
Tank ID:	8
Construction Category:	A
Construction Description:	Ball check valve
Tank ID:	9
Construction Category:	I
Construction Description:	Double wall
Tank ID:	9
Construction Category:	E
Construction Description:	Fiberglass
Tank ID:	9
Construction Category:	A
Construction Description:	Ball check valve
Tank ID:	10
Construction Category:	I
Construction Description:	Double wall
Tank ID:	10
Construction Category:	E
Construction Description:	Fiberglass
Tank ID:	10
Construction Category:	A
Construction Description:	Ball check valve
Tank ID:	11
Construction Category:	I
Construction Description:	Double wall
Tank ID:	11
Construction Category:	E
Construction Description:	Fiberglass
Tank ID:	11

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GATE #1207 (Continued)

U001372538

Construction Category: A
Construction Description: Ball check valve

Tank ID: 12
Construction Category: I
Construction Description: Double wall

Tank ID: 12
Construction Category: E
Construction Description: Fiberglass

Tank ID: 12
Construction Category: A
Construction Description: Ball check valve

Tank ID: 12
Construction Category: L
Construction Description: Compartmented

Piping:

Tank ID: 8
Piping Category: N
Piping Description: Approved synthetic material

Tank ID: 8
Piping Category: F
Piping Description: Double wall

Tank ID: 8
Piping Category: J
Piping Description: Pressurized piping system

Tank ID: 8
Piping Category: K
Piping Description: Dispenser liners

Tank ID: 9
Piping Category: N
Piping Description: Approved synthetic material

Tank ID: 9
Piping Category: F
Piping Description: Double wall

Tank ID: 9
Piping Category: J
Piping Description: Pressurized piping system

Tank ID: 9
Piping Category: K
Piping Description: Dispenser liners

Tank ID: 10
Piping Category: N
Piping Description: Approved synthetic material

Tank ID: 10

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GATE #1207 (Continued)

U001372538

Piping Category:	F
Piping Description:	Double wall
Tank ID:	10
Piping Category:	J
Piping Description:	Pressurized piping system
Tank ID:	10
Piping Category:	K
Piping Description:	Dispenser liners
Tank ID:	11
Piping Category:	N
Piping Description:	Approved synthetic material
Tank ID:	11
Piping Category:	F
Piping Description:	Double wall
Tank ID:	11
Piping Category:	J
Piping Description:	Pressurized piping system
Tank ID:	11
Piping Category:	K
Piping Description:	Dispenser liners
Tank ID:	12
Piping Category:	N
Piping Description:	Approved synthetic material
Tank ID:	12
Piping Category:	F
Piping Description:	Double wall
Tank ID:	12
Piping Category:	J
Piping Description:	Pressurized piping system
Tank ID:	12
Piping Category:	I
Piping Description:	Suction piping system
Tank ID:	14
Piping Category:	F
Piping Description:	Double wall
Tank ID:	14
Piping Category:	J
Piping Description:	Pressurized piping system
Tank ID:	14
Piping Category:	K
Piping Description:	Dispenser liners
Tank ID:	14
Piping Category:	C

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GATE #1207 (Continued)

U001372538

Piping Description:	Fiberglass
Monitoring:	
Tank ID:	8
Petro Monitoring Category:	1
Monitoring Description:	Continuous electronic sensing
Tank ID:	8
Petro Monitoring Category:	F
Monitoring Description:	Monitor dbl wall tank space
Tank ID:	9
Petro Monitoring Category:	F
Monitoring Description:	Monitor dbl wall tank space
Tank ID:	10
Petro Monitoring Category:	F
Monitoring Description:	Monitor dbl wall tank space
Tank ID:	11
Petro Monitoring Category:	F
Monitoring Description:	Monitor dbl wall tank space
Tank ID:	12
Petro Monitoring Category:	F
Monitoring Description:	Monitor dbl wall tank space
Tank ID:	9
Petro Monitoring Category:	1
Monitoring Description:	Continuous electronic sensing
Tank ID:	10
Petro Monitoring Category:	1
Monitoring Description:	Continuous electronic sensing
Tank ID:	11
Petro Monitoring Category:	1
Monitoring Description:	Continuous electronic sensing
Tank ID:	12
Petro Monitoring Category:	1
Monitoring Description:	Continuous electronic sensing
Tank ID:	8
Petro Monitoring Category:	H
Monitoring Description:	Mechanical line leak detector
Tank ID:	8
Petro Monitoring Category:	K
Monitoring Description:	Monitor dbl wall pipe space
Tank ID:	9
Petro Monitoring Category:	K
Monitoring Description:	Monitor dbl wall pipe space
Tank ID:	9
Petro Monitoring Category:	H

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GATE #1207 (Continued)

U001372538

Monitoring Description:	Mechanical line leak detector
Tank ID:	10
Petro Monitoring Category:	H
Monitoring Description:	Mechanical line leak detector
Tank ID:	11
Petro Monitoring Category:	H
Monitoring Description:	Mechanical line leak detector
Tank ID:	11
Petro Monitoring Category:	K
Monitoring Description:	Monitor dbl wall pipe space
Tank ID:	12
Petro Monitoring Category:	H
Monitoring Description:	Mechanical line leak detector
Tank ID:	12
Petro Monitoring Category:	K
Monitoring Description:	Monitor dbl wall pipe space
Tank ID:	14
Petro Monitoring Category:	H
Monitoring Description:	Mechanical line leak detector
Tank ID:	14
Petro Monitoring Category:	3
Monitoring Description:	Electronic monitor pipe sumps
Tank ID:	14
Petro Monitoring Category:	4
Monitoring Description:	Visual inspect dispenser liners
Tank ID:	14
Petro Monitoring Category:	1
Monitoring Description:	Continuous electronic sensing
Tank ID:	14
Petro Monitoring Category:	L
Monitoring Description:	Automatic tank gauging - USTs
Tank ID:	14
Petro Monitoring Category:	F
Monitoring Description:	Monitor dbl wall tank space
Tank ID:	4
Tank Capacity:	12000
Tank Location:	UNDERGROUND
Tank Status:	B
Status Date:	04/01/1998
Install Date:	7/1/1982
Substance:	D
Content Description:	Vehicular Diesel
Vessel Indicator:	TANK
DEP Contractor:	P

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GATE #1207 (Continued)

U001372538

Owner:

Owner ID: 8149
Owner Name: GATE PETROLEUM CO
Owner Address: 9540 SAN JOSE BLVD
Owner Address 2: ATTN: STORAGE TANK REGIS
Owner City,State,Zip: Jacksonville, FL 32257
Owner Contact: MARLENE TALLEY (904) 448-2998
Owner Phone: 9044482998

Construction:

Tank ID: 14
Construction Category: N
Construction Description: Flow shut-Off

Tank ID: 14
Construction Category: C
Construction Description: Steel

Tank ID: 14
Construction Category: M
Construction Description: Spill containment bucket

Tank ID: 14
Construction Category: O
Construction Description: Tight fill

Tank ID: 14
Construction Category: F
Construction Description: Fiberglass clad steel

Tank ID: 14
Construction Category: I
Construction Description: Double wall

Tank ID: 8
Construction Category: M
Construction Description: Spill containment bucket

Tank ID: 9
Construction Category: M
Construction Description: Spill containment bucket

Tank ID: 10
Construction Category: M
Construction Description: Spill containment bucket

Tank ID: 11
Construction Category: M
Construction Description: Spill containment bucket

Tank ID: 12
Construction Category: M
Construction Description: Spill containment bucket

Tank ID: 8
Construction Category: I

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GATE #1207 (Continued)

U001372538

Construction Description:	Double wall
Tank ID:	8
Construction Category:	E
Construction Description:	Fiberglass
Tank ID:	8
Construction Category:	A
Construction Description:	Ball check valve
Tank ID:	9
Construction Category:	I
Construction Description:	Double wall
Tank ID:	9
Construction Category:	E
Construction Description:	Fiberglass
Tank ID:	9
Construction Category:	A
Construction Description:	Ball check valve
Tank ID:	10
Construction Category:	I
Construction Description:	Double wall
Tank ID:	10
Construction Category:	E
Construction Description:	Fiberglass
Tank ID:	10
Construction Category:	A
Construction Description:	Ball check valve
Tank ID:	11
Construction Category:	I
Construction Description:	Double wall
Tank ID:	11
Construction Category:	E
Construction Description:	Fiberglass
Tank ID:	11
Construction Category:	A
Construction Description:	Ball check valve
Tank ID:	12
Construction Category:	I
Construction Description:	Double wall
Tank ID:	12
Construction Category:	E
Construction Description:	Fiberglass
Tank ID:	12
Construction Category:	A
Construction Description:	Ball check valve

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GATE #1207 (Continued)

U001372538

Tank ID: 12
Construction Category: L
Construction Description: Compartmented

Piping:

Tank ID: 8
Piping Category: N
Piping Description: Approved synthetic material

Tank ID: 8
Piping Category: F
Piping Description: Double wall

Tank ID: 8
Piping Category: J
Piping Description: Pressurized piping system

Tank ID: 8
Piping Category: K
Piping Description: Dispenser liners

Tank ID: 9
Piping Category: N
Piping Description: Approved synthetic material

Tank ID: 9
Piping Category: F
Piping Description: Double wall

Tank ID: 9
Piping Category: J
Piping Description: Pressurized piping system

Tank ID: 9
Piping Category: K
Piping Description: Dispenser liners

Tank ID: 10
Piping Category: N
Piping Description: Approved synthetic material

Tank ID: 10
Piping Category: F
Piping Description: Double wall

Tank ID: 10
Piping Category: J
Piping Description: Pressurized piping system

Tank ID: 10
Piping Category: K
Piping Description: Dispenser liners

Tank ID: 11
Piping Category: N
Piping Description: Approved synthetic material

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GATE #1207 (Continued)

U001372538

Tank ID:	11
Piping Category:	F
Piping Description:	Double wall
Tank ID:	11
Piping Category:	J
Piping Description:	Pressurized piping system
Tank ID:	11
Piping Category:	K
Piping Description:	Dispenser liners
Tank ID:	12
Piping Category:	N
Piping Description:	Approved synthetic material
Tank ID:	12
Piping Category:	F
Piping Description:	Double wall
Tank ID:	12
Piping Category:	J
Piping Description:	Pressurized piping system
Tank ID:	12
Piping Category:	I
Piping Description:	Suction piping system
Tank ID:	14
Piping Category:	F
Piping Description:	Double wall
Tank ID:	14
Piping Category:	J
Piping Description:	Pressurized piping system
Tank ID:	14
Piping Category:	K
Piping Description:	Dispenser liners
Tank ID:	14
Piping Category:	C
Piping Description:	Fiberglass
Monitoring:	
Tank ID:	8
Petro Monitoring Category:	1
Monitoring Description:	Continuous electronic sensing
Tank ID:	8
Petro Monitoring Category:	F
Monitoring Description:	Monitor dbl wall tank space
Tank ID:	9
Petro Monitoring Category:	F
Monitoring Description:	Monitor dbl wall tank space

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GATE #1207 (Continued)

U001372538

Tank ID:	10
Petro Monitoring Category:	F
Monitoring Description:	Monitor dbl wall tank space
Tank ID:	11
Petro Monitoring Category:	F
Monitoring Description:	Monitor dbl wall tank space
Tank ID:	12
Petro Monitoring Category:	F
Monitoring Description:	Monitor dbl wall tank space
Tank ID:	9
Petro Monitoring Category:	1
Monitoring Description:	Continuous electronic sensing
Tank ID:	10
Petro Monitoring Category:	1
Monitoring Description:	Continuous electronic sensing
Tank ID:	11
Petro Monitoring Category:	1
Monitoring Description:	Continuous electronic sensing
Tank ID:	12
Petro Monitoring Category:	1
Monitoring Description:	Continuous electronic sensing
Tank ID:	8
Petro Monitoring Category:	H
Monitoring Description:	Mechanical line leak detector
Tank ID:	8
Petro Monitoring Category:	K
Monitoring Description:	Monitor dbl wall pipe space
Tank ID:	9
Petro Monitoring Category:	K
Monitoring Description:	Monitor dbl wall pipe space
Tank ID:	9
Petro Monitoring Category:	H
Monitoring Description:	Mechanical line leak detector
Tank ID:	10
Petro Monitoring Category:	H
Monitoring Description:	Mechanical line leak detector
Tank ID:	11
Petro Monitoring Category:	H
Monitoring Description:	Mechanical line leak detector
Tank ID:	11
Petro Monitoring Category:	K
Monitoring Description:	Monitor dbl wall pipe space
Tank ID:	12

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GATE #1207 (Continued)

U001372538

Petro Monitoring Category:	H
Monitoring Description:	Mechanical line leak detector
Tank ID:	12
Petro Monitoring Category:	K
Monitoring Description:	Monitor dbl wall pipe space
Tank ID:	14
Petro Monitoring Category:	H
Monitoring Description:	Mechanical line leak detector
Tank ID:	14
Petro Monitoring Category:	3
Monitoring Description:	Electronic monitor pipe sumps
Tank ID:	14
Petro Monitoring Category:	4
Monitoring Description:	Visual inspect dispenser liners
Tank ID:	14
Petro Monitoring Category:	1
Monitoring Description:	Continuous electronic sensing
Tank ID:	14
Petro Monitoring Category:	L
Monitoring Description:	Automatic tank gauging - USTs
Tank ID:	14
Petro Monitoring Category:	F
Monitoring Description:	Monitor dbl wall tank space
Tank ID:	5
Tank Capacity:	12000
Tank Location:	UNDERGROUND
Tank Status:	B
Status Date:	04/01/1998
Install Date:	7/1/1982
Substance:	D
Content Description:	Vehicular Diesel
Vessel Indicator:	TANK
DEP Contractor:	P
Owner:	
Owner ID:	8149
Owner Name:	GATE PETROLEUM CO
Owner Address:	9540 SAN JOSE BLVD
Owner Address 2:	ATTN: STORAGE TANK REGIS
Owner City,State,Zip:	Jacksonville, FL 32257
Owner Contact:	MARLENE TALLEY (904) 448-2998
Owner Phone:	9044482998
Construction:	
Tank ID:	14
Construction Category:	N
Construction Description:	Flow shut-Off

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GATE #1207 (Continued)

U001372538

Tank ID:	14
Construction Category:	C
Construction Description:	Steel
Tank ID:	14
Construction Category:	M
Construction Description:	Spill containment bucket
Tank ID:	14
Construction Category:	O
Construction Description:	Tight fill
Tank ID:	14
Construction Category:	F
Construction Description:	Fiberglass clad steel
Tank ID:	14
Construction Category:	I
Construction Description:	Double wall
Tank ID:	8
Construction Category:	M
Construction Description:	Spill containment bucket
Tank ID:	9
Construction Category:	M
Construction Description:	Spill containment bucket
Tank ID:	10
Construction Category:	M
Construction Description:	Spill containment bucket
Tank ID:	11
Construction Category:	M
Construction Description:	Spill containment bucket
Tank ID:	12
Construction Category:	M
Construction Description:	Spill containment bucket
Tank ID:	8
Construction Category:	I
Construction Description:	Double wall
Tank ID:	8
Construction Category:	E
Construction Description:	Fiberglass
Tank ID:	8
Construction Category:	A
Construction Description:	Ball check valve
Tank ID:	9
Construction Category:	I
Construction Description:	Double wall
Tank ID:	9

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GATE #1207 (Continued)

U001372538

Construction Category:	E
Construction Description:	Fiberglass
Tank ID:	9
Construction Category:	A
Construction Description:	Ball check valve
Tank ID:	10
Construction Category:	I
Construction Description:	Double wall
Tank ID:	10
Construction Category:	E
Construction Description:	Fiberglass
Tank ID:	10
Construction Category:	A
Construction Description:	Ball check valve
Tank ID:	11
Construction Category:	I
Construction Description:	Double wall
Tank ID:	11
Construction Category:	E
Construction Description:	Fiberglass
Tank ID:	11
Construction Category:	A
Construction Description:	Ball check valve
Tank ID:	12
Construction Category:	I
Construction Description:	Double wall
Tank ID:	12
Construction Category:	E
Construction Description:	Fiberglass
Tank ID:	12
Construction Category:	A
Construction Description:	Ball check valve
Tank ID:	12
Construction Category:	L
Construction Description:	Compartmented

Piping:

Tank ID:	8
Piping Category:	N
Piping Description:	Approved synthetic material
Tank ID:	8
Piping Category:	F
Piping Description:	Double wall
Tank ID:	8

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GATE #1207 (Continued)

U001372538

Piping Category:	J
Piping Description:	Pressurized piping system
Tank ID:	8
Piping Category:	K
Piping Description:	Dispenser liners
Tank ID:	9
Piping Category:	N
Piping Description:	Approved synthetic material
Tank ID:	9
Piping Category:	F
Piping Description:	Double wall
Tank ID:	9
Piping Category:	J
Piping Description:	Pressurized piping system
Tank ID:	9
Piping Category:	K
Piping Description:	Dispenser liners
Tank ID:	10
Piping Category:	N
Piping Description:	Approved synthetic material
Tank ID:	10
Piping Category:	F
Piping Description:	Double wall
Tank ID:	10
Piping Category:	J
Piping Description:	Pressurized piping system
Tank ID:	10
Piping Category:	K
Piping Description:	Dispenser liners
Tank ID:	11
Piping Category:	N
Piping Description:	Approved synthetic material
Tank ID:	11
Piping Category:	F
Piping Description:	Double wall
Tank ID:	11
Piping Category:	J
Piping Description:	Pressurized piping system
Tank ID:	11
Piping Category:	K
Piping Description:	Dispenser liners
Tank ID:	12
Piping Category:	N

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GATE #1207 (Continued)

U001372538

Piping Description: Approved synthetic material

Tank ID: 12

Piping Category: F

Piping Description: Double wall

Tank ID: 12

Piping Category: J

Piping Description: Pressurized piping system

Tank ID: 12

Piping Category: I

Piping Description: Suction piping system

Tank ID: 14

Piping Category: F

Piping Description: Double wall

Tank ID: 14

Piping Category: J

Piping Description: Pressurized piping system

Tank ID: 14

Piping Category: K

Piping Description: Dispenser liners

Tank ID: 14

Piping Category: C

Piping Description: Fiberglass

Monitoring:

Tank ID: 8

Petro Monitoring Category: 1

Monitoring Description: Continuous electronic sensing

Tank ID: 8

Petro Monitoring Category: F

Monitoring Description: Monitor dbl wall tank space

Tank ID: 9

Petro Monitoring Category: F

Monitoring Description: Monitor dbl wall tank space

Tank ID: 10

Petro Monitoring Category: F

Monitoring Description: Monitor dbl wall tank space

Tank ID: 11

Petro Monitoring Category: F

Monitoring Description: Monitor dbl wall tank space

Tank ID: 12

Petro Monitoring Category: F

Monitoring Description: Monitor dbl wall tank space

Tank ID: 9

Petro Monitoring Category: 1

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GATE #1207 (Continued)

U001372538

Monitoring Description:	Continuous electronic sensing
Tank ID:	10
Petro Monitoring Category:	1
Monitoring Description:	Continuous electronic sensing
Tank ID:	11
Petro Monitoring Category:	1
Monitoring Description:	Continuous electronic sensing
Tank ID:	12
Petro Monitoring Category:	1
Monitoring Description:	Continuous electronic sensing
Tank ID:	8
Petro Monitoring Category:	H
Monitoring Description:	Mechanical line leak detector
Tank ID:	8
Petro Monitoring Category:	K
Monitoring Description:	Monitor dbl wall pipe space
Tank ID:	9
Petro Monitoring Category:	K
Monitoring Description:	Monitor dbl wall pipe space
Tank ID:	9
Petro Monitoring Category:	H
Monitoring Description:	Mechanical line leak detector
Tank ID:	10
Petro Monitoring Category:	H
Monitoring Description:	Mechanical line leak detector
Tank ID:	11
Petro Monitoring Category:	H
Monitoring Description:	Mechanical line leak detector
Tank ID:	11
Petro Monitoring Category:	K
Monitoring Description:	Monitor dbl wall pipe space
Tank ID:	12
Petro Monitoring Category:	H
Monitoring Description:	Mechanical line leak detector
Tank ID:	12
Petro Monitoring Category:	K
Monitoring Description:	Monitor dbl wall pipe space
Tank ID:	14
Petro Monitoring Category:	H
Monitoring Description:	Mechanical line leak detector
Tank ID:	14
Petro Monitoring Category:	3
Monitoring Description:	Electronic monitor pipe sumps

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GATE #1207 (Continued)

U001372538

Tank ID: 14
Petro Monitoring Category: 4
Monitoring Description: Visual inspect dispenser liners

Tank ID: 14
Petro Monitoring Category: 1
Monitoring Description: Continuous electronic sensing

Tank ID: 14
Petro Monitoring Category: L
Monitoring Description: Automatic tank gauging - USTs

Tank ID: 14
Petro Monitoring Category: F
Monitoring Description: Monitor dbl wall tank space

Tank ID: 6
Tank Capacity: 12000
Tank Location: UNDERGROUND
Tank Status: B
Status Date: 04/01/1998
Install Date: 7/1/1982
Substance: D
Content Description: Vehicular Diesel
Vessel Indicator: TANK
DEP Contractor: P

Owner:

Owner ID: 8149
Owner Name: GATE PETROLEUM CO
Owner Address: 9540 SAN JOSE BLVD
Owner Address 2: ATTN: STORAGE TANK REGIS
Owner City,State,Zip: Jacksonville, FL 32257
Owner Contact: MARLENE TALLEY (904) 448-2998
Owner Phone: 9044482998

Construction:

Tank ID: 14
Construction Category: N
Construction Description: Flow shut-Off

Tank ID: 14
Construction Category: C
Construction Description: Steel

Tank ID: 14
Construction Category: M
Construction Description: Spill containment bucket

Tank ID: 14
Construction Category: O
Construction Description: Tight fill

Tank ID: 14
Construction Category: F
Construction Description: Fiberglass clad steel

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GATE #1207 (Continued)

U001372538

Tank ID:	14
Construction Category:	I
Construction Description:	Double wall
Tank ID:	8
Construction Category:	M
Construction Description:	Spill containment bucket
Tank ID:	9
Construction Category:	M
Construction Description:	Spill containment bucket
Tank ID:	10
Construction Category:	M
Construction Description:	Spill containment bucket
Tank ID:	11
Construction Category:	M
Construction Description:	Spill containment bucket
Tank ID:	12
Construction Category:	M
Construction Description:	Spill containment bucket
Tank ID:	8
Construction Category:	I
Construction Description:	Double wall
Tank ID:	8
Construction Category:	E
Construction Description:	Fiberglass
Tank ID:	8
Construction Category:	A
Construction Description:	Ball check valve
Tank ID:	9
Construction Category:	I
Construction Description:	Double wall
Tank ID:	9
Construction Category:	E
Construction Description:	Fiberglass
Tank ID:	9
Construction Category:	A
Construction Description:	Ball check valve
Tank ID:	10
Construction Category:	I
Construction Description:	Double wall
Tank ID:	10
Construction Category:	E
Construction Description:	Fiberglass
Tank ID:	10

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GATE #1207 (Continued)

U001372538

Construction Category: A
Construction Description: Ball check valve

Tank ID: 11
Construction Category: I
Construction Description: Double wall

Tank ID: 11
Construction Category: E
Construction Description: Fiberglass

Tank ID: 11
Construction Category: A
Construction Description: Ball check valve

Tank ID: 12
Construction Category: I
Construction Description: Double wall

Tank ID: 12
Construction Category: E
Construction Description: Fiberglass

Tank ID: 12
Construction Category: A
Construction Description: Ball check valve

Tank ID: 12
Construction Category: L
Construction Description: Compartmented

Piping:

Tank ID: 8
Piping Category: N
Piping Description: Approved synthetic material

Tank ID: 8
Piping Category: F
Piping Description: Double wall

Tank ID: 8
Piping Category: J
Piping Description: Pressurized piping system

Tank ID: 8
Piping Category: K
Piping Description: Dispenser liners

Tank ID: 9
Piping Category: N
Piping Description: Approved synthetic material

Tank ID: 9
Piping Category: F
Piping Description: Double wall

Tank ID: 9

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GATE #1207 (Continued)

U001372538

Piping Category:	J
Piping Description:	Pressurized piping system
Tank ID:	9
Piping Category:	K
Piping Description:	Dispenser liners
Tank ID:	10
Piping Category:	N
Piping Description:	Approved synthetic material
Tank ID:	10
Piping Category:	F
Piping Description:	Double wall
Tank ID:	10
Piping Category:	J
Piping Description:	Pressurized piping system
Tank ID:	10
Piping Category:	K
Piping Description:	Dispenser liners
Tank ID:	11
Piping Category:	N
Piping Description:	Approved synthetic material
Tank ID:	11
Piping Category:	F
Piping Description:	Double wall
Tank ID:	11
Piping Category:	J
Piping Description:	Pressurized piping system
Tank ID:	11
Piping Category:	K
Piping Description:	Dispenser liners
Tank ID:	12
Piping Category:	N
Piping Description:	Approved synthetic material
Tank ID:	12
Piping Category:	F
Piping Description:	Double wall
Tank ID:	12
Piping Category:	J
Piping Description:	Pressurized piping system
Tank ID:	12
Piping Category:	I
Piping Description:	Suction piping system
Tank ID:	14
Piping Category:	F

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GATE #1207 (Continued)

U001372538

Piping Description: Double wall

Tank ID: 14
Piping Category: J
Piping Description: Pressurized piping system

Tank ID: 14
Piping Category: K
Piping Description: Dispenser liners

Tank ID: 14
Piping Category: C
Piping Description: Fiberglass

Monitoring:

Tank ID: 8
Petro Monitoring Category: 1
Monitoring Description: Continuous electronic sensing

Tank ID: 8
Petro Monitoring Category: F
Monitoring Description: Monitor dbl wall tank space

Tank ID: 9
Petro Monitoring Category: F
Monitoring Description: Monitor dbl wall tank space

Tank ID: 10
Petro Monitoring Category: F
Monitoring Description: Monitor dbl wall tank space

Tank ID: 11
Petro Monitoring Category: F
Monitoring Description: Monitor dbl wall tank space

Tank ID: 12
Petro Monitoring Category: F
Monitoring Description: Monitor dbl wall tank space

Tank ID: 9
Petro Monitoring Category: 1
Monitoring Description: Continuous electronic sensing

Tank ID: 10
Petro Monitoring Category: 1
Monitoring Description: Continuous electronic sensing

Tank ID: 11
Petro Monitoring Category: 1
Monitoring Description: Continuous electronic sensing

Tank ID: 12
Petro Monitoring Category: 1
Monitoring Description: Continuous electronic sensing

Tank ID: 8
Petro Monitoring Category: H

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GATE #1207 (Continued)

U001372538

Monitoring Description:	Mechanical line leak detector
Tank ID:	8
Petro Monitoring Category:	K
Monitoring Description:	Monitor dbl wall pipe space
Tank ID:	9
Petro Monitoring Category:	K
Monitoring Description:	Monitor dbl wall pipe space
Tank ID:	9
Petro Monitoring Category:	H
Monitoring Description:	Mechanical line leak detector
Tank ID:	10
Petro Monitoring Category:	H
Monitoring Description:	Mechanical line leak detector
Tank ID:	11
Petro Monitoring Category:	H
Monitoring Description:	Mechanical line leak detector
Tank ID:	11
Petro Monitoring Category:	K
Monitoring Description:	Monitor dbl wall pipe space
Tank ID:	12
Petro Monitoring Category:	H
Monitoring Description:	Mechanical line leak detector
Tank ID:	12
Petro Monitoring Category:	K
Monitoring Description:	Monitor dbl wall pipe space
Tank ID:	14
Petro Monitoring Category:	H
Monitoring Description:	Mechanical line leak detector
Tank ID:	14
Petro Monitoring Category:	3
Monitoring Description:	Electronic monitor pipe sumps
Tank ID:	14
Petro Monitoring Category:	4
Monitoring Description:	Visual inspect dispenser liners
Tank ID:	14
Petro Monitoring Category:	1
Monitoring Description:	Continuous electronic sensing
Tank ID:	14
Petro Monitoring Category:	L
Monitoring Description:	Automatic tank gauging - USTs
Tank ID:	14
Petro Monitoring Category:	F
Monitoring Description:	Monitor dbl wall tank space

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GATE #1207 (Continued)

U001372538

Tank ID: 7
Tank Capacity: 12000
Tank Location: UNDERGROUND
Tank Status: B
Status Date: 04/01/1998
Install Date: 7/1/1982
Substance: D
Content Description: Vehicular Diesel
Vessel Indicator: TANK
DEP Contractor: P

Owner:

Owner ID: 8149
Owner Name: GATE PETROLEUM CO
Owner Address: 9540 SAN JOSE BLVD
Owner Address 2: ATTN: STORAGE TANK REGIS
Owner City,State,Zip: Jacksonville, FL 32257
Owner Contact: MARLENE TALLEY (904) 448-2998
Owner Phone: 9044482998

Construction:

Tank ID: 14
Construction Category: N
Construction Description: Flow shut-Off

Tank ID: 14
Construction Category: C
Construction Description: Steel

Tank ID: 14
Construction Category: M
Construction Description: Spill containment bucket

Tank ID: 14
Construction Category: O
Construction Description: Tight fill

Tank ID: 14
Construction Category: F
Construction Description: Fiberglass clad steel

Tank ID: 14
Construction Category: I
Construction Description: Double wall

Tank ID: 8
Construction Category: M
Construction Description: Spill containment bucket

Tank ID: 9
Construction Category: M
Construction Description: Spill containment bucket

Tank ID: 10
Construction Category: M
Construction Description: Spill containment bucket

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GATE #1207 (Continued)

U001372538

Tank ID: 11
Construction Category: M
Construction Description: Spill containment bucket

Tank ID: 12
Construction Category: M
Construction Description: Spill containment bucket

Tank ID: 8
Construction Category: I
Construction Description: Double wall

Tank ID: 8
Construction Category: E
Construction Description: Fiberglass

Tank ID: 8
Construction Category: A
Construction Description: Ball check valve

Tank ID: 9
Construction Category: I
Construction Description: Double wall

Tank ID: 9
Construction Category: E
Construction Description: Fiberglass

Tank ID: 9
Construction Category: A
Construction Description: Ball check valve

Tank ID: 10
Construction Category: I
Construction Description: Double wall

Tank ID: 10
Construction Category: E
Construction Description: Fiberglass

Tank ID: 10
Construction Category: A
Construction Description: Ball check valve

Tank ID: 11
Construction Category: I
Construction Description: Double wall

Tank ID: 11
Construction Category: E
Construction Description: Fiberglass

Tank ID: 11
Construction Category: A
Construction Description: Ball check valve

Tank ID: 12

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GATE #1207 (Continued)

U001372538

Construction Category: I
Construction Description: Double wall

Tank ID: 12
Construction Category: E
Construction Description: Fiberglass

Tank ID: 12
Construction Category: A
Construction Description: Ball check valve

Tank ID: 12
Construction Category: L
Construction Description: Compartmented

Piping:

Tank ID: 8
Piping Category: N
Piping Description: Approved synthetic material

Tank ID: 8
Piping Category: F
Piping Description: Double wall

Tank ID: 8
Piping Category: J
Piping Description: Pressurized piping system

Tank ID: 8
Piping Category: K
Piping Description: Dispenser liners

Tank ID: 9
Piping Category: N
Piping Description: Approved synthetic material

Tank ID: 9
Piping Category: F
Piping Description: Double wall

Tank ID: 9
Piping Category: J
Piping Description: Pressurized piping system

Tank ID: 9
Piping Category: K
Piping Description: Dispenser liners

Tank ID: 10
Piping Category: N
Piping Description: Approved synthetic material

Tank ID: 10
Piping Category: F
Piping Description: Double wall

Tank ID: 10

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GATE #1207 (Continued)

U001372538

Piping Category:	J
Piping Description:	Pressurized piping system
Tank ID:	10
Piping Category:	K
Piping Description:	Dispenser liners
Tank ID:	11
Piping Category:	N
Piping Description:	Approved synthetic material
Tank ID:	11
Piping Category:	F
Piping Description:	Double wall
Tank ID:	11
Piping Category:	J
Piping Description:	Pressurized piping system
Tank ID:	11
Piping Category:	K
Piping Description:	Dispenser liners
Tank ID:	12
Piping Category:	N
Piping Description:	Approved synthetic material
Tank ID:	12
Piping Category:	F
Piping Description:	Double wall
Tank ID:	12
Piping Category:	J
Piping Description:	Pressurized piping system
Tank ID:	12
Piping Category:	I
Piping Description:	Suction piping system
Tank ID:	14
Piping Category:	F
Piping Description:	Double wall
Tank ID:	14
Piping Category:	J
Piping Description:	Pressurized piping system
Tank ID:	14
Piping Category:	K
Piping Description:	Dispenser liners
Tank ID:	14
Piping Category:	C
Piping Description:	Fiberglass
Monitoring:	
Tank ID:	8

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GATE #1207 (Continued)

U001372538

Petro Monitoring Category:	1
Monitoring Description:	Continuous electronic sensing
Tank ID:	8
Petro Monitoring Category:	F
Monitoring Description:	Monitor dbl wall tank space
Tank ID:	9
Petro Monitoring Category:	F
Monitoring Description:	Monitor dbl wall tank space
Tank ID:	10
Petro Monitoring Category:	F
Monitoring Description:	Monitor dbl wall tank space
Tank ID:	11
Petro Monitoring Category:	F
Monitoring Description:	Monitor dbl wall tank space
Tank ID:	12
Petro Monitoring Category:	F
Monitoring Description:	Monitor dbl wall tank space
Tank ID:	9
Petro Monitoring Category:	1
Monitoring Description:	Continuous electronic sensing
Tank ID:	10
Petro Monitoring Category:	1
Monitoring Description:	Continuous electronic sensing
Tank ID:	11
Petro Monitoring Category:	1
Monitoring Description:	Continuous electronic sensing
Tank ID:	12
Petro Monitoring Category:	1
Monitoring Description:	Continuous electronic sensing
Tank ID:	8
Petro Monitoring Category:	H
Monitoring Description:	Mechanical line leak detector
Tank ID:	8
Petro Monitoring Category:	K
Monitoring Description:	Monitor dbl wall pipe space
Tank ID:	9
Petro Monitoring Category:	K
Monitoring Description:	Monitor dbl wall pipe space
Tank ID:	9
Petro Monitoring Category:	H
Monitoring Description:	Mechanical line leak detector
Tank ID:	10
Petro Monitoring Category:	H

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GATE #1207 (Continued)

U001372538

Monitoring Description:	Mechanical line leak detector
Tank ID:	11
Petro Monitoring Category:	H
Monitoring Description:	Mechanical line leak detector
Tank ID:	11
Petro Monitoring Category:	K
Monitoring Description:	Monitor dbl wall pipe space
Tank ID:	12
Petro Monitoring Category:	H
Monitoring Description:	Mechanical line leak detector
Tank ID:	12
Petro Monitoring Category:	K
Monitoring Description:	Monitor dbl wall pipe space
Tank ID:	14
Petro Monitoring Category:	H
Monitoring Description:	Mechanical line leak detector
Tank ID:	14
Petro Monitoring Category:	3
Monitoring Description:	Electronic monitor pipe sumps
Tank ID:	14
Petro Monitoring Category:	4
Monitoring Description:	Visual inspect dispenser liners
Tank ID:	14
Petro Monitoring Category:	1
Monitoring Description:	Continuous electronic sensing
Tank ID:	14
Petro Monitoring Category:	L
Monitoring Description:	Automatic tank gauging - USTs
Tank ID:	14
Petro Monitoring Category:	F
Monitoring Description:	Monitor dbl wall tank space

CLEANUP SITES:

Name:	GATE #1207
Address:	2350 HWY 16 @ I-95
City,State,Zip:	SAINT AUGUSTINE, FL 32095
DEP Cleanup Site Key:	74756646
Source Database Name:	Storage Tank Contamination Monitoring
Source Database Id:	8515980
CPAC Program Area Id:	TK
CLLC Cleanup Category Key:	PETRO
RSC2 Remediation Status Key:	PENDING
Data Load Date:	02/20/2023
OC3 Office Id:	NED
Physical Address Line 2:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GATE #1207 (Continued)

U001372538

OIC Object Of Interest Id: FACIL
PC2 Proximity Id: EXACT
Calc Coordinates Accuracy Level Id: 4
CMC2 Coordinate Method Id: Digital Aerial Photography With Ground Control
DC4 Datum Id: High Accuracy Reference Network
VSC1 Verification Status: REVIEWED
Collect Username: MAUCH_R55
Collect Date: 08/21/2003
Collect Affiliation: COUNTY HEALTH DEPARTMENT
Map Source: 1994 doqs
Map Source Scale: 1592
Interpolation Scale: Not reported
Verifier Username: MAUCH_R55
Verifier Affiliation: COUNTY HEALTH DEPARTMENT
Verification Date: 08/21/2003
Verified Coordinate Method Id: Digital Aerial Photography With Ground Control
Source Database Name Code: STCM
CMC2 Coordinate Method ID Code: DPHO
DC4 Datum ID Code: HARN
Verified Coordinate Method ID Code: DPHO
Comments: Not reported
Latitude/Longitude (deg/min/sec): 29 55 / 81 24

DWM CONTAM:

Name: GATE #1207
Address: 2350 HWY 16 @ I-95
City,State,Zip: SAINT AUGUSTINE, FL 32095
Program Site Id: 8515980
Lat DD: 29
Lat MM: 55
Lat SS: Not reported
Long DD: 81
Long MM: 24
Long SS: 31
Office/ District: NED
Program Area: PETROLEUM
Priority Score: Not reported
Datum: 0
Method: AGPS
Facility Status: CLOSED-STCM
Facility Type: A - Retail Station
Score Effective Date: 1997-11-04 00:00:00
Score When Ranked: Not reported
Rank: Not reported
Operator: Not reported
Phone: Not reported
Name Changed: Not reported
Addr Changed: Not reported
Related Party ID: 8149
Primary RP Role: ACCOUNT OWNER
RP Begin Date: 2/22/2001
RP Name: GATE PETROLEUM CO
RP Address1: PO BOX 23627
RP Address2: ATTN: STORAGE TANK REGIS
RP City: JACKSONVILLE
RP State: FL
RP Zip5: 32241

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GATE #1207 (Continued)

U001372538

RP Zip4: 3627
Contact: ELLYN CAVIN | MARLENE TALLEY (904) 448-2998
RP Phone: (904)448-7035
RP Extension: Not reported
Site Manager: Not reported

Name: GATE #1207
Address: 2350 HWY 16 @ I-95
City,State,Zip: SAINT AUGUSTINE, FL 32095
Program Site Id: 8515980
Lat DD: 29
Lat MM: 55
Lat SS: Not reported
Long DD: 81
Long MM: 24
Long SS: 31
Office/ District: NED
Program Area: PETROLEUM
Priority Score: Not reported
Datum: 0
Method: AGPS
Facility Status: CLOSED-STCM
Facility Type: A - Retail Station
Score Effective Date: 1997-11-04 00:00:00
Score When Ranked: Not reported
Rank: Not reported
Operator: Not reported
Phone: Not reported
Name Changed: Not reported
Addr Changed: Not reported
Related Party ID: 8149
Primary RP Role: ACCOUNT OWNER
RP Begin Date: 2/22/2001
RP Name: GATE PETROLEUM CO
RP Address1: PO BOX 23627
RP Address2: ATTN: STORAGE TANK REGIS
RP City: JACKSONVILLE
RP State: FL
RP Zip5: 32241
RP Zip4: 3627
Contact: ELLYN CAVIN | MARLENE TALLEY (904) 448-2998
RP Phone: (904)448-7035
RP Extension: Not reported
Site Manager: Not reported

Name: GATE #1207
Address: 2350 HWY 16 @ I-95
City,State,Zip: SAINT AUGUSTINE, FL 32095
Program Site Id: 8515980
Lat DD: 29
Lat MM: 55
Lat SS: Not reported
Long DD: 81
Long MM: 24
Long SS: 31
Office/ District: NED
Program Area: PETROLEUM

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GATE #1207 (Continued)

U001372538

Priority Score: Not reported
Datum: 0
Method: AGPS
Facility Status: ON HOLD-STCM
Facility Type: A - Retail Station
Score Effective Date: 1997-11-04 00:00:00
Score When Ranked: Not reported
Rank: Not reported
Operator: Not reported
Phone: Not reported
Name Changed: Not reported
Addr Changed: Not reported
Related Party ID: 8149
Primary RP Role: ACCOUNT OWNER
RP Begin Date: 2/22/2001
RP Name: GATE PETROLEUM CO
RP Address1: PO BOX 23627
RP Address2: ATTN: STORAGE TANK REGIS
RP City: JACKSONVILLE
RP State: FL
RP Zip5: 32241
RP Zip4: 3627
Contact: ELLYN CAVIN | MARLENE TALLEY (904) 448-2998
RP Phone: (904)448-7035
RP Extension: Not reported
Site Manager: Not reported

Name: GATE #1207
Address: 2350 HWY 16 @ I-95
City,State,Zip: SAINT AUGUSTINE, FL 32095
Program Site Id: 8515980
Lat DD: 29
Lat MM: 55
Lat SS: Not reported
Long DD: 81
Long MM: 24
Long SS: 31
Office/ District: NED
Program Area: PETROLEUM
Priority Score: Not reported
Datum: 0
Method: AGPS
Facility Status: CLOSED-STCM
Facility Type: A - Retail Station
Score Effective Date: 1997-11-04 00:00:00
Score When Ranked: Not reported
Rank: Not reported
Operator: Not reported
Phone: Not reported
Name Changed: Not reported
Addr Changed: Not reported
Related Party ID: 8149
Primary RP Role: ACCOUNT OWNER
RP Begin Date: 2/22/2001
RP Name: GATE PETROLEUM CO
RP Address1: PO BOX 23627
RP Address2: ATTN: STORAGE TANK REGIS

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GATE #1207 (Continued)

U001372538

RP City: JACKSONVILLE
RP State: FL
RP Zip5: 32241
RP Zip4: 3627
Contact: ELLYN CAVIN | MARLENE TALLEY (904) 448-2998
RP Phone: (904)448-7035
RP Extension: Not reported
Site Manager: Not reported

Name: GATE #1207
Address: 2350 HWY 16 @ I-95
City,State,Zip: SAINT AUGUSTINE, FL 32095
Program Site Id: 8515980
Lat DD: 29
Lat MM: 55
Lat SS: Not reported
Long DD: 81
Long MM: 24
Long SS: 31
Office/ District: NED
Program Area: PETROLEUM
Priority Score: Not reported
Datum: 0
Method: AGPS
Facility Status: CLOSED-STCM
Facility Type: A - Retail Station
Score Effective Date: 1997-11-04 00:00:00
Score When Ranked: Not reported
Rank: Not reported
Operator: Not reported
Phone: Not reported
Name Changed: Not reported
Addr Changed: Not reported
Related Party ID: 8149
Primary RP Role: ACCOUNT OWNER
RP Begin Date: 2/22/2001
RP Name: GATE PETROLEUM CO
RP Address1: PO BOX 23627
RP Address2: ATTN: STORAGE TANK REGIS
RP City: JACKSONVILLE
RP State: FL
RP Zip5: 32241
RP Zip4: 3627
Contact: ELLYN CAVIN | MARLENE TALLEY (904) 448-2998
RP Phone: (904)448-7035
RP Extension: Not reported
Site Manager: Not reported

Name: GATE #1207
Address: 2350 HWY 16 @ I-95
City,State,Zip: SAINT AUGUSTINE, FL 32095
Program Site Id: 8515980
Lat DD: 29
Lat MM: 55
Lat SS: Not reported
Long DD: 81
Long MM: 24

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GATE #1207 (Continued)

U001372538

Long SS: 31
Office/ District: NED
Program Area: PETROLEUM
Priority Score: Not reported
Datum: 0
Method: AGPS
Facility Status: CLOSED-STCM
Facility Type: A - Retail Station
Score Effective Date: 1997-11-04 00:00:00
Score When Ranked: Not reported
Rank: Not reported
Operator: Not reported
Phone: Not reported
Name Changed: Not reported
Addr Changed: Not reported
Related Party ID: 8149
Primary RP Role: ACCOUNT OWNER
RP Begin Date: 2/22/2001
RP Name: GATE PETROLEUM CO
RP Address1: PO BOX 23627
RP Address2: ATTN: STORAGE TANK REGIS
RP City: JACKSONVILLE
RP State: FL
RP Zip5: 32241
RP Zip4: 3627
Contact: ELLYN CAVIN | MARLENE TALLEY (904) 448-2998
RP Phone: (904)448-7035
RP Extension: Not reported
Site Manager: Not reported

FL Financial Assurance 3:

Name: GATE #1207
Address: 2350 HWY 16 @ I-95
City,State,Zip: SAINT AUGUSTINE, FL 32095
Region: 3
Facility ID: 8515980
Facility Phone: 9048243395
Facility Status: OPEN
Facility Type: A
Type Description: Retail Station
DEP CO: P
Financial Responsibility: SELF-INSURANCE - LETTER FROM CHIEF FINANCIAL OFFIC
Insurance Company: Not reported
Effective Date: 01/01/2014
Expire Date: 12/31/2014
Owner ID: 8149
Owner Name: GATE PETROLEUM CO
Owner Address: 9540 SAN JOSE BLVD
Owner Address2: ATTN: STORAGE TANK REGIS
Owner City,St,Zip: Jacksonville, FL 32257
Contact: MARLENE TALLEY (904) 448-2998
Resp Party Phone: 9044482998

Name: GATE #1207
Address: 2350 HWY 16 @ I-95
City,State,Zip: SAINT AUGUSTINE, FL 32095
Region: 3

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GATE #1207 (Continued)

U001372538

Facility ID: 8515980
Facility Phone: 9048243395
Facility Status: OPEN
Facility Type: A
Type Description: Retail Station
DEP CO: P
Financial Responsibility: SELF-INSURANCE - LETTER FROM CHIEF FINANCIAL OFFIC
Insurance Company: Not reported
Effective Date: 01/01/2015
Expire Date: 12/31/2015
Owner ID: 8149
Owner Name: GATE PETROLEUM CO
Owner Address: 9540 SAN JOSE BLVD
Owner Address2: ATTN: STORAGE TANK REGIS
Owner City,St,Zip: Jacksonville, FL 32257
Contact: MARLENE TALLEY (904) 448-2998
Resp Party Phone: 9044482998

Name: GATE #1207
Address: 2350 HWY 16 @ I-95
City,State,Zip: SAINT AUGUSTINE, FL 32095
Region: 3
Facility ID: 8515980
Facility Phone: 9048243395
Facility Status: OPEN
Facility Type: A
Type Description: Retail Station
DEP CO: P
Financial Responsibility: SELF-INSURANCE - LETTER FROM CHIEF FINANCIAL OFFIC
Insurance Company: Not reported
Effective Date: 01/01/2016
Expire Date: 12/31/2016
Owner ID: 8149
Owner Name: GATE PETROLEUM CO
Owner Address: 9540 SAN JOSE BLVD
Owner Address2: ATTN: STORAGE TANK REGIS
Owner City,St,Zip: Jacksonville, FL 32257
Contact: MARLENE TALLEY (904) 448-2998
Resp Party Phone: 9044482998

Name: GATE #1207
Address: 2350 HWY 16 @ I-95
City,State,Zip: SAINT AUGUSTINE, FL 32095
Region: 3
Facility ID: 8515980
Facility Phone: 9048243395
Facility Status: OPEN
Facility Type: A
Type Description: Retail Station
DEP CO: P
Financial Responsibility: SELF-INSURANCE - LETTER FROM CHIEF FINANCIAL OFFIC
Insurance Company: Not reported
Effective Date: 01/01/2017
Expire Date: 12/31/2017
Owner ID: 8149
Owner Name: GATE PETROLEUM CO
Owner Address: 9540 SAN JOSE BLVD

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GATE #1207 (Continued)

U001372538

Owner Address2: ATTN: STORAGE TANK REGIS
Owner City,St,Zip: Jacksonville, FL 32257
Contact: MARLENE TALLEY (904) 448-2998
Resp Party Phone: 9044482998

Name: GATE #1207
Address: 2350 HWY 16 @ I-95
City,State,Zip: SAINT AUGUSTINE, FL 32095
Region: 3
Facility ID: 8515980
Facility Phone: 9048243395
Facility Status: OPEN
Facility Type: A
Type Description: Retail Station
DEP CO: P
Financial Responsibility: SELF-INSURANCE - LETTER FROM CHIEF FINANCIAL OFFIC
Insurance Company: Not reported
Effective Date: 01/01/2018
Expire Date: 12/31/2018
Owner ID: 8149
Owner Name: GATE PETROLEUM CO
Owner Address: 9540 SAN JOSE BLVD
Owner Address2: ATTN: STORAGE TANK REGIS
Owner City,St,Zip: Jacksonville, FL 32257
Contact: MARLENE TALLEY (904) 448-2998
Resp Party Phone: 9044482998

Name: GATE #1207
Address: 2350 HWY 16 @ I-95
City,State,Zip: SAINT AUGUSTINE, FL 32095
Region: 3
Facility ID: 8515980
Facility Phone: 9048243395
Facility Status: OPEN
Facility Type: A
Type Description: Retail Station
DEP CO: P
Financial Responsibility: SELF-INSURANCE - LETTER FROM CHIEF FINANCIAL OFFIC
Insurance Company: Not reported
Effective Date: 01/01/2019
Expire Date: 12/31/2019
Owner ID: 8149
Owner Name: GATE PETROLEUM CO
Owner Address: 9540 SAN JOSE BLVD
Owner Address2: ATTN: STORAGE TANK REGIS
Owner City,St,Zip: Jacksonville, FL 32257
Contact: MARLENE TALLEY (904) 448-2998
Resp Party Phone: 9044482998

Name: GATE #1207
Address: 2350 HWY 16 @ I-95
City,State,Zip: SAINT AUGUSTINE, FL 32095
Region: 3
Facility ID: 8515980
Facility Phone: 9048243395
Facility Status: OPEN
Facility Type: A

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GATE #1207 (Continued)

U001372538

Type Description: Retail Station
DEP CO: P
Financial Responsibility: SELF-INSURANCE - LETTER FROM CHIEF FINANCIAL OFFIC
Insurance Company: Not reported
Effective Date: 07/01/2019
Expire Date: 10/28/2019
Owner ID: 8149
Owner Name: GATE PETROLEUM CO
Owner Address: 9540 SAN JOSE BLVD
Owner Address2: ATTN: STORAGE TANK REGIS
Owner City,St,Zip: Jacksonville, FL 32257
Contact: MARLENE TALLEY (904) 448-2998
Resp Party Phone: 9044482998

Name: GATE #1207
Address: 2350 HWY 16 @ I-95
City,State,Zip: SAINT AUGUSTINE, FL 32095
Region: 3
Facility ID: 8515980
Facility Phone: 9048243395
Facility Status: OPEN
Facility Type: A
Type Description: Retail Station
DEP CO: P
Financial Responsibility: SELF-INSURANCE - LETTER FROM CHIEF FINANCIAL OFFIC
Insurance Company: Not reported
Effective Date: 07/01/2020
Expire Date: 10/28/2021
Owner ID: 8149
Owner Name: GATE PETROLEUM CO
Owner Address: 9540 SAN JOSE BLVD
Owner Address2: ATTN: STORAGE TANK REGIS
Owner City,St,Zip: Jacksonville, FL 32257
Contact: MARLENE TALLEY (904) 448-2998
Resp Party Phone: 9044482998

Name: GATE #1207
Address: 2350 HWY 16 @ I-95
City,State,Zip: SAINT AUGUSTINE, FL 32095
Region: 3
Facility ID: 8515980
Facility Phone: 9048243395
Facility Status: OPEN
Facility Type: A
Type Description: Retail Station
DEP CO: P
Financial Responsibility: SELF-INSURANCE - LETTER FROM CHIEF FINANCIAL OFFIC
Insurance Company: Not reported
Effective Date: 12/01/2009
Expire Date: 12/31/2010
Owner ID: 8149
Owner Name: GATE PETROLEUM CO
Owner Address: 9540 SAN JOSE BLVD
Owner Address2: ATTN: STORAGE TANK REGIS
Owner City,St,Zip: Jacksonville, FL 32257
Contact: MARLENE TALLEY (904) 448-2998
Resp Party Phone: 9044482998

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GATE #1207 (Continued)

U001372538

Name: GATE #1207
Address: 2350 HWY 16 @ I-95
City,State,Zip: SAINT AUGUSTINE, FL 32095
Region: 3
Facility ID: 8515980
Facility Phone: 9048243395
Facility Status: OPEN
Facility Type: A
Type Description: Retail Station
DEP CO: P
Financial Responsibility: SELF-INSURANCE - LETTER FROM CHIEF FINANCIAL OFFIC
Insurance Company: Not reported
Effective Date: 12/01/2010
Expire Date: 12/31/2011
Owner ID: 8149
Owner Name: GATE PETROLEUM CO
Owner Address: 9540 SAN JOSE BLVD
Owner Address2: ATTN: STORAGE TANK REGIS
Owner City,St,Zip: Jacksonville, FL 32257
Contact: MARLENE TALLEY (904) 448-2998
Resp Party Phone: 9044482998

Name: GATE #1207
Address: 2350 HWY 16 @ I-95
City,State,Zip: SAINT AUGUSTINE, FL 32095
Region: 3
Facility ID: 8515980
Facility Phone: 9048243395
Facility Status: OPEN
Facility Type: A
Type Description: Retail Station
DEP CO: P
Financial Responsibility: SELF-INSURANCE - LETTER FROM CHIEF FINANCIAL OFFIC
Insurance Company: Not reported
Effective Date: 12/31/2007
Expire Date: 12/31/2008
Owner ID: 8149
Owner Name: GATE PETROLEUM CO
Owner Address: 9540 SAN JOSE BLVD
Owner Address2: ATTN: STORAGE TANK REGIS
Owner City,St,Zip: Jacksonville, FL 32257
Contact: MARLENE TALLEY (904) 448-2998
Resp Party Phone: 9044482998

N68
ESE
1/4-1/2
0.320 mi.
1690 ft.

GATE #1207
2350 HWY 16 @ I-95
ST AUGUSTINE, FL
Site 5 of 8 in cluster N

RGA LUST S115178127
N/A

Actual:
40 ft.

RGA LUST:

Focus Map:
10

2004	GATE #1207	2350 HWY 16 @ I-95
2003	GATE #1207	2350 HWY 16 @ I-95
2002	GATE #1207	2350 HWY 16 @ I-95
2001	GATE #1207	2350 HWY 16 @ I-95

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

N69
ESE
1/4-1/2
0.320 mi.
1690 ft.
GATE #1207
2350 HWY 16 @ I-95
SAINT AUGUSTINE, FL
Site 6 of 8 in cluster N

RGA LUST **S115178126**
N/A

Actual: **RGA LUST:**
40 ft.
Focus Map:
10

2012	GATE #1207	2350 HWY 16 @ I-95
2011	GATE #1207	2350 HWY 16 @ I-95
2010	GATE #1207	2350 HWY 16 @ I-95
2009	GATE #1207	2350 HWY 16 @ I-95
2008	GATE #1207	2350 HWY 16 @ I-95
2007	GATE #1207	2350 HWY 16 @ I-95
2006	GATE #1207	2350 HWY 16 @ I-95
2005	GATE #1207	2350 HWY 16 @ I-95

N70
ESE
1/4-1/2
0.320 mi.
1690 ft.
SPEEDWAY #8235
2350 HWY 16 @ I 95
SAINT AUGUSTINE, FL
Site 7 of 8 in cluster N

RGA LUST **S115198204**
N/A

Actual: **RGA LUST:**
40 ft.
Focus Map:
10

2000	SPEEDWAY #8235	2350 HWY 16 @ I 95
1999	SPEEDWAY #8235	2350 HWY 16 @ I 95
1998	SPEEDWAY #8235	2350 HWY 16 @ I 95

N71
ESE
1/4-1/2
0.320 mi.
1690 ft.
SPEEDWAY #8235
2350 HWY 16
SAINT AUGUSTINE, FL
Site 8 of 8 in cluster N

RGA LUST **S115198205**
N/A

Actual: **RGA LUST:**
40 ft.
Focus Map:
10

1997	SPEEDWAY #8235	2350 HWY 16

O72
SE
1/4-1/2
0.323 mi.
1706 ft.
CITGO
2365 HWY 16
SAINT AUGUSTINE, FL
Site 1 of 2 in cluster O

RGA LUST **S115169272**
N/A

Actual: **RGA LUST:**
40 ft.
Focus Map:
12

2012	CITGO	2365 HWY 16
2011	CITGO	2365 HWY 16
2010	CITGO	2365 HWY 16
2009	CITGO	2365 HWY 16
2008	CITGO	2365 HWY 16
2007	CITGO	2365 HWY 16

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

O73
SE
1/4-1/2
0.323 mi.
1706 ft.
CITGO
2365 HWY 16
SAINT AUGUSTINE, FL 32084
Site 2 of 2 in cluster O

LUST
UST
SPILLS
CLEANUP SITES
DWM CONTAM
Financial Assurance
U001372665
N/A

Actual:
40 ft.

Focus Map:
12

LUST:

Name: CITGO
Address: 2365 HWY 16
City,State,Zip: SAINT AUGUSTINE, FL 32084
Region: STATE
Facility Id: 8735145
Facility Status: CLOSED
Facility Type: A - Retail Station
Facility Phone: (904)209-4668
Facility Cleanup Rank: Not reported
District: Northeast District
Lat/Long (dms): 29 54 59.3864000 / 81 24 38.1944999
Section: 8
Township: 7
Range: 29E
Feature: Not reported
Method: AGPS
Datum: 0
Score: 7
Score Effective Date: 2007-08-23 00:00:00
Score When Ranked: Not reported
Operator: ABE VANJARIA
Name Update: 1998-05-26 00:00:00
Address Update: 2000-08-02 00:00:00

Petroleum Cleanup PCT Facility Score:

Facility Cleanup Status: VCCR - VERIFIED CONTAMINATION - CLEANUP REQUIRED
Contact: ABE VANJARIA
Contact Company: KWIK 'N PIK ENTERPRISES INC
Contact Address: 4255 A1A SOUTH #11
Contact City/State/Zip: SAINT AUGUSTINE, FL 32085
Phone: (904)209-4668
Bad Address Ind: N
State: FL
Zip: 32084
Score: 7
Score Effective Date: 2007-08-23 00:00:00
Related Party ID: 22998
Primary RP Role: ACCOUNT OWNER
RP Begin Date: 1993-05-19
RP Zip: Not reported
RP Extension: Not reported

Discharge Cleanup Summary:

Discharge Date: 1/3/2007
PCT Discharge Combined: Not reported
Cleanup Required: R - CLEANUP REQUIRED
Discharge Cleanup Status: SRCR - SRCR COMPLETE
Disch Cleanup Status Date: 8/3/2009
Cleanup Work Status: COMPLETED
Information Source: D - DISCHARGE NOTIFICATION
Other Source Description: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CITGO (Continued)

U001372665

Eligibility Indicator: I - INELIGIBLE
Site Manager: DOHANEY_T
Site Mgr End Date: 8/3/2009
Tank Office: PCNED - NED CLEANUP & COMPLIANCE ASSURANCE PROGRAM
Discharge Date: 12/29/2022
PCT Discharge Combined: Not reported
Cleanup Required: R - CLEANUP REQUIRED
Discharge Cleanup Status: VCCR - VERIFIED CONTAMINATION, CLEANUP REQUIRED
Disch Cleanup Status Date: 1/9/2023
Cleanup Work Status: AWAITING
Information Source: D - DISCHARGE NOTIFICATION
Other Source Description: Not reported
Eligibility Indicator: I - INELIGIBLE
Site Manager: Not reported
Site Mgr End Date: Not reported
Tank Office: -

Contaminated Media:

Discharge Date: 1/3/2007
Pct Discharge Combined With: Not reported
Cleanup Required: R - CLEANUP REQUIRED
Discharge Cleanup Status: SRCR - SRCR COMPLETE
Disch Cleanup Status Date: 8/3/2009
Cleanup Work Status: COMPLETED
Information Source: D - DISCHARGE NOTIFICATION
Other Source Description: Not reported
Elig Indicator: I - INELIGIBLE
Site Manager: DOHANEY_T
Site Mgr End Date: 8/3/2009
Tank Office: PCNED - NED CLEANUP & COMPLIAN
Contaminated Drinking Wells: Not reported
Contaminated Monitoring Well: No
Contaminated Soil: Yes
Contaminated Surface Water: No
Contaminated Ground Water: No
Pollutant: B - Unleaded Gas
Pollutant Other Description: Not reported
Gallons Discharged: Not reported

Task Information:

District: NED
Facility ID: 8735145
Facility Status: OPEN
Facility Type: A - Retail Station -
County: ST. JOHNS
County ID: 55
Cleanup Eligibility Status: I
Source Effective Date: 07-27-2009
Discharge Date: 01-03-2007
Cleanup Required: R - CLEANUP REQUIRED
Discharge Cleanup Status: SRCR - SRCR COMPLETE
Disch Cleanup Status Date: 08-03-2009
SRC Action Type: SRCR - SITE REHABILITATION COMPLETION REPORT
SRC Submit Date: 06-02-2009
SRC Review Date: 07-27-2009
SRC Completion Status: A - APPROVED
SRC Issue Date: 08-03-2009
SRC Comment: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CITGO (Continued)

U001372665

Cleanup Work Status:	COMPLETED
Site Mgr:	DOHANEY_T
Site Mgr End Date:	08-03-2009
Tank Office:	PCNED - Northeast District
SR Task ID:	Not reported
SR Cleanup Responsible:	-
SR Funding Eligibility Type:	-
SR Actual Cost:	Not reported
SR Completion Date:	Not reported
SR Payment Date:	Not reported
SR Oral Date:	Not reported
SR Written Date:	Not reported
SR Soil Removal:	Not reported
SR Free Product Removal:	Not reported
SR Soil Tonnage Removed:	Not reported
SR Soil Treatment:	Not reported
SR Other Treatment:	Not reported
SR Alternate Proc Received Date:	Not reported
SR Alternate Procedure Status:	Not reported
SR Alternate Procedure Status Date:	Not reported
SR Alternate Procedure Comments:	Not reported
SA Task ID:	81003
SA Cleanup Responsible:	-
SA Funding Eligibility Type:	-
SA Actual Cost:	Not reported
SA Completion Date:	Not reported
SA Payment Date:	Not reported
RAP Task ID:	82765
RAP Cleanup Responsible ID:	-
RAP Funding Eligibility Type:	-
RAP Actual Cost:	Not reported
RAP Completion Date:	04-01-2008
RAP Payment Date:	Not reported
RAP Last Order Approved:	Not reported
RA Task ID:	82766
RA Cleanup Responsible:	-
RA Funding Eligibility Type:	-
RA Years to Complete:	0
RA Actual Cost:	Not reported

[Click here for Florida Oculus:](#)

UST:

Facility ID:	8735145
Name:	CITGO
Address:	2365 HWY 16
City,State,Zip:	SAINT AUGUSTINE, FL 32084
Facility Phone:	9042094668
Facility Status:	CLOSED
Facility Type:	A
Type Description:	Retail Station
Depco:	P
Region:	STATE
Positioning Method:	AGPS
Latitude/Longitude:	29 54 57 / 81 24 38

UST:

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CITGO (Continued)

U001372665

Tank ID: 5
Tank Capacity: 18000
Tank Location: UNDERGROUND
Tank Status: A
Status Date: 07/01/2022
Install Date: 1/1/2007
Substance: B
Content Description: Unleaded Gas
Vessel Indicator: TANK
DEP Contractor: P

Owner:

Owner ID: 22998
Owner Name: KWIK 'N PIK ENTERPRISES INC
Owner Address: 4255 A1A SOUTH #11
Owner Address 2: Not reported
Owner City,State,Zip: SAINT AUGUSTINE, FL 32085
Owner Contact: ABE VANJARIA
Owner Phone: 9042094668

Tank ID: 1
Tank Capacity: 6000
Tank Location: UNDERGROUND
Tank Status: B
Status Date: 01/01/2007
Install Date: 12/1/1970
Substance: B
Content Description: Unleaded Gas
Vessel Indicator: TANK
DEP Contractor: P

Owner:

Owner ID: 22998
Owner Name: KWIK 'N PIK ENTERPRISES INC
Owner Address: 4255 A1A SOUTH #11
Owner Address 2: Not reported
Owner City,State,Zip: SAINT AUGUSTINE, FL 32085
Owner Contact: ABE VANJARIA
Owner Phone: 9042094668

Tank ID: 4
Tank Capacity: 8000
Tank Location: UNDERGROUND
Tank Status: B
Status Date: 01/01/2007
Install Date: 12/1/1970
Substance: B
Content Description: Unleaded Gas
Vessel Indicator: TANK
DEP Contractor: P

Owner:

Owner ID: 22998
Owner Name: KWIK 'N PIK ENTERPRISES INC
Owner Address: 4255 A1A SOUTH #11
Owner Address 2: Not reported
Owner City,State,Zip: SAINT AUGUSTINE, FL 32085

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CITGO (Continued)

U001372665

Owner Contact: ABE VANJARIA
Owner Phone: 9042094668

Tank ID: 3
Tank Capacity: 8000
Tank Location: UNDERGROUND
Tank Status: B
Status Date: 01/01/2007
Install Date: 12/1/1970
Substance: B
Content Description: Unleaded Gas
Vessel Indicator: TANK
DEP Contractor: P

Owner:
Owner ID: 22998
Owner Name: KWIK 'N PIK ENTERPRISES INC
Owner Address: 4255 A1A SOUTH #11
Owner Address 2: Not reported
Owner City,State,Zip: SAINT AUGUSTINE, FL 32085
Owner Contact: ABE VANJARIA
Owner Phone: 9042094668

Tank ID: 2
Tank Capacity: 6000
Tank Location: UNDERGROUND
Tank Status: B
Status Date: 01/01/2007
Install Date: 12/1/1970
Substance: B
Content Description: Unleaded Gas
Vessel Indicator: TANK
DEP Contractor: P

Owner:
Owner ID: 22998
Owner Name: KWIK 'N PIK ENTERPRISES INC
Owner Address: 4255 A1A SOUTH #11
Owner Address 2: Not reported
Owner City,State,Zip: SAINT AUGUSTINE, FL 32085
Owner Contact: ABE VANJARIA
Owner Phone: 9042094668

SPILLS:
Name: Not reported
Address: 2365 STATE ROAD 16
City,State,Zip: SAINT AUGUSTINE, FL
OHMIT Incident Number: 26183
Incident Legacy: Not reported
On-Scene Response: Yes
Criminal Indicator: No
Hurricane Indicator: No
Incident Date: 04/04/2004
Incident Status: Closed

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CITGO (Continued)

U001372665

Incident Report Date: 04/04/2004
Pollutant: Not reported
Pollutants Category: Not reported
Substance Spilled: Not reported
Amount Spilled (Gallons): Not reported
Pollutant - Unit Measure: Not reported

Incident Party Name: Solid Waste Dumped in Wooded Area
Description: Inland

Incident Party Name: Solid Waste Dumped in Wooded Area
Description: Inland

CLEANUP SITES:

Name: CITGO
Address: 2365 HWY 16
City,State,Zip: SAINT AUGUSTINE, FL 32084
DEP Cleanup Site Key: 74757191
Source Database Name: Storage Tank Contamination Monitoring
Source Database Id: 8735145
CPAC Program Area Id: TK
CLLC Cleanup Category Key: PETRO
RSC2 Remediation Status Key: PENDING
Data Load Date: 02/20/2023
OC3 Office Id: NED
Physical Address Line 2: Not reported
OIC Object Of Interest Id: FACIL
PC2 Proximity Id: EXACT
Calc Coordinates Accuracy Level Id: 4
CMC2 Coordinate Method Id: Digital Aerial Photography With Ground Control
DC4 Datum Id: High Accuracy Reference Network
VSC1 Verification Status: REVIEWED
Collect Username: MAUCH_R55
Collect Date: 08/21/2003
Collect Affiliation: COUNTY HEALTH DEPARTMENT
Map Source: 1994 doqs
Map Source Scale: 1468
Interpolation Scale: Not reported
Verifier Username: MAUCH_R55
Verifier Affiliation: COUNTY HEALTH DEPARTMENT
Verification Date: 08/21/2003
Verified Coordinate Method Id: Digital Aerial Photography With Ground Control
Source Database Name Code: STCM
CMC2 Coordinate Method ID Code: DPHO
DC4 Datum ID Code: HARN
Verified Coordinate Method ID Code: DPHO
Comments: Not reported
Latitude/Longitude (deg/min/sec): 29 54 / 81 24

DWM CONTAM:

Name: CITGO
Address: 2365 HWY 16
City,State,Zip: SAINT AUGUSTINE, FL
Program Site Id: 8735145
Lat DD: 29

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CITGO (Continued)

U001372665

Lat MM: 54
Lat SS: Not reported
Long DD: 81
Long MM: 24
Long SS: 38
Office/ District: NED
Program Area: PETROLEUM
Priority Score: Not reported
Datum: 0
Method: AGPS
Facility Status: CLOSED-STCM
Facility Type: Not reported
Score Effective Date: Not reported
Score When Ranked: Not reported
Rank: Not reported
Operator: Not reported
Phone: Not reported
Name Changed: Not reported
Addr Changed: Not reported
Related Party ID: Not reported
Primary RP Role: Not reported
RP Begin Date: Not reported
RP Name: Not reported
RP Address1: Not reported
RP Address2: Not reported
RP City: Not reported
RP State: Not reported
RP Zip5: Not reported
RP Zip4: Not reported
Contact: Not reported
RP Phone: Not reported
RP Extension: Not reported
Site Manager: Not reported

FL Financial Assurance 3:

Name: CITGO
Address: 2365 HWY 16
City,State,Zip: SAINT AUGUSTINE, FL 32084
Region: 3
Facility ID: 8735145
Facility Phone: 9042094668
Facility Status: CLOSED
Facility Type: A
Type Description: Retail Station
DEP CO: P
Financial Responsibility: INSURANCE
Insurance Company: AIG SPECIALTY INSURANCE COMPANY
Effective Date: 10/21/2021
Expire Date: 10/21/2022
Owner ID: 22998
Owner Name: KWIK 'N PIK ENTERPRISES INC
Owner Address: 4255 A1A SOUTH #11
Owner Address2: Not reported
Owner City,St,Zip: SAINT AUGUSTINE, FL 32085
Contact: ABE VANJARIA
Resp Party Phone: 9042094668

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CITGO (Continued)

U001372665

Name: CITGO
Address: 2365 HWY 16
City,State,Zip: SAINT AUGUSTINE, FL 32084
Region: 3
Facility ID: 8735145
Facility Phone: 9042094668
Facility Status: CLOSED
Facility Type: A
Type Description: Retail Station
DEP CO: P
Financial Responsibility: INSURANCE
Insurance Company: AIG SPECIALTY INSURANCE COMPANY
Effective Date: 10/21/2022
Expire Date: 10/21/2023
Owner ID: 22998
Owner Name: KWIK 'N PIK ENTERPRISES INC
Owner Address: 4255 A1A SOUTH #11
Owner Address2: Not reported
Owner City,St,Zip: SAINT AUGUSTINE, FL 32085
Contact: ABE VANJARIA
Resp Party Phone: 9042094668

Name: CITGO
Address: 2365 HWY 16
City,State,Zip: SAINT AUGUSTINE, FL 32084
Region: 3
Facility ID: 8735145
Facility Phone: 9042094668
Facility Status: CLOSED
Facility Type: A
Type Description: Retail Station
DEP CO: P
Financial Responsibility: INSURANCE
Insurance Company: COMMERCE & INDUSTRY
Effective Date: 10/21/2014
Expire Date: 10/21/2015
Owner ID: 22998
Owner Name: KWIK 'N PIK ENTERPRISES INC
Owner Address: 4255 A1A SOUTH #11
Owner Address2: Not reported
Owner City,St,Zip: SAINT AUGUSTINE, FL 32085
Contact: ABE VANJARIA
Resp Party Phone: 9042094668

Name: CITGO
Address: 2365 HWY 16
City,State,Zip: SAINT AUGUSTINE, FL 32084
Region: 3
Facility ID: 8735145
Facility Phone: 9042094668
Facility Status: CLOSED
Facility Type: A
Type Description: Retail Station
DEP CO: P
Financial Responsibility: INSURANCE
Insurance Company: COMMERCE & INDUSTRY
Effective Date: 10/21/2015

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CITGO (Continued)

U001372665

Expire Date: 10/21/2016
Owner ID: 22998
Owner Name: KWIK 'N PIK ENTERPRISES INC
Owner Address: 4255 A1A SOUTH #11
Owner Address2: Not reported
Owner City,St,Zip: SAINT AUGUSTINE, FL 32085
Contact: ABE VANJARIA
Resp Party Phone: 9042094668

Name: CITGO
Address: 2365 HWY 16
City,State,Zip: SAINT AUGUSTINE, FL 32084
Region: 3
Facility ID: 8735145
Facility Phone: 9042094668
Facility Status: CLOSED
Facility Type: A
Type Description: Retail Station
DEP CO: P
Financial Responsibility: INSURANCE
Insurance Company: COMMERCE & INDUSTRY
Effective Date: 10/21/2016
Expire Date: 10/21/2017
Owner ID: 22998
Owner Name: KWIK 'N PIK ENTERPRISES INC
Owner Address: 4255 A1A SOUTH #11
Owner Address2: Not reported
Owner City,St,Zip: SAINT AUGUSTINE, FL 32085
Contact: ABE VANJARIA
Resp Party Phone: 9042094668

Name: CITGO
Address: 2365 HWY 16
City,State,Zip: SAINT AUGUSTINE, FL 32084
Region: 3
Facility ID: 8735145
Facility Phone: 9042094668
Facility Status: CLOSED
Facility Type: A
Type Description: Retail Station
DEP CO: P
Financial Responsibility: INSURANCE
Insurance Company: FPLIPA
Effective Date: 02/15/1992
Expire Date: 03/15/1996
Owner ID: 22998
Owner Name: KWIK 'N PIK ENTERPRISES INC
Owner Address: 4255 A1A SOUTH #11
Owner Address2: Not reported
Owner City,St,Zip: SAINT AUGUSTINE, FL 32085
Contact: ABE VANJARIA
Resp Party Phone: 9042094668

Name: CITGO
Address: 2365 HWY 16
City,State,Zip: SAINT AUGUSTINE, FL 32084
Region: 3

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CITGO (Continued)

U001372665

Facility ID: 8735145
Facility Phone: 9042094668
Facility Status: CLOSED
Facility Type: A
Type Description: Retail Station
DEP CO: P
Financial Responsibility: INSURANCE
Insurance Company: PLUS
Effective Date: 03/15/1996
Expire Date: 01/17/1997
Owner ID: 22998
Owner Name: KWIK 'N PIK ENTERPRISES INC
Owner Address: 4255 A1A SOUTH #11
Owner Address2: Not reported
Owner City,St,Zip: SAINT AUGUSTINE, FL 32085
Contact: ABE VANJARIA
Resp Party Phone: 9042094668

Name: CITGO
Address: 2365 HWY 16
City,State,Zip: SAINT AUGUSTINE, FL 32084
Region: 3
Facility ID: 8735145
Facility Phone: 9042094668
Facility Status: CLOSED
Facility Type: A
Type Description: Retail Station
DEP CO: P
Financial Responsibility: INSURANCE
Insurance Company: ZURICH-AMERICAN
Effective Date: 10/21/2008
Expire Date: 10/21/2009
Owner ID: 22998
Owner Name: KWIK 'N PIK ENTERPRISES INC
Owner Address: 4255 A1A SOUTH #11
Owner Address2: Not reported
Owner City,St,Zip: SAINT AUGUSTINE, FL 32085
Contact: ABE VANJARIA
Resp Party Phone: 9042094668

Name: CITGO
Address: 2365 HWY 16
City,State,Zip: SAINT AUGUSTINE, FL 32084
Region: 3
Facility ID: 8735145
Facility Phone: 9042094668
Facility Status: CLOSED
Facility Type: A
Type Description: Retail Station
DEP CO: P
Financial Responsibility: INSURANCE
Insurance Company: ZURICH-AMERICAN
Effective Date: 10/21/2010
Expire Date: 10/21/2011
Owner ID: 22998
Owner Name: KWIK 'N PIK ENTERPRISES INC
Owner Address: 4255 A1A SOUTH #11

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CITGO (Continued)

U001372665

Owner Address2: Not reported
Owner City,St,Zip: SAINT AUGUSTINE, FL 32085
Contact: ABE VANJARIA
Resp Party Phone: 9042094668

Name: CITGO
Address: 2365 HWY 16
City,State,Zip: SAINT AUGUSTINE, FL 32084
Region: 3
Facility ID: 8735145
Facility Phone: 9042094668
Facility Status: CLOSED
Facility Type: A
Type Description: Retail Station
DEP CO: P
Financial Responsibility: INSURANCE
Insurance Company: ZURICH-AMERICAN
Effective Date: 12/01/2012
Expire Date: 12/01/2013
Owner ID: 22998
Owner Name: KWIK 'N PIK ENTERPRISES INC
Owner Address: 4255 A1A SOUTH #11
Owner Address2: Not reported
Owner City,St,Zip: SAINT AUGUSTINE, FL 32085
Contact: ABE VANJARIA
Resp Party Phone: 9042094668

P74
East
1/4-1/2
0.349 mi.
1843 ft.

CIRCLE K #2721255
2330 SR 16
SAINT AUGUSTINE, FL 32084
Site 1 of 2 in cluster P

CLEANUP SITES
DWM CONTAM
S125959435
N/A

Actual:
39 ft.

Focus Map:
10

CLEANUP SITES:
Name: CIRCLE K #2721255
Address: 2330 SR 16
City,State,Zip: SAINT AUGUSTINE, FL 32084
DEP Cleanup Site Key: 74751616
Source Database Name: Storage Tank Contamination Monitoring
Source Database Id: 8942853
CPAC Program Area Id: TK
CLLC Cleanup Category Key: PETRO
RSC2 Remediation Status Key: ACTIVE
Data Load Date: 02/20/2023
OC3 Office Id: NED
Physical Address Line 2: Not reported
OIC Object Of Interest Id: FACIL
PC2 Proximity Id: EXACT
Calc Coordinates Accuracy Level Id: 4
CMC2 Coordinate Method Id: Digital Aerial Photography With Ground Control
DC4 Datum Id: High Accuracy Reference Network
VSC1 Verification Status: REVIEWED
Collect Username: MAUCH_R55
Collect Date: 08/21/2003
Collect Affiliation: COUNTY HEALTH DEPARTMENT
Map Source: 1994 doqs
Map Source Scale: 2937
Interpolation Scale: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CIRCLE K #2721255 (Continued)

S125959435

Verifier Username: MAUCH_R55
Verifier Affiliation: COUNTY HEALTH DEPARTMENT
Verification Date: 08/21/2003
Verified Coordinate Method Id: Digital Aerial Photography With Ground Control
Source Database Name Code: STCM
CMC2 Coordinate Method ID Code: DPHO
DC4 Datum ID Code: HARN
Verified Coordinate Method ID Code: DPHO
Comments: Not reported
Latitude/Longitude (deg/min/sec): 29 55 / 81 24

DWM CONTAM:

Name: CIRCLE K #2721255
Address: 2330 SR 16
City,State,Zip: SAINT AUGUSTINE, FL 32084
Program Site Id: 8942853
Lat DD: 29
Lat MM: 55
Lat SS: Not reported
Long DD: 81
Long MM: 24
Long SS: 28
Office/ District: NED
Program Area: PETROLEUM
Priority Score: Not reported
Datum: 0
Method: AGPS
Facility Status: OPEN-STCM
Facility Type: A - Retail Station
Score Effective Date: 2004-05-24 00:00:00
Score When Ranked: 6
Rank: 12937
Operator: Not reported
Phone: Not reported
Name Changed: Not reported
Addr Changed: Not reported
Related Party ID: 4045
Primary RP Role: ACCOUNT OWNER
RP Begin Date: 1/7/2016
RP Name: CIRCLE K STORES INC
RP Address1: 1100 SITUS CT #100
RP Address2: ATTN: STORAGE TANK REGIS
RP City: RALEIGH
RP State: NC
RP Zip5: 27606
RP Zip4: 4295
Contact: GRAHAM BIGGS
RP Phone: (919)774-6700
RP Extension: 6326
Site Manager: SCOTT_AG_1

Name: CIRCLE K #2721255
Address: 2330 SR 16
City,State,Zip: SAINT AUGUSTINE, FL 32084
Program Site Id: 8942853
Lat DD: 29
Lat MM: 55

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CIRCLE K #2721255 (Continued)

S125959435

Lat SS: Not reported
Long DD: 81
Long MM: 24
Long SS: 28
Office/ District: NED
Program Area: PETROLEUM
Priority Score: Not reported
Datum: 0
Method: AGPS
Facility Status: OPEN-STCM
Facility Type: A - Retail Station
Score Effective Date: 2004-05-24 00:00:00
Score When Ranked: 6
Rank: 12937
Operator: Not reported
Phone: Not reported
Name Changed: Not reported
Addr Changed: Not reported
Related Party ID: 4045
Primary RP Role: ACCOUNT OWNER
RP Begin Date: 1/7/2016
RP Name: CIRCLE K STORES INC
RP Address1: 1100 SITUS CT #100
RP Address2: ATTN: STORAGE TANK REGIS
RP City: RALEIGH
RP State: NC
RP Zip5: 27606
RP Zip4: 4295
Contact: GRAHAM BIGGS
RP Phone: (919)774-6700
RP Extension: 6326
Site Manager: SCOTT_AG_1

Name: CIRCLE K #2721255
Address: 2330 SR 16
City,State,Zip: SAINT AUGUSTINE, FL 32084
Program Site Id: 8942853
Lat DD: 29
Lat MM: 55
Lat SS: Not reported
Long DD: 81
Long MM: 24
Long SS: 28
Office/ District: NED
Program Area: PETROLEUM
Priority Score: Not reported
Datum: 0
Method: AGPS
Facility Status: OPEN-STCM
Facility Type: A - Retail Station
Score Effective Date: 2004-05-24 00:00:00
Score When Ranked: 6
Rank: 12937
Operator: Not reported
Phone: Not reported
Name Changed: Not reported
Addr Changed: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CIRCLE K #2721255 (Continued)

S125959435

Related Party ID: 4045
Primary RP Role: ACCOUNT OWNER
RP Begin Date: 1/7/2016
RP Name: CIRCLE K STORES INC
RP Address1: 1100 SITUS CT #100
RP Address2: ATTN: STORAGE TANK REGIS
RP City: RALEIGH
RP State: NC
RP Zip5: 27606
RP Zip4: 4295
Contact: GRAHAM BIGGS
RP Phone: (919)774-6700
RP Extension: 6326
Site Manager: SCOTT_AG_1

Name: CIRCLE K #2721255
Address: 2330 SR 16
City,State,Zip: SAINT AUGUSTINE, FL 32084
Program Site Id: 8942853
Lat DD: 29
Lat MM: 55
Lat SS: Not reported
Long DD: 81
Long MM: 24
Long SS: 28
Office/ District: NED
Program Area: PETROLEUM
Priority Score: Not reported
Datum: 0
Method: AGPS
Facility Status: CLOSED-STCM
Facility Type: A - Retail Station
Score Effective Date: 2004-05-24 00:00:00
Score When Ranked: 6
Rank: 12937
Operator: Not reported
Phone: Not reported
Name Changed: Not reported
Addr Changed: Not reported
Related Party ID: 4045
Primary RP Role: ACCOUNT OWNER
RP Begin Date: 1/7/2016
RP Name: CIRCLE K STORES INC
RP Address1: 1100 SITUS CT #100
RP Address2: ATTN: STORAGE TANK REGIS
RP City: RALEIGH
RP State: NC
RP Zip5: 27606
RP Zip4: 4295
Contact: GRAHAM BIGGS
RP Phone: (919)774-6700
RP Extension: 6326
Site Manager: Not reported

Name: CIRCLE K #2721255
Address: 2330 SR 16
City,State,Zip: SAINT AUGUSTINE, FL 32084

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CIRCLE K #2721255 (Continued)

S125959435

Program Site Id: 8942853
Lat DD: 29
Lat MM: 55
Lat SS: Not reported
Long DD: 81
Long MM: 24
Long SS: 28
Office/ District: NED
Program Area: PETROLEUM
Priority Score: Not reported
Datum: 0
Method: AGPS
Facility Status: CLOSED-STCM
Facility Type: A - Retail Station
Score Effective Date: 2004-05-24 00:00:00
Score When Ranked: 6
Rank: 12937
Operator: Not reported
Phone: Not reported
Name Changed: Not reported
Addr Changed: Not reported
Related Party ID: 4045
Primary RP Role: ACCOUNT OWNER
RP Begin Date: 1/7/2016
RP Name: CIRCLE K STORES INC
RP Address1: 1100 SITUS CT #100
RP Address2: ATTN: STORAGE TANK REGIS
RP City: RALEIGH
RP State: NC
RP Zip5: 27606
RP Zip4: 4295
Contact: GRAHAM BIGGS
RP Phone: (919)774-6700
RP Extension: 6326
Site Manager: Not reported

Name: CIRCLE K #2721255
Address: 2330 SR 16
City,State,Zip: SAINT AUGUSTINE, FL 32084
Program Site Id: 8942853
Lat DD: 29
Lat MM: 55
Lat SS: Not reported
Long DD: 81
Long MM: 24
Long SS: 28
Office/ District: NED
Program Area: PETROLEUM
Priority Score: Not reported
Datum: 0
Method: AGPS
Facility Status: CLOSED-STCM
Facility Type: A - Retail Station
Score Effective Date: 2004-05-24 00:00:00
Score When Ranked: 6
Rank: 12937
Operator: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CIRCLE K #2721255 (Continued)

S125959435

Phone: Not reported
Name Changed: Not reported
Addr Changed: Not reported
Related Party ID: 4045
Primary RP Role: ACCOUNT OWNER
RP Begin Date: 1/7/2016
RP Name: CIRCLE K STORES INC
RP Address1: 1100 SITUS CT #100
RP Address2: ATTN: STORAGE TANK REGIS
RP City: RALEIGH
RP State: NC
RP Zip5: 27606
RP Zip4: 4295
Contact: GRAHAM BIGGS
RP Phone: (919)774-6700
RP Extension: 6326
Site Manager: Not reported

P75 **CIRCLE K #2721255**
East **2330 SR 16**
1/4-1/2 **SAINT AUGUSTINE, FL 32084**
0.349 mi.
1843 ft. **Site 2 of 2 in cluster P**

LUST **U001372724**
UST **N/A**
Financial Assurance

Actual: **LUST:**
39 ft. Name: CIRCLE K #2721255
Focus Map: Address: 2330 SR 16
10 City,State,Zip: SAINT AUGUSTINE, FL 32084
Region: STATE
Facility Id: 8942853
Facility Status: OPEN
Facility Type: A - Retail Station
Facility Phone: (919)774-6700
Facility Cleanup Rank: 12937
District: Northeast District
Lat/Long (dms): 29 55 1.1897 / 81 24 29.9833
Section: Not reported
Township: Not reported
Range: Not reported
Feature: Not reported
Method: AGPS
Datum: 0
Score: 6
Score Effective Date: 2004-05-24 00:00:00
Score When Ranked: 6
Operator: GRAHAM BIGGS
Name Update: 2016-01-07 00:00:00
Address Update: 2020-02-28 00:00:00

Petroleum Cleanup PCT Facility Score:
Facility Cleanup Status: ONGO - ONGOING
Contact: ANDREW BURRESS
Contact Company: CIRCLE K STORES INC
Contact Address: 1100 Situs Ct
Contact City/State/Zip: Raleigh, NC 27606
Phone: (919)610-0734
Bad Address Ind: N
State: FL

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CIRCLE K #2721255 (Continued)

U001372724

Zip: 32084, 818
Score: 6
Score Effective Date: 2004-05-24 00:00:00
Related Party ID: 4045
Primary RP Role: ACCOUNT OWNER
RP Begin Date: 2016-01-07
RP Zip: 4295
RP Extension: Not reported

Discharge Cleanup Summary:

Discharge Date: 2/3/2012
PCT Discharge Combined: Not reported
Cleanup Required: R - CLEANUP REQUIRED
Discharge Cleanup Status: RA - RA ONGOING
Disch Cleanup Status Date: 4/29/2014
Cleanup Work Status: ACTIVE
Information Source: C - CLOSURE REPORT
Other Source Description: Not reported
Eligibility Indicator: E - ELIGIBLE
Site Manager: THOMAS_VL
Site Mgr End Date: Not reported
Tank Office: PCLP16 - CITY OF JAX NEIGHBORHOODS DEPT ENVIRO QUAL DIV
Discharge Date: 2/24/1994
PCT Discharge Combined: Not reported
Cleanup Required: N - NO CLEANUP REQUIRED
Discharge Cleanup Status: NREQ - CLEANUP NOT REQUIRED
Disch Cleanup Status Date: 4/23/2001
Cleanup Work Status: COMPLETED
Information Source: D - DISCHARGE NOTIFICATION
Other Source Description: Not reported
Eligibility Indicator: I - INELIGIBLE
Site Manager: Not reported
Site Mgr End Date: Not reported
Tank Office: -
Discharge Date: 8/16/2012
PCT Discharge Combined: Not reported
Cleanup Required: R - CLEANUP REQUIRED
Discharge Cleanup Status: SRCR - SRCR COMPLETE
Disch Cleanup Status Date: 6/7/2013
Cleanup Work Status: COMPLETED
Information Source: D - DISCHARGE NOTIFICATION
Other Source Description: Not reported
Eligibility Indicator: I - INELIGIBLE
Site Manager: LUBINSKI_D
Site Mgr End Date: 6/7/2013
Tank Office: PCNED - NED CLEANUP & COMPLIANCE ASSURANCE PROGRAM
Discharge Date: 9/2/2010
PCT Discharge Combined: Not reported
Cleanup Required: R - CLEANUP REQUIRED
Discharge Cleanup Status: SRCR - SRCR COMPLETE
Disch Cleanup Status Date: 5/21/2013
Cleanup Work Status: COMPLETED
Information Source: Z - OTHER
Other Source Description: Not reported
Eligibility Indicator: I - INELIGIBLE
Site Manager: LUBINSKI_D
Site Mgr End Date: 6/3/2013

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CIRCLE K #2721255 (Continued)

U001372724

Tank Office:	PCNED - NED CLEANUP & COMPLIANCE ASSURANCE PROGRAM
Discharge Date:	9/18/1993
PCT Discharge Combined:	Not reported
Cleanup Required:	R - CLEANUP REQUIRED
Discharge Cleanup Status:	RA - RA ONGOING
Disch Cleanup Status Date:	9/16/2016
Cleanup Work Status:	ACTIVE
Information Source:	D - DISCHARGE NOTIFICATION
Other Source Description:	Not reported
Eligibility Indicator:	E - ELIGIBLE
Site Manager:	THOMAS_VL
Site Mgr End Date:	Not reported
Tank Office:	PCLP16 - CITY OF JAX NEIGHBORHOODS DEPT ENVIRO QUAL DIV
Discharge Date:	10/14/2020
PCT Discharge Combined:	Not reported
Cleanup Required:	R - CLEANUP REQUIRED
Discharge Cleanup Status:	RA - RA ONGOING
Disch Cleanup Status Date:	Not reported
Cleanup Work Status:	ACTIVE
Information Source:	D - DISCHARGE NOTIFICATION
Other Source Description:	Not reported
Eligibility Indicator:	I - INELIGIBLE
Site Manager:	THOMAS_VL
Site Mgr End Date:	Not reported
Tank Office:	PCLP16 - CITY OF JAX NEIGHBORHOODS DEPT ENVIRO QUAL DIV

Petroleum Cleanup Program Eligibility:

Facility ID:	8942853
Discharge Date:	2/3/2012
Pct Discharge Combined With:	Not reported
Cleanup Required:	R - CLEANUP REQUIRED
Discharge Cleanup Status:	RA - RA ONGOING
Disch Cleanup Status Date:	4/29/2014
Cleanup Work Status:	ACTIVE
Information Source:	C - CLOSURE REPORT
Other Source Description:	Not reported
Application Received Date:	2014-04-18 00:00:00
Cleanup Program:	S - SITE REHABILITATION FUNDING AGREEMENT
Eligibility Status:	2016-02-22 00:00:00
Elig Status Date:	2016-02-22 00:00:00
Letter Of Intent Date:	Not reported
Redetermined:	No
Inspection Date:	2012-02-02 00:00:00
Site Manager:	THOMAS_VL
Site Mgr End Date:	Not reported
Tank Office:	PCLP16 - CITY OF JAX NEIGHBORHOODS DEPT ENVIRO QUAL DIV
Deductible Amount:	Not reported
Deductible Paid To Date:	Not reported
Co-Pay Amount:	Not reported
Co-Pay Paid To Date:	Not reported
Cap Amount:	Not reported
Facility ID:	8942853
Discharge Date:	9/18/1993
Pct Discharge Combined With:	Not reported
Cleanup Required:	R - CLEANUP REQUIRED
Discharge Cleanup Status:	RA - RA ONGOING
Disch Cleanup Status Date:	9/16/2016
Cleanup Work Status:	ACTIVE

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CIRCLE K #2721255 (Continued)

U001372724

Information Source:	D - DISCHARGE NOTIFICATION
Other Source Description:	Not reported
Application Received Date:	1995-06-15 00:00:00
Cleanup Program:	P - PETROLEUM LIABILITY AND RESTORATION INSURANCE PROGRAM
Eligibility Status:	1995-07-19 00:00:00
Elig Status Date:	1995-07-19 00:00:00
Letter Of Intent Date:	1995-06-15 00:00:00
Redetermined:	No
Inspection Date:	1993-10-18 00:00:00
Site Manager:	THOMAS_VL
Site Mgr End Date:	Not reported
Tank Office:	PCLP16 - CITY OF JAX NEIGHBORHOODS DEPT ENVIRO QUAL DIV
Deductible Amount:	500
Deductible Paid To Date:	500
Co-Pay Amount:	0
Co-Pay Paid To Date:	0
Cap Amount:	1200000
Facility ID:	8942853
Discharge Date:	2/24/1994
Pct Discharge Combined With:	9/18/1993
Cleanup Required:	N - NO CLEANUP REQUIRED
Discharge Cleanup Status:	NREQ - CLEANUP NOT REQUIRED
Disch Cleanup Status Date:	4/23/2001
Cleanup Work Status:	COMPLETED
Information Source:	D - DISCHARGE NOTIFICATION
Other Source Description:	Not reported
Application Received Date:	1995-06-15 00:00:00
Cleanup Program:	P - PETROLEUM LIABILITY AND RESTORATION INSURANCE PROGRAM
Eligibility Status:	1995-07-19 00:00:00
Elig Status Date:	1995-07-19 00:00:00
Letter Of Intent Date:	1995-06-15 00:00:00
Redetermined:	No
Inspection Date:	1993-04-29 00:00:00
Site Manager:	Not reported
Site Mgr End Date:	Not reported
Tank Office:	-
Deductible Amount:	Not reported
Deductible Paid To Date:	Not reported
Co-Pay Amount:	Not reported
Co-Pay Paid To Date:	Not reported
Cap Amount:	Not reported

Contaminated Media:

Discharge Date:	2/3/2012
Pct Discharge Combined With:	Not reported
Cleanup Required:	R - CLEANUP REQUIRED
Discharge Cleanup Status:	RA - RA ONGOING
Disch Cleanup Status Date:	4/29/2014
Cleanup Work Status:	ACTIVE
Information Source:	C - CLOSURE REPORT
Other Source Description:	Not reported
Elig Indicator:	E - ELIGIBLE
Site Manager:	THOMAS_VL
Site Mgr End Date:	Not reported
Tank Office:	PCLP16 - CITY OF JAX NEIGHBORH
Contaminated Drinking Wells:	Not reported
Contaminated Monitoring Well:	No
Contaminated Soil:	Yes

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CIRCLE K #2721255 (Continued)

U001372724

Contaminated Surface Water:	No
Contaminated Ground Water:	No
Pollutant:	B - Unleaded Gas
Pollutant Other Description:	Not reported
Gallons Discharged:	Not reported
Discharge Date:	8/16/2012
Pct Discharge Combined With:	Not reported
Cleanup Required:	R - CLEANUP REQUIRED
Discharge Cleanup Status:	SRCR - SRCR COMPLETE
Disch Cleanup Status Date:	6/7/2013
Cleanup Work Status:	COMPLETED
Information Source:	D - DISCHARGE NOTIFICATION
Other Source Description:	Not reported
Elig Indicator:	I - INELIGIBLE
Site Manager:	LUBINSKI_D
Site Mgr End Date:	6/7/2013
Tank Office:	PCNED - NED CLEANUP & COMPLIAN
Contaminated Drinking Wells:	Not reported
Contaminated Monitoring Well:	No
Contaminated Soil:	Yes
Contaminated Surface Water:	No
Contaminated Ground Water:	No
Pollutant:	B - Unleaded Gas
Pollutant Other Description:	Not reported
Gallons Discharged:	Not reported
Discharge Date:	9/2/2010
Pct Discharge Combined With:	Not reported
Cleanup Required:	R - CLEANUP REQUIRED
Discharge Cleanup Status:	SRCR - SRCR COMPLETE
Disch Cleanup Status Date:	5/21/2013
Cleanup Work Status:	COMPLETED
Information Source:	Z - OTHER
Other Source Description:	incident investigation
Elig Indicator:	I - INELIGIBLE
Site Manager:	LUBINSKI_D
Site Mgr End Date:	6/3/2013
Tank Office:	PCNED - NED CLEANUP & COMPLIAN
Contaminated Drinking Wells:	Not reported
Contaminated Monitoring Well:	No
Contaminated Soil:	Yes
Contaminated Surface Water:	No
Contaminated Ground Water:	No
Pollutant:	B - Unleaded Gas
Pollutant Other Description:	Not reported
Gallons Discharged:	Not reported
Discharge Date:	10/14/2020
Pct Discharge Combined With:	Not reported
Cleanup Required:	R - CLEANUP REQUIRED
Discharge Cleanup Status:	RA - RA ONGOING
Disch Cleanup Status Date:	Not reported
Cleanup Work Status:	ACTIVE
Information Source:	D - DISCHARGE NOTIFICATION
Other Source Description:	Not reported
Elig Indicator:	I - INELIGIBLE
Site Manager:	THOMAS_VL
Site Mgr End Date:	Not reported
Tank Office:	PCLP16 - CITY OF JAX NEIGHBORH

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CIRCLE K #2721255 (Continued)

U001372724

Contaminated Drinking Wells:	Not reported
Contaminated Monitoring Well:	No
Contaminated Soil:	Yes
Contaminated Surface Water:	No
Contaminated Ground Water:	No
Pollutant:	B - Unleaded Gas
Pollutant Other Description:	Not reported
Gallons Discharged:	Not reported
Task Information:	
District:	NED
Facility ID:	8942853
Facility Status:	OPEN
Facility Type:	A - Retail Station -
County:	ST. JOHNS
County ID:	55
Cleanup Eligibility Status:	E
Source Effective Date:	Not reported
Discharge Date:	02-03-2012
Cleanup Required:	R - CLEANUP REQUIRED
Discharge Cleanup Status:	RA - RA ONGOING
Disch Cleanup Status Date:	04-29-2014
SRC Action Type:	-
SRC Submit Date:	Not reported
SRC Review Date:	Not reported
SRC Completion Status:	-
SRC Issue Date:	Not reported
SRC Comment:	Not reported
Cleanup Work Status:	INACTIVE
Site Mgr:	EMERY_J
Site Mgr End Date:	Not reported
Tank Office:	PCLP16 - Duval County
SR Task ID:	Not reported
SR Cleanup Responsible:	-
SR Funding Eligibility Type:	-
SR Actual Cost:	Not reported
SR Completion Date:	Not reported
SR Payment Date:	Not reported
SR Oral Date:	Not reported
SR Written Date:	Not reported
SR Soil Removal:	Not reported
SR Free Product Removal:	Not reported
SR Soil Tonnage Removed:	Not reported
SR Soil Treatment:	Not reported
SR Other Treatment:	Not reported
SR Alternate Proc Received Date:	Not reported
SR Alternate Procedure Status:	Not reported
SR Alternate Procedure Status Date:	Not reported
SR Alternate Procedure Comments:	Not reported
SA Task ID:	89363
SA Cleanup Responsible:	-
SA Funding Eligibility Type:	-
SA Actual Cost:	Not reported
SA Completion Date:	Not reported
SA Payment Date:	Not reported
RAP Task ID:	93401
RAP Cleanup Responsible ID:	-
RAP Funding Eligibility Type:	-

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CIRCLE K #2721255 (Continued)

U001372724

RAP Actual Cost:	Not reported
RAP Completion Date:	Not reported
RAP Payment Date:	Not reported
RAP Last Order Approved:	Not reported
RA Task ID:	91137
RA Cleanup Responsible:	-
RA Funding Eligibility Type:	-
RA Years to Complete:	Not reported
RA Actual Cost:	Not reported
District:	NED
Facility ID:	8942853
Facility Status:	OPEN
Facility Type:	A - Retail Station -
County:	ST. JOHNS
County ID:	55
Cleanup Eligibility Status:	I
Source Effective Date:	Not reported
Discharge Date:	02-24-1994
Cleanup Required:	N - NO CLEANUP REQUIRED
Discharge Cleanup Status:	NREQ - CLEANUP NOT REQUIRED
Disch Cleanup Status Date:	04-23-2001
SRC Action Type:	-
SRC Submit Date:	Not reported
SRC Review Date:	Not reported
SRC Completion Status:	-
SRC Issue Date:	Not reported
SRC Comment:	Not reported
Cleanup Work Status:	COMPLETED
Site Mgr:	Not reported
Site Mgr End Date:	Not reported
Tank Office:	-
SR Task ID:	Not reported
SR Cleanup Responsible:	-
SR Funding Eligibility Type:	-
SR Actual Cost:	Not reported
SR Completion Date:	Not reported
SR Payment Date:	Not reported
SR Oral Date:	Not reported
SR Written Date:	Not reported
SR Soil Removal:	Not reported
SR Free Product Removal:	Not reported
SR Soil Tonnage Removed:	Not reported
SR Soil Treatment:	Not reported
SR Other Treatment:	Not reported
SR Alternate Proc Received Date:	Not reported
SR Alternate Procedure Status:	Not reported
SR Alternate Procedure Status Date:	Not reported
SR Alternate Procedure Comments:	Not reported
SA Task ID:	Not reported
SA Cleanup Responsible:	-
SA Funding Eligibility Type:	-
SA Actual Cost:	Not reported
SA Completion Date:	Not reported
SA Payment Date:	Not reported
RAP Task ID:	Not reported
RAP Cleanup Responsible ID:	-
RAP Funding Eligibility Type:	-

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CIRCLE K #2721255 (Continued)

U001372724

RAP Actual Cost:	Not reported
RAP Completion Date:	Not reported
RAP Payment Date:	Not reported
RAP Last Order Approved:	Not reported
RA Task ID:	Not reported
RA Cleanup Responsible:	-
RA Funding Eligibility Type:	-
RA Years to Complete:	Not reported
RA Actual Cost:	Not reported
District:	NED
Facility ID:	8942853
Facility Status:	OPEN
Facility Type:	A - Retail Station -
County:	ST. JOHNS
County ID:	55
Cleanup Eligibility Status:	I
Source Effective Date:	06-07-2013
Discharge Date:	08-16-2012
Cleanup Required:	R - CLEANUP REQUIRED
Discharge Cleanup Status:	SRCR - SRCR COMPLETE
Disch Cleanup Status Date:	06-07-2013
SRC Action Type:	SRCR - SITE REHABILITATION COMPLETION REPORT
SRC Submit Date:	06-06-2013
SRC Review Date:	06-07-2013
SRC Completion Status:	A - APPROVED
SRC Issue Date:	06-07-2013
SRC Comment:	Not reported
Cleanup Work Status:	COMPLETED
Site Mgr:	LUBINSKI_D
Site Mgr End Date:	06-07-2013
Tank Office:	PCNED - Northeast District
SR Task ID:	Not reported
SR Cleanup Responsible:	-
SR Funding Eligibility Type:	-
SR Actual Cost:	Not reported
SR Completion Date:	Not reported
SR Payment Date:	Not reported
SR Oral Date:	Not reported
SR Written Date:	Not reported
SR Soil Removal:	Not reported
SR Free Product Removal:	Not reported
SR Soil Tonnage Removed:	Not reported
SR Soil Treatment:	Not reported
SR Other Treatment:	Not reported
SR Alternate Proc Received Date:	Not reported
SR Alternate Procedure Status:	Not reported
SR Alternate Procedure Status Date:	Not reported
SR Alternate Procedure Comments:	Not reported
SA Task ID:	Not reported
SA Cleanup Responsible:	-
SA Funding Eligibility Type:	-
SA Actual Cost:	Not reported
SA Completion Date:	Not reported
SA Payment Date:	Not reported
RAP Task ID:	Not reported
RAP Cleanup Responsible ID:	-
RAP Funding Eligibility Type:	-

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CIRCLE K #2721255 (Continued)

U001372724

RAP Actual Cost:	Not reported
RAP Completion Date:	Not reported
RAP Payment Date:	Not reported
RAP Last Order Approved:	Not reported
RA Task ID:	89370
RA Cleanup Responsible:	-
RA Funding Eligibility Type:	-
RA Years to Complete:	0
RA Actual Cost:	Not reported
District:	NED
Facility ID:	8942853
Facility Status:	OPEN
Facility Type:	A - Retail Station -
County:	ST. JOHNS
County ID:	55
Cleanup Eligibility Status:	I
Source Effective Date:	05-17-2013
Discharge Date:	09-02-2010
Cleanup Required:	R - CLEANUP REQUIRED
Discharge Cleanup Status:	SRCR - SRCR COMPLETE
Disch Cleanup Status Date:	05-21-2013
SRC Action Type:	SRCR - SITE REHABILITATION COMPLETION REPORT
SRC Submit Date:	04-11-2013
SRC Review Date:	05-17-2013
SRC Completion Status:	A - APPROVED
SRC Issue Date:	05-21-2013
SRC Comment:	Not reported
Cleanup Work Status:	COMPLETED
Site Mgr:	LUBINSKI_D
Site Mgr End Date:	06-03-2013
Tank Office:	PCNED - Northeast District
SR Task ID:	Not reported
SR Cleanup Responsible:	-
SR Funding Eligibility Type:	-
SR Actual Cost:	Not reported
SR Completion Date:	Not reported
SR Payment Date:	Not reported
SR Oral Date:	Not reported
SR Written Date:	Not reported
SR Soil Removal:	Not reported
SR Free Product Removal:	Not reported
SR Soil Tonnage Removed:	Not reported
SR Soil Treatment:	Not reported
SR Other Treatment:	Not reported
SR Alternate Proc Received Date:	Not reported
SR Alternate Procedure Status:	Not reported
SR Alternate Procedure Status Date:	Not reported
SR Alternate Procedure Comments:	Not reported
SA Task ID:	87748
SA Cleanup Responsible:	-
SA Funding Eligibility Type:	-
SA Actual Cost:	Not reported
SA Completion Date:	Not reported
SA Payment Date:	Not reported
RAP Task ID:	88742
RAP Cleanup Responsible ID:	-
RAP Funding Eligibility Type:	-

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CIRCLE K #2721255 (Continued)

U001372724

RAP Actual Cost:	Not reported
RAP Completion Date:	Not reported
RAP Payment Date:	Not reported
RAP Last Order Approved:	Not reported
RA Task ID:	89364
RA Cleanup Responsible:	-
RA Funding Eligibility Type:	-
RA Years to Complete:	0
RA Actual Cost:	Not reported
District:	NED
Facility ID:	8942853
Facility Status:	OPEN
Facility Type:	A - Retail Station -
County:	ST. JOHNS
County ID:	55
Cleanup Eligibility Status:	E
Source Effective Date:	Not reported
Discharge Date:	09-18-1993
Cleanup Required:	R - CLEANUP REQUIRED
Discharge Cleanup Status:	RA - RA ONGOING
Disch Cleanup Status Date:	09-16-2016
SRC Action Type:	-
SRC Submit Date:	Not reported
SRC Review Date:	Not reported
SRC Completion Status:	-
SRC Issue Date:	Not reported
SRC Comment:	Not reported
Cleanup Work Status:	INACTIVE
Site Mgr:	EMERY_J
Site Mgr End Date:	Not reported
Tank Office:	PCLP16 - Duval County
SR Task ID:	Not reported
SR Cleanup Responsible:	-
SR Funding Eligibility Type:	-
SR Actual Cost:	Not reported
SR Completion Date:	Not reported
SR Payment Date:	Not reported
SR Oral Date:	Not reported
SR Written Date:	Not reported
SR Soil Removal:	Not reported
SR Free Product Removal:	Not reported
SR Soil Tonnage Removed:	Not reported
SR Soil Treatment:	Not reported
SR Other Treatment:	Not reported
SR Alternate Proc Received Date:	Not reported
SR Alternate Procedure Status:	Not reported
SR Alternate Procedure Status Date:	Not reported
SR Alternate Procedure Comments:	Not reported
SA Task ID:	14625
SA Cleanup Responsible:	-
SA Funding Eligibility Type:	-
SA Actual Cost:	Not reported
SA Completion Date:	Not reported
SA Payment Date:	Not reported
RAP Task ID:	Not reported
RAP Cleanup Responsible ID:	-
RAP Funding Eligibility Type:	-

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CIRCLE K #2721255 (Continued)

U001372724

RAP Actual Cost:	Not reported
RAP Completion Date:	Not reported
RAP Payment Date:	Not reported
RAP Last Order Approved:	Not reported
RA Task ID:	93400
RA Cleanup Responsible:	-
RA Funding Eligibility Type:	-
RA Years to Complete:	Not reported
RA Actual Cost:	Not reported

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UST:

Facility ID:	8942853
Name:	CIRCLE K #2721255
Address:	2330 SR 16
City,State,Zip:	SAINT AUGUSTINE, FL 32084
Facility Phone:	9197746700
Facility Status:	OPEN
Facility Type:	A
Type Description:	Retail Station
Depco:	P
Region:	STATE
Positioning Method:	AGPS
Latitude/Longitude:	29 55 0 / 81 24 28

UST:

Tank ID:	4
Tank Capacity:	20000
Tank Location:	UNDERGROUND
Tank Status:	U
Status Date:	12/01/1999
Install Date:	12/1/1999
Substance:	B
Content Description:	Unleaded Gas
Vessel Indicator:	TANK
DEP Contractor:	P

Owner:

Owner ID:	4045
Owner Name:	CIRCLE K STORES INC
Owner Address:	1100 Situs Ct
Owner Address 2:	ATTN: STORAGE TANK REGIS Ste 100
Owner City,State,Zip:	Raleigh, NC 27606
Owner Contact:	ANDREW BURRESS
Owner Phone:	9196100734

Construction:

Tank ID:	4
Construction Category:	A
Construction Description:	Ball check valve
Tank ID:	4
Construction Category:	F
Construction Description:	Fiberglass clad steel
Tank ID:	4

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CIRCLE K #2721255 (Continued)

U001372724

Construction Category:	I
Construction Description:	Double wall
Tank ID:	4
Construction Category:	M
Construction Description:	Spill containment bucket
Tank ID:	4
Construction Category:	O
Construction Description:	Tight fill
Tank ID:	4
Construction Category:	L
Construction Description:	Compartmented
Tank ID:	5
Construction Category:	A
Construction Description:	Ball check valve
Tank ID:	5
Construction Category:	F
Construction Description:	Fiberglass clad steel
Tank ID:	5
Construction Category:	I
Construction Description:	Double wall
Tank ID:	5
Construction Category:	M
Construction Description:	Spill containment bucket
Tank ID:	5
Construction Category:	O
Construction Description:	Tight fill
Tank ID:	6
Construction Category:	A
Construction Description:	Ball check valve
Tank ID:	6
Construction Category:	F
Construction Description:	Fiberglass clad steel
Tank ID:	6
Construction Category:	I
Construction Description:	Double wall
Tank ID:	6
Construction Category:	M
Construction Description:	Spill containment bucket
Tank ID:	6
Construction Category:	O
Construction Description:	Tight fill
Tank ID:	6
Construction Category:	L

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CIRCLE K #2721255 (Continued)

U001372724

Construction Description:	Compartmented
Piping:	
Tank ID:	4
Piping Category:	N
Piping Description:	Approved synthetic material
Tank ID:	4
Piping Category:	M
Piping Description:	Double wall - pipe jacket
Tank ID:	4
Piping Category:	J
Piping Description:	Pressurized piping system
Tank ID:	4
Piping Category:	K
Piping Description:	Dispenser liners
Tank ID:	5
Piping Category:	N
Piping Description:	Approved synthetic material
Tank ID:	5
Piping Category:	M
Piping Description:	Double wall - pipe jacket
Tank ID:	5
Piping Category:	J
Piping Description:	Pressurized piping system
Tank ID:	5
Piping Category:	K
Piping Description:	Dispenser liners
Tank ID:	6
Piping Category:	N
Piping Description:	Approved synthetic material
Tank ID:	6
Piping Category:	M
Piping Description:	Double wall - pipe jacket
Tank ID:	6
Piping Category:	K
Piping Description:	Dispenser liners
Tank ID:	6
Piping Category:	J
Piping Description:	Pressurized piping system
Monitoring:	
Tank ID:	4
Petro Monitoring Category:	F
Monitoring Description:	Monitor dbl wall tank space

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CIRCLE K #2721255 (Continued)

U001372724

Tank ID:	4
Petro Monitoring Category:	K
Monitoring Description:	Monitor dbl wall pipe space
Tank ID:	4
Petro Monitoring Category:	H
Monitoring Description:	Mechanical line leak detector
Tank ID:	4
Petro Monitoring Category:	2
Monitoring Description:	Visual inspect pipe sumps
Tank ID:	4
Petro Monitoring Category:	4
Monitoring Description:	Visual inspect dispenser liners
Tank ID:	5
Petro Monitoring Category:	F
Monitoring Description:	Monitor dbl wall tank space
Tank ID:	5
Petro Monitoring Category:	H
Monitoring Description:	Mechanical line leak detector
Tank ID:	5
Petro Monitoring Category:	K
Monitoring Description:	Monitor dbl wall pipe space
Tank ID:	5
Petro Monitoring Category:	2
Monitoring Description:	Visual inspect pipe sumps
Tank ID:	5
Petro Monitoring Category:	4
Monitoring Description:	Visual inspect dispenser liners
Tank ID:	6
Petro Monitoring Category:	F
Monitoring Description:	Monitor dbl wall tank space
Tank ID:	6
Petro Monitoring Category:	H
Monitoring Description:	Mechanical line leak detector
Tank ID:	6
Petro Monitoring Category:	K
Monitoring Description:	Monitor dbl wall pipe space
Tank ID:	6
Petro Monitoring Category:	2
Monitoring Description:	Visual inspect pipe sumps
Tank ID:	6
Petro Monitoring Category:	4
Monitoring Description:	Visual inspect dispenser liners

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CIRCLE K #2721255 (Continued)

U001372724

Tank ID: 3
Tank Capacity: 10000
Tank Location: UNDERGROUND
Tank Status: B
Status Date: 03/01/2005
Install Date: 10/1/1988
Substance: B
Content Description: Unleaded Gas
Vessel Indicator: TANK
DEP Contractor: P

Owner:

Owner ID: 4045
Owner Name: CIRCLE K STORES INC
Owner Address: 1100 Situs Ct
Owner Address 2: ATTN: STORAGE TANK REGIS Ste 100
Owner City,State,Zip: Raleigh, NC 27606
Owner Contact: ANDREW BURRESS
Owner Phone: 9196100734

Construction:

Tank ID: 4
Construction Category: A
Construction Description: Ball check valve

Tank ID: 4
Construction Category: F
Construction Description: Fiberglass clad steel

Tank ID: 4
Construction Category: I
Construction Description: Double wall

Tank ID: 4
Construction Category: M
Construction Description: Spill containment bucket

Tank ID: 4
Construction Category: O
Construction Description: Tight fill

Tank ID: 4
Construction Category: L
Construction Description: Compartmented

Tank ID: 5
Construction Category: A
Construction Description: Ball check valve

Tank ID: 5
Construction Category: F
Construction Description: Fiberglass clad steel

Tank ID: 5
Construction Category: I
Construction Description: Double wall

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CIRCLE K #2721255 (Continued)

U001372724

Tank ID:	5
Construction Category:	M
Construction Description:	Spill containment bucket
Tank ID:	5
Construction Category:	O
Construction Description:	Tight fill
Tank ID:	6
Construction Category:	A
Construction Description:	Ball check valve
Tank ID:	6
Construction Category:	F
Construction Description:	Fiberglass clad steel
Tank ID:	6
Construction Category:	I
Construction Description:	Double wall
Tank ID:	6
Construction Category:	M
Construction Description:	Spill containment bucket
Tank ID:	6
Construction Category:	O
Construction Description:	Tight fill
Tank ID:	6
Construction Category:	L
Construction Description:	Compartmented
Piping:	
Tank ID:	4
Piping Category:	N
Piping Description:	Approved synthetic material
Tank ID:	4
Piping Category:	M
Piping Description:	Double wall - pipe jacket
Tank ID:	4
Piping Category:	J
Piping Description:	Pressurized piping system
Tank ID:	4
Piping Category:	K
Piping Description:	Dispenser liners
Tank ID:	5
Piping Category:	N
Piping Description:	Approved synthetic material
Tank ID:	5
Piping Category:	M
Piping Description:	Double wall - pipe jacket

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CIRCLE K #2721255 (Continued)

U001372724

Tank ID: 5
Piping Category: J
Piping Description: Pressurized piping system

Tank ID: 5
Piping Category: K
Piping Description: Dispenser liners

Tank ID: 6
Piping Category: N
Piping Description: Approved synthetic material

Tank ID: 6
Piping Category: M
Piping Description: Double wall - pipe jacket

Tank ID: 6
Piping Category: K
Piping Description: Dispenser liners

Tank ID: 6
Piping Category: J
Piping Description: Pressurized piping system

Monitoring:
Tank ID: 4
Petro Monitoring Category: F
Monitoring Description: Monitor dbl wall tank space

Tank ID: 4
Petro Monitoring Category: K
Monitoring Description: Monitor dbl wall pipe space

Tank ID: 4
Petro Monitoring Category: H
Monitoring Description: Mechanical line leak detector

Tank ID: 4
Petro Monitoring Category: 2
Monitoring Description: Visual inspect pipe sumps

Tank ID: 4
Petro Monitoring Category: 4
Monitoring Description: Visual inspect dispenser liners

Tank ID: 5
Petro Monitoring Category: F
Monitoring Description: Monitor dbl wall tank space

Tank ID: 5
Petro Monitoring Category: H
Monitoring Description: Mechanical line leak detector

Tank ID: 5
Petro Monitoring Category: K
Monitoring Description: Monitor dbl wall pipe space

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CIRCLE K #2721255 (Continued)

U001372724

Tank ID: 5
Petro Monitoring Category: 2
Monitoring Description: Visual inspect pipe sumps

Tank ID: 5
Petro Monitoring Category: 4
Monitoring Description: Visual inspect dispenser liners

Tank ID: 6
Petro Monitoring Category: F
Monitoring Description: Monitor dbl wall tank space

Tank ID: 6
Petro Monitoring Category: H
Monitoring Description: Mechanical line leak detector

Tank ID: 6
Petro Monitoring Category: K
Monitoring Description: Monitor dbl wall pipe space

Tank ID: 6
Petro Monitoring Category: 2
Monitoring Description: Visual inspect pipe sumps

Tank ID: 6
Petro Monitoring Category: 4
Monitoring Description: Visual inspect dispenser liners

Tank ID: 2
Tank Capacity: 10000
Tank Location: UNDERGROUND
Tank Status: B
Status Date: 03/01/2005
Install Date: 10/1/1988
Substance: B
Content Description: Unleaded Gas
Vessel Indicator: TANK
DEP Contractor: P

Owner:

Owner ID: 4045
Owner Name: CIRCLE K STORES INC
Owner Address: 1100 Situs Ct
Owner Address 2: ATTN: STORAGE TANK REGIS Ste 100
Owner City,State,Zip: Raleigh, NC 27606
Owner Contact: ANDREW BURRESS
Owner Phone: 9196100734

Construction:

Tank ID: 4
Construction Category: A
Construction Description: Ball check valve

Tank ID: 4
Construction Category: F
Construction Description: Fiberglass clad steel

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CIRCLE K #2721255 (Continued)

U001372724

Tank ID:	4
Construction Category:	I
Construction Description:	Double wall
Tank ID:	4
Construction Category:	M
Construction Description:	Spill containment bucket
Tank ID:	4
Construction Category:	O
Construction Description:	Tight fill
Tank ID:	4
Construction Category:	L
Construction Description:	Compartmented
Tank ID:	5
Construction Category:	A
Construction Description:	Ball check valve
Tank ID:	5
Construction Category:	F
Construction Description:	Fiberglass clad steel
Tank ID:	5
Construction Category:	I
Construction Description:	Double wall
Tank ID:	5
Construction Category:	M
Construction Description:	Spill containment bucket
Tank ID:	5
Construction Category:	O
Construction Description:	Tight fill
Tank ID:	6
Construction Category:	A
Construction Description:	Ball check valve
Tank ID:	6
Construction Category:	F
Construction Description:	Fiberglass clad steel
Tank ID:	6
Construction Category:	I
Construction Description:	Double wall
Tank ID:	6
Construction Category:	M
Construction Description:	Spill containment bucket
Tank ID:	6
Construction Category:	O
Construction Description:	Tight fill
Tank ID:	6

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CIRCLE K #2721255 (Continued)

U001372724

Construction Category:	L
Construction Description:	Compartmented
Piping:	
Tank ID:	4
Piping Category:	N
Piping Description:	Approved synthetic material
Tank ID:	4
Piping Category:	M
Piping Description:	Double wall - pipe jacket
Tank ID:	4
Piping Category:	J
Piping Description:	Pressurized piping system
Tank ID:	4
Piping Category:	K
Piping Description:	Dispenser liners
Tank ID:	5
Piping Category:	N
Piping Description:	Approved synthetic material
Tank ID:	5
Piping Category:	M
Piping Description:	Double wall - pipe jacket
Tank ID:	5
Piping Category:	J
Piping Description:	Pressurized piping system
Tank ID:	5
Piping Category:	K
Piping Description:	Dispenser liners
Tank ID:	6
Piping Category:	N
Piping Description:	Approved synthetic material
Tank ID:	6
Piping Category:	M
Piping Description:	Double wall - pipe jacket
Tank ID:	6
Piping Category:	K
Piping Description:	Dispenser liners
Tank ID:	6
Piping Category:	J
Piping Description:	Pressurized piping system
Monitoring:	
Tank ID:	4
Petro Monitoring Category:	F
Monitoring Description:	Monitor dbl wall tank space

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CIRCLE K #2721255 (Continued)

U001372724

Tank ID:	4
Petro Monitoring Category:	K
Monitoring Description:	Monitor dbl wall pipe space
Tank ID:	4
Petro Monitoring Category:	H
Monitoring Description:	Mechanical line leak detector
Tank ID:	4
Petro Monitoring Category:	2
Monitoring Description:	Visual inspect pipe sumps
Tank ID:	4
Petro Monitoring Category:	4
Monitoring Description:	Visual inspect dispenser liners
Tank ID:	5
Petro Monitoring Category:	F
Monitoring Description:	Monitor dbl wall tank space
Tank ID:	5
Petro Monitoring Category:	H
Monitoring Description:	Mechanical line leak detector
Tank ID:	5
Petro Monitoring Category:	K
Monitoring Description:	Monitor dbl wall pipe space
Tank ID:	5
Petro Monitoring Category:	2
Monitoring Description:	Visual inspect pipe sumps
Tank ID:	5
Petro Monitoring Category:	4
Monitoring Description:	Visual inspect dispenser liners
Tank ID:	6
Petro Monitoring Category:	F
Monitoring Description:	Monitor dbl wall tank space
Tank ID:	6
Petro Monitoring Category:	H
Monitoring Description:	Mechanical line leak detector
Tank ID:	6
Petro Monitoring Category:	K
Monitoring Description:	Monitor dbl wall pipe space
Tank ID:	6
Petro Monitoring Category:	2
Monitoring Description:	Visual inspect pipe sumps
Tank ID:	6
Petro Monitoring Category:	4
Monitoring Description:	Visual inspect dispenser liners

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CIRCLE K #2721255 (Continued)

U001372724

Tank ID: 1
Tank Capacity: 10000
Tank Location: UNDERGROUND
Tank Status: B
Status Date: 03/01/2005
Install Date: 10/1/1988
Substance: B
Content Description: Unleaded Gas
Vessel Indicator: TANK
DEP Contractor: P

Owner:

Owner ID: 4045
Owner Name: CIRCLE K STORES INC
Owner Address: 1100 Situs Ct
Owner Address 2: ATTN: STORAGE TANK REGIS Ste 100
Owner City,State,Zip: Raleigh, NC 27606
Owner Contact: ANDREW BURRESS
Owner Phone: 9196100734

Construction:

Tank ID: 4
Construction Category: A
Construction Description: Ball check valve

Tank ID: 4
Construction Category: F
Construction Description: Fiberglass clad steel

Tank ID: 4
Construction Category: I
Construction Description: Double wall

Tank ID: 4
Construction Category: M
Construction Description: Spill containment bucket

Tank ID: 4
Construction Category: O
Construction Description: Tight fill

Tank ID: 4
Construction Category: L
Construction Description: Compartmented

Tank ID: 5
Construction Category: A
Construction Description: Ball check valve

Tank ID: 5
Construction Category: F
Construction Description: Fiberglass clad steel

Tank ID: 5
Construction Category: I
Construction Description: Double wall

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CIRCLE K #2721255 (Continued)

U001372724

Tank ID:	5
Construction Category:	M
Construction Description:	Spill containment bucket
Tank ID:	5
Construction Category:	O
Construction Description:	Tight fill
Tank ID:	6
Construction Category:	A
Construction Description:	Ball check valve
Tank ID:	6
Construction Category:	F
Construction Description:	Fiberglass clad steel
Tank ID:	6
Construction Category:	I
Construction Description:	Double wall
Tank ID:	6
Construction Category:	M
Construction Description:	Spill containment bucket
Tank ID:	6
Construction Category:	O
Construction Description:	Tight fill
Tank ID:	6
Construction Category:	L
Construction Description:	Compartmented
Piping:	
Tank ID:	4
Piping Category:	N
Piping Description:	Approved synthetic material
Tank ID:	4
Piping Category:	M
Piping Description:	Double wall - pipe jacket
Tank ID:	4
Piping Category:	J
Piping Description:	Pressurized piping system
Tank ID:	4
Piping Category:	K
Piping Description:	Dispenser liners
Tank ID:	5
Piping Category:	N
Piping Description:	Approved synthetic material
Tank ID:	5
Piping Category:	M
Piping Description:	Double wall - pipe jacket

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CIRCLE K #2721255 (Continued)

U001372724

Tank ID: 5
Piping Category: J
Piping Description: Pressurized piping system

Tank ID: 5
Piping Category: K
Piping Description: Dispenser liners

Tank ID: 6
Piping Category: N
Piping Description: Approved synthetic material

Tank ID: 6
Piping Category: M
Piping Description: Double wall - pipe jacket

Tank ID: 6
Piping Category: K
Piping Description: Dispenser liners

Tank ID: 6
Piping Category: J
Piping Description: Pressurized piping system

Monitoring:
Tank ID: 4
Petro Monitoring Category: F
Monitoring Description: Monitor dbl wall tank space

Tank ID: 4
Petro Monitoring Category: K
Monitoring Description: Monitor dbl wall pipe space

Tank ID: 4
Petro Monitoring Category: H
Monitoring Description: Mechanical line leak detector

Tank ID: 4
Petro Monitoring Category: 2
Monitoring Description: Visual inspect pipe sumps

Tank ID: 4
Petro Monitoring Category: 4
Monitoring Description: Visual inspect dispenser liners

Tank ID: 5
Petro Monitoring Category: F
Monitoring Description: Monitor dbl wall tank space

Tank ID: 5
Petro Monitoring Category: H
Monitoring Description: Mechanical line leak detector

Tank ID: 5
Petro Monitoring Category: K
Monitoring Description: Monitor dbl wall pipe space

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CIRCLE K #2721255 (Continued)

U001372724

Tank ID: 5
Petro Monitoring Category: 2
Monitoring Description: Visual inspect pipe sumps

Tank ID: 5
Petro Monitoring Category: 4
Monitoring Description: Visual inspect dispenser liners

Tank ID: 6
Petro Monitoring Category: F
Monitoring Description: Monitor dbl wall tank space

Tank ID: 6
Petro Monitoring Category: H
Monitoring Description: Mechanical line leak detector

Tank ID: 6
Petro Monitoring Category: K
Monitoring Description: Monitor dbl wall pipe space

Tank ID: 6
Petro Monitoring Category: 2
Monitoring Description: Visual inspect pipe sumps

Tank ID: 6
Petro Monitoring Category: 4
Monitoring Description: Visual inspect dispenser liners

Tank ID: 6
Tank Capacity: 20000
Tank Location: UNDERGROUND
Tank Status: U
Status Date: 03/01/2005
Install Date: 3/1/2005
Substance: B
Content Description: Unleaded Gas
Vessel Indicator: TANK
DEP Contractor: P

Owner:

Owner ID: 4045
Owner Name: CIRCLE K STORES INC
Owner Address: 1100 Situs Ct
Owner Address 2: ATTN: STORAGE TANK REGIS Ste 100
Owner City,State,Zip: Raleigh, NC 27606
Owner Contact: ANDREW BURRESS
Owner Phone: 9196100734

Construction:

Tank ID: 4
Construction Category: A
Construction Description: Ball check valve

Tank ID: 4
Construction Category: F
Construction Description: Fiberglass clad steel

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CIRCLE K #2721255 (Continued)

U001372724

Tank ID:	4
Construction Category:	I
Construction Description:	Double wall
Tank ID:	4
Construction Category:	M
Construction Description:	Spill containment bucket
Tank ID:	4
Construction Category:	O
Construction Description:	Tight fill
Tank ID:	4
Construction Category:	L
Construction Description:	Compartmented
Tank ID:	5
Construction Category:	A
Construction Description:	Ball check valve
Tank ID:	5
Construction Category:	F
Construction Description:	Fiberglass clad steel
Tank ID:	5
Construction Category:	I
Construction Description:	Double wall
Tank ID:	5
Construction Category:	M
Construction Description:	Spill containment bucket
Tank ID:	5
Construction Category:	O
Construction Description:	Tight fill
Tank ID:	6
Construction Category:	A
Construction Description:	Ball check valve
Tank ID:	6
Construction Category:	F
Construction Description:	Fiberglass clad steel
Tank ID:	6
Construction Category:	I
Construction Description:	Double wall
Tank ID:	6
Construction Category:	M
Construction Description:	Spill containment bucket
Tank ID:	6
Construction Category:	O
Construction Description:	Tight fill
Tank ID:	6

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CIRCLE K #2721255 (Continued)

U001372724

Construction Category:	L
Construction Description:	Compartmented
Piping:	
Tank ID:	4
Piping Category:	N
Piping Description:	Approved synthetic material
Tank ID:	4
Piping Category:	M
Piping Description:	Double wall - pipe jacket
Tank ID:	4
Piping Category:	J
Piping Description:	Pressurized piping system
Tank ID:	4
Piping Category:	K
Piping Description:	Dispenser liners
Tank ID:	5
Piping Category:	N
Piping Description:	Approved synthetic material
Tank ID:	5
Piping Category:	M
Piping Description:	Double wall - pipe jacket
Tank ID:	5
Piping Category:	J
Piping Description:	Pressurized piping system
Tank ID:	5
Piping Category:	K
Piping Description:	Dispenser liners
Tank ID:	6
Piping Category:	N
Piping Description:	Approved synthetic material
Tank ID:	6
Piping Category:	M
Piping Description:	Double wall - pipe jacket
Tank ID:	6
Piping Category:	K
Piping Description:	Dispenser liners
Tank ID:	6
Piping Category:	J
Piping Description:	Pressurized piping system
Monitoring:	
Tank ID:	4
Petro Monitoring Category:	F
Monitoring Description:	Monitor dbl wall tank space

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CIRCLE K #2721255 (Continued)

U001372724

Tank ID:	4
Petro Monitoring Category:	K
Monitoring Description:	Monitor dbl wall pipe space
Tank ID:	4
Petro Monitoring Category:	H
Monitoring Description:	Mechanical line leak detector
Tank ID:	4
Petro Monitoring Category:	2
Monitoring Description:	Visual inspect pipe sumps
Tank ID:	4
Petro Monitoring Category:	4
Monitoring Description:	Visual inspect dispenser liners
Tank ID:	5
Petro Monitoring Category:	F
Monitoring Description:	Monitor dbl wall tank space
Tank ID:	5
Petro Monitoring Category:	H
Monitoring Description:	Mechanical line leak detector
Tank ID:	5
Petro Monitoring Category:	K
Monitoring Description:	Monitor dbl wall pipe space
Tank ID:	5
Petro Monitoring Category:	2
Monitoring Description:	Visual inspect pipe sumps
Tank ID:	5
Petro Monitoring Category:	4
Monitoring Description:	Visual inspect dispenser liners
Tank ID:	6
Petro Monitoring Category:	F
Monitoring Description:	Monitor dbl wall tank space
Tank ID:	6
Petro Monitoring Category:	H
Monitoring Description:	Mechanical line leak detector
Tank ID:	6
Petro Monitoring Category:	K
Monitoring Description:	Monitor dbl wall pipe space
Tank ID:	6
Petro Monitoring Category:	2
Monitoring Description:	Visual inspect pipe sumps
Tank ID:	6
Petro Monitoring Category:	4
Monitoring Description:	Visual inspect dispenser liners

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CIRCLE K #2721255 (Continued)

U001372724

Tank ID: 5
Tank Capacity: 20000
Tank Location: UNDERGROUND
Tank Status: U
Status Date: 03/01/2005
Install Date: 3/1/2005
Substance: B
Content Description: Unleaded Gas
Vessel Indicator: TANK
DEP Contractor: P

Owner:

Owner ID: 4045
Owner Name: CIRCLE K STORES INC
Owner Address: 1100 Situs Ct
Owner Address 2: ATTN: STORAGE TANK REGIS Ste 100
Owner City,State,Zip: Raleigh, NC 27606
Owner Contact: ANDREW BURRESS
Owner Phone: 9196100734

Construction:

Tank ID: 4
Construction Category: A
Construction Description: Ball check valve

Tank ID: 4
Construction Category: F
Construction Description: Fiberglass clad steel

Tank ID: 4
Construction Category: I
Construction Description: Double wall

Tank ID: 4
Construction Category: M
Construction Description: Spill containment bucket

Tank ID: 4
Construction Category: O
Construction Description: Tight fill

Tank ID: 4
Construction Category: L
Construction Description: Compartmented

Tank ID: 5
Construction Category: A
Construction Description: Ball check valve

Tank ID: 5
Construction Category: F
Construction Description: Fiberglass clad steel

Tank ID: 5
Construction Category: I
Construction Description: Double wall

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CIRCLE K #2721255 (Continued)

U001372724

Tank ID:	5
Construction Category:	M
Construction Description:	Spill containment bucket
Tank ID:	5
Construction Category:	O
Construction Description:	Tight fill
Tank ID:	6
Construction Category:	A
Construction Description:	Ball check valve
Tank ID:	6
Construction Category:	F
Construction Description:	Fiberglass clad steel
Tank ID:	6
Construction Category:	I
Construction Description:	Double wall
Tank ID:	6
Construction Category:	M
Construction Description:	Spill containment bucket
Tank ID:	6
Construction Category:	O
Construction Description:	Tight fill
Tank ID:	6
Construction Category:	L
Construction Description:	Compartmented
Piping:	
Tank ID:	4
Piping Category:	N
Piping Description:	Approved synthetic material
Tank ID:	4
Piping Category:	M
Piping Description:	Double wall - pipe jacket
Tank ID:	4
Piping Category:	J
Piping Description:	Pressurized piping system
Tank ID:	4
Piping Category:	K
Piping Description:	Dispenser liners
Tank ID:	5
Piping Category:	N
Piping Description:	Approved synthetic material
Tank ID:	5
Piping Category:	M
Piping Description:	Double wall - pipe jacket

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CIRCLE K #2721255 (Continued)

U001372724

Tank ID: 5
Piping Category: J
Piping Description: Pressurized piping system

Tank ID: 5
Piping Category: K
Piping Description: Dispenser liners

Tank ID: 6
Piping Category: N
Piping Description: Approved synthetic material

Tank ID: 6
Piping Category: M
Piping Description: Double wall - pipe jacket

Tank ID: 6
Piping Category: K
Piping Description: Dispenser liners

Tank ID: 6
Piping Category: J
Piping Description: Pressurized piping system

Monitoring:
Tank ID: 4
Petro Monitoring Category: F
Monitoring Description: Monitor dbl wall tank space

Tank ID: 4
Petro Monitoring Category: K
Monitoring Description: Monitor dbl wall pipe space

Tank ID: 4
Petro Monitoring Category: H
Monitoring Description: Mechanical line leak detector

Tank ID: 4
Petro Monitoring Category: 2
Monitoring Description: Visual inspect pipe sumps

Tank ID: 4
Petro Monitoring Category: 4
Monitoring Description: Visual inspect dispenser liners

Tank ID: 5
Petro Monitoring Category: F
Monitoring Description: Monitor dbl wall tank space

Tank ID: 5
Petro Monitoring Category: H
Monitoring Description: Mechanical line leak detector

Tank ID: 5
Petro Monitoring Category: K
Monitoring Description: Monitor dbl wall pipe space

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CIRCLE K #2721255 (Continued)

U001372724

Tank ID:	5
Petro Monitoring Category:	2
Monitoring Description:	Visual inspect pipe sumps
Tank ID:	5
Petro Monitoring Category:	4
Monitoring Description:	Visual inspect dispenser liners
Tank ID:	6
Petro Monitoring Category:	F
Monitoring Description:	Monitor dbl wall tank space
Tank ID:	6
Petro Monitoring Category:	H
Monitoring Description:	Mechanical line leak detector
Tank ID:	6
Petro Monitoring Category:	K
Monitoring Description:	Monitor dbl wall pipe space
Tank ID:	6
Petro Monitoring Category:	2
Monitoring Description:	Visual inspect pipe sumps
Tank ID:	6
Petro Monitoring Category:	4
Monitoring Description:	Visual inspect dispenser liners

FL Financial Assurance 3:

Name:	CIRCLE K #2721255
Address:	2330 SR 16
City,State,Zip:	SAINT AUGUSTINE, FL 32084
Region:	3
Facility ID:	8942853
Facility Phone:	9197746700
Facility Status:	OPEN
Facility Type:	A
Type Description:	Retail Station
DEP CO:	P
Finaincial Responsibility:	INSURANCE
Insurance Company:	ENDURANCE AMERICAN SPECIALTY INS CO
Effective Date:	11/01/2008
Expire Date:	11/11/2009
Owner ID:	4045
Onwer Name:	CIRCLE K STORES INC
Owner Address:	1100 Situs Ct
Owner Address2:	ATTN: STORAGE TANK REGIS Ste 100
Owner City,St,Zip:	Raleigh, NC 27606
Contact:	ANDREW BURRESS
Resp Party Phone:	9196100734
Name:	CIRCLE K #2721255
Address:	2330 SR 16
City,State,Zip:	SAINT AUGUSTINE, FL 32084
Region:	3

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CIRCLE K #2721255 (Continued)

U001372724

Facility ID: 8942853
Facility Phone: 9197746700
Facility Status: OPEN
Facility Type: A
Type Description: Retail Station
DEP CO: P
Financial Responsibility: INSURANCE
Insurance Company: ENDURANCE AMERICAN SPECIALTY INS CO
Effective Date: 11/01/2009
Expire Date: 11/01/2010
Owner ID: 4045
Owner Name: CIRCLE K STORES INC
Owner Address: 1100 Situs Ct
Owner Address2: ATTN: STORAGE TANK REGIS Ste 100
Owner City,St,Zip: Raleigh, NC 27606
Contact: ANDREW BURRESS
Resp Party Phone: 9196100734

Name: CIRCLE K #2721255
Address: 2330 SR 16
City,State,Zip: SAINT AUGUSTINE, FL 32084
Region: 3
Facility ID: 8942853
Facility Phone: 9197746700
Facility Status: OPEN
Facility Type: A
Type Description: Retail Station
DEP CO: P
Financial Responsibility: INSURANCE
Insurance Company: ENDURANCE AMERICAN SPECIALTY INS CO
Effective Date: 11/01/2010
Expire Date: 11/01/2011
Owner ID: 4045
Owner Name: CIRCLE K STORES INC
Owner Address: 1100 Situs Ct
Owner Address2: ATTN: STORAGE TANK REGIS Ste 100
Owner City,St,Zip: Raleigh, NC 27606
Contact: ANDREW BURRESS
Resp Party Phone: 9196100734

Name: CIRCLE K #2721255
Address: 2330 SR 16
City,State,Zip: SAINT AUGUSTINE, FL 32084
Region: 3
Facility ID: 8942853
Facility Phone: 9197746700
Facility Status: OPEN
Facility Type: A
Type Description: Retail Station
DEP CO: P
Financial Responsibility: INSURANCE
Insurance Company: ENDURANCE AMERICAN SPECIALTY INS CO
Effective Date: 11/01/2011
Expire Date: 11/01/2012
Owner ID: 4045
Owner Name: CIRCLE K STORES INC
Owner Address: 1100 Situs Ct

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CIRCLE K #2721255 (Continued)

U001372724

Owner Address2: ATTN: STORAGE TANK REGIS Ste 100
Owner City,St,Zip: Raleigh, NC 27606
Contact: ANDREW BURRESS
Resp Party Phone: 9196100734

Name: CIRCLE K #2721255
Address: 2330 SR 16
City,State,Zip: SAINT AUGUSTINE, FL 32084
Region: 3
Facility ID: 8942853
Facility Phone: 9197746700
Facility Status: OPEN
Facility Type: A
Type Description: Retail Station
DEP CO: P
Financial Responsibility: INSURANCE
Insurance Company: IRONSHORE SPECIALTY INSURANCE CO
Effective Date: 11/01/2011
Expire Date: 11/01/2012
Owner ID: 4045
Owner Name: CIRCLE K STORES INC
Owner Address: 1100 Situs Ct
Owner Address2: ATTN: STORAGE TANK REGIS Ste 100
Owner City,St,Zip: Raleigh, NC 27606
Contact: ANDREW BURRESS
Resp Party Phone: 9196100734

Name: CIRCLE K #2721255
Address: 2330 SR 16
City,State,Zip: SAINT AUGUSTINE, FL 32084
Region: 3
Facility ID: 8942853
Facility Phone: 9197746700
Facility Status: OPEN
Facility Type: A
Type Description: Retail Station
DEP CO: P
Financial Responsibility: INSURANCE
Insurance Company: IRONSHORE SPECIALTY INSURANCE CO
Effective Date: 11/01/2012
Expire Date: 11/01/2013
Owner ID: 4045
Owner Name: CIRCLE K STORES INC
Owner Address: 1100 Situs Ct
Owner Address2: ATTN: STORAGE TANK REGIS Ste 100
Owner City,St,Zip: Raleigh, NC 27606
Contact: ANDREW BURRESS
Resp Party Phone: 9196100734

Name: CIRCLE K #2721255
Address: 2330 SR 16
City,State,Zip: SAINT AUGUSTINE, FL 32084
Region: 3
Facility ID: 8942853
Facility Phone: 9197746700
Facility Status: OPEN
Facility Type: A

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CIRCLE K #2721255 (Continued)

U001372724

Type Description: Retail Station
DEP CO: P
Financial Responsibility: INSURANCE
Insurance Company: IRONSHORE SPECIALTY INSURANCE CO
Effective Date: 11/01/2013
Expire Date: 11/01/2015
Owner ID: 4045
Owner Name: CIRCLE K STORES INC
Owner Address: 1100 Situs Ct
Owner Address2: ATTN: STORAGE TANK REGIS Ste 100
Owner City,St,Zip: Raleigh, NC 27606
Contact: ANDREW BURRESS
Resp Party Phone: 9196100734

Name: CIRCLE K #2721255
Address: 2330 SR 16
City,State,Zip: SAINT AUGUSTINE, FL 32084
Region: 3
Facility ID: 8942853
Facility Phone: 9197746700
Facility Status: OPEN
Facility Type: A
Type Description: Retail Station
DEP CO: P
Financial Responsibility: INSURANCE
Insurance Company: IRONSHORE SPECIALTY INSURANCE CO
Effective Date: 12/01/2013
Expire Date: 12/01/2016
Owner ID: 4045
Owner Name: CIRCLE K STORES INC
Owner Address: 1100 Situs Ct
Owner Address2: ATTN: STORAGE TANK REGIS Ste 100
Owner City,St,Zip: Raleigh, NC 27606
Contact: ANDREW BURRESS
Resp Party Phone: 9196100734

Name: CIRCLE K #2721255
Address: 2330 SR 16
City,State,Zip: SAINT AUGUSTINE, FL 32084
Region: 3
Facility ID: 8942853
Facility Phone: 9197746700
Facility Status: OPEN
Facility Type: A
Type Description: Retail Station
DEP CO: P
Financial Responsibility: INSURANCE
Insurance Company: IRONSHORE SPECIALTY INSURANCE CO
Effective Date: 12/01/2016
Expire Date: 12/01/2017
Owner ID: 4045
Owner Name: CIRCLE K STORES INC
Owner Address: 1100 Situs Ct
Owner Address2: ATTN: STORAGE TANK REGIS Ste 100
Owner City,St,Zip: Raleigh, NC 27606
Contact: ANDREW BURRESS
Resp Party Phone: 9196100734

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CIRCLE K #2721255 (Continued)

U001372724

Name: CIRCLE K #2721255
Address: 2330 SR 16
City,State,Zip: SAINT AUGUSTINE, FL 32084
Region: 3
Facility ID: 8942853
Facility Phone: 9197746700
Facility Status: OPEN
Facility Type: A
Type Description: Retail Station
DEP CO: P
Financial Responsibility: INSURANCE
Insurance Company: IRONSHORE SPECIALTY INSURANCE CO
Effective Date: 12/01/2017
Expire Date: 12/01/2018
Owner ID: 4045
Owner Name: CIRCLE K STORES INC
Owner Address: 1100 Situs Ct
Owner Address2: ATTN: STORAGE TANK REGIS Ste 100
Owner City,St,Zip: Raleigh, NC 27606
Contact: ANDREW BURRESS
Resp Party Phone: 9196100734

Name: CIRCLE K #2721255
Address: 2330 SR 16
City,State,Zip: SAINT AUGUSTINE, FL 32084
Region: 3
Facility ID: 8942853
Facility Phone: 9197746700
Facility Status: OPEN
Facility Type: A
Type Description: Retail Station
DEP CO: P
Financial Responsibility: INSURANCE
Insurance Company: IRONSHORE SPECIALTY INSURANCE CO
Effective Date: 12/01/2018
Expire Date: 12/01/2019
Owner ID: 4045
Owner Name: CIRCLE K STORES INC
Owner Address: 1100 Situs Ct
Owner Address2: ATTN: STORAGE TANK REGIS Ste 100
Owner City,St,Zip: Raleigh, NC 27606
Contact: ANDREW BURRESS
Resp Party Phone: 9196100734

Name: CIRCLE K #2721255
Address: 2330 SR 16
City,State,Zip: SAINT AUGUSTINE, FL 32084
Region: 3
Facility ID: 8942853
Facility Phone: 9197746700
Facility Status: OPEN
Facility Type: A
Type Description: Retail Station
DEP CO: P
Financial Responsibility: INSURANCE
Insurance Company: NAVIGATORS SPECIALTY INSURANCE CO
Effective Date: 12/01/2019

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CIRCLE K #2721255 (Continued)

U001372724

Expire Date: 12/01/2020
Owner ID: 4045
Owner Name: CIRCLE K STORES INC
Owner Address: 1100 Situs Ct
Owner Address2: ATTN: STORAGE TANK REGIS Ste 100
Owner City,St,Zip: Raleigh, NC 27606
Contact: ANDREW BURRESS
Resp Party Phone: 9196100734

Name: CIRCLE K #2721255
Address: 2330 SR 16
City,State,Zip: SAINT AUGUSTINE, FL 32084
Region: 3
Facility ID: 8942853
Facility Phone: 9197746700
Facility Status: OPEN
Facility Type: A
Type Description: Retail Station
DEP CO: P
Financial Responsibility: INSURANCE
Insurance Company: NAVIGATORS SPECIALTY INSURANCE CO
Effective Date: 12/01/2020
Expire Date: 12/01/2021
Owner ID: 4045
Owner Name: CIRCLE K STORES INC
Owner Address: 1100 Situs Ct
Owner Address2: ATTN: STORAGE TANK REGIS Ste 100
Owner City,St,Zip: Raleigh, NC 27606
Contact: ANDREW BURRESS
Resp Party Phone: 9196100734

76
ESE
1/4-1/2
0.355 mi.
1873 ft.

RACEWAY #774
2335 SR 16
SAINT AUGUSTINE, FL

RGA LUST **S115193359**
N/A

Actual:
39 ft.

RGA LUST:

Focus Map:
12

2012	RACEWAY #774	2335 SR 16
2011	RACEWAY #774	2335 SR 16
2010	RACEWAY #774	2335 SR 16
2009	RACEWAY #774	2335 SR 16
2008	RACEWAY #774	2335 SR 16
2007	RACEWAY #774	2335 SR 16
2006	RACEWAY #774	2335 SR 16
2005	RACEWAY #774	2335 SR 16
2004	RACEWAY #774	2335 SR 16
2003	RACEWAY #774	2335 SR 16
2002	RACEWAY #774	2335 SR 16
2001	RACEWAY #774	2335 SR 16
2000	RACEWAY #774	2335 SR 16
1999	RACEWAY #774	2335 SR 16
1998	RACEWAY #774	2335 SR 16
1997	RACEWAY #774	2335 SR 16

Count: 40 records

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
SAINT AUGUSTINE	1027531350	WAWA #5361	NW CORNER OF SR 16 AND INMAN	32084	RCRA-VSQG
SAINT AUGUSTINE	1008372386	O'BRIENS AUTO EMPORIUM	210 S R 16	32095	RCRA-VSQG
SAINT AUGUSTINE	S113720208	CIRCLE K# 2706621	215 SR 16	32084	AST
SAINT AUGUSTINE	S108786391		SR 16 & CR 13 N		SPILLS
SAINT AUGUSTINE	S105615034		SOUTHBOUND INTERSTATE 95 AND STATE RD 16 OFF RAMP		SPILLS
SAINT AUGUSTINE	S105190999		SKINNER OIL 215 SR 16		SPILLS
SAINT AUGUSTINE	S107166040		STATE ROAD 16 AT STATE ROAD 13		SPILLS
SAINT AUGUSTINE	1025437363	ALL ABOUT POOL SUPPLIES INC	2730 SR 16 STE 112	32092	SSTS
SAINT AUGUSTINE	1026843706	WAWA #5361	NW CORNER OF SR 16 AND INMAN RD	32084	ECHO
SAINT AUGUSTINE	1027741662	TRINITY EPISCOPAL NORTH CAMPUS PHASE 1	SR-16 & STATE ROAD 16	32084	ECHO
SAINT AUGUSTINE	1016385879	SR-16 @ I-95 UTILITY INSTALLATION	WEST OF 2350 HIGHWAY 16 @ I-95 NB	32095	ECHO
SAINT AUGUSTINE	1017742130	SOUTHAVEN PUD PHASE 1	INTERSECTION OF N. FRANCIS RD & 9 MILE ROAD	32095	ECHO
SAINT AUGUSTINE	1023704678	TOMOKA PINES	SR 16	32092	ECHO
SAINT AUGUSTINE	1022933064	SAMARA LAKES SUBDIVISION	PACETTI RD	32092	ECHO
SAINT AUGUSTINE	1018092418	SR 13/16 CULVERT OVER WARDS CREEK	STATE RD 13 AT STATE RD 16	32092	ECHO
SAINT AUGUSTINE	1024084301	SILVERLEAF PARKWAY AND DRI	SR-16	32092	ECHO
SAINT AUGUSTINE	1027605713	TAKE 5 OIL CHANGE- ST. AUGUSTINE 2	STATE ROAD 16	32092	ECHO
SAINT AUGUSTINE	S129293413	SHELL-FIRST COAST ENERGY #1026	2355 HWY SR 16	32084	Financial Assurance
SAINT AUGUSTINE	S117406517	SOUTHAVEN PUD PHASE 1	INTERSECTION OF N. FRANCIS RD & 9 MILE R		NPDES
SAINT AUGUSTINE	S115814389	WOLFE AGRICULTURAL PONDS	COUNTY ROAD 16A		NPDES
SAINT AUGUSTINE	S121826206	WARDS CREEK AT ARBOR MILL	6405 C R 16 A		NPDES
SAINT AUGUSTINE	S116551875	SR-16 WATER MAIN INTERCONNECT	SR-16 VERONA WY - WHISPER RIDGE DR		NPDES
SAINT AUGUSTINE	S115814376	SR-16 @ I-95 UTILITY INSTALLATION	WEST OF 2350 HIGHWAY 16 @ I-95 NB		NPDES
SAINT AUGUSTINE	S127730803	WAWA #5361	NW CORNER OF SR 16 AND INMAN RD		NPDES
SAINT AUGUSTINE	S117843228	SR 13/16 CULVERT OVER WARDS CREEK	STATE RD 13 AT STATE RD 16		NPDES
ST AUGUSTINE	S130021647	ACTION AUTO SALES	1974-B SR 16	32084	HAZ WASTE
ST AUGUSTINE	S130076298	A&P AUTOMOTIVE SERVICE POSSIBLE DUP W/ ALLENS' AUTOMOTIVE??)	840 SR 16 A	32084	HAZ WASTE
ST AUGUSTINE	97374260		STATE RT 16		ERNS
ST AUGUSTINE	93206274		2350 SATE ROAD 16 AND I95		ERNS
ST AUGUSTINE	S125068916	16A INVESTMENTS LLC	COUNTY ROAD 16A	32092	SWF/LF
ST AUGUSTINE	S109333307		I-95 NB, SOUTH OF SR 16 (NEAR SR 207 INTERSECTION)		SPILLS
ST AUGUSTINE	S117396482		STATE ROAD 16 AT THE FAIRGROUNDS		SPILLS
ST AUGUSTINE	S120045971		INTERNATIONAL GOLF PKWY		SPILLS
ST AUGUSTINE	S127970921		PACETTI ROAD & TERRACINA DR		SPILLS
ST AUGUSTINE	1024719734	SHOPPES OF MURABELLA - PHASE	SR-16 & PACETTI RD	32092	ECHO
ST AUGUSTINE	S127757426	SILVEX - SILVEX	SR 16, 1 MILE WEST OF INTERNATIONAL GOLF PARKWAY	32092	PFAS
ST AUGUSTINE	S116756138	WOLFE RANCH	SR 16 & SR 16A		NPDES
ST. AUGUSTINE	9157876		ON HWY 16	32084	ERNS
ST. JOHNS COUNTY	2009906722		INTERSECTION OF ST. FRANCIS		ERNS
ST. JOHNS COUNTY	S109008209		STATE ROAD 16 - 1/4 MILE WEST OF STATE ROAD 13		SPILLS

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

To maintain currency of the following federal and state databases, EDR contacts the appropriate governmental agency on a monthly or quarterly basis, as required.

Number of Days to Update: Provides confirmation that EDR is reporting records that have been updated within 90 days from the date the government agency made the information available to the public.

STANDARD ENVIRONMENTAL RECORDS

Lists of Federal NPL (Superfund) sites

NPL: National Priority List

National Priorities List (Superfund). The NPL is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund Program. NPL sites may encompass relatively large areas. As such, EDR provides polygon coverage for over 1,000 NPL site boundaries produced by EPA's Environmental Photographic Interpretation Center (EPIC) and regional EPA offices.

Date of Government Version: 06/22/2023	Source: EPA
Date Data Arrived at EDR: 07/06/2023	Telephone: N/A
Date Made Active in Reports: 07/24/2023	Last EDR Contact: 09/01/2023
Number of Days to Update: 18	Next Scheduled EDR Contact: 10/09/2023
	Data Release Frequency: Quarterly

NPL Site Boundaries

Sources:

EPA's Environmental Photographic Interpretation Center (EPIC)
Telephone: 202-564-7333

EPA Region 1
Telephone 617-918-1143

EPA Region 6
Telephone: 214-655-6659

EPA Region 3
Telephone 215-814-5418

EPA Region 7
Telephone: 913-551-7247

EPA Region 4
Telephone 404-562-8033

EPA Region 8
Telephone: 303-312-6774

EPA Region 5
Telephone 312-886-6686

EPA Region 9
Telephone: 415-947-4246

EPA Region 10
Telephone 206-553-8665

Proposed NPL: Proposed National Priority List Sites

A site that has been proposed for listing on the National Priorities List through the issuance of a proposed rule in the Federal Register. EPA then accepts public comments on the site, responds to the comments, and places on the NPL those sites that continue to meet the requirements for listing.

Date of Government Version: 06/22/2023	Source: EPA
Date Data Arrived at EDR: 07/06/2023	Telephone: N/A
Date Made Active in Reports: 07/24/2023	Last EDR Contact: 09/01/2023
Number of Days to Update: 18	Next Scheduled EDR Contact: 10/09/2023
	Data Release Frequency: Quarterly

NPL LIENS: Federal Superfund Liens

Federal Superfund Liens. Under the authority granted the USEPA by CERCLA of 1980, the USEPA has the authority to file liens against real property in order to recover remedial action expenditures or when the property owner received notification of potential liability. USEPA compiles a listing of filed notices of Superfund Liens.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 10/15/1991
Date Data Arrived at EDR: 02/02/1994
Date Made Active in Reports: 03/30/1994
Number of Days to Update: 56

Source: EPA
Telephone: 202-564-4267
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: No Update Planned

Lists of Federal Delisted NPL sites

Delisted NPL: National Priority List Deletions

The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) establishes the criteria that the EPA uses to delete sites from the NPL. In accordance with 40 CFR 300.425(e), sites may be deleted from the NPL where no further response is appropriate.

Date of Government Version: 06/22/2023
Date Data Arrived at EDR: 07/06/2023
Date Made Active in Reports: 07/24/2023
Number of Days to Update: 18

Source: EPA
Telephone: N/A
Last EDR Contact: 09/01/2023
Next Scheduled EDR Contact: 10/09/2023
Data Release Frequency: Quarterly

Lists of Federal sites subject to CERCLA removals and CERCLA orders

FEDERAL FACILITY: Federal Facility Site Information listing

A listing of National Priority List (NPL) and Base Realignment and Closure (BRAC) sites found in the Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS) Database where EPA Federal Facilities Restoration and Reuse Office is involved in cleanup activities.

Date of Government Version: 06/23/2023
Date Data Arrived at EDR: 06/23/2023
Date Made Active in Reports: 09/20/2023
Number of Days to Update: 89

Source: Environmental Protection Agency
Telephone: 703-603-8704
Last EDR Contact: 09/26/2023
Next Scheduled EDR Contact: 01/08/2024
Data Release Frequency: Varies

SEMS: Superfund Enterprise Management System

SEMS (Superfund Enterprise Management System) tracks hazardous waste sites, potentially hazardous waste sites, and remedial activities performed in support of EPA's Superfund Program across the United States. The list was formerly known as CERCLIS, renamed to SEMS by the EPA in 2015. The list contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). This dataset also contains sites which are either proposed to or on the National Priorities List (NPL) and the sites which are in the screening and assessment phase for possible inclusion on the NPL.

Date of Government Version: 06/22/2023
Date Data Arrived at EDR: 07/06/2023
Date Made Active in Reports: 07/24/2023
Number of Days to Update: 18

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 09/01/2023
Next Scheduled EDR Contact: 10/23/2023
Data Release Frequency: Quarterly

Lists of Federal CERCLA sites with NFRAP

SEMS-ARCHIVE: Superfund Enterprise Management System Archive

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

SEMS-ARCHIVE (Superfund Enterprise Management System Archive) tracks sites that have no further interest under the Federal Superfund Program based on available information. The list was formerly known as the CERCLIS-NFRAP, renamed to SEMS ARCHIVE by the EPA in 2015. EPA may perform a minimal level of assessment work at a site while it is archived if site conditions change and/or new information becomes available. Archived sites have been removed and archived from the inventory of SEMS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list the site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. The decision does not necessarily mean that there is no hazard associated with a given site; it only means that, based upon available information, the location is not judged to be potential NPL site.

Date of Government Version: 06/22/2023	Source: EPA
Date Data Arrived at EDR: 07/06/2023	Telephone: 800-424-9346
Date Made Active in Reports: 07/24/2023	Last EDR Contact: 09/01/2023
Number of Days to Update: 18	Next Scheduled EDR Contact: 10/23/2023
	Data Release Frequency: Quarterly

Lists of Federal RCRA facilities undergoing Corrective Action

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 07/24/2023	Source: EPA
Date Data Arrived at EDR: 07/31/2023	Telephone: 800-424-9346
Date Made Active in Reports: 08/14/2023	Last EDR Contact: 09/20/2023
Number of Days to Update: 14	Next Scheduled EDR Contact: 01/01/2024
	Data Release Frequency: Quarterly

Lists of Federal RCRA TSD facilities

RCRA-TSDF: RCRA - Treatment, Storage and Disposal

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Transporters are individuals or entities that move hazardous waste from the generator offsite to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste.

Date of Government Version: 07/24/2023	Source: Environmental Protection Agency
Date Data Arrived at EDR: 07/31/2023	Telephone: (404) 562-8651
Date Made Active in Reports: 08/14/2023	Last EDR Contact: 09/20/2023
Number of Days to Update: 14	Next Scheduled EDR Contact: 01/01/2024
	Data Release Frequency: Quarterly

Lists of Federal RCRA generators

RCRA-LQG: RCRA - Large Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Large quantity generators (LQGs) generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month.

Date of Government Version: 07/24/2023	Source: Environmental Protection Agency
Date Data Arrived at EDR: 07/31/2023	Telephone: (404) 562-8651
Date Made Active in Reports: 08/14/2023	Last EDR Contact: 09/20/2023
Number of Days to Update: 14	Next Scheduled EDR Contact: 01/01/2024
	Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

RCRA-SQG: RCRA - Small Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month.

Date of Government Version: 07/24/2023	Source: Environmental Protection Agency
Date Data Arrived at EDR: 07/31/2023	Telephone: (404) 562-8651
Date Made Active in Reports: 08/14/2023	Last EDR Contact: 09/20/2023
Number of Days to Update: 14	Next Scheduled EDR Contact: 01/01/2024
	Data Release Frequency: Quarterly

RCRA-VSQG: RCRA - Very Small Quantity Generators (Formerly Conditionally Exempt Small Quantity Generators)

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Very small quantity generators (VSQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month.

Date of Government Version: 07/24/2023	Source: Environmental Protection Agency
Date Data Arrived at EDR: 07/31/2023	Telephone: (404) 562-8651
Date Made Active in Reports: 08/14/2023	Last EDR Contact: 09/20/2023
Number of Days to Update: 14	Next Scheduled EDR Contact: 01/01/2024
	Data Release Frequency: Quarterly

Federal institutional controls / engineering controls registries

LUCIS: Land Use Control Information System

LUCIS contains records of land use control information pertaining to the former Navy Base Realignment and Closure properties.

Date of Government Version: 05/25/2023	Source: Department of the Navy
Date Data Arrived at EDR: 05/31/2023	Telephone: 843-820-7326
Date Made Active in Reports: 07/24/2023	Last EDR Contact: 08/02/2023
Number of Days to Update: 54	Next Scheduled EDR Contact: 11/20/2023
	Data Release Frequency: Varies

US ENG CONTROLS: Engineering Controls Sites List

A listing of sites with engineering controls in place. Engineering controls include various forms of caps, building foundations, liners, and treatment methods to create pathway elimination for regulated substances to enter environmental media or effect human health.

Date of Government Version: 05/22/2023	Source: Environmental Protection Agency
Date Data Arrived at EDR: 05/23/2023	Telephone: 703-603-0695
Date Made Active in Reports: 07/24/2023	Last EDR Contact: 08/21/2023
Number of Days to Update: 62	Next Scheduled EDR Contact: 12/04/2023
	Data Release Frequency: Varies

US INST CONTROLS: Institutional Controls Sites List

A listing of sites with institutional controls in place. Institutional controls include administrative measures, such as groundwater use restrictions, construction restrictions, property use restrictions, and post remediation care requirements intended to prevent exposure to contaminants remaining on site. Deed restrictions are generally required as part of the institutional controls.

Date of Government Version: 05/22/2023	Source: Environmental Protection Agency
Date Data Arrived at EDR: 05/23/2023	Telephone: 703-603-0695
Date Made Active in Reports: 07/24/2023	Last EDR Contact: 08/21/2023
Number of Days to Update: 62	Next Scheduled EDR Contact: 12/04/2023
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Federal ERNS list

ERNS: Emergency Response Notification System

Emergency Response Notification System. ERNS records and stores information on reported releases of oil and hazardous substances.

Date of Government Version: 06/12/2023

Date Data Arrived at EDR: 06/20/2023

Date Made Active in Reports: 08/14/2023

Number of Days to Update: 55

Source: National Response Center, United States Coast Guard

Telephone: 202-267-2180

Last EDR Contact: 09/20/2023

Next Scheduled EDR Contact: 01/01/2024

Data Release Frequency: Quarterly

Lists of state- and tribal hazardous waste facilities

SHWS: Florida's State-Funded Action Sites

State Hazardous Waste Sites. State hazardous waste site records are the states' equivalent to CERCLIS. These sites may or may not already be listed on the federal CERCLIS list. Priority sites planned for cleanup using state funds (state equivalent of Superfund) are identified along with sites where cleanup will be paid for by potentially responsible parties. Available information varies by state.

Date of Government Version: 02/09/2023

Date Data Arrived at EDR: 02/14/2023

Date Made Active in Reports: 05/09/2023

Number of Days to Update: 84

Source: Department of Environmental Protection

Telephone: 850-488-0190

Last EDR Contact: 08/18/2023

Next Scheduled EDR Contact: 11/17/2023

Data Release Frequency: Semi-Annually

Lists of state and tribal landfills and solid waste disposal facilities

SWF/LF: Solid Waste Facility Database

Solid Waste Facilities/Landfill Sites. SWF/LF type records typically contain an inventory of solid waste disposal facilities or landfills in a particular state. Depending on the state, these may be active or inactive facilities or open dumps that failed to meet RCRA Subtitle D Section 4004 criteria for solid waste landfills or disposal sites.

Date of Government Version: 07/10/2023

Date Data Arrived at EDR: 07/10/2023

Date Made Active in Reports: 09/28/2023

Number of Days to Update: 80

Source: Department of Environmental Protection

Telephone: 850-922-7121

Last EDR Contact: 07/10/2023

Next Scheduled EDR Contact: 10/23/2023

Data Release Frequency: Quarterly

Lists of state and tribal leaking storage tanks

LAST: Leaking Aboveground Storage Tank Listing

The file for Leaking Aboveground Storage Tanks. Please remember STCM does not track the source of the discharge so the agency provides a list of facilities with an aboveground tank and an open discharge split by facilities with aboveground tanks only and facilities with aboveground and underground tanks.

Date of Government Version: 04/24/2023

Date Data Arrived at EDR: 04/25/2023

Date Made Active in Reports: 07/17/2023

Number of Days to Update: 83

Source: Department of Environmental Protection

Telephone: 850-245-8799

Last EDR Contact: 07/25/2023

Next Scheduled EDR Contact: 11/06/2023

Data Release Frequency: Varies

LUST: Petroleum Contamination Detail Report

Leaking Underground Storage Tank Incident Reports. LUST records contain an inventory of reported leaking underground storage tank incidents. Not all states maintain these records, and the information stored varies by state.

Date of Government Version: 04/24/2023

Date Data Arrived at EDR: 04/25/2023

Date Made Active in Reports: 07/18/2023

Number of Days to Update: 84

Source: Department of Environmental Protection

Telephone: 850-245-8839

Last EDR Contact: 07/25/2023

Next Scheduled EDR Contact: 11/06/2023

Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

INDIAN LUST R10: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Alaska, Idaho, Oregon and Washington.

Date of Government Version: 04/20/2023	Source: EPA Region 10
Date Data Arrived at EDR: 05/09/2023	Telephone: 206-553-2857
Date Made Active in Reports: 07/14/2023	Last EDR Contact: 07/17/2023
Number of Days to Update: 66	Next Scheduled EDR Contact: 10/30/2023
	Data Release Frequency: Varies

INDIAN LUST R4: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Florida, Mississippi and North Carolina.

Date of Government Version: 04/20/2023	Source: EPA Region 4
Date Data Arrived at EDR: 05/09/2023	Telephone: 404-562-8677
Date Made Active in Reports: 07/14/2023	Last EDR Contact: 05/09/2023
Number of Days to Update: 66	Next Scheduled EDR Contact: 10/30/2023
	Data Release Frequency: Varies

INDIAN LUST R7: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Iowa, Kansas, and Nebraska

Date of Government Version: 04/25/2023	Source: EPA Region 7
Date Data Arrived at EDR: 05/09/2023	Telephone: 913-551-7003
Date Made Active in Reports: 07/14/2023	Last EDR Contact: 07/17/2023
Number of Days to Update: 66	Next Scheduled EDR Contact: 10/30/2023
	Data Release Frequency: Varies

INDIAN LUST R1: Leaking Underground Storage Tanks on Indian Land
A listing of leaking underground storage tank locations on Indian Land.

Date of Government Version: 04/20/2023	Source: EPA Region 1
Date Data Arrived at EDR: 05/09/2023	Telephone: 617-918-1313
Date Made Active in Reports: 07/14/2023	Last EDR Contact: 07/17/2023
Number of Days to Update: 66	Next Scheduled EDR Contact: 10/30/2023
	Data Release Frequency: Varies

INDIAN LUST R9: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Arizona, California, New Mexico and Nevada

Date of Government Version: 04/19/2023	Source: Environmental Protection Agency
Date Data Arrived at EDR: 05/09/2023	Telephone: 415-972-3372
Date Made Active in Reports: 07/14/2023	Last EDR Contact: 07/17/2023
Number of Days to Update: 66	Next Scheduled EDR Contact: 10/30/2023
	Data Release Frequency: Varies

INDIAN LUST R5: Leaking Underground Storage Tanks on Indian Land
Leaking underground storage tanks located on Indian Land in Michigan, Minnesota and Wisconsin.

Date of Government Version: 04/14/2023	Source: EPA, Region 5
Date Data Arrived at EDR: 05/09/2023	Telephone: 312-886-7439
Date Made Active in Reports: 07/14/2023	Last EDR Contact: 07/17/2023
Number of Days to Update: 66	Next Scheduled EDR Contact: 10/30/2023
	Data Release Frequency: Varies

INDIAN LUST R6: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in New Mexico and Oklahoma.

Date of Government Version: 04/26/2023	Source: EPA Region 6
Date Data Arrived at EDR: 05/09/2023	Telephone: 214-665-6597
Date Made Active in Reports: 07/14/2023	Last EDR Contact: 07/17/2023
Number of Days to Update: 66	Next Scheduled EDR Contact: 10/30/2023
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

INDIAN LUST R8: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Colorado, Montana, North Dakota, South Dakota, Utah and Wyoming.

Date of Government Version: 04/19/2023

Date Data Arrived at EDR: 05/09/2023

Date Made Active in Reports: 07/14/2023

Number of Days to Update: 66

Source: EPA Region 8

Telephone: 303-312-6271

Last EDR Contact: 07/17/2023

Next Scheduled EDR Contact: 10/30/2023

Data Release Frequency: Varies

Lists of state and tribal registered storage tanks

FEMA UST: Underground Storage Tank Listing

A listing of all FEMA owned underground storage tanks.

Date of Government Version: 03/08/2023

Date Data Arrived at EDR: 03/09/2023

Date Made Active in Reports: 05/30/2023

Number of Days to Update: 82

Source: FEMA

Telephone: 202-646-5797

Last EDR Contact: 09/27/2023

Next Scheduled EDR Contact: 01/15/2024

Data Release Frequency: Varies

FF TANKS: Federal Facilities Listing

A listing of federal facilities with storage tanks.

Date of Government Version: 06/15/2023

Date Data Arrived at EDR: 06/15/2023

Date Made Active in Reports: 09/06/2023

Number of Days to Update: 83

Source: Department of Environmental Protection

Telephone: 850-245-8250

Last EDR Contact: 09/20/2023

Next Scheduled EDR Contact: 01/01/2024

Data Release Frequency: Quarterly

UST: Storage Tank Facility Information

Registered Underground Storage Tanks. UST's are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA) and must be registered with the state department responsible for administering the UST program. Available information varies by state program.

Date of Government Version: 05/11/2023

Date Data Arrived at EDR: 05/11/2023

Date Made Active in Reports: 08/02/2023

Number of Days to Update: 83

Source: Department of Environmental Protection

Telephone: 850-245-8839

Last EDR Contact: 07/19/2023

Next Scheduled EDR Contact: 11/06/2023

Data Release Frequency: Quarterly

AST: Storage Tank Facility Information

Registered Aboveground Storage Tanks.

Date of Government Version: 05/11/2023

Date Data Arrived at EDR: 05/11/2023

Date Made Active in Reports: 08/02/2023

Number of Days to Update: 83

Source: Department of Environmental Protection

Telephone: 850-245-8839

Last EDR Contact: 07/19/2023

Next Scheduled EDR Contact: 11/06/2023

Data Release Frequency: Quarterly

INDIAN UST R4: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 4 (Alabama, Florida, Georgia, Kentucky, Mississippi, North Carolina, South Carolina, Tennessee and Tribal Nations)

Date of Government Version: 04/20/2023

Date Data Arrived at EDR: 05/09/2023

Date Made Active in Reports: 07/14/2023

Number of Days to Update: 66

Source: EPA Region 4

Telephone: 404-562-9424

Last EDR Contact: 07/17/2023

Next Scheduled EDR Contact: 10/30/2023

Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

INDIAN UST R9: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 9 (Arizona, California, Hawaii, Nevada, the Pacific Islands, and Tribal Nations).

Date of Government Version: 04/19/2023	Source: EPA Region 9
Date Data Arrived at EDR: 05/09/2023	Telephone: 415-972-3368
Date Made Active in Reports: 07/14/2023	Last EDR Contact: 07/17/2023
Number of Days to Update: 66	Next Scheduled EDR Contact: 10/30/2023
	Data Release Frequency: Varies

INDIAN UST R7: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 7 (Iowa, Kansas, Missouri, Nebraska, and 9 Tribal Nations).

Date of Government Version: 04/25/2023	Source: EPA Region 7
Date Data Arrived at EDR: 05/09/2023	Telephone: 913-551-7003
Date Made Active in Reports: 07/14/2023	Last EDR Contact: 07/17/2023
Number of Days to Update: 66	Next Scheduled EDR Contact: 10/30/2023
	Data Release Frequency: Varies

INDIAN UST R1: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 1 (Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, Vermont and ten Tribal Nations).

Date of Government Version: 04/20/2023	Source: EPA, Region 1
Date Data Arrived at EDR: 05/09/2023	Telephone: 617-918-1313
Date Made Active in Reports: 07/14/2023	Last EDR Contact: 07/17/2023
Number of Days to Update: 66	Next Scheduled EDR Contact: 10/30/2023
	Data Release Frequency: Varies

INDIAN UST R5: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 5 (Michigan, Minnesota and Wisconsin and Tribal Nations).

Date of Government Version: 04/14/2023	Source: EPA Region 5
Date Data Arrived at EDR: 05/09/2023	Telephone: 312-886-6136
Date Made Active in Reports: 07/14/2023	Last EDR Contact: 07/17/2023
Number of Days to Update: 66	Next Scheduled EDR Contact: 10/30/2023
	Data Release Frequency: Varies

INDIAN UST R6: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 6 (Louisiana, Arkansas, Oklahoma, New Mexico, Texas and 65 Tribes).

Date of Government Version: 04/26/2023	Source: EPA Region 6
Date Data Arrived at EDR: 05/09/2023	Telephone: 214-665-7591
Date Made Active in Reports: 07/14/2023	Last EDR Contact: 07/17/2023
Number of Days to Update: 66	Next Scheduled EDR Contact: 10/30/2023
	Data Release Frequency: Varies

INDIAN UST R10: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 10 (Alaska, Idaho, Oregon, Washington, and Tribal Nations).

Date of Government Version: 04/20/2023	Source: EPA Region 10
Date Data Arrived at EDR: 05/09/2023	Telephone: 206-553-2857
Date Made Active in Reports: 07/14/2023	Last EDR Contact: 07/17/2023
Number of Days to Update: 66	Next Scheduled EDR Contact: 10/30/2023
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

INDIAN UST R8: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 8 (Colorado, Montana, North Dakota, South Dakota, Utah, Wyoming and 27 Tribal Nations).

Date of Government Version: 04/20/2023	Source: EPA Region 8
Date Data Arrived at EDR: 05/09/2023	Telephone: 303-312-6137
Date Made Active in Reports: 07/14/2023	Last EDR Contact: 07/17/2023
Number of Days to Update: 66	Next Scheduled EDR Contact: 10/30/2023
	Data Release Frequency: Varies

TANKS: Storage Tank Facility List

This listing includes storage tank facilities that do not have tank information. The tanks have either be closed or removed from the site, but the facilities were still registered at some point in history.

Date of Government Version: 05/11/2023	Source: Department of Environmental Protection
Date Data Arrived at EDR: 05/11/2023	Telephone: 850-245-8841
Date Made Active in Reports: 08/01/2023	Last EDR Contact: 07/19/2023
Number of Days to Update: 82	Next Scheduled EDR Contact: 11/06/2023
	Data Release Frequency: Quarterly

State and tribal institutional control / engineering control registries

ENG CONTROLS: Institutional Controls Registry

The registry is a database of all contaminated sites in the state of Florida which are subject to engineering controls. Engineering Controls encompass a variety of engineered remedies to contain and/or reduce contamination, and/or physical barriers intended to limit access to property. ECs include fences, signs, guards, landfill caps, provision of potable water, slurry walls, sheet pile (vertical caps), pumping and treatment of groundwater, monitoring wells, and vapor extraction systems.

Date of Government Version: 06/23/2023	Source: Department of Environmental Protection
Date Data Arrived at EDR: 06/23/2023	Telephone: 850-245-8927
Date Made Active in Reports: 09/12/2023	Last EDR Contact: 09/26/2023
Number of Days to Update: 81	Next Scheduled EDR Contact: 01/08/2024
	Data Release Frequency: Semi-Annually

Inst Control: Institutional Controls Registry

The registry is a database of all contaminated sites in the state of Florida which are subject to institutional and engineering controls.

Date of Government Version: 06/23/2023	Source: Department of Environmental Protection
Date Data Arrived at EDR: 06/23/2023	Telephone: 850-245-8927
Date Made Active in Reports: 09/12/2023	Last EDR Contact: 09/26/2023
Number of Days to Update: 81	Next Scheduled EDR Contact: 01/08/2024
	Data Release Frequency: Semi-Annually

Lists of state and tribal voluntary cleanup sites

INDIAN VCP R1: Voluntary Cleanup Priority Listing

A listing of voluntary cleanup priority sites located on Indian Land located in Region 1.

Date of Government Version: 07/27/2015	Source: EPA, Region 1
Date Data Arrived at EDR: 09/29/2015	Telephone: 617-918-1102
Date Made Active in Reports: 02/18/2016	Last EDR Contact: 09/12/2023
Number of Days to Update: 142	Next Scheduled EDR Contact: 01/01/2024
	Data Release Frequency: Varies

VCP: Voluntary Cleanup Sites

Listing of closed and active voluntary cleanup sites.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 07/01/2022
Date Data Arrived at EDR: 08/11/2022
Date Made Active in Reports: 11/02/2022
Number of Days to Update: 83

Source: Department of Environmental Protection
Telephone: 850-245-8705
Last EDR Contact: 08/18/2023
Next Scheduled EDR Contact: 11/27/2023
Data Release Frequency: Varies

INDIAN VCP R7: Voluntary Cleanup Priority Listing

A listing of voluntary cleanup priority sites located on Indian Land located in Region 7.

Date of Government Version: 03/20/2008
Date Data Arrived at EDR: 04/22/2008
Date Made Active in Reports: 05/19/2008
Number of Days to Update: 27

Source: EPA, Region 7
Telephone: 913-551-7365
Last EDR Contact: 07/08/2021
Next Scheduled EDR Contact: 07/20/2009
Data Release Frequency: Varies

Lists of state and tribal brownfield sites

BSRA: Brownfield Site Rehabilitation Agreements Listing

The BSRA provides DEP and the public assurance that site rehabilitation will be conducted in accordance with Florida Statutes and DEP's Contaminated Site Cleanup Criteria rule. In addition, the BSRA provides limited liability protection for the voluntary responsible party. The BSRA contains various commitments by the voluntary responsible party, including milestones for completion of site rehabilitation tasks and submittal of technical reports and plans. It also contains a commitment by DEP to review technical reports according to an agreed upon schedule. Only those brownfield sites with an executed BSRA are eligible to apply for a voluntary cleanup tax credit incentive pursuant to Section 376.30781, Florida Statutes.

Date of Government Version: 05/09/2023
Date Data Arrived at EDR: 06/23/2023
Date Made Active in Reports: 09/12/2023
Number of Days to Update: 81

Source: Department of Environmental Protection
Telephone: 850-245-8934
Last EDR Contact: 09/26/2023
Next Scheduled EDR Contact: 01/08/2024
Data Release Frequency: Varies

BROWNFIELDS: Brownfields Sites Database

Brownfields are defined by the Florida Department of Environmental Protection (FDEP) as abandoned, idled, or underused industrial and commercial facilities where expansion or redevelopment is complicated by real or perceived environmental contamination.

Date of Government Version: 03/08/2023
Date Data Arrived at EDR: 03/28/2023
Date Made Active in Reports: 06/15/2023
Number of Days to Update: 79

Source: Department of Environmental Protection
Telephone: 850-245-8927
Last EDR Contact: 09/28/2023
Next Scheduled EDR Contact: 01/08/2024
Data Release Frequency: Semi-Annually

BROWNFIELDS AREAS: Brownfields Areas Database

A "brownfield area" means a contiguous area of one or more brownfield sites, some of which may not be contaminated, that has been designated as such by a local government resolution. Such areas may include all or portions of community redevelopment areas, enterprise zones, empowerment zones, other such designated economically deprived communities and areas, and Environmental Protection Agency (EPA) designated brownfield pilot projects. This layer provides a polygon representation of the boundaries of these designated Brownfield Areas in Florida.

Date of Government Version: 04/21/2023
Date Data Arrived at EDR: 06/23/2023
Date Made Active in Reports: 09/12/2023
Number of Days to Update: 81

Source: Department of Environmental Protection
Telephone: 850-245-8934
Last EDR Contact: 09/26/2023
Next Scheduled EDR Contact: 01/08/2024
Data Release Frequency: Quarterly

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

US BROWNFIELDS: A Listing of Brownfields Sites

Brownfields are real property, the expansion, redevelopment, or reuse of which may be complicated by the presence or potential presence of a hazardous substance, pollutant, or contaminant. Cleaning up and reinvesting in these properties takes development pressures off of undeveloped, open land, and both improves and protects the environment. Assessment, Cleanup and Redevelopment Exchange System (ACRES) stores information reported by EPA Brownfields grant recipients on brownfields properties assessed or cleaned up with grant funding as well as information on Targeted Brownfields Assessments performed by EPA Regions. A listing of ACRES Brownfield sites is obtained from Cleanups in My Community. Cleanups in My Community provides information on Brownfields properties for which information is reported back to EPA, as well as areas served by Brownfields grant programs.

Date of Government Version: 04/06/2023	Source: Environmental Protection Agency
Date Data Arrived at EDR: 04/13/2023	Telephone: 202-566-2777
Date Made Active in Reports: 04/19/2023	Last EDR Contact: 08/30/2023
Number of Days to Update: 6	Next Scheduled EDR Contact: 12/25/2023
	Data Release Frequency: Semi-Annually

Local Lists of Landfill / Solid Waste Disposal Sites

SWRCY: Recycling Centers

A listing of recycling centers located in the state of Florida.

Date of Government Version: 12/20/2022	Source: Department of Environmental Protection
Date Data Arrived at EDR: 01/10/2023	Telephone: 850-245-8718
Date Made Active in Reports: 03/27/2023	Last EDR Contact: 07/13/2023
Number of Days to Update: 76	Next Scheduled EDR Contact: 10/23/2023
	Data Release Frequency: Varies

INDIAN ODI: Report on the Status of Open Dumps on Indian Lands

Location of open dumps on Indian land.

Date of Government Version: 12/31/1998	Source: Environmental Protection Agency
Date Data Arrived at EDR: 12/03/2007	Telephone: 703-308-8245
Date Made Active in Reports: 01/24/2008	Last EDR Contact: 07/19/2023
Number of Days to Update: 52	Next Scheduled EDR Contact: 11/06/2023
	Data Release Frequency: Varies

ODI: Open Dump Inventory

An open dump is defined as a disposal facility that does not comply with one or more of the Part 257 or Part 258 Subtitle D Criteria.

Date of Government Version: 06/30/1985	Source: Environmental Protection Agency
Date Data Arrived at EDR: 08/09/2004	Telephone: 800-424-9346
Date Made Active in Reports: 09/17/2004	Last EDR Contact: 06/09/2004
Number of Days to Update: 39	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations

A listing of illegal dump sites location on the Torres Martinez Indian Reservation located in eastern Riverside County and northern Imperial County, California.

Date of Government Version: 01/12/2009	Source: EPA, Region 9
Date Data Arrived at EDR: 05/07/2009	Telephone: 415-947-4219
Date Made Active in Reports: 09/21/2009	Last EDR Contact: 07/11/2023
Number of Days to Update: 137	Next Scheduled EDR Contact: 10/30/2023
	Data Release Frequency: No Update Planned

IHS OPEN DUMPS: Open Dumps on Indian Land

A listing of all open dumps located on Indian Land in the United States.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 04/01/2014
Date Data Arrived at EDR: 08/06/2014
Date Made Active in Reports: 01/29/2015
Number of Days to Update: 176

Source: Department of Health & Human Services, Indian Health Service
Telephone: 301-443-1452
Last EDR Contact: 07/27/2023
Next Scheduled EDR Contact: 11/13/2023
Data Release Frequency: Varies

Local Lists of Hazardous waste / Contaminated Sites

US HIST CDL: National Clandestine Laboratory Register

A listing of clandestine drug lab locations that have been removed from the DEAs National Clandestine Laboratory Register.

Date of Government Version: 05/22/2023
Date Data Arrived at EDR: 05/23/2023
Date Made Active in Reports: 07/10/2023
Number of Days to Update: 48

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 08/21/2023
Next Scheduled EDR Contact: 12/04/2023
Data Release Frequency: No Update Planned

PRIORITYCLEANERS: Priority Ranking List

The Florida Legislature has established a state-funded program to cleanup properties that are contaminated as a result of the operations of a drycleaning facility.

Date of Government Version: 03/16/2023
Date Data Arrived at EDR: 05/08/2023
Date Made Active in Reports: 08/02/2023
Number of Days to Update: 86

Source: Department of Environmental Protection
Telephone: 850-245-8927
Last EDR Contact: 08/08/2023
Next Scheduled EDR Contact: 11/20/2023
Data Release Frequency: Varies

FL SITES: Sites List

This summary status report was developed from a number of lists including the Eckhardt list, the Moffitt list, the EPA Hazardous Waste Sites list, EPA's Emergency & Remedial Response information System list (RCRA Section 3012) & existing department lists such as the obsolete uncontrolled Hazardous Waste Sites list. This list is no longer updated.

Date of Government Version: 12/31/1989
Date Data Arrived at EDR: 05/09/1994
Date Made Active in Reports: 08/04/1994
Number of Days to Update: 87

Source: Department of Environmental Protection
Telephone: 850-245-8705
Last EDR Contact: 03/24/1994
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

US CDL: Clandestine Drug Labs

A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments.

Date of Government Version: 05/22/2023
Date Data Arrived at EDR: 05/23/2023
Date Made Active in Reports: 07/10/2023
Number of Days to Update: 48

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 08/21/2023
Next Scheduled EDR Contact: 12/04/2023
Data Release Frequency: Quarterly

Local Land Records

LIENS 2: CERCLA Lien Information

A Federal CERCLA ('Superfund') lien can exist by operation of law at any site or property at which EPA has spent Superfund monies. These monies are spent to investigate and address releases and threatened releases of contamination. CERCLIS provides information as to the identity of these sites and properties.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 06/22/2023
Date Data Arrived at EDR: 07/06/2023
Date Made Active in Reports: 07/24/2023
Number of Days to Update: 18

Source: Environmental Protection Agency
Telephone: 202-564-6023
Last EDR Contact: 09/01/2023
Next Scheduled EDR Contact: 10/09/2023
Data Release Frequency: Semi-Annually

Records of Emergency Release Reports

HMIRS: Hazardous Materials Information Reporting System

Hazardous Materials Incident Report System. HMIRS contains hazardous material spill incidents reported to DOT.

Date of Government Version: 06/19/2023
Date Data Arrived at EDR: 06/23/2023
Date Made Active in Reports: 09/20/2023
Number of Days to Update: 89

Source: U.S. Department of Transportation
Telephone: 202-366-4555
Last EDR Contact: 09/20/2023
Next Scheduled EDR Contact: 01/01/2024
Data Release Frequency: Quarterly

SPILLS: Oil and Hazardous Materials Incidents

Statewide oil and hazardous materials inland incidents.

Date of Government Version: 06/27/2023
Date Data Arrived at EDR: 06/28/2023
Date Made Active in Reports: 09/14/2023
Number of Days to Update: 78

Source: Department of Environmental Protection
Telephone: 850-245-2010
Last EDR Contact: 09/27/2023
Next Scheduled EDR Contact: 01/15/2024
Data Release Frequency: Semi-Annually

Other Ascertainable Records

RCRA NonGen / NLR: RCRA - Non Generators / No Longer Regulated

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste.

Date of Government Version: 07/24/2023
Date Data Arrived at EDR: 07/31/2023
Date Made Active in Reports: 08/14/2023
Number of Days to Update: 14

Source: Environmental Protection Agency
Telephone: (404) 562-8651
Last EDR Contact: 09/20/2023
Next Scheduled EDR Contact: 01/01/2024
Data Release Frequency: Quarterly

FUDS: Formerly Used Defense Sites

The listing includes locations of Formerly Used Defense Sites properties where the US Army Corps of Engineers is actively working or will take necessary cleanup actions.

Date of Government Version: 05/08/2023
Date Data Arrived at EDR: 05/16/2023
Date Made Active in Reports: 07/10/2023
Number of Days to Update: 55

Source: U.S. Army Corps of Engineers
Telephone: 202-528-4285
Last EDR Contact: 08/15/2023
Next Scheduled EDR Contact: 11/27/2023
Data Release Frequency: Varies

DOD: Department of Defense Sites

This data set consists of federally owned or administered lands, administered by the Department of Defense, that have any area equal to or greater than 640 acres of the United States, Puerto Rico, and the U.S. Virgin Islands.

Date of Government Version: 06/07/2021
Date Data Arrived at EDR: 07/13/2021
Date Made Active in Reports: 03/09/2022
Number of Days to Update: 239

Source: USGS
Telephone: 888-275-8747
Last EDR Contact: 07/10/2023
Next Scheduled EDR Contact: 10/23/2023
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

FEDLAND: Federal and Indian Lands

Federally and Indian administrated lands of the United States. Lands included are administrated by: Army Corps of Engineers, Bureau of Reclamation, National Wild and Scenic River, National Wildlife Refuge, Public Domain Land, Wilderness, Wilderness Study Area, Wildlife Management Area, Bureau of Indian Affairs, Bureau of Land Management, Department of Justice, Forest Service, Fish and Wildlife Service, National Park Service.

Date of Government Version: 04/02/2018	Source: U.S. Geological Survey
Date Data Arrived at EDR: 04/11/2018	Telephone: 888-275-8747
Date Made Active in Reports: 11/06/2019	Last EDR Contact: 07/05/2023
Number of Days to Update: 574	Next Scheduled EDR Contact: 10/16/2023
	Data Release Frequency: N/A

SCRD DRYCLEANERS: State Coalition for Remediation of Drycleaners Listing

The State Coalition for Remediation of Drycleaners was established in 1998, with support from the U.S. EPA Office of Superfund Remediation and Technology Innovation. It is comprised of representatives of states with established drycleaner remediation programs. Currently the member states are Alabama, Connecticut, Florida, Illinois, Kansas, Minnesota, Missouri, North Carolina, Oregon, South Carolina, Tennessee, Texas, and Wisconsin.

Date of Government Version: 07/30/2021	Source: Environmental Protection Agency
Date Data Arrived at EDR: 02/03/2023	Telephone: 615-532-8599
Date Made Active in Reports: 02/10/2023	Last EDR Contact: 08/01/2023
Number of Days to Update: 7	Next Scheduled EDR Contact: 11/20/2023
	Data Release Frequency: Varies

US FIN ASSUR: Financial Assurance Information

All owners and operators of facilities that treat, store, or dispose of hazardous waste are required to provide proof that they will have sufficient funds to pay for the clean up, closure, and post-closure care of their facilities.

Date of Government Version: 06/19/2023	Source: Environmental Protection Agency
Date Data Arrived at EDR: 06/20/2023	Telephone: 202-566-1917
Date Made Active in Reports: 08/14/2023	Last EDR Contact: 09/20/2023
Number of Days to Update: 55	Next Scheduled EDR Contact: 01/01/2024
	Data Release Frequency: Quarterly

EPA WATCH LIST: EPA WATCH LIST

EPA maintains a "Watch List" to facilitate dialogue between EPA, state and local environmental agencies on enforcement matters relating to facilities with alleged violations identified as either significant or high priority. Being on the Watch List does not mean that the facility has actually violated the law only that an investigation by EPA or a state or local environmental agency has led those organizations to allege that an unproven violation has in fact occurred. Being on the Watch List does not represent a higher level of concern regarding the alleged violations that were detected, but instead indicates cases requiring additional dialogue between EPA, state and local agencies - primarily because of the length of time the alleged violation has gone unaddressed or unresolved.

Date of Government Version: 08/30/2013	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/21/2014	Telephone: 617-520-3000
Date Made Active in Reports: 06/17/2014	Last EDR Contact: 07/31/2023
Number of Days to Update: 88	Next Scheduled EDR Contact: 11/13/2023
	Data Release Frequency: Quarterly

2020 COR ACTION: 2020 Corrective Action Program List

The EPA has set ambitious goals for the RCRA Corrective Action program by creating the 2020 Corrective Action Universe. This RCRA cleanup baseline includes facilities expected to need corrective action. The 2020 universe contains a wide variety of sites. Some properties are heavily contaminated while others were contaminated but have since been cleaned up. Still others have not been fully investigated yet, and may require little or no remediation. Inclusion in the 2020 Universe does not necessarily imply failure on the part of a facility to meet its RCRA obligations.

Date of Government Version: 09/30/2017	Source: Environmental Protection Agency
Date Data Arrived at EDR: 05/08/2018	Telephone: 703-308-4044
Date Made Active in Reports: 07/20/2018	Last EDR Contact: 08/03/2023
Number of Days to Update: 73	Next Scheduled EDR Contact: 11/13/2023
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

TSCA: Toxic Substances Control Act

Toxic Substances Control Act. TSCA identifies manufacturers and importers of chemical substances included on the TSCA Chemical Substance Inventory list. It includes data on the production volume of these substances by plant site.

Date of Government Version: 12/31/2020	Source: EPA
Date Data Arrived at EDR: 06/14/2022	Telephone: 202-260-5521
Date Made Active in Reports: 03/24/2023	Last EDR Contact: 09/15/2023
Number of Days to Update: 283	Next Scheduled EDR Contact: 12/25/2023
	Data Release Frequency: Every 4 Years

TRIS: Toxic Chemical Release Inventory System

Toxic Release Inventory System. TRIS identifies facilities which release toxic chemicals to the air, water and land in reportable quantities under SARA Title III Section 313.

Date of Government Version: 12/31/2021	Source: EPA
Date Data Arrived at EDR: 02/16/2023	Telephone: 202-566-0250
Date Made Active in Reports: 05/02/2023	Last EDR Contact: 08/18/2023
Number of Days to Update: 75	Next Scheduled EDR Contact: 11/27/2023
	Data Release Frequency: Annually

SSTS: Section 7 Tracking Systems

Section 7 of the Federal Insecticide, Fungicide and Rodenticide Act, as amended (92 Stat. 829) requires all registered pesticide-producing establishments to submit a report to the Environmental Protection Agency by March 1st each year. Each establishment must report the types and amounts of pesticides, active ingredients and devices being produced, and those having been produced and sold or distributed in the past year.

Date of Government Version: 04/17/2023	Source: EPA
Date Data Arrived at EDR: 04/18/2023	Telephone: 202-564-4203
Date Made Active in Reports: 07/10/2023	Last EDR Contact: 07/18/2023
Number of Days to Update: 83	Next Scheduled EDR Contact: 10/30/2023
	Data Release Frequency: Annually

ROD: Records Of Decision

Record of Decision. ROD documents mandate a permanent remedy at an NPL (Superfund) site containing technical and health information to aid in the cleanup.

Date of Government Version: 06/22/2023	Source: EPA
Date Data Arrived at EDR: 07/06/2023	Telephone: 703-416-0223
Date Made Active in Reports: 07/24/2023	Last EDR Contact: 09/01/2023
Number of Days to Update: 18	Next Scheduled EDR Contact: 12/11/2023
	Data Release Frequency: Annually

RMP: Risk Management Plans

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

When Congress passed the Clean Air Act Amendments of 1990, it required EPA to publish regulations and guidance for chemical accident prevention at facilities using extremely hazardous substances. The Risk Management Program Rule (RMP Rule) was written to implement Section 112(r) of these amendments. The rule, which built upon existing industry codes and standards, requires companies of all sizes that use certain flammable and toxic substances to develop a Risk Management Program, which includes a(n): Hazard assessment that details the potential effects of an accidental release, an accident history of the last five years, and an evaluation of worst-case and alternative accidental releases; Prevention program that includes safety precautions and maintenance, monitoring, and employee training measures; and Emergency response program that spells out emergency health care, employee training measures and procedures for informing the public and response agencies (e.g the fire department) should an accident occur.

Date of Government Version: 05/09/2023	Source: Environmental Protection Agency
Date Data Arrived at EDR: 06/29/2023	Telephone: 202-564-8600
Date Made Active in Reports: 09/25/2023	Last EDR Contact: 09/26/2023
Number of Days to Update: 88	Next Scheduled EDR Contact: 10/30/2023
	Data Release Frequency: Varies

RAATS: RCRA Administrative Action Tracking System

RCRA Administration Action Tracking System. RAATS contains records based on enforcement actions issued under RCRA pertaining to major violators and includes administrative and civil actions brought by the EPA. For administration actions after September 30, 1995, data entry in the RAATS database was discontinued. EPA will retain a copy of the database for historical records. It was necessary to terminate RAATS because a decrease in agency resources made it impossible to continue to update the information contained in the database.

Date of Government Version: 04/17/1995	Source: EPA
Date Data Arrived at EDR: 07/03/1995	Telephone: 202-564-4104
Date Made Active in Reports: 08/07/1995	Last EDR Contact: 06/02/2008
Number of Days to Update: 35	Next Scheduled EDR Contact: 09/01/2008
	Data Release Frequency: No Update Planned

PRP: Potentially Responsible Parties

A listing of verified Potentially Responsible Parties

Date of Government Version: 06/22/2023	Source: EPA
Date Data Arrived at EDR: 07/06/2023	Telephone: 202-564-6023
Date Made Active in Reports: 07/24/2023	Last EDR Contact: 09/01/2023
Number of Days to Update: 18	Next Scheduled EDR Contact: 11/13/2023
	Data Release Frequency: Quarterly

PADS: PCB Activity Database System

PCB Activity Database. PADS Identifies generators, transporters, commercial storers and/or brokers and disposers of PCB's who are required to notify the EPA of such activities.

Date of Government Version: 03/20/2023	Source: EPA
Date Data Arrived at EDR: 04/04/2023	Telephone: 202-566-0500
Date Made Active in Reports: 06/09/2023	Last EDR Contact: 07/07/2023
Number of Days to Update: 66	Next Scheduled EDR Contact: 10/16/2023
	Data Release Frequency: Annually

ICIS: Integrated Compliance Information System

The Integrated Compliance Information System (ICIS) supports the information needs of the national enforcement and compliance program as well as the unique needs of the National Pollutant Discharge Elimination System (NPDES) program.

Date of Government Version: 11/18/2016	Source: Environmental Protection Agency
Date Data Arrived at EDR: 11/23/2016	Telephone: 202-564-2501
Date Made Active in Reports: 02/10/2017	Last EDR Contact: 09/27/2023
Number of Days to Update: 79	Next Scheduled EDR Contact: 01/15/2024
	Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

FTTS: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA, TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act). To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 04/09/2009
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25

Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Telephone: 202-566-1667
Last EDR Contact: 08/18/2017
Next Scheduled EDR Contact: 12/04/2017
Data Release Frequency: No Update Planned

FTTS INSP: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

A listing of FIFRA/TSCA Tracking System (FTTS) inspections and enforcements.

Date of Government Version: 04/09/2009
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25

Source: EPA
Telephone: 202-566-1667
Last EDR Contact: 08/18/2017
Next Scheduled EDR Contact: 12/04/2017
Data Release Frequency: No Update Planned

MLTS: Material Licensing Tracking System

MLTS is maintained by the Nuclear Regulatory Commission and contains a list of approximately 8,100 sites which possess or use radioactive materials and which are subject to NRC licensing requirements. To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 07/20/2023
Date Data Arrived at EDR: 09/01/2023
Date Made Active in Reports: 09/20/2023
Number of Days to Update: 19

Source: Nuclear Regulatory Commission
Telephone: 301-415-0717
Last EDR Contact: 07/12/2023
Next Scheduled EDR Contact: 10/30/2023
Data Release Frequency: Quarterly

COAL ASH DOE: Steam-Electric Plant Operation Data

A listing of power plants that store ash in surface ponds.

Date of Government Version: 12/31/2021
Date Data Arrived at EDR: 04/14/2023
Date Made Active in Reports: 07/10/2023
Number of Days to Update: 87

Source: Department of Energy
Telephone: 202-586-8719
Last EDR Contact: 09/01/2023
Next Scheduled EDR Contact: 12/11/2023
Data Release Frequency: Varies

COAL ASH EPA: Coal Combustion Residues Surface Impoundments List

A listing of coal combustion residues surface impoundments with high hazard potential ratings.

Date of Government Version: 01/12/2017
Date Data Arrived at EDR: 03/05/2019
Date Made Active in Reports: 11/11/2019
Number of Days to Update: 251

Source: Environmental Protection Agency
Telephone: N/A
Last EDR Contact: 08/28/2023
Next Scheduled EDR Contact: 12/11/2023
Data Release Frequency: Varies

PCB TRANSFORMER: PCB Transformer Registration Database

The database of PCB transformer registrations that includes all PCB registration submittals.

Date of Government Version: 09/13/2019
Date Data Arrived at EDR: 11/06/2019
Date Made Active in Reports: 02/10/2020
Number of Days to Update: 96

Source: Environmental Protection Agency
Telephone: 202-566-0517
Last EDR Contact: 08/03/2023
Next Scheduled EDR Contact: 11/13/2023
Data Release Frequency: Varies

RADINFO: Radiation Information Database

The Radiation Information Database (RADINFO) contains information about facilities that are regulated by U.S. Environmental Protection Agency (EPA) regulations for radiation and radioactivity.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 07/01/2019
Date Data Arrived at EDR: 07/01/2019
Date Made Active in Reports: 09/23/2019
Number of Days to Update: 84

Source: Environmental Protection Agency
Telephone: 202-343-9775
Last EDR Contact: 09/22/2023
Next Scheduled EDR Contact: 01/08/2024
Data Release Frequency: Quarterly

HIST FTTS: FIFRA/TSCA Tracking System Administrative Case Listing

A complete administrative case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2007
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: No Update Planned

HIST FTTS INSP: FIFRA/TSCA Tracking System Inspection & Enforcement Case Listing

A complete inspection and enforcement case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2008
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: No Update Planned

DOT OPS: Incident and Accident Data

Department of Transportation, Office of Pipeline Safety Incident and Accident data.

Date of Government Version: 01/02/2020
Date Data Arrived at EDR: 01/28/2020
Date Made Active in Reports: 04/17/2020
Number of Days to Update: 80

Source: Department of Transportation, Office of Pipeline Safety
Telephone: 202-366-4595
Last EDR Contact: 07/25/2023
Next Scheduled EDR Contact: 11/06/2023
Data Release Frequency: Quarterly

CONSENT: Superfund (CERCLA) Consent Decrees

Major legal settlements that establish responsibility and standards for cleanup at NPL (Superfund) sites. Released periodically by United States District Courts after settlement by parties to litigation matters.

Date of Government Version: 03/31/2023
Date Data Arrived at EDR: 04/20/2023
Date Made Active in Reports: 07/10/2023
Number of Days to Update: 81

Source: Department of Justice, Consent Decree Library
Telephone: Varies
Last EDR Contact: 06/27/2023
Next Scheduled EDR Contact: 10/16/2023
Data Release Frequency: Varies

BRS: Biennial Reporting System

The Biennial Reporting System is a national system administered by the EPA that collects data on the generation and management of hazardous waste. BRS captures detailed data from two groups: Large Quantity Generators (LQG) and Treatment, Storage, and Disposal Facilities.

Date of Government Version: 12/31/2021
Date Data Arrived at EDR: 03/09/2023
Date Made Active in Reports: 03/20/2023
Number of Days to Update: 11

Source: EPA/NTIS
Telephone: 800-424-9346
Last EDR Contact: 09/20/2023
Next Scheduled EDR Contact: 01/01/2024
Data Release Frequency: Biennially

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

INDIAN RESERV: Indian Reservations

This map layer portrays Indian administered lands of the United States that have any area equal to or greater than 640 acres.

Date of Government Version: 12/31/2014
Date Data Arrived at EDR: 07/14/2015
Date Made Active in Reports: 01/10/2017
Number of Days to Update: 546

Source: USGS
Telephone: 202-208-3710
Last EDR Contact: 07/05/2023
Next Scheduled EDR Contact: 10/16/2023
Data Release Frequency: Semi-Annually

FUSRAP: Formerly Utilized Sites Remedial Action Program

DOE established the Formerly Utilized Sites Remedial Action Program (FUSRAP) in 1974 to remediate sites where radioactive contamination remained from Manhattan Project and early U.S. Atomic Energy Commission (AEC) operations.

Date of Government Version: 03/03/2023
Date Data Arrived at EDR: 03/03/2023
Date Made Active in Reports: 06/09/2023
Number of Days to Update: 98

Source: Department of Energy
Telephone: 202-586-3559
Last EDR Contact: 07/26/2023
Next Scheduled EDR Contact: 11/13/2023
Data Release Frequency: Varies

UMTRA: Uranium Mill Tailings Sites

Uranium ore was mined by private companies for federal government use in national defense programs. When the mills shut down, large piles of the sand-like material (mill tailings) remain after uranium has been extracted from the ore. Levels of human exposure to radioactive materials from the piles are low; however, in some cases tailings were used as construction materials before the potential health hazards of the tailings were recognized.

Date of Government Version: 08/30/2019
Date Data Arrived at EDR: 11/15/2019
Date Made Active in Reports: 01/28/2020
Number of Days to Update: 74

Source: Department of Energy
Telephone: 505-845-0011
Last EDR Contact: 08/10/2023
Next Scheduled EDR Contact: 11/27/2023
Data Release Frequency: Varies

LEAD SMELTER 1: Lead Smelter Sites

A listing of former lead smelter site locations.

Date of Government Version: 06/22/2023
Date Data Arrived at EDR: 07/06/2023
Date Made Active in Reports: 07/24/2023
Number of Days to Update: 18

Source: Environmental Protection Agency
Telephone: 703-603-8787
Last EDR Contact: 09/01/2023
Next Scheduled EDR Contact: 10/09/2023
Data Release Frequency: Varies

LEAD SMELTER 2: Lead Smelter Sites

A list of several hundred sites in the U.S. where secondary lead smelting was done from 1931 and 1964. These sites may pose a threat to public health through ingestion or inhalation of contaminated soil or dust

Date of Government Version: 04/05/2001
Date Data Arrived at EDR: 10/27/2010
Date Made Active in Reports: 12/02/2010
Number of Days to Update: 36

Source: American Journal of Public Health
Telephone: 703-305-6451
Last EDR Contact: 12/02/2009
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

US AIRS (AFS): Aerometric Information Retrieval System Facility Subsystem (AFS)

The database is a sub-system of Aerometric Information Retrieval System (AIRS). AFS contains compliance data on air pollution point sources regulated by the U.S. EPA and/or state and local air regulatory agencies. This information comes from source reports by various stationary sources of air pollution, such as electric power plants, steel mills, factories, and universities, and provides information about the air pollutants they produce. Action, air program, air program pollutant, and general level plant data. It is used to track emissions and compliance data from industrial plants.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 10/12/2016
Date Data Arrived at EDR: 10/26/2016
Date Made Active in Reports: 02/03/2017
Number of Days to Update: 100

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 09/26/2017
Next Scheduled EDR Contact: 01/08/2018
Data Release Frequency: Annually

US AIRS MINOR: Air Facility System Data A listing of minor source facilities.

Date of Government Version: 10/12/2016
Date Data Arrived at EDR: 10/26/2016
Date Made Active in Reports: 02/03/2017
Number of Days to Update: 100

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 09/26/2017
Next Scheduled EDR Contact: 01/08/2018
Data Release Frequency: Annually

MINES VIOLATIONS: MSHA Violation Assessment Data

Mines violation and assessment information. Department of Labor, Mine Safety & Health Administration.

Date of Government Version: 07/05/2023
Date Data Arrived at EDR: 07/05/2023
Date Made Active in Reports: 09/25/2023
Number of Days to Update: 82

Source: DOL, Mine Safety & Health Admini
Telephone: 202-693-9424
Last EDR Contact: 07/05/2023
Next Scheduled EDR Contact: 11/20/2023
Data Release Frequency: Quarterly

US MINES: Mines Master Index File

Contains all mine identification numbers issued for mines active or opened since 1971. The data also includes violation information.

Date of Government Version: 05/01/2023
Date Data Arrived at EDR: 05/24/2023
Date Made Active in Reports: 07/24/2023
Number of Days to Update: 61

Source: Department of Labor, Mine Safety and Health Administration
Telephone: 303-231-5959
Last EDR Contact: 08/22/2023
Next Scheduled EDR Contact: 12/04/2023
Data Release Frequency: Semi-Annually

US MINES 2: Ferrous and Nonferrous Metal Mines Database Listing

This map layer includes ferrous (ferrous metal mines are facilities that extract ferrous metals, such as iron ore or molybdenum) and nonferrous (Nonferrous metal mines are facilities that extract nonferrous metals, such as gold, silver, copper, zinc, and lead) metal mines in the United States.

Date of Government Version: 01/07/2022
Date Data Arrived at EDR: 02/24/2023
Date Made Active in Reports: 05/17/2023
Number of Days to Update: 82

Source: USGS
Telephone: 703-648-7709
Last EDR Contact: 08/24/2023
Next Scheduled EDR Contact: 12/04/2023
Data Release Frequency: Varies

US MINES 3: Active Mines & Mineral Plants Database Listing

Active Mines and Mineral Processing Plant operations for commodities monitored by the Minerals Information Team of the USGS.

Date of Government Version: 04/14/2011
Date Data Arrived at EDR: 06/08/2011
Date Made Active in Reports: 09/13/2011
Number of Days to Update: 97

Source: USGS
Telephone: 703-648-7709
Last EDR Contact: 08/24/2023
Next Scheduled EDR Contact: 12/04/2023
Data Release Frequency: Varies

ABANDONED MINES: Abandoned Mines

An inventory of land and water impacted by past mining (primarily coal mining) is maintained by OSMRE to provide information needed to implement the Surface Mining Control and Reclamation Act of 1977 (SMCRA). The inventory contains information on the location, type, and extent of AML impacts, as well as, information on the cost associated with the reclamation of those problems. The inventory is based upon field surveys by State, Tribal, and OSMRE program officials. It is dynamic to the extent that it is modified as new problems are identified and existing problems are reclaimed.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 06/13/2023
Date Data Arrived at EDR: 06/14/2023
Date Made Active in Reports: 08/14/2023
Number of Days to Update: 61

Source: Department of Interior
Telephone: 202-208-2609
Last EDR Contact: 09/12/2023
Next Scheduled EDR Contact: 12/18/2023
Data Release Frequency: Quarterly

ECHO: Enforcement & Compliance History Information

ECHO provides integrated compliance and enforcement information for about 800,000 regulated facilities nationwide.

Date of Government Version: 06/24/2023
Date Data Arrived at EDR: 06/29/2023
Date Made Active in Reports: 09/25/2023
Number of Days to Update: 88

Source: Environmental Protection Agency
Telephone: 202-564-2280
Last EDR Contact: 06/29/2023
Next Scheduled EDR Contact: 10/16/2023
Data Release Frequency: Quarterly

UXO: Unexploded Ordnance Sites

A listing of unexploded ordnance site locations

Date of Government Version: 11/09/2021
Date Data Arrived at EDR: 10/20/2022
Date Made Active in Reports: 01/10/2023
Number of Days to Update: 82

Source: Department of Defense
Telephone: 703-704-1564
Last EDR Contact: 07/06/2023
Next Scheduled EDR Contact: 10/23/2023
Data Release Frequency: Varies

DOCKET HWC: Hazardous Waste Compliance Docket Listing

A complete list of the Federal Agency Hazardous Waste Compliance Docket Facilities.

Date of Government Version: 05/06/2021
Date Data Arrived at EDR: 05/21/2021
Date Made Active in Reports: 08/11/2021
Number of Days to Update: 82

Source: Environmental Protection Agency
Telephone: 202-564-0527
Last EDR Contact: 08/15/2023
Next Scheduled EDR Contact: 12/04/2023
Data Release Frequency: Varies

FUELS PROGRAM: EPA Fuels Program Registered Listing

This listing includes facilities that are registered under the Part 80 (Code of Federal Regulations) EPA Fuels Programs. All companies now are required to submit new and updated registrations.

Date of Government Version: 05/15/2023
Date Data Arrived at EDR: 05/17/2023
Date Made Active in Reports: 07/10/2023
Number of Days to Update: 54

Source: EPA
Telephone: 800-385-6164
Last EDR Contact: 08/15/2023
Next Scheduled EDR Contact: 11/27/2023
Data Release Frequency: Quarterly

PFAS NPL: Superfund Sites with PFAS Detections Information

EPA's Office of Land and Emergency Management and EPA Regional Offices maintain data describing what is known about site investigations, contamination, and remedial actions under the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) where PFAS is present in the environment.

Date of Government Version: 06/07/2023
Date Data Arrived at EDR: 06/08/2023
Date Made Active in Reports: 06/09/2023
Number of Days to Update: 1

Source: Environmental Protection Agency
Telephone: 703-603-8895
Last EDR Contact: 07/05/2023
Next Scheduled EDR Contact: 10/16/2023
Data Release Frequency: Varies

PFAS FEDERAL SITES: Federal Sites PFAS Information

Several federal entities, such as the federal Superfund program, Department of Defense, National Aeronautics and Space Administration, Department of Transportation, and Department of Energy provided information for sites with known or suspected detections at federal facilities.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 03/30/2023
Date Data Arrived at EDR: 03/30/2023
Date Made Active in Reports: 04/07/2023
Number of Days to Update: 8

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 07/05/2023
Next Scheduled EDR Contact: 10/16/2023
Data Release Frequency: Varies

PFAS TSCA: PFAS Manufacture and Imports Information

EPA issued the Chemical Data Reporting (CDR) Rule under the Toxic Substances Control Act (TSCA) and requires chemical manufacturers and facilities that manufacture or import chemical substances to report data to EPA. EPA publishes non-confidential business information (non-CBI) and includes descriptive information about each site, corporate parent, production volume, other manufacturing information, and processing and use information.

Date of Government Version: 03/30/2023
Date Data Arrived at EDR: 03/30/2023
Date Made Active in Reports: 06/09/2023
Number of Days to Update: 71

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 07/05/2023
Next Scheduled EDR Contact: 10/16/2023
Data Release Frequency: Varies

PFAS RCRA MANIFEST: PFAS Transfers Identified In the RCRA Database Listing

To work around the lack of PFAS waste codes in the RCRA database, EPA developed the PFAS Transfers dataset by mining e-Manifest records containing at least one of these common PFAS keywords: PFAS, PFOA, PFOS, PERFL, AFFF, GENX, GEN-X (plus the VT waste codes). These keywords were searched for in the following text fields: Manifest handling instructions (MANIFEST_HANDLING_INSTR), Non-hazardous waste description (NON_HAZ_WASTE_DESCRIPTION), DOT printed information (DOT_PRINTED_INFORMATION), Waste line handling instructions (WASTE_LINE_HANDLING_INSTR), Waste residue comments (WASTE_RESIDUE_COMMENTS).

Date of Government Version: 03/30/2023
Date Data Arrived at EDR: 03/30/2023
Date Made Active in Reports: 05/02/2023
Number of Days to Update: 33

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 07/05/2023
Next Scheduled EDR Contact: 10/16/2023
Data Release Frequency: Varies

PFAS ATSDR: PFAS Contamination Site Location Listing

PFAS contamination site locations from the Department of Health & Human Services, Center for Disease Control & Prevention. ATSDR is involved at a number of PFAS-related sites, either directly or through assisting state and federal partners. As of now, most sites are related to drinking water contamination connected with PFAS production facilities or fire training areas where aqueous film-forming firefighting foam (AFFF) was regularly used.

Date of Government Version: 06/24/2020
Date Data Arrived at EDR: 03/17/2021
Date Made Active in Reports: 11/08/2022
Number of Days to Update: 601

Source: Department of Health & Human Services
Telephone: 202-741-5770
Last EDR Contact: 07/19/2023
Next Scheduled EDR Contact: 11/06/2023
Data Release Frequency: Varies

PFAS WQP: Ambient Environmental Sampling for PFAS

The Water Quality Portal (WQP) is a part of a modernized repository storing ambient sampling data for all environmental media and tissue samples. A wide range of federal, state, tribal and local governments, academic and non-governmental organizations and individuals submit project details and sampling results to this public repository. The information is commonly used for research and assessments of environmental quality.

Date of Government Version: 03/30/2023
Date Data Arrived at EDR: 03/30/2023
Date Made Active in Reports: 05/02/2023
Number of Days to Update: 33

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 07/05/2023
Next Scheduled EDR Contact: 10/16/2023
Data Release Frequency: Varies

PFAS NPDES: Clean Water Act Discharge Monitoring Information

Any discharger of pollutants to waters of the United States from a point source must have a National Pollutant Discharge Elimination System (NPDES) permit. The process for obtaining limits involves the regulated entity (permittee) disclosing releases in a NPDES permit application and the permitting authority (typically the state but sometimes EPA) deciding whether to require monitoring or monitoring with limits. Caveats and Limitations: Less than half of states have required PFAS monitoring for at least one of their permittees and fewer states have established PFAS effluent limits for permittees. New rulemakings have been initiated that may increase the number of facilities monitoring for PFAS in the future.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 03/30/2023
Date Data Arrived at EDR: 03/30/2023
Date Made Active in Reports: 04/07/2023
Number of Days to Update: 8

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 07/05/2023
Next Scheduled EDR Contact: 10/16/2023
Data Release Frequency: Varies

PFAS ECHO: Facilities in Industries that May Be Handling PFAS Listing

Regulators and the public have expressed interest in knowing which regulated entities may be using PFAS. EPA has developed a dataset from various sources that show which industries may be handling PFAS. Approximately 120,000 facilities subject to federal environmental programs have operated or currently operate in industry sectors with processes that may involve handling and/or release of PFAS.

Date of Government Version: 07/05/2023
Date Data Arrived at EDR: 07/05/2023
Date Made Active in Reports: 09/25/2023
Number of Days to Update: 82

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 07/05/2023
Next Scheduled EDR Contact: 10/16/2023
Data Release Frequency: Varies

PFAS ECHO FIRE TRAINING: Facilities in Industries that May Be Handling PFAS Listing

A list of fire training sites was added to the Industry Sectors dataset using a keyword search on the permitted facility's name to identify sites where fire-fighting foam may have been used in training exercises. Additionally, you may view an example spreadsheet of the subset of fire training facility data, as well as the keywords used in selecting or deselecting a facility for the subset. as well as the keywords used in selecting or deselecting a facility for the subset. These keywords were tested to maximize accuracy in selecting facilities that may use fire-fighting foam in training exercises, however, due to the lack of a required reporting field in the data systems for designating fire training sites, this methodology may not identify all fire training sites or may potentially misidentify them.

Date of Government Version: 07/05/2023
Date Data Arrived at EDR: 07/05/2023
Date Made Active in Reports: 09/25/2023
Number of Days to Update: 82

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 07/05/2023
Next Scheduled EDR Contact: 10/16/2023
Data Release Frequency: Varies

PFAS PART 139 AIRPORT: All Certified Part 139 Airports PFAS Information Listing

Since July 1, 2006, all certified part 139 airports are required to have fire-fighting foam onsite that meet military specifications (MIL-F-24385) (14 CFR 139.317). To date, these military specification fire-fighting foams are fluorinated and have been historically used for training and extinguishing. The 2018 FAA Reauthorization Act has a provision stating that no later than October 2021, FAA shall not require the use of fluorinated AFFF. This provision does not prohibit the use of fluorinated AFFF at Part 139 civilian airports; it only prohibits FAA from mandating its use. The Federal Aviation Administration's document AC 150/5210-6D - Aircraft Fire Extinguishing Agents provides guidance on Aircraft Fire Extinguishing Agents, which includes Aqueous Film Forming Foam (AFFF).

Date of Government Version: 07/05/2023
Date Data Arrived at EDR: 07/05/2023
Date Made Active in Reports: 09/25/2023
Number of Days to Update: 82

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 07/05/2023
Next Scheduled EDR Contact: 10/16/2023
Data Release Frequency: Varies

AQUEOUS FOAM NRC: Aqueous Foam Related Incidents Listing

The National Response Center (NRC) serves as an emergency call center that fields initial reports for pollution and railroad incidents and forwards that information to appropriate federal/state agencies for response. The spreadsheets posted to the NRC website contain initial incident data that has not been validated or investigated by a federal/state response agency. Response center calls from 1990 to the most recent complete calendar year where there was indication of Aqueous Film Forming Foam (AFFF) usage are included in this dataset. NRC calls may reference AFFF usage in the ?Material Involved? or ?Incident Description? fields.

Date of Government Version: 07/05/2023
Date Data Arrived at EDR: 07/06/2023
Date Made Active in Reports: 09/25/2023
Number of Days to Update: 81

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 07/06/2023
Next Scheduled EDR Contact: 10/16/2023
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

PFAS: PFOS and PFOA stand for perfluorooctane sulfonate and perfluorooctanoic acid

PFOS and PFOA stand for perfluorooctane sulfonate and perfluorooctanoic acid, respectively. Both are fluorinated organic chemicals, part of a larger family of compounds referred to as perfluoroalkyl substances (PFASs).

Date of Government Version: 04/19/2023

Date Data Arrived at EDR: 04/20/2023

Date Made Active in Reports: 07/05/2023

Number of Days to Update: 76

Source: Department of Environmental Protection

Telephone: 850-245-8690

Last EDR Contact: 07/19/2023

Next Scheduled EDR Contact: 11/06/2023

Data Release Frequency: Varies

AQUEOUS FOAM: Former Fire Training Facility Assessments Listing

DEP has conducted initial environmental assessments related to the historic and current use of chemicals found in aqueous film forming foam (AFFF) at fire training facilities throughout Florida

Date of Government Version: 05/11/2023

Date Data Arrived at EDR: 05/16/2023

Date Made Active in Reports: 05/31/2023

Number of Days to Update: 15

Source: Department of Environmental Protection

Telephone: 850-245-8690

Last EDR Contact: 08/29/2023

Next Scheduled EDR Contact: 12/18/2023

Data Release Frequency: Varies

AIRS: Permitted Facilities Listing

A listing of Air Resources Management permits.

Date of Government Version: 07/19/2023

Date Data Arrived at EDR: 07/20/2023

Date Made Active in Reports: 08/16/2023

Number of Days to Update: 27

Source: Department of Environmental Protection

Telephone: 850-921-9558

Last EDR Contact: 07/19/2023

Next Scheduled EDR Contact: 11/06/2023

Data Release Frequency: Varies

ASBESTOS: Asbestos Notification Listing

Asbestos sites

Date of Government Version: 05/10/2023

Date Data Arrived at EDR: 05/11/2023

Date Made Active in Reports: 08/01/2023

Number of Days to Update: 82

Source: Department of Environmental Protection

Telephone: 850-717-9086

Last EDR Contact: 08/09/2023

Next Scheduled EDR Contact: 11/27/2023

Data Release Frequency: Varies

CLEANUP SITES: DEP Cleanup Sites - Contamination Locator Map Listing

This listing includes the locations of waste cleanup sites from various programs. The source of the cleanup site data includes Hazardous Waste programs, Site Investigation Section, Compliance and Enforcement Tracking, Drycleaning State Funded Cleanup Program (possibly other state funded cleanup), Storage Tank Contamination Monitoring.

Date of Government Version: 11/29/2022

Date Data Arrived at EDR: 02/21/2023

Date Made Active in Reports: 05/10/2023

Number of Days to Update: 78

Source: Department of Environmental Protection

Telephone: 866-282-0787

Last EDR Contact: 08/10/2023

Next Scheduled EDR Contact: 12/04/2023

Data Release Frequency: Quarterly

DEDB: Ethylene Dibromide Database Results

Ethylene dibromide (EDB), a soil fumigant, that has been detected in drinking water wells. The amount found exceeds the maximum contaminant level as stated in Chapter 62-550 or 520. It is a potential threat to public health when present in drinking water.

Date of Government Version: 06/13/2023

Date Data Arrived at EDR: 06/22/2023

Date Made Active in Reports: 09/12/2023

Number of Days to Update: 82

Source: Department of Environmental Protection

Telephone: 850-245-8335

Last EDR Contact: 09/07/2023

Next Scheduled EDR Contact: 12/25/2023

Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

DRYCLEANERS: Drycleaning Facilities

The Drycleaners database, maintained by the Department of Environmental Protection, provides information about permitted dry cleaner facilities.

Date of Government Version: 04/17/2023
Date Data Arrived at EDR: 04/18/2023
Date Made Active in Reports: 06/30/2023
Number of Days to Update: 73

Source: Department of Environmental Protection
Telephone: 850-245-8927
Last EDR Contact: 07/18/2023
Next Scheduled EDR Contact: 10/30/2023
Data Release Frequency: Semi-Annually

DWM CONTAM: DWM CONTAMINATED SITES

A listing of active or known sites. The listing includes sites that need cleanup but are not actively being working on because the agency currently does not have funding (primarily petroleum and drycleaning).

Date of Government Version: 10/12/2022
Date Data Arrived at EDR: 01/04/2023
Date Made Active in Reports: 03/21/2023
Number of Days to Update: 76

Source: Department of Environmental Protection
Telephone: 850-245-7503
Last EDR Contact: 07/07/2023
Next Scheduled EDR Contact: 10/16/2023
Data Release Frequency: Varies

Financial Assurance 1: Financial Assurance Information Listing

A list of hazardous waste facilities required to provide financial assurance under RCRA.

Date of Government Version: 04/01/2023
Date Data Arrived at EDR: 04/25/2023
Date Made Active in Reports: 07/17/2023
Number of Days to Update: 83

Source: Department of Environmental Protection
Telephone: 850-245-8793
Last EDR Contact: 07/25/2023
Next Scheduled EDR Contact: 11/06/2023
Data Release Frequency: Semi-Annually

Financial Assurance 2: Financial Assurance Information Listing

A listing of financial assurance information for solid waste facilities.

Date of Government Version: 04/01/2023
Date Data Arrived at EDR: 04/25/2023
Date Made Active in Reports: 07/17/2023
Number of Days to Update: 83

Source: Department of Environmental Protection
Telephone: 850-245-8743
Last EDR Contact: 07/25/2023
Next Scheduled EDR Contact: 11/06/2023
Data Release Frequency: Semi-Annually

Financial Assurance 3: Financial Assurance Information Listing

A listing of financial assurance information for storage tanks sites.

Date of Government Version: 05/09/2023
Date Data Arrived at EDR: 05/10/2023
Date Made Active in Reports: 08/02/2023
Number of Days to Update: 84

Source: Department of Environmental Protection
Telephone: 850-245-8853
Last EDR Contact: 07/19/2023
Next Scheduled EDR Contact: 11/06/2023
Data Release Frequency: Quarterly

FL Cattle Dip. Vats: Cattle Dipping Vats

From the 1910's through the 1950's, these vats were filled with an arsenic solution for the control and eradication of the cattle fever tick. Other pesticides, such as DDT, were also widely used. By State law, all cattle, horses, mules, goats, and other susceptible animals were required to be dipped every 14 days. Under certain circumstances, the arsenic and other pesticides remaining at the site may present an environmental or public health hazard.

Date of Government Version: 09/27/2019
Date Data Arrived at EDR: 01/10/2020
Date Made Active in Reports: 02/11/2020
Number of Days to Update: 32

Source: Department of Environmental Protection
Telephone: 850-245-4444
Last EDR Contact: 07/07/2023
Next Scheduled EDR Contact: 10/16/2023
Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

HW GEN: Hazardous Waste Generators

Small Quantity Hazardous Waste Generators are regulated under the federal Resource Conservation and Recovery Act (RCRA) and applicable state regulations as generators of hazardous wastes in quantities greater than 100 Kg but less than 1,000 Kg in any one calendar month. Large Quantity Generators of Hazardous Waste are tracked in this coverage based on their notification to the Department of Environmental Protection as to their handler status, or based on inspections conducted at their facilities. These facilities are regulated under the federal Resource Conservation and Recovery Act (RCRA) and applicable state regulations as generators of hazardous wastes in quantities equal to or greater than 1,000 Kg in any one calendar month.

Date of Government Version: 05/16/2023	Source: Department of Environmental Protection
Date Data Arrived at EDR: 06/15/2023	Telephone: 850-245-8758
Date Made Active in Reports: 09/06/2023	Last EDR Contact: 09/20/2023
Number of Days to Update: 83	Next Scheduled EDR Contact: 01/01/2024
	Data Release Frequency: Quarterly

RESP PARTY: Responsible Party Sites Listing

Open, inactive and closed responsible party sites

Date of Government Version: 06/23/2023	Source: Department of Environmental Protection
Date Data Arrived at EDR: 06/23/2023	Telephone: 850-245-8758
Date Made Active in Reports: 09/12/2023	Last EDR Contact: 09/26/2023
Number of Days to Update: 81	Next Scheduled EDR Contact: 01/08/2024
	Data Release Frequency: Quarterly

SITE INV SITES: Site Investigation Section Sites Listing

Statewide coverage of Site Investigation Section (SIS) sites. Site Investigation is a Section within the Bureau of Waste Cleanup, Division of Waste Management. SIS provides technical support to FDEP District Waste Cleanup Programs and conducts contamination assessments throughout the state.

Date of Government Version: 05/15/2023	Source: Department of Environmental Protection
Date Data Arrived at EDR: 05/16/2023	Telephone: 850-245-8953
Date Made Active in Reports: 08/07/2023	Last EDR Contact: 08/15/2023
Number of Days to Update: 83	Next Scheduled EDR Contact: 11/27/2023
	Data Release Frequency: Quarterly

TIER 2: Tier 2 Facility Listing

A listing of facilities which store or manufacture hazardous materials that submit a chemical inventory report.

Date of Government Version: 12/31/2022	Source: Department of Environmental Protection
Date Data Arrived at EDR: 06/07/2023	Telephone: 850-413-9970
Date Made Active in Reports: 08/28/2023	Last EDR Contact: 08/29/2023
Number of Days to Update: 82	Next Scheduled EDR Contact: 12/18/2023
	Data Release Frequency: Varies

UIC: Underground Injection Wells Database Listing

A listing of Class I wells. Class I wells are used to inject hazardous waste, nonhazardous waste, or municipal waste below the lowermost USDW.

Date of Government Version: 04/13/2023	Source: Department of Environmental Protection
Date Data Arrived at EDR: 04/14/2023	Telephone: 850-245-8655
Date Made Active in Reports: 04/19/2023	Last EDR Contact: 07/11/2023
Number of Days to Update: 5	Next Scheduled EDR Contact: 10/30/2023
	Data Release Frequency: Varies

WASTEWATER: Wastewater Facility Regulation Database

Domestic and industrial wastewater facilities.

Date of Government Version: 05/01/2023	Source: Department of Environmental Protection
Date Data Arrived at EDR: 05/02/2023	Telephone: 850-245-8600
Date Made Active in Reports: 07/18/2023	Last EDR Contact: 07/31/2023
Number of Days to Update: 77	Next Scheduled EDR Contact: 11/13/2023
	Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

MINES MRDS: Mineral Resources Data System

Date of Government Version: 08/23/2022
Date Data Arrived at EDR: 11/22/2022
Date Made Active in Reports: 02/28/2023
Number of Days to Update: 98

Source: USGS
Telephone: 703-648-6533
Last EDR Contact: 08/24/2023
Next Scheduled EDR Contact: 12/04/2023
Data Release Frequency: Varies

PFAS TRIS: List of PFAS Added to the TRI

Section 7321 of the National Defense Authorization Act for Fiscal Year 2020 (NDAA) immediately added certain per- and polyfluoroalkyl substances (PFAS) to the list of chemicals covered by the Toxics Release Inventory (TRI) under Section 313 of the Emergency Planning and Community Right-to-Know Act (EPCRA) and provided a framework for additional PFAS to be added to TRI on an annual basis.

Date of Government Version: 06/07/2023
Date Data Arrived at EDR: 06/08/2023
Date Made Active in Reports: 06/09/2023
Number of Days to Update: 1

Source: Environmental Protection Agency
Telephone: 202-566-0250
Last EDR Contact: 07/05/2023
Next Scheduled EDR Contact: 10/16/2023
Data Release Frequency: Varies

HAZ WASTE: Hazardous Waste Information Listing

These hazardous waste facilities are inspected by the Counties and the data entered into a database; they may or may not be assigned an EPA ID number.

Date of Government Version: 05/15/2023
Date Data Arrived at EDR: 05/16/2023
Date Made Active in Reports: 09/26/2023
Number of Days to Update: 133

Source: Department of Environmental Protection
Telephone: 850-245-8705
Last EDR Contact: 08/14/2023
Next Scheduled EDR Contact: 11/27/2023
Data Release Frequency: Quarterly

PCS ENF: Enforcement data

No description is available for this data

Date of Government Version: 12/31/2014
Date Data Arrived at EDR: 02/05/2015
Date Made Active in Reports: 03/06/2015
Number of Days to Update: 29

Source: EPA
Telephone: 202-564-2497
Last EDR Contact: 09/28/2023
Next Scheduled EDR Contact: 01/15/2024
Data Release Frequency: Varies

BIOSOLIDS: ICIS-NPDES Biosolids Facility Data

The data reflects compliance information about facilities in the biosolids program.

Date of Government Version: 07/16/2023
Date Data Arrived at EDR: 07/18/2023
Date Made Active in Reports: 08/28/2023
Number of Days to Update: 41

Source: Environmental Protection Agency
Telephone: 202-564-4700
Last EDR Contact: 07/18/2023
Next Scheduled EDR Contact: 10/30/2023
Data Release Frequency: Varies

PCS: Permit Compliance System

PCS is a computerized management information system that contains data on National Pollutant Discharge Elimination System (NPDES) permit holding facilities. PCS tracks the permit, compliance, and enforcement status of NPDES facilities.

Date of Government Version: 07/14/2011
Date Data Arrived at EDR: 08/05/2011
Date Made Active in Reports: 09/29/2011
Number of Days to Update: 55

Source: EPA, Office of Water
Telephone: 202-564-2496
Last EDR Contact: 09/28/2023
Next Scheduled EDR Contact: 01/15/2024
Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

SOLCP: State-Owned Lands Cleanup Program Listing

The State-Owned Lands Cleanup Program (SOLCP) was created by the legislature in 2001 as a mechanism to identify and reduce the states possible risk and liability associated with potentially contaminated sites on state-owned property.

Date of Government Version: 05/08/2023

Date Data Arrived at EDR: 05/08/2023

Date Made Active in Reports: 09/26/2023

Number of Days to Update: 141

Source: Department of Environmental Protection

Telephone: 850-245-8952

Last EDR Contact: 08/08/2023

Next Scheduled EDR Contact: 11/20/2023

Data Release Frequency: Varies

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP: EDR Proprietary Manufactured Gas Plants

The EDR Proprietary Manufactured Gas Plant Database includes records of coal gas plants (manufactured gas plants) compiled by EDR's researchers. Manufactured gas sites were used in the United States from the 1800's to 1950's to produce a gas that could be distributed and used as fuel. These plants used whale oil, rosin, coal, or a mixture of coal, oil, and water that also produced a significant amount of waste. Many of the byproducts of the gas production, such as coal tar (oily waste containing volatile and non-volatile chemicals), sludges, oils and other compounds are potentially hazardous to human health and the environment. The byproduct from this process was frequently disposed of directly at the plant site and can remain or spread slowly, serving as a continuous source of soil and groundwater contamination.

Date of Government Version: N/A

Date Data Arrived at EDR: N/A

Date Made Active in Reports: N/A

Number of Days to Update: N/A

Source: EDR, Inc.

Telephone: N/A

Last EDR Contact: N/A

Next Scheduled EDR Contact: N/A

Data Release Frequency: No Update Planned

EDR Hist Auto: EDR Exclusive Historical Auto Stations

EDR has searched selected national collections of business directories and has collected listings of potential gas station/filling station/service station sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include gas station/filling station/service station establishments. The categories reviewed included, but were not limited to gas, gas station, gasoline station, filling station, auto, automobile repair, auto service station, service station, etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

Date of Government Version: N/A

Date Data Arrived at EDR: N/A

Date Made Active in Reports: N/A

Number of Days to Update: N/A

Source: EDR, Inc.

Telephone: N/A

Last EDR Contact: N/A

Next Scheduled EDR Contact: N/A

Data Release Frequency: Varies

EDR Hist Cleaner: EDR Exclusive Historical Cleaners

EDR has searched selected national collections of business directories and has collected listings of potential dry cleaner sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include dry cleaning establishments. The categories reviewed included, but were not limited to dry cleaners, cleaners, laundry, laundromat, cleaning/laundry, wash & dry etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

Date of Government Version: N/A

Date Data Arrived at EDR: N/A

Date Made Active in Reports: N/A

Number of Days to Update: N/A

Source: EDR, Inc.

Telephone: N/A

Last EDR Contact: N/A

Next Scheduled EDR Contact: N/A

Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA HWS: Recovered Government Archive State Hazardous Waste Facilities List

The EDR Recovered Government Archive State Hazardous Waste database provides a list of SHWS incidents derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of Environmental Protection in Florida.

Date of Government Version: N/A	Source: Department of Environmental Protection
Date Data Arrived at EDR: 07/01/2013	Telephone: N/A
Date Made Active in Reports: 12/30/2013	Last EDR Contact: 06/01/2012
Number of Days to Update: 182	Next Scheduled EDR Contact: N/A
	Data Release Frequency: Varies

RGA LF: Recovered Government Archive Solid Waste Facilities List

The EDR Recovered Government Archive Landfill database provides a list of landfills derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of Environmental Protection in Florida.

Date of Government Version: N/A	Source: Department of Environmental Protection
Date Data Arrived at EDR: 07/01/2013	Telephone: N/A
Date Made Active in Reports: 01/10/2014	Last EDR Contact: 06/01/2012
Number of Days to Update: 193	Next Scheduled EDR Contact: N/A
	Data Release Frequency: Varies

RGA LUST: Recovered Government Archive Leaking Underground Storage Tank

The EDR Recovered Government Archive Leaking Underground Storage Tank database provides a list of LUST incidents derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of Environmental Protection in Florida.

Date of Government Version: N/A	Source: Department of Environmental Protection
Date Data Arrived at EDR: 07/01/2013	Telephone: N/A
Date Made Active in Reports: 12/30/2013	Last EDR Contact: 06/01/2012
Number of Days to Update: 182	Next Scheduled EDR Contact: N/A
	Data Release Frequency: Varies

COUNTY RECORDS

ALACHUA COUNTY:

FACILITY LIST ALACHUA: Facility List

List of all regulated facilities in Alachua County.

Date of Government Version: 03/16/2023	Source: Alachua County Environmental Protection Department
Date Data Arrived at EDR: 03/17/2023	Telephone: 352-264-6800
Date Made Active in Reports: 06/05/2023	Last EDR Contact: 09/12/2023
Number of Days to Update: 80	Next Scheduled EDR Contact: 01/01/2024
	Data Release Frequency: Annually

BROWARD COUNTY:

AST BROWARD: Aboveground Storage Tanks

Aboveground storage tank locations in Broward County.

Date of Government Version: 09/15/2021	Source: Broward County Environmental Protection Department
Date Data Arrived at EDR: 09/16/2021	Telephone: 954-818-7509
Date Made Active in Reports: 12/03/2021	Last EDR Contact: 08/15/2023
Number of Days to Update: 78	Next Scheduled EDR Contact: 12/04/2023
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

UST BROWARD: Underground Storage Tanks

All known regulated storage tanks within Broward County, including those tanks that have been closed

Date of Government Version: 09/15/2021
Date Data Arrived at EDR: 09/16/2021
Date Made Active in Reports: 12/03/2021
Number of Days to Update: 78

Source: Broward County Environmental Protection Department
Telephone: 954-818-7509
Last EDR Contact: 08/15/2023
Next Scheduled EDR Contact: 12/04/2023
Data Release Frequency: Varies

HILLSBOROUGH COUNTY:

LF HILLSBOROUGH: Hillsborough County LF Hillsborough county landfill sites.

Date of Government Version: 01/04/2023
Date Data Arrived at EDR: 01/05/2023
Date Made Active in Reports: 03/21/2023
Number of Days to Update: 75

Source: Hillsborough County Environmental Protection Commission
Telephone: 813-627-2600
Last EDR Contact: 09/27/2023
Next Scheduled EDR Contact: 01/15/2024
Data Release Frequency: Varies

MIAMI-DADE COUNTY:

DADE CO AP: Air Permit Sites

Facilities that release or have a potential to release pollutants.

Date of Government Version: 02/21/2023
Date Data Arrived at EDR: 02/22/2023
Date Made Active in Reports: 05/10/2023
Number of Days to Update: 77

Source: Department of Environmental Resources Management
Telephone: 305-372-6755
Last EDR Contact: 08/10/2023
Next Scheduled EDR Contact: 12/04/2023
Data Release Frequency: Semi-Annually

DADE CO AW: Agricultural Waste Listing A listing of agricultural waste sites

Date of Government Version: 02/21/2023
Date Data Arrived at EDR: 02/22/2023
Date Made Active in Reports: 05/10/2023
Number of Days to Update: 77

Source: Miami-Dade County Division of Environmental Resources Management
Telephone: 305-372-6715
Last EDR Contact: 08/10/2023
Next Scheduled EDR Contact: 12/04/2023
Data Release Frequency: Varies

DADE CO LF: Miami Dade County Landfill Solid Waste Sites listing. Miami Dade County Landfill Solid Waste Sites listing.

Date of Government Version: 02/24/2022
Date Data Arrived at EDR: 02/24/2022
Date Made Active in Reports: 05/19/2022
Number of Days to Update: 84

Source: Miami Dade County Environmental Resources Management
Telephone: 305-372-6789
Last EDR Contact: 08/15/2023
Next Scheduled EDR Contact: 12/04/2023
Data Release Frequency: Varies

DADE CO LW: Liquid Waste Transporter List

The Liquid Waste Transporter permit regulates the transportation of various types of liquid and solid waste, including hazardous waste, waste oil and oily waste waters, septic and grease trap waste, biomedical waste, spent radiator fluid, photo chemical waste, dry sewage sludge, and other types of non-hazardous industrial waste. The Liquid Waste Transporter permits needed to protect the environment and the public from improperly handled and transported waste.

Date of Government Version: 02/21/2023
Date Data Arrived at EDR: 02/22/2023
Date Made Active in Reports: 05/10/2023
Number of Days to Update: 77

Source: DERM
Telephone: 305-372-6755
Last EDR Contact: 08/10/2023
Next Scheduled EDR Contact: 12/04/2023
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

DADE MOP: Marine Facilities Operating Permit

What is this permit used for? Miami-Dade County Ordinance 89-104 and Section 24-18 of the Code of Miami-Dade County require the following types of marine facilities to obtain annual operating permits from DERM: All recreational boat docking facilities with ten (10) or more boat slips, moorings, davit spaces, and vessel tie-up spaces. All boat storage facilities contiguous to tidal waters in Miami-Dade County with ten (10) or more dry storage spaces including boatyards and boat manufacturing facilities.

Date of Government Version: 02/21/2023	Source: DERM
Date Data Arrived at EDR: 02/22/2023	Telephone: 305-372-3576
Date Made Active in Reports: 05/10/2023	Last EDR Contact: 08/10/2023
Number of Days to Update: 77	Next Scheduled EDR Contact: 12/04/2023
	Data Release Frequency: Quarterly

DADE MRE: Maimi River Enforcement

The Miami River Enforcement database files were created for facilities and in some instances vessels that were inspected by a workgroup within the Department that was identified as the Miami River Enforcement Group. The files do not all necessarily reflect enforcement cases and some were created for locations that were permitted by other Sections within the Department.

Date of Government Version: 06/05/2013	Source: DERM
Date Data Arrived at EDR: 06/06/2013	Telephone: 305-372-3576
Date Made Active in Reports: 08/06/2013	Last EDR Contact: 08/15/2023
Number of Days to Update: 61	Next Scheduled EDR Contact: 12/04/2023
	Data Release Frequency: Quarterly

DADE_IWP: Industrial Waste Permit Sites

Facilities that either generate more than 25,000 of wastewater per day to sanitary sewers or are pre-defined by EPA.

Date of Government Version: 02/21/2023	Source: Department of Environmental Resources Management
Date Data Arrived at EDR: 02/22/2023	Telephone: 305-372-6700
Date Made Active in Reports: 05/10/2023	Last EDR Contact: 08/10/2023
Number of Days to Update: 77	Next Scheduled EDR Contact: 12/04/2023
	Data Release Frequency: Semi-Annually

ENF: Enforcement Case Tracking System Sites

Enforcement cases monitored by the Dade County Department of Environmental Resources Management.

Date of Government Version: 05/22/2023	Source: Department of Environmental Resources Management
Date Data Arrived at EDR: 05/23/2023	Telephone: 305-372-6755
Date Made Active in Reports: 08/11/2023	Last EDR Contact: 08/22/2023
Number of Days to Update: 80	Next Scheduled EDR Contact: 12/04/2023
	Data Release Frequency: Semi-Annually

SPILLS DADE: Fuel Spills Cases

DERM documents fuel spills of sites that are not in a state program.

Date of Government Version: 01/08/2009	Source: Department of Environmental Resources Management
Date Data Arrived at EDR: 01/13/2009	Telephone: 305-372-6755
Date Made Active in Reports: 02/05/2009	Last EDR Contact: 08/15/2023
Number of Days to Update: 23	Next Scheduled EDR Contact: 12/04/2023
	Data Release Frequency: Semi-Annually

UST DADE: Storage Tanks

A listing of aboveground and underground storage tank site locations.

Date of Government Version: 04/05/2023	Source: Department of Environmental Resource Management
Date Data Arrived at EDR: 05/24/2023	Telephone: 305-372-6700
Date Made Active in Reports: 08/11/2023	Last EDR Contact: 08/24/2023
Number of Days to Update: 79	Next Scheduled EDR Contact: 12/04/2023
	Data Release Frequency: Semi-Annually

PALM BEACH COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

LF PALM BEACH: Palm Beach County LF

Palm Beach County Inventory of Solid Waste Sites.

Date of Government Version: 09/01/2011

Date Data Arrived at EDR: 09/20/2011

Date Made Active in Reports: 10/10/2011

Number of Days to Update: 20

Source: Palm Beach County Solid Waste Authority

Telephone: 561-640-4000

Last EDR Contact: 09/08/2023

Next Scheduled EDR Contact: 12/18/2023

Data Release Frequency: Varies

OTHER DATABASE(S)

Depending on the geographic area covered by this report, the data provided in these specialty databases may or may not be complete. For example, the existence of wetlands information data in a specific report does not mean that all wetlands in the area covered by the report are included. Moreover, the absence of any reported wetlands information does not necessarily mean that wetlands do not exist in the area covered by the report.

CT MANIFEST: Hazardous Waste Manifest Data

Facility and manifest data. Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a tsd facility.

Date of Government Version: 11/16/2022

Date Data Arrived at EDR: 11/16/2022

Date Made Active in Reports: 02/06/2023

Number of Days to Update: 82

Source: Department of Energy & Environmental Protection

Telephone: 860-424-3375

Last EDR Contact: 08/08/2023

Next Scheduled EDR Contact: 11/20/2023

Data Release Frequency: No Update Planned

NJ MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2018

Date Data Arrived at EDR: 04/10/2019

Date Made Active in Reports: 05/16/2019

Number of Days to Update: 36

Source: Department of Environmental Protection

Telephone: N/A

Last EDR Contact: 09/28/2023

Next Scheduled EDR Contact: 01/15/2024

Data Release Frequency: Annually

NY MANIFEST: Facility and Manifest Data

Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a TSD facility.

Date of Government Version: 01/01/2019

Date Data Arrived at EDR: 10/29/2021

Date Made Active in Reports: 01/19/2022

Number of Days to Update: 82

Source: Department of Environmental Conservation

Telephone: 518-402-8651

Last EDR Contact: 07/27/2023

Next Scheduled EDR Contact: 11/06/2023

Data Release Frequency: Quarterly

PA MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 06/30/2018

Date Data Arrived at EDR: 07/19/2019

Date Made Active in Reports: 09/10/2019

Number of Days to Update: 53

Source: Department of Environmental Protection

Telephone: 717-783-8990

Last EDR Contact: 07/06/2023

Next Scheduled EDR Contact: 10/23/2023

Data Release Frequency: Annually

RI MANIFEST: Manifest information

Hazardous waste manifest information

Date of Government Version: 12/31/2020

Date Data Arrived at EDR: 11/30/2021

Date Made Active in Reports: 02/18/2022

Number of Days to Update: 80

Source: Department of Environmental Management

Telephone: 401-222-2797

Last EDR Contact: 08/10/2022

Next Scheduled EDR Contact: 11/27/2023

Data Release Frequency: Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

WI MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 05/31/2018

Date Data Arrived at EDR: 06/19/2019

Date Made Active in Reports: 09/03/2019

Number of Days to Update: 76

Source: Department of Natural Resources

Telephone: N/A

Last EDR Contact: 08/30/2023

Next Scheduled EDR Contact: 12/18/2023

Data Release Frequency: Annually

Oil/Gas Pipelines

Source: Endeavor Business Media

Petroleum Bundle (Crude Oil, Refined Products, Petrochemicals, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)) N = Natural Gas Bundle (Natural Gas, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)). This map includes information copyrighted by Endeavor Business Media. This information is provided on a best effort basis and Endeavor Business Media does not guarantee its accuracy nor warrant its fitness for any particular purpose. Such information has been reprinted with the permission of Endeavor Business Media.

Electric Power Transmission Line Data

Source: Endeavor Business Media

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Sensitive Receptors: There are individuals deemed sensitive receptors due to their fragile immune systems and special sensitivity to environmental discharges. These sensitive receptors typically include the elderly, the sick, and children. While the location of all sensitive receptors cannot be determined, EDR indicates those buildings and facilities - schools, daycares, hospitals, medical centers, and nursing homes - where individuals who are sensitive receptors are likely to be located.

AHA Hospitals:

Source: American Hospital Association, Inc.

Telephone: 312-280-5991

The database includes a listing of hospitals based on the American Hospital Association's annual survey of hospitals.

Medical Centers: Provider of Services Listing

Source: Centers for Medicare & Medicaid Services

Telephone: 410-786-3000

A listing of hospitals with Medicare provider number, produced by Centers of Medicare & Medicaid Services, a federal agency within the U.S. Department of Health and Human Services.

Nursing Homes

Source: National Institutes of Health

Telephone: 301-594-6248

Information on Medicare and Medicaid certified nursing homes in the United States.

Public Schools

Source: National Center for Education Statistics

Telephone: 202-502-7300

The National Center for Education Statistics' primary database on elementary and secondary public education in the United States. It is a comprehensive, annual, national statistical database of all public elementary and secondary schools and school districts, which contains data that are comparable across all states.

Private Schools

Source: National Center for Education Statistics

Telephone: 202-502-7300

The National Center for Education Statistics' primary database on private school locations in the United States.

Daycare Centers: Department of Children & Families

Source: Provider Information

Telephone: 850-488-4900

Flood Zone Data: This data was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.

Source: FEMA

Telephone: 877-336-2627

Date of Government Version: 2003, 2015

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005, 2010 and 2015 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Wetlands Inventory

Source: Department of Environmental Protection

Telephone: 850-245-8238

STREET AND ADDRESS INFORMATION

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APPENDIX D

REGULATORY INFORMATION

SITE ID	SITE NAME	FACILITY ID(s)	DOCUMENT(S)
1	Hortons Store/Walgreens	SQG 177544 and 55/8839690	Pilot Test Post Injection Monitoring Report, dated April 19, 2013 (text, figures, tables, and laboratory analytical data) – 43 pages Conditional SRCO, dated November 17, 2014 – 14 pages
4	7-Eleven Store #42108	55/9818999	No assessment information available.
12	Racetrac #156	55/9810366	Closure Assessment Report, dated February 2, 2022 (text, figures, tables, and laboratory analytical data) – 50 pages
13	Hustler's of Hollywood	SQG 85972	No assessment information available.
14	Days Inn	55/8838457	No assessment information available.
15	Texaco #24-110-0004/ Pennzoil	FLD984190942 and 55/8515920	Addendum to CAR, dated June 22, 1991 (text, figures, tables, and laboratory analytical data) – 42 pages Interim Assessment Report, dated July 13, 2023 (text, figures, tables, and laboratory analytical data) – 106 pages
16	Exxon Station/Cell Tower	55/8515941	Semi-Annual PARM Report, dated July 20, 2022 (text, figures, tables, and laboratory analytical data) – 61 pages SRCO, dated October 20, 2022– 25 pages Task 2 - Deliverable Interim Site Assessment Report, dated Marh 30, 2023 (text, figures, tables, and laboratory analytical data) – 32 pages
17	Quality Inn Motel/ Discount Tire	55/9102843	PARM Annual Report, dated December 20, 2005 (text, figures, tables, and laboratory analytical data) – 28 pages SRCO, dated April 12, 2006 – 1 page Notice of Intent to Discharge, dated November 10, 2021 – (text, figures, tables, and laboratory analytical data) – 11 pages
19	Former Suspected Agriculture Areas (ROW Only)	NA	No assessment information available.
1A	Proposed Pond Site 1A	NA	No assessment information available.
1B	Proposed Pond Site 1B	NA	No assessment information available.
4B	Proposed Pond Site 4B	NA	No assessment information available.
4C	Preferred Pond Site 4C	NA	No assessment information available.
5B	Proposed Pond Site 5B	NA	No assessment information available.

SITE 1 – Hortons Store/Walgreens

Pilot Test Post Injection Monitoring Report, dated April 19, 2013 (text, figures, tables, and laboratory analytical data) – 43 pages

Conditional SRCO, dated November 17, 2014 – 14 pages

Pilot Test Post Injection Monitoring Report

*Former Mill Creek Grocery
St. Augustine, Florida
DEP Facility ID # 55/8839690*

*Antea Group Project No. 2730204076
April 19, 2013*

Prepared for:
Regency Centers Corporation
1 Independence Drive, Suite 114
Jacksonville, FL 32202
+1 904 598 7490

Prepared by:
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800 Dutch Square Boulevard, Suite B-111
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Pilot Test Post Injection Monitoring Report

*Former Mill Creek Grocery
St. Augustine, Florida
DEP Facility ID # 55/8839690*

*Antea Group Project No. 2730204076
April 19, 2013*

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Table of Contents

1.0	INTRODUCTION	1
1.1	Site Description	1
2.0	SITE BACKGROUND.....	2
3.0	FEBRUARY 2013 POST-INJECTION GROUNDWATER MONITORING	4
3.1	Post-Injection Groundwater Monitoring	4
3.2	Zone of Discharge Monitoring	5
5.0	CONCLUSIONS AND RECOMMENDATIONS	5
6.0	REMARKS.....	7

Tables

Table 1	Groundwater Elevation Summary
Table 2	Summary of COC Concentrations in Groundwater
Table 3	Summary of Inorganic Parameters

Figures

Figure 1	Site Location Map
Figure 2	Site Map with Groundwater Elevations
Figure 3	2008 and 2013 Estimated Areas of Impact

Appendices

Appendix A	Groundwater Sampling Logs and Field Equipment Calibration Logs
Appendix B	Laboratory Analytical Reports and Chain-of-Custody Records

Pilot Test Post Injection Monitoring Report

*Former Mill Creek Grocery
Saint Augustine, Florida*

1.0 INTRODUCTION

This Pilot Test Post-Injection Monitoring Report presents the results of groundwater sampling activities associated with Antea Group's Pilot Study Work Plan originally approved by the Florida Department of Environmental Protection (FDEP) in correspondence dated January 27, 2011. Following execution of the scope of the original work plan, Antea Group requested that the pilot study be extended to allow for additional injections and monitoring in order to evaluate the efficacy of the injectate being pilot tested. The pilot study extension was granted by the FDEP in correspondence dated February 29, 2012. Groundwater monitoring was performed to determine what effect the additional injections of Bio-Rem 2000 Oil Digester™ (Bio-Rem) has had on concentrations of contaminants of concern (COCs) at the former Mill Creek Grocery site in St. Augustine, Florida.

Previous site assessments and groundwater monitoring reports have shown that COCs at the site are limited to petroleum hydrocarbons, including benzene, toluene, ethylbenzene, xylenes (BTEX), methyl tertiary butyl ether (MTBE), naphthalene, 2-methylnaphthalene, and 1-methylnaphthalene. A number of remedial measures have been conducted at the site and significant COC reduction has been observed throughout most of the area of impact.

Previously submitted reports have summarized the execution of the original scope of the Pilot Study Work Plan and activities associated with execution of the Pilot Study Extension including pre-injection monitoring, injection of Bio-Rem, and the 30, 120 and 210 day post injection sampling events. This report documents the February 2013 post injection sampling event of the extended pilot study at the former Mill Creek Grocery site in St. Augustine, Florida.

1.1 Site Description

The site is a 1.76-acre parcel formerly developed with a commercial gasoline service station structure, two former residences and a garage. The site is located at the southwest corner of State Road 16 and St. Johns County Road 13A in St. Augustine, Florida in Section 38, Township 6 South, and Range 28 East. The elevation of the site is approximately 25 feet above Mean Sea Level (MSL) and lies approximately 1,000 feet east of Mill Creek. A site map is shown in **Figure 1**.

The site was formerly developed with a retail gasoline facility. The former underground storage tank (UST) system was located in the northeastern portion of the site adjacent to the former store building. The UST system contained both unleaded gasoline and diesel fuel and had a dispenser island with associated fiberglass dispenser lines and vent pipes.

2.0 SITE BACKGROUND

Based on previous reports and documents obtained from the FDEP, the site formerly maintained two 3,000-gallon USTs and one (1) 550-gallon UST for petroleum product storage. The USTs were installed at the property in March 1976. The tanks were removed in July 1990 and replaced with one compartmentalized 6,000-gallon UST. Based on statements from the former site owner, Mr. Richard Horton, the two 3,000-gallon USTs, the 550-gallon UST and the 6,000-gallon UST were all located in the tank vault area on the eastern portion of the site.

A Phase II Environmental Site Assessment (ESA) was conducted by Law Engineering and Environmental Services, Inc. (Law) in October 15, 2002. The Phase II ESA identified the presence of soil and groundwater impacted by petroleum hydrocarbons. Tightness tests were conducted on the UST system in 2002 and 2003 and revealed that the subsurface product distribution piping failed to maintain pressure. Based on the tightness tests, the source of the release was determined to be the product piping.

Subsequently, the compartmentalized 6,000-gallon UST and the product distribution system was removed by Coomes Oil of St. Augustine, Florida in November 2003. Oxygen Releasing Compound (ORC®) was applied to the bottom of the excavation following removal of the UST. Subsequent site assessment indicated that Chemicals of Concern (COCs) in soil exceeded FDEP cleanup levels near the on-site building and highway right-of-way. These areas could not be excavated due to the proximity to fiber optic lines, other utilities, and the proximity to the on-site building. Microblaze® was injected by Aerostar Environmental Services, Inc. (Aerostar) in January, 2006, and a combination of Microblaze® and ORC® was injected in January 2007 in numerous permanent injection wells to enhance the biodegradation of the petroleum contaminants.

In February 2007, road expansion construction was initiated along State Road 16 and Pacetti Road. During the course of construction, 19 shallow injection wells, four deep injection wells, and MW-6, MW-7, MW-12, and MW-13 were destroyed or damaged. On June 29, 2007, Aerostar installed four monitoring wells to replace the wells that were destroyed or damaged during the expansion of the roads. The wells were installed as close as possible to the previous boring with well identification MW-6R, MW-7R, MW-12R, and MW-13R. The wells were installed to a depth of 12 feet below ground surface with ten feet of 0.01-inch slotted PVC screen and two feet of riser.

In November 2007, all on-site buildings were demolished in order for new construction to occur. During excavation and grading activities at the site, petroleum hydrocarbon contaminated soil was observed along the front of the former convenience store. Antea Group (formerly Delta Consultants) proposed a remediation program consisting of source zone removal and chemical injection. In accordance with the remediation program, Antea Group excavated contaminated soil along the north wall of the former convenience store on April 3, 2008. During excavation activities, an underground concrete structure/pit was discovered in the excavation at a depth of approximately 5 feet below ground surface (bgs). The concrete structure contained a significant amount of soil contaminated with petroleum hydrocarbons. The total quantity of soil removed from the excavation was estimated to be 100 cubic yards.

Antea Group initiated a chemical injection program at the site on April 16th, 2008 through April 18th, 2008 utilizing persulfate, peroxide, and zero-valent iron (ZVI). The injection technology utilized at the site combined oxidation chemical reactions with anaerobic biological degradation processes for the destruction of aromatic hydrocarbons in groundwater. The oxidative reactions include Fenton's Reaction and activated persulfate, where-by ZVI was utilized as a source of ferrous and ferric iron to generate numerous free radical species. The results of the 5 post-injection sampling events are summarized in Antea Group's July 26, 2009 Remedial Action Status Report. A more detailed summary of previous remedial activities is also included in the Post Injection Monitoring Report (PIMR) dated October 27, 2009. Sampling results indicated that persulfate injections were most effective under anaerobic conditions.

In September 2009, post-injection monitoring was initiated in accordance with the FDEPs comments, dated August 27, 2009, with regard to the Remedial Action Status Report submitted on July 28, 2009. One aggressive fluid vapor recovery (AFVR) pilot test was performed on monitoring wells MW-2 and DW-2 on September 9, 2009. The purpose of the pilot test was to determine potential removal rates of impacted groundwater, the potential radius of influence during pumping, and the potential for removing additional contaminant mass. The total volume of groundwater removed during the pilot test was reported to be 1,104 gallons.

Antea Group submitted a Pilot Study Plan (PSP), which was finalized on December 30, 2010, for injection of a biological reagent (Bio-Rem) in order to further reduce the COC's in the source area. The PSP was implemented in the Spring of 2011, and post-injection monitoring continued through November, 2011. Based on the results of the first round of injections, the pilot study was extended throughout 2012, and a second round of Bio-rem injections was performed in the Spring 2012. A report summarizing the second round of injections and the subsequent sampling events conducted at 30, 120 and 210 days post injection was submitted to the FLDEP in December, 2012. The report recommended the following:

- Removal of monitoring wells MW-1, MW-4R, MW6R, and DW-2 from the groundwater monitoring program, as COC concentrations have decreased below the respective groundwater cleanup target levels (GCTL's) at these wells.
- Removing MTBE, 1-methylnaphthalene, 2-methylnaphthalene, iron, and sulfates from the monitoring program as these chemicals are now below their respective GCTL's and site specific target levels (SSTL's) at the site.
- Continue to analyze TDS and surfactants at monitoring well MW-2R only.
- Extend the monitoring period for the pilot study until February, 2013 to include collection of groundwater samples from monitoring wells MW-2R and MW-3 for analysis of BTEX and naphthalene in order to further evaluate the efficacy of the Bio-Rem injected materials in reducing the remaining COC's at the site.

FDEP officials concurred with these recommendations in correspondence dated January 8, 2013, and additionally requested that the report associated with the February 2013 sampling event indicate whether the project will proceed to formal Remedial Action or formal Natural Attenuation Monitoring.

3.0 FEBRUARY 2013 POST-INJECTION GROUNDWATER MONITORING

3.1 Post-Injection Groundwater Monitoring

Antea Group personnel conducted depth to groundwater measurements and post-injection groundwater sampling activities at the site on February 28th, 2013. Monitoring wells MW-1, MW-2, MW-2R, MW-3, MW-9 and DW-2 along with injection wells IW-1, IW-2, and IW-4 were gauged using an oil/water interface probe. Groundwater samples were collected from monitoring wells MW-2R, MW-3 and injection wells IW-1, IW-2, IW-3 and IW-4. Depth to water measurements and groundwater elevations are presented on **Table 1**. A site map with groundwater contour intervals for the wells gauged on February 28th, 2013 is included as **Figure 2**. Historically, the water table at the site is generally flat, but tends to mound in the area of MW-3 within a landscaped area likely due to irrigation activities. Due to the localized mounding at MW-3, the calculated groundwater elevation at MW-3 was not used in the groundwater flow contours. The groundwater flow direction at the site is towards the northwest which correlates with the historic groundwater flow direction for this site.

The groundwater samples were collected via peristaltic pump using low-flow techniques. Groundwater samples collected during the February 28th, 2013 sampling event were placed in laboratory-supplied containers, packed on ice, and transported to Pace Analytical Services, Inc. Groundwater sampling logs and field equipment calibration logs for the February 28th, 2013 sampling event are provided in **Appendix A**.

Groundwater samples collected from monitoring wells MW-2R and MW-3 were analyzed for the BTEX compounds, MTBE and naphthalene. Monitoring well MW-2R was also sampled for sulfates, total dissolved solids (TDS) and surfactants. The samples collected from injection wells IW-1 through IW-4 were only analyzed for the BTEX compounds. The laboratory analytical results from the February 28th, 2013 sampling event indicated that the following wells exceeded the respective FDEP GCTLs or FDEP NADSCs at the indicated well locations:

Well No.	Benzene ug/l	Ethylbenzene ug/l	Total Xylenes ug/l	Naphthalene ug/l
MW-2R	143	698	804	202
IW-2	< 10	407	330	NA
IW-3	<10	129	180	NA
IW-4	8.6	99.7	< 10	NA
GCTL/NADSC	1/100	30/300	20/200	14/140

Notes: NA = not analyzed

Bold values exceeded the respective GCTLs or NADSCs.

The groundwater samples collected from injection wells IW-1, IW-2, IW-3 and IW-4 during the February 28th, 2013 groundwater sampling event were analyzed for the BTEX compounds. Groundwater samples collected from the injection wells indicate that the mass of aromatic hydrocarbons in groundwater is localized in the vicinity of monitoring well MW-2R and injection wells IW-2, IW-3 and IW-4. This area of residual petroleum impact measures about 20 feet by 30 feet and is localized at the site. The area of groundwater impact based on 2008 analytical data and the subsequent reduced area of impact based on the groundwater samples is shown on **Figure 3**. The area of impact estimated in 2008, has been reduced by over 90 percent based on the February 28, 2012 analytical results.

Groundwater analytical results for VOCs analyzed by EPA Method 8260 are provided in **Table 2**. Groundwater analytical results for inorganic compounds analyzed by EPA Method 300.0 for sulfate, EPA Method 2540C for total dissolved solids and EPA Method SM 5540C for surfactants are provided in **Table 3**. The laboratory analytical reports are compiled in **Appendix B**.

3.2 Zone of Discharge Monitoring

Inorganic parameters including sulfates, total dissolved solids (TDS) and surfactants were analyzed as part of the Zone of Discharge monitoring program in place at the site. This information was used to evaluate changes in groundwater chemistry resulting from the injection of Bio-Rem. Sulfate concentrations in monitoring well MW-2R have increased at monitoring well MW-2R to 115 mg/l, which is below the SSTL of 250 mg/l for sulfate. The TDS concentration of 1,170 ug/l detected at MW-2R exceeded the TDS SSTL of 760 mg/l. The surfactant concentration at MW-2R was not detected above the detection limit of 2.5 mg/l. A table containing the results of the sampling for inorganic parameters is included as **Table 3**. Laboratory analytical reports are compiled in **Appendix B**.

5.0 CONCLUSIONS AND RECOMMENDATIONS

Based on our review of the historic sampling results with respect to the remedial actions that have been completed for this site and the significant reduction in the area of the groundwater plume, we have developed the following conclusions and recommendations for the site:

Conclusions:

- Based on our review of the data from 2008 to the current sampling event, conducted on February 28, 2013, the remedial strategy for this site has achieved an overall reduction in the size of the groundwater plume of greater than 90 percent. The remaining residual COCs are contained within the site boundaries and are within an area of approximately 20 feet by 30 feet.
- Since 2003, numerous remedial strategies have been implemented at the site and the size of the groundwater plume has been greatly reduced to a residual localized area of impact.
- Antea Group believes sufficient effort has been made to remediate the site using the latest remedial strategies and that additional effort to remediate the remaining residual area of impact would have a diminishing return with respect to an additional expenditure of funds.

Recommendations:

Based on the results of the historical sampling results and the post-injection monitoring, we recommend the following:

- In accordance with Rule 62-770.680 (2), of the Florida Administrative Code, Antea Group respectfully requests that the FDEP, consider this site for implementation of a No Further Action (NFA) with conditions.
- Antea Group recommends that the remaining residual area of the groundwater plume be documented, utilizing the appropriate institutional controls, and that a NFA with conditions be implemented for this site.

6.0 REMARKS

The observations contained in this report represent Antea Group's professional opinions based upon the currently available information and are arrived at in accordance with currently accepted professional standards. This report is based upon a specific scope of work requested by the client. The contract between Antea Group and its client outlines the scope of work, and only those tasks specifically authorized by that contract or outlined in this report were performed. This report is intended only for the use of Antea Group's client and anyone else specifically identified in writing by Antea Group as a user of this report. Antea Group will not and cannot be liable for unauthorized reliance by any other third party. Other than as contained in this paragraph, Antea Group makes no express or implied warranty as to the contents of this report.



Chad B. Weaver
Project Professional

Date: April 19, 2013

I hereby certify that in my professional judgment, the components of this Post Injection Monitoring Report satisfy the requirements set forth in Chapter 62-770, Florida Administrative Code (F.A.C.).



F. Dean Salisbury, Project Manager
Professional Geologist
FL No. 2609

Date: April 19, 2013



Tables

Table 1	Groundwater Elevation Summary
Table 2	Summary of COC Concentrations in Groundwater
Table 3	Summary of Inorganic Parameters

Table 1 - Groundwater Elevation Summary
Former Mill Creek Grocery
St. Augustine, Florida

All Measurements = Feet
No Data = Blank
NP = No Product

[illegible]

NC = Not Calculated, MW-2R has not been surveyed into the existing monitoring well network. Elevations based on relative datum of 100 feet above mean sea level

Table 1 - Groundwater Elevation Summary
Former Mill Creek Grocery
St. Augustine, Florida

All Measurements = Feet
No Data = Blank
NP = No Product

WELL NO.	MW-7R	MW-8	MW-9	MW-10	MW-11	MW-12R
DIAMETER	2 "		2 "	2 "		2 "
WELL DEPTH	11.90	Destroyed	10.80	12.70	Destroyed	12.00
SCREEN INTERVAL	1.9-11.9		0.80-10.80	2.7-12.7		2-12
TOT ELEVATION	98.93		99.07	99.14		100.00

[illegible]

Elevations based on relative datum of 100 feet above mean sea level

**Table 2 - Summary of COC Concentrations in Groundwater
Former Mill Creek Grocery
St. Augustine, Florida**

Sample		Benzene	Toluene	Ethylbenzene	Total Xylenes	Total BTEX	MTBE	Naphthalene	1- Methyl-naphthalene	2-Methyl-naphthalene
Location	Date	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
GCTL Criteria		100	400	300	200	NA	20	14	28	28
NADSC Criteria		3,980	6,640	1,440	7,660	19,720	45.8	73.1	11	18.3
MW-1	12/5/2003	2300	2200	650	2540	7,690	<50	28	3.5	7.4
	5/25/2004	3050	51	1340	4290	8,731	<1.0	40	8.1	14
	5/2/2006	3700	<15	1000	1500	6,200	<26	57	5.4	10
	2/20/2007	1800	5.01	520	114	2,439	<1.9	30	3.8	7.6
	4/17/2007	3270	239	927	312	4,748	<12	31.5	3.16	5.63
	4/4/2008	918	31.4	156	54.3	1,160	<10	24.7	<11.9	<11.9
	5/22/2008	2330	13.7	754	50	3147.7	10.7	58.1**	<20**	<20**
	6/19/2008	1250	14.2	310	20.4	1,595	1.3	36.3	<11.2	<11.2
	8/26/2008	121	<1.0	6.5	10.3	138	<1.0	<11.0	<11.0	<11.0
	12/9/2008	701	<5.0	130	<10.0	831	<5.0	<20	<20	<10.0
	5/26/2009	10.6	<5.0	1.6J	<10.0	12.2	<5	<10	<10	<10
	9/10/2009	324	2.1	78.4	2.7	407.2	<1	20.7	<10	<10
	12/11/2009	74.6	<1.0	18.3	<1.0	92.9	<1	<100	<100	<100
	3/31/2010	7.1	<1.0	2.0	<2.0	9.1	<1.0	<12.5	<12.5	<12.5
	3/17/2011	1.7	<1.0	<1.0	<2.0	1.7	<1.0	(5.5) 1.8	<2.0	<2.0
	6/14/2011	59.9	<1.0	3.9	<2.0	63.8	<1.0	(1.8)	<10.0	<10.0
	7/14/2011	59.4	<1.0	3.4	<2.0	62.8	<1.0	(5.4) <10.0	<10.0	<10.0
	9/15/2011	4.3	<1.0	<1.0	2.3	6.6	<1.0	(3.5) <11.5	<11.5	<11.5
	11/28/2011	36.7	<1.0	3.5	<2.0	40.2	<1.0	<10.0	<10.0	<10.0
	2/27/2012	16.3	<1.0	1.2	<2.0	17.5	<1.0	NA	NA	NA
	4/26/2012	19.2	0.40 J	1.5	0.85 J	22.0	<1.0	NA	NA	NA
	7/26/2012	<1.0	<1.0	<1.0	<2.0	ND	<1.0	NA	NA	NA
	10/30/2012	<1.0	<1.0	<1.0	<2.0	ND	<1.0	NA	NA	NA
MW-2	12/5/2003	1140	154	4710	10160	16164	491	565	50	87.5
	5/25/2004	1300	400	3400	6000	11100	110	110	9.6	13
	4/12/2005	510	210	8600	3380	12700	11	384	27	41
	5/2/2006	460	<15	2300	1500	4260	<26	350	19	37
	2/20/2007	530	<2.6	2800	1300	4670	<1.9	190	19	38
	4/17/2007	514	50	2720	1620	4904	1211	300	18.5	35.9
	4/4/2008	672	20.3	1820	3100	5612.3	<10	655	65.1	77.7
	5/22/2008	359	14.4	1860	2620	4853.4	<10	388	39.3	48.1
	6/19/2008	274	10.9	1420	1610	3314.9	5.9	346	86.8	89
	8/26/2008	87.3	<5.0	431	461	979.3	<5.0	136	19.2	14.6
	12/9/2008	36.5	<10	1320	123.2	1479.7	<10.0	604	76.9	96.1
	5/26/2009	36.2	<10	913	530	1479.2	<10	316	26.5	40.8
	9/10/2009	192	13.3	5940	797	6942.3	<5	175	29.8	58.4
	12/11/2009	121	<50	2630	554	3335	<50	308	<100	<100
	3/31/2010	26.2	<20	1340	475	1841.2	<20	407	77.5	141
	3/17/2011	51.2	<10.0	2610	719	3380.2	<10.0	(1310) 891	<2.0	<2.0
	5/12/2011	86.7	<20.0	495	1150	1731.7	<20.0	(63.4)	NA	NA
	6/14/2011	168	7.4	779	3200	4154.4	<5.0	(254)	<100	<100
	7/14/2011	184	<10.0	544	1530	2258	<10.0	(163) <263	<263	<263
	9/15/2011	368	9.8	1140	2350	3867.8	<5.0	(333) 147	<20.0	22.8
	11/28/2011	221	<10.0	766	1330	2317	<10.0	41.3	<10.0	<10.0
	2/27/2012	12.2	<2.5	320	166	498.2	<2.5	85.0	<10.0	18.1
	4/26/2012	33.6 J	18.0 J	1110	752	1880	<500	<500	<500	<500
	7/26/2012	14.4	<10.0	687	688	1388.4	<10.0	<200	<200	<200
	10/30/2012	181	10.9	674	1060	3706.9	<5.0	71.9	<10.0	12.5
	2/28/2013	143	<50.0	698	804	1645	NA	(202)	NA	NA
MW-3	12/5/2003	259	332	1540	2002	4133	81.5	<5.0	7.66	<5.0
	5/25/2004	300	200	130	1300	1930	16	11	1.6	3.1
	4/13/2005	<3.2	<10	<10	<30	ND	<10	22	<5.0	5.4
	5/2/2006	280	<15	420	1210	1910	<26	45	8.6	21
	2/19/2007	570	7.21	290	235	1102	<1.9	8	4.7	2.4
	4/17/2007	200	6.26	337	250	793	<0.12	13.5	4.4	7.7
	4/4/2008	186	<2	100	10.6	297	<2	13.6	<11.8	<11.8
	5/22/2008	553	5.2	335	24.1	91.7	1.3	<10.3	<10.3	<10.3
	6/19/2008	252	3.5	150	18.2	423	<20	13.6	<10.9	<10.9
	8/26/2008	10.3	<1.0	1.2	<2.0	11.5	<1.0	<11.1	<11.1	<11.1
	12/9/2008	17.4	<5.0	19.2	<10.0	36.6	<5.0	<11.0	<11.0	<11.0
	5/26/2009	<5	<5.0	<5.0	<10	ND	<5.0	5.5J	12.6	17.6
	9/9/2009	2.7	<1	2.6	<2	5.3	<1	<10	<10	<10
	12/11/2009	30.2	<1	14.8	<2	45	<1	<105	<105	<105
	3/31/2010	10.6	<1.0	10.2	<2.0	20.8	<1.0	<11.1	<11.1	<11.1
	3/17/2011	2.2	<1.0	<1.0	1.9	4.1	<1.0	(<1.0) 1.8	<1.6	<1.6
	6/14/2011	10.5	<1.0	6.0	3.4	19.9	<1.0	(2.7)	<10.0	<10.0
	7/14/2011	17.1	<1.0	16.0	<2.0	33.1	<1.0	(7.0) <10.0	<10.0	<10.0
	9/15/2011	25.9	<1.0	47.1	4.5	77.5	<1.0	(12.4) <11.1	<11.1	<11.1
	11/28/2011	73.0	<1.0	70.2	4.0	147.2	<1.0	<10.0	<10.0	<10.0
	2/27/2012	24.2	<1.0	30.7	<2.0	54.9	<1.0	NA	NA	NA
	4/26/2012	78.3	0.67 J	95.8	6.1	180.9	0.46 J	NA	NA	NA
	7/26/2012	1.6	<1.0	2.1	<2.0	3.7	<1.0	NA	NA	NA
	10/30/2012	1.4	<1.0	1.9	<2.0	3.3	<1.0	NA	NA	NA
	2/28/2013	<5.0	<5.0	<5.0	<10.0	ND	NA	(<5.0)	NA	NA
MW-4	12/5/2003	<1.0	<1.0	<1.0	3.9	3.9	1.29	<5.0	<5.0	<5.0
	5/25/2004	45	<10	35	27	107	<50	2.2	<1.0	<1.0
	4/12/2005	<1.0	<1.0	<1.0	<2.0	ND	<1.0	<5.0	<5.0	<5.0
	5/2/2006	<0.14	<0.29	<0.1	<0.96	ND	<0.51	0.71	0.38	<0.077
	2/20/2007	<0.18	<0.26	<0.26	<0.25	ND	<0.19	<0.026	<0.049	<0.086
	4/16/2007	<0.31	<0.28	<0.31	<1.2	ND	1.72	<0.07	<0.032	<0.098
	4/4/2008	<1	<1	<1	<3	ND	<1	<12	<11.6	<11.6
	5/22/2008	<1	3.6	8.6	54.6	66.8	<1	<12	<10.2	<10.2
	6/19/2008	<1	<1	<1	<3	ND	<1	<12	<12	<12
	Well Destroyed									
MW-4R	12/8/2008	<1	<1	<1	<2	ND	<1	<10.5	<10.5	<10.5
	5/26/2009	<5	<5	<5	<10	ND	<5	<10	<10	<10
	9/9/2009	<1	<1	<1	<2	ND	<1	<10	<10	<10
	12/10/2009	<1	<1	<1	<2	ND	<1	<11.1	<11.1	<11.1
	3/31/2010	<1.0	<1.0	<1.0	<2.0	ND	<11.1	<11.1	<11.1	<11.1
	3/17/2011	<1.0	<1.0	<1.0	<2.0	ND	<1.0	(<1.0) <0.95	<1.4	<1.4
	6/14/2011	<1.0	<1.0	<1.0	<2.0	ND	<1.0	(<1.0)	<10.0	<10.0
	7/14/2011	<1.0	<1.0	<1.0	<2.0	ND	<1.0	(<1.0) <10.0	<10.0	<10.0
	9/15/2011	<1.0	<1.0	<1.0	<2.0	ND	<1.0	(<1.0) <10.5	<10.5	<10.5
	11/28/2011	<1.0	<1.0	<1.0	<2.0	ND	<1.0	<10.2	<10.2	<10.2
	2/27/2012	<1.0	<1.0	<1.0	<2.0	ND	<1.0	NA	NA	NA
	4/26/2012	<1.0	<1.0	<1.0	<2.0	ND	<1.0	NA	NA	NA
	7/26/2012	<1.0	<1.0	<1.0	<2.0	ND	<1.0	NA	NA	NA
	10/30/2012	<1.0	<1.0	<1.0	<2.0	ND	<1.0	NA	NA	NA

**Table 2 - Summary of COC Concentrations in Groundwater
Former Mill Creek Grocery
St. Augustine, Florida**

Sample		Benzene	Toluene	Ethylbenzene	Total Xylenes	Total BTEX	MTBE	Naphthalene	1- Methyl-naphthalene	2-Methyl-naphthalene
Location	Date	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
GCTL Criteria		1	40	30	20	NA	20	14	28	28
NADSC Criteria		100	400	300	200	NA	200	140	280	280
MW-6R	5/25/2004	<1.0	<1.0	2.3	<1.0	2.3	50	<1.0	<1.0	<1.0
	4/12/2005	<1.0	<1.0	7.5	<3.0	7.5	14	<5.0	<5.0	<5.0
	5/2/2006	<0.14	<0.29	<0.1	<0.96	ND	<0.51	0.23	<0.044	<0.077
	2/20/2007	NA	NA	NA	NA	NA	NA	NA	NA	NA
	4/17/2007	NA	NA	NA	NA	NA	NA	NA	NA	NA
	4/4/2008	<1	<1	7.3	<2	7.3	1.7	36.2	30.3	<11.8
	5/22/2008	<1	<1	10.2	<3	10.2	<1	41.3**	30.8**	<20**
	6/19/2008	<1	<1	9	<3	9	1.5	38.1	24.6	14
	8/26/2008	<1.0	<1.0	7.5	<2	7.5	1.7	<11.5	<11.5	<11.5
	12/9/2008	<1	<1	7.1	<2	7.1	<1	23	15.6	<10
	5/28/2009	<5	<5	1.6J	<10	1.6	<5	<10	<10	<10
	9/9/2009	<1	<1	<1	<2	ND	<1	<10	<10	<10
	12/11/2009	<1	<1	<1	<2	ND	<1	<10	<10	<10
	3/31/2010	<1.0	<1.0	<1.0	<2.0	ND	<12.5	<12.5	<12.5	<12.5
	3/17/2011	<1.0	<1.0	<1.0	<2.0	ND	<1.0	(<1.0) <1.2 J	<1.8	<1.8
	6/14/2011	<1.0	<1.0	<1.0	<2.0	ND	<1.0	(<1.0)	<10.0	<10.0
	7/14/2011	<1.0	<1.0	<1.0	<2.0	ND	<1.0	(<1.0) <10.0	<10.0	<10.0
	9/15/2011	<1.0	<1.0	<1.0	<2.0	ND	<1.0	(<1.0) <10.9	<10.9	<10.9
	11/28/2011	<1.0	<1.0	<1.0	<2.0	ND	<1.0	<10.0	<10.0	<10.0
	2/27/2012	<1.0	<1.0	<1.0	<2.0	ND	<1.0	NA	NA	NA
	4/26/2012	<1.0	<1.0	<1.0	<2.0	ND	<1.0	NA	NA	NA
	7/26/2012	<1.0	<1.0	<1.0	<2.0	ND	<1.0	NA	NA	NA
	10/30/2012	<1.0	<1.0	<1.0	<2.0	ND	<1.0	NA	NA	NA
DW-2	5/25/2004	40	22	22	43	127	63	<1.1	<1.1	<1.1
	6/25/2004	17	1.7	13	9	40.7	26	0.53	<0.50	<0.50
	4/13/2005	<1.0	<1.0	<1.0	<3.0	ND	88	<5.0	<5.0	<5.0
	5/2/2006	24	<0.29	10	<0.96	34	97	1.4	<0.3	0.46
	2/20/2007	0.49	<0.26	<0.26	<0.25	0.49	<0.19	0.24	<0.049	<0.086
	4/17/2007	21.2	<0.28	2.52	<1.2	23.72	71.9	0.274	0.0421	<0.10
	4/4/2008	2.2	<1	<1	<3	2.2	10.6	<11.6	<11.6	<11.6
	5/22/2008	21.6	<1	19.5	<3	41.1	42.2	<10.3	<10.3	<10.3
	6/19/2008	56.9	<1	40.2	<3	97.1	108	<11	<11	<11
	8/26/2008	35.9	<1	7.2	<2	43.1	58.3	<12.3	<12.3	<12.3
	12/9/2008	103	1	2.8	3	109.8	138	<10.8	<10.8	<10.8
	5/26/2009	<5.0	<5.0	<5.0	<10	ND	79.8	<10	<10	<10
	9/10/2009	33.9	<1	13.6	2.2	49.7	25.5	<10	<10	<10
	12/11/2009	<1.0	<1.0	<1.0	<2.0	ND	23	<10	<10	<10
	3/31/2010	<1.0	<1.0	<1.0	<2.0	ND	17.6	<10.9	<10.9	<10.9
	3/17/2011	<1.0	<1.0	<1.0	<2.0	ND	2.2	(<1.0) <1.0	<1.5	<1.5
	6/14/2011	<1.0	<1.0	<1.0	<2.0	ND	7.8	(<1.0)	<10.0	<10.0
	7/14/2011	<1.0	<1.0	<1.0	<2.0	ND	28.7	(3.2) <10.0	<10.0	<10.0
	9/15/2011	<1.0	<1.0	<1.0	<2.0	ND	<1.0	(<1.0) <11.8	<11.8	<11.8
	11/28/2011	<1.0	<1.0	<1.0	<2.0	ND	14.0	<10.0	<10.0	<10.0
	2/27/2012	<1.0	<1.0	<1.0	<2.0	ND	23.8	NA	NA	NA
	4/26/2012	<1.0	<1.0	0.65 J	<2.0	0.65	9.5	NA	NA	NA
	7/26/2012	<1.0	<1.0	<1.0	<2.0	ND	4.2	NA	NA	NA
	10/30/2012	<1.0	<1.0	<1.0	<2.0	ND	<1.0	NA	NA	NA
IW-1	11/28/2011	<10.0	<10.0	<10.0	<20.0	ND	<10.0	NA	NA	NA
	10/30/2012	<10.0	70.6	<10.0	<20.0	70.6	<10.0	NA	NA	NA
IW-2	2/28/2013	<50.0	<50.0	<50.0	<100	ND	NA	NA	NA	NA
	11/29/2011	<5.0	<5.0	579	517	1096	<5.0	NA	NA	NA
IW-3	10/30/2012	<5.0	<5.0	211	166	377	<5.0	NA	NA	NA
	2/28/2013	<10.0	<10.0	407	330	737	NA	NA	NA	NA
IW-4	11/29/2011	2.1	8.1	200	313	523.2	<1.0	NA	NA	NA
	10/30/2012	NA	NA	NA	NA	NA	NA	NA	NA	NA
IW-4	2/28/2013	<10.0	<10.0	129	180	309	NA	NA	NA	NA
	11/28/2011	7.8	<1.0	118	5.6	131.4	<1.0	NA	NA	NA
	10/30/2012	14.0	87.7	133	6.2	240.9	<1.0	NA	NA	NA
	2/28/2013	8.6	87.1	99.7	<10.0	195.4	NA	NA	NA	NA

Notes:

ug/L=micrograms per liter

Results for naphthalene in parentheses indicate the result was obtained by 8260 analysis.

ND=Not Detected

NA=Not Analyzed

GCTL=Groundwater Cleanup Target Level

NADSC=Natural Attenuation Default Source Concentration

** Samples collected on May 29, 2008

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

Bold values exceed NADSC levels

**Table 3 - Summary of Inorganic Parameters
Former Mill Creek Grocery
St. Augustine, Florida**

Location	Date	Total Dissolved Solids	Surfactant (MBAS)	Surfactant (CTAS)	Sulfate	Iron
		mg/L	mg/L	mg/L	mg/L	mg/L
MW-1	SSTL	760	0.5	0.5	250	13.5
	4/4/2008	728	NA	NA	<5.0	2.41
	5/22/2008	1,020	NA	NA	179	1.79
	6/20/2008	2.08	NA	NA	1400	2.96
	8/26/2008	1,910	NA	NA	913	1.2
	12/9/2008	1,660	NA	NA	551	0.535
	5/26/2009	890	NA	NA	181	0.367
	9/10/2009	962	NA	NA	133	0.545
	12/11/2009	580	NA	NA	86.1	0.621
	3/31/2010	314	NA	NA	17.6	0.786
	3/17/2011	890	0.16 J	NA	182	1.55
	6/14/2011	521	<1.0	NA	42.2	0.835
	7/14/2011	672	0.55 J	NA	44.0	0.319
	9/15/2011	643	<0.80	NA	60.3	0.123
	11/28/2011	797	0.07	1.3	68.9	0.127
	2/27/2012	703	NA	<0.5	49.2	0.067
	4/26/2012	684	NA	<0.5	32.6	0.108
	7/26/2012	604	NA	<0.5	80.3	2.05
	10/30/2012	503	NA	<1.0	40.2	0.406
MW-2	4/4/2008	588	NA	NA	<5.0	5.03
	5/22/2008	5,050	NA	NA	2990	176
	6/20/2008	5,600	NA	NA	3020	252
	8/26/2008	1,060	NA	NA	145	1.82
	12/9/2008	784	NA	NA	292	17.7
	5/26/2009	884	NA	NA	149	0.907
	9/10/2009	886	NA	NA	102	33.6
	12/11/2009	530	NA	NA	27.8	1.78
	3/31/2010	356	NA	NA	77.7	3.32
	3/17/2011	1,370	0.22	NA	493	4.46
	6/14/2011	18,880	7.0 J	NA	173	4.15
	7/14/2011	6,860	6.0	NA	<5.0	7.46
	9/15/2011	3,280	1.0 J	NA	<5.0	7.64
MW-2R	11/28/2011	2,380	0.26	1.7	27.3	3.00
	2/27/2012	4,200	NA	1.9	<5.0	2.94
	4/26/2012	40,100	NA	3.4	<100	77.7
	7/26/2012	10,700	NA	<2.0	<2.0	9.73
	10/30/2012	1,380	NA	2.1	<2.0	5.98
	2/28/2013	1,170	NA	<2.5	115	NA
	2/20/2007	1,400	NA	NA	NA	NA
	4/4/2008	708	NA	NA	<5.0	7.23
MW-3	5/22/2008	948	NA	NA	146	2.36
	6/20/2008	4,860	NA	NA	2240	12.9
	8/26/2008	3,430	NA	NA	1950	9.68
	12/9/2008	1,540	NA	NA	516	6.73
	5/26/2009	962	NA	NA	179	8.99
	9/9/2009	1,040	NA	NA	251	3.96
	12/11/2009	1,080	NA	NA	321	7.31
	3/31/2010	966	NA	NA	255	4.3
	3/17/2011	1,110	0.10 J	NA	209	21.3
	6/14/2011	779	<2.0	NA	46.3	0.487
	7/14/2011	914	0.30 J	NA	109	0.436
	9/15/2011	802	<0.80	NA	31.7	0.244
	11/28/2011	787	0.16	<0.5	10.3	0.481
	2/27/2012	780	NA	<0.5	7.9	1.14
	4/26/2012	893	NA	<0.5	5.0	0.907
	7/26/2012	503	NA	<0.5	5.6	0.235
	10/30/2012	550	NA	<1.0	18.5	1.39
MW-4	4/4/2008	520	NA	NA	57.4	0.186
	5/22/2008	530	NA	NA	72.4	1.21
	6/20/2008	958	NA	NA	364	0.534
Well Destroyed						

**Table 3 - Summary of Inorganic Parameters
Former Mill Creek Grocery
St. Augustine, Florida**

Location	Date	Total Dissolved Solids	Surfactant (MBAS)	Surfactant (CTAS)	Sulfate	Iron
		mg/L	mg/L	mg/L	mg/L	mg/L
MW-4R	12/8/2008	744	NA	NA	187	2.98
	5/26/2009	1,370	NA	NA	<5	2.73
	9/9/2009	1140	NA	NA	<5	0.819
	12/10/2009	812	NA	NA	77.8	0.779
	3/31/2010	842	NA	NA	<5.0	0.401
	3/17/2011	745	0.16 J	NA	26.4	0.427
	6/14/2011	625	<4.0	NA	32.4	0.914
	7/14/2011	706	0.42	NA	17.2	1.67
	9/15/2011	576	0.23	NA	<5.0	0.386
	11/28/2011	676	0.11	<0.5	9.6	0.332
	2/27/2012	580	NA	<0.5	13.8	0.658
	4/26/2012	563	NA	<0.6	26.3	1.63
	7/26/2012	749	NA	<0.5	3.1	0.53
	10/30/2012	709	NA	0.8	2.4	0.8
	4/4/2008	760	NA	NA	<5.0	13.5
MW-6R	5/22/2008	632	NA	NA	<5.0	13.2
	6/20/2008	836	NA	NA	6.1	17.8
	8/26/2008	692	NA	NA	89.4	9.54
	12/9/2008	870	NA	NA	171	3.4
	5/26/2009	594	NA	NA	81.4	2.06
	9/9/2009	248	NA	NA	8.2	0.897
	12/11/2009	248	NA	NA	35.8	1.69
	3/31/2010	324	NA	NA	46.0	3.26
	3/17/2011	357	0.12 J	NA	168	12.9
	6/14/2011	543	<4.0	NA	197	13.6
	7/14/2011	493	0.34 J	NA	168	17
	9/15/2011	542	0.18 J	NA	238	1.95
	11/28/2011	754	0.06	<0.5	338	27.5
	2/28/2012	729	NA	<0.5	<5.0	24.8
	4/26/2012	699	NA	<0.6	342	24.6
	7/26/2012	747	NA	<0.5	237	3.13
	10/30/2012	677	NA	1.8	166	3.54
	4/4/2008	212	NA	NA	41.3	4.72
DW-2	5/22/2008	280	NA	NA	96	10.4
	6/20/2008	290	NA	NA	52.8	8.22
	8/26/2008	990	NA	NA	494	5.54
	12/9/2008	490	NA	NA	248	8.45
	5/26/2009	882	NA	NA	367	21.8
	9/10/2009	360	NA	NA	205	20.7
	12/11/2009	304	NA	NA	178	19.4
	3/31/2010	292	NA	NA	162	15.4
	3/17/2011	179	<0.20	NA	49.1	0.0763
	6/14/2011	230	<2.0	NA	65.8	5.52
	7/14/2011	441	0.15 J	NA	226	22.2
	9/15/2011	227	0.16 J	NA	21.8	0.075
	11/28/2011	417	<0.05	<0.5	179	14.7
	2/27/2012	547	NA	<0.5	301	21.0
	4/26/2012	422	NA	<0.5	225	16.0
	7/26/2012	236	NA	<0.5	23.4	6.43
	10/30/2012	223	NA	<0.5	30.7	2.79

NOTES:

mg/L = milligrams per liter

NA = Not Analyzed

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MBAS = Methylene Blue Active Substances (Anionic Surfactants)

CTAS = Cobalt Thiocyanate Active Substances (Non-ionic Surfactants)

Figures

Figure 1	Site Location Map
Figure 2	Site Map with Groundwater Elevations
Figure 3	2008 and 2013 Estimated Areas of Impact

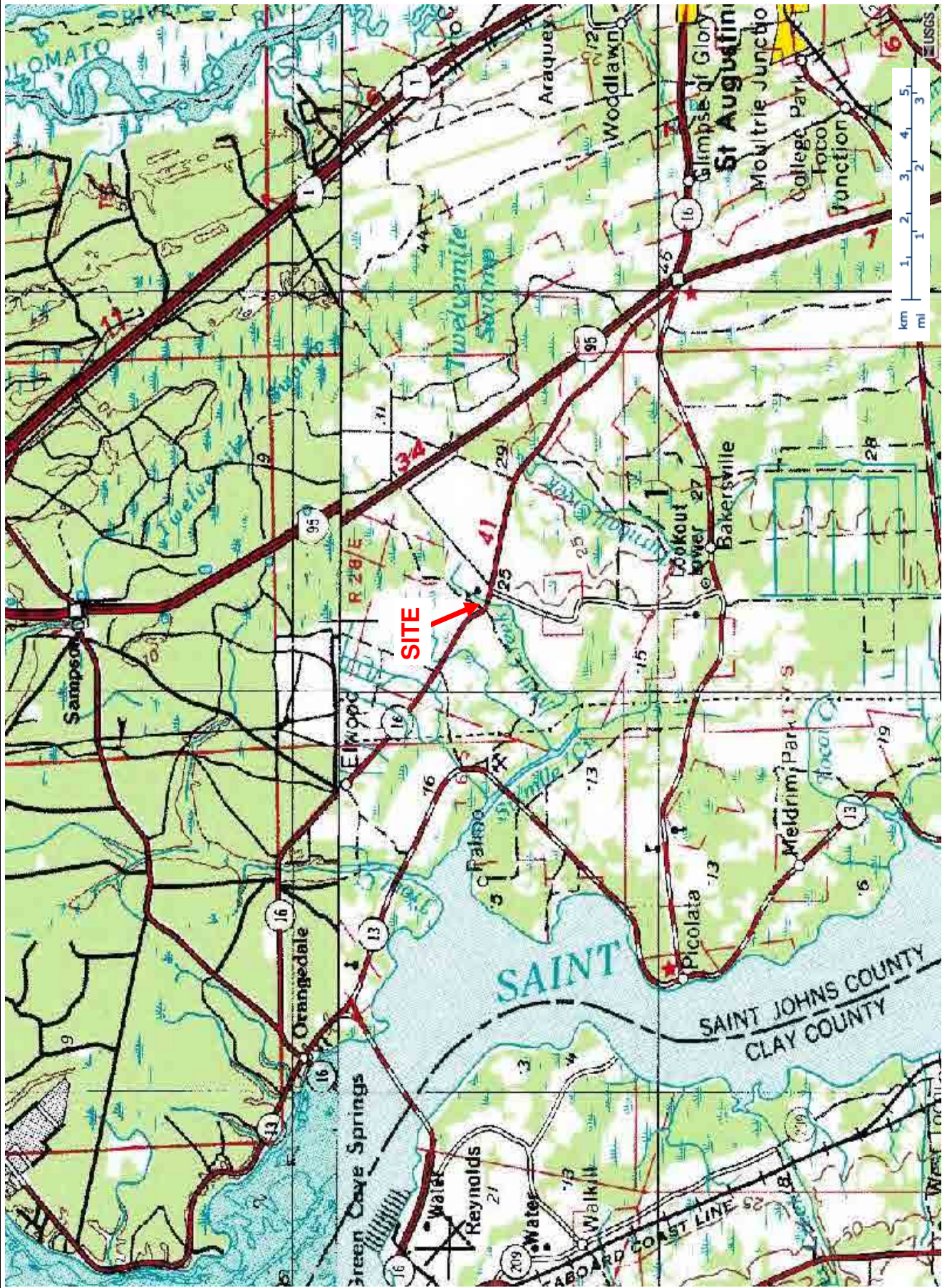


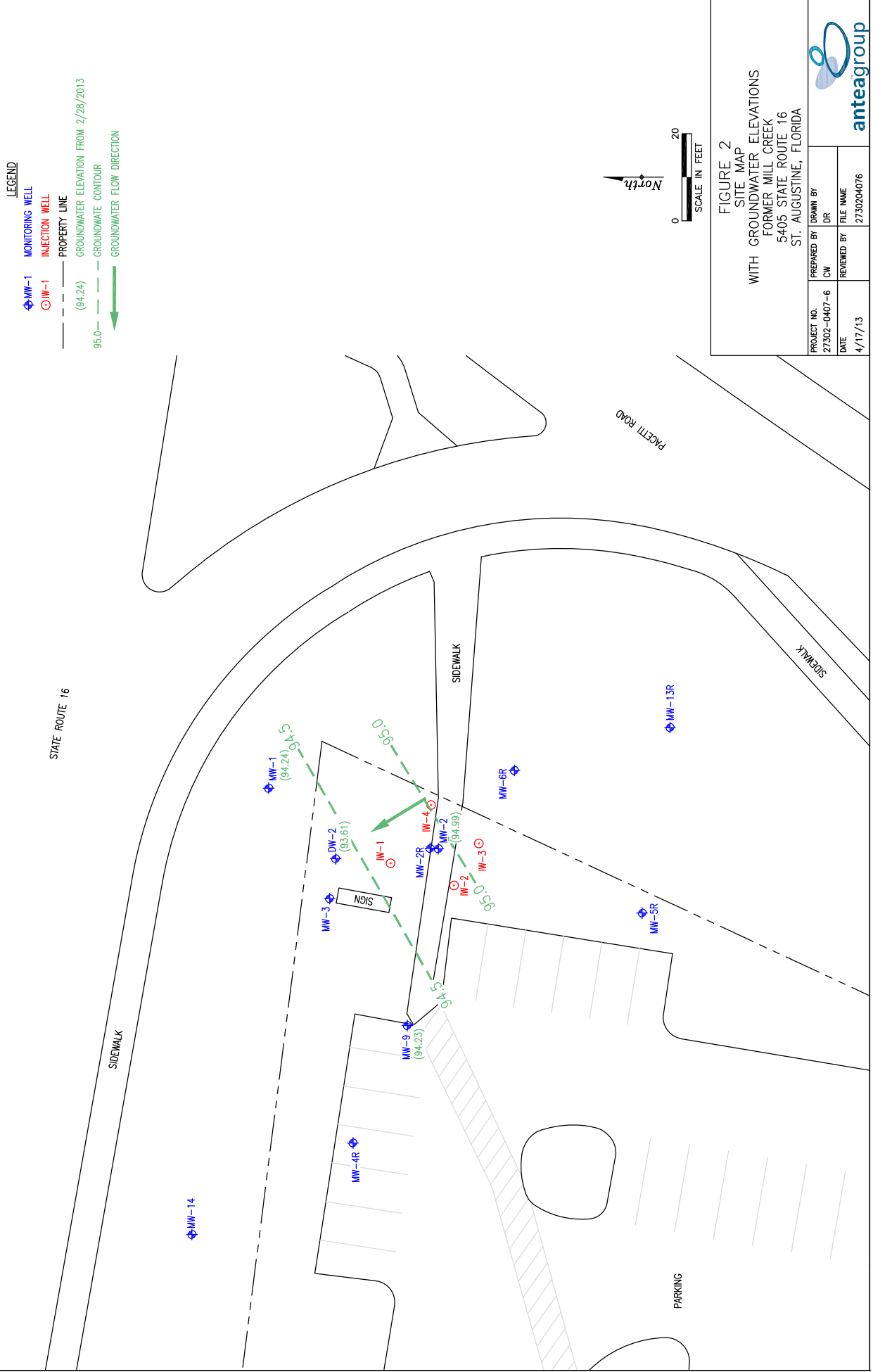
FIGURE 1 - SITE LOCATION MAP

Former Mill Creek
 5405 State Route 16
 St. Augustine, Florida

PROJECT NO: 5E0909163P
DATE: 8/8/2011
SCALE:
DRAWN BY: AU



800 Dutch Square Blvd., Ste. B-111
 Columbia, SC 29210



LEGEND

 MW-1 MONITORING WELL
 IW-1 INJECTION WELL
 PROPERTY LINE

STATE ROUTE 16

SIDEWALK

2008 ESTIMATED
AREA OF IMPACT

NOIS

SIDEWALK

2013 AREA
OF IMPACT

PACETTI ROAD

North

0 20
SCALE IN FEET

FIGURE 3
2008 AND 2013 ESTIMATED AREAS OF IMPACT

FORMER MILL CREEK
5405 STATE ROUTE 16
ST. AUGUSTINE, FLORIDA



PROJECT NO. 27302-0407-6	PREPARED BY CW	DRAWN BY DR
DATE 3/22/13	REVIEWED BY	FILE NAME 2730204076

MW-14

MW-4R

MW-9

MW-3

DW-2

MW-1

MW-2R

IW-1

MW-2

IW-4

IW-2

IW-3

MW-6R

MW-5R

MW-13R

PARKING

Appendix B

Laboratory Analytical Reports and Chain-of-Custody Records



Pace Analytical Services, Inc.
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(828)254-7176

Pace Analytical Services, Inc.
9800 Kinsey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

March 12, 2013

Mr. Dean Salisbury
Antea Group
800 Dutch Square Blvd
Suite B-111
Columbia, SC 29210

RE: Project: Former Mill Creek
Pace Project No.: 92149680

Dear Mr. Salisbury:

Enclosed are the analytical results for sample(s) received by the laboratory on March 01, 2013. The results relate only to the samples included in this report. Results reported herein conform to the most current TNI standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

Analyses were performed at the Pace Analytical Services location indicated on the sample analyte page for analysis unless otherwise footnoted.

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

Sincerely,

Angela Baioni

angela.baioni@pacelabs.com
Project Manager

Enclosures



REPORT OF LABORATORY ANALYSIS

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CERTIFICATIONS

Project: Former Mill Creek
Pace Project No.: 92149680

Charlotte Certification IDs

9800 Kinsey Ave. Ste 100, Huntersville, NC 28078
North Carolina Drinking Water Certification #: 37706
North Carolina Field Services Certification #: 5342
North Carolina Wastewater Certification #: 12
South Carolina Certification #: 99006001

Florida/NELAP Certification #: E87627
Kentucky UST Certification #: 84
West Virginia Certification #: 357
Virginia/VELAP Certification #: 460221

Asheville Certification IDs

2225 Riverside Dr., Asheville, NC 28804
Florida/NELAP Certification #: E87648
Massachusetts Certification #: M-NC030
North Carolina Drinking Water Certification #: 37712

North Carolina Wastewater Certification #: 40
South Carolina Certification #: 99030001
West Virginia Certification #: 356
Virginia/VELAP Certification #: 460222

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SAMPLE SUMMARY

Project: Former Mill Creek
Pace Project No.: 92149680

Lab ID	Sample ID	Matrix	Date Collected	Date Received
92149680001	MW-2R	Water	02/28/13 00:00	03/01/13 09:30
92149680002	MW-3	Water	02/28/13 00:00	03/01/13 09:30
92149680003	IW-1	Water	02/28/13 00:00	03/01/13 09:30
92149680004	IW-2	Water	02/28/13 00:00	03/01/13 09:30
92149680005	IW-3	Water	02/28/13 00:00	03/01/13 09:30
92149680006	IW-4	Water	02/28/13 00:00	03/01/13 09:30
92149680007	TRIP BLANK	Water	02/28/13 00:00	03/01/13 09:30

REPORT OF LABORATORY ANALYSIS

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SAMPLE ANALYTE COUNT

Project: Former Mill Creek
Pace Project No.: 92149680

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92149680001	MW-2R	EPA 8260	MCK	11	PASI-C
		SM 2540C	JTM	1	PASI-A
		EPA 300.0	AES	1	PASI-A
92149680002	MW-3	EPA 8260	MCK	11	PASI-C
92149680003	IW-1	EPA 8260	MCK	10	PASI-C
92149680004	IW-2	EPA 8260	MCK	10	PASI-C
92149680005	IW-3	EPA 8260	MCK	10	PASI-C
92149680006	IW-4	EPA 8260	MCK	10	PASI-C
92149680007	TRIP BLANK	EPA 8260	MCK	10	PASI-C

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Former Mill Creek

Pace Project No.: 92149680

Sample: MW-2R		Lab ID: 92149680001	Collected: 02/28/13 00:00	Received: 03/01/13 09:30	Matrix: Water			
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260						
Benzene	143	ug/L	50.0	10		03/08/13 09:58	71-43-2	D3
Ethylbenzene	698	ug/L	50.0	10		03/08/13 09:58	100-41-4	
Naphthalene	202	ug/L	50.0	10		03/08/13 09:58	91-20-3	
Toluene	ND	ug/L	50.0	10		03/08/13 09:58	108-88-3	
Xylene (Total)	804	ug/L	100	10		03/08/13 09:58	1330-20-7	
m&p-Xylene	797	ug/L	100	10		03/08/13 09:58	179601-23-1	
o-Xylene	ND	ug/L	50.0	10		03/08/13 09:58	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	97	%	70-130	10		03/08/13 09:58	460-00-4	
Dibromofluoromethane (S)	100	%	70-130	10		03/08/13 09:58	1868-53-7	
1,2-Dichloroethane-d4 (S)	96	%	70-130	10		03/08/13 09:58	17060-07-0	
Toluene-d8 (S)	94	%	70-130	10		03/08/13 09:58	2037-26-5	
2540C Total Dissolved Solids		Analytical Method: SM 2540C						
Total Dissolved Solids	1170	mg/L	25.0	1		03/04/13 14:29		
300.0 IC Anions 28 Days		Analytical Method: EPA 300.0						
Sulfate	115	mg/L	20.0	10		03/06/13 12:24	14808-79-8	



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ANALYTICAL RESULTS

Project: Former Mill Creek

Pace Project No.: 92149680

Sample: MW-3		Lab ID: 92149680002	Collected: 02/28/13 00:00	Received: 03/01/13 09:30	Matrix: Water			
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260						
Benzene	ND ug/L		5.0	1		03/08/13 10:14	71-43-2	
Ethylbenzene	ND ug/L		5.0	1		03/08/13 10:14	100-41-4	
Naphthalene	ND ug/L		5.0	1		03/08/13 10:14	91-20-3	
Toluene	ND ug/L		5.0	1		03/08/13 10:14	108-88-3	
Xylene (Total)	ND ug/L		10.0	1		03/08/13 10:14	1330-20-7	
m&p-Xylene	ND ug/L		10.0	1		03/08/13 10:14	179601-23-1	
o-Xylene	ND ug/L		5.0	1		03/08/13 10:14	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	94 %		70-130	1		03/08/13 10:14	460-00-4	
Dibromofluoromethane (S)	103 %		70-130	1		03/08/13 10:14	1868-53-7	
1,2-Dichloroethane-d4 (S)	98 %		70-130	1		03/08/13 10:14	17060-07-0	
Toluene-d8 (S)	96 %		70-130	1		03/08/13 10:14	2037-26-5	



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ANALYTICAL RESULTS

Project: Former Mill Creek

Pace Project No.: 92149680

Sample: IW-1		Lab ID: 92149680003		Collected: 02/28/13 00:00		Received: 03/01/13 09:30		Matrix: Water	
Parameters		Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260							
Benzene	ND	ug/L	50.0	10		03/08/13 10:30	71-43-2		D3,F1
Ethylbenzene	ND	ug/L	50.0	10		03/08/13 10:30	100-41-4		
Toluene	ND	ug/L	50.0	10		03/08/13 10:30	108-88-3		
Xylene (Total)	ND	ug/L	100	10		03/08/13 10:30	1330-20-7		
m&p-Xylene	ND	ug/L	100	10		03/08/13 10:30	179601-23-1		
o-Xylene	ND	ug/L	50.0	10		03/08/13 10:30	95-47-6		
Surrogates									
4-Bromofluorobenzene (S)	99	%	70-130	10		03/08/13 10:30	460-00-4		
Dibromofluoromethane (S)	106	%	70-130	10		03/08/13 10:30	1868-53-7		
1,2-Dichloroethane-d4 (S)	99	%	70-130	10		03/08/13 10:30	17060-07-0		
Toluene-d8 (S)	94	%	70-130	10		03/08/13 10:30	2037-26-5		



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ANALYTICAL RESULTS

Project: Former Mill Creek

Pace Project No.: 92149680

Sample: IW-2		Lab ID: 92149680004		Collected: 02/28/13 00:00		Received: 03/01/13 09:30		Matrix: Water	
Parameters		Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260							
Benzene	ND	ug/L	10.0	2		03/08/13 10:46	71-43-2		
Ethylbenzene	407	ug/L	50.0	10		03/08/13 19:36	100-41-4		
Toluene	ND	ug/L	10.0	2		03/08/13 10:46	108-88-3		
Xylene (Total)	330	ug/L	20.0	2		03/08/13 10:46	1330-20-7		
m&p-Xylene	325	ug/L	20.0	2		03/08/13 10:46	179601-23-1		
o-Xylene	ND	ug/L	10.0	2		03/08/13 10:46	95-47-6		
Surrogates									
4-Bromofluorobenzene (S)	94	%	70-130	2		03/08/13 10:46	460-00-4		
Dibromofluoromethane (S)	105	%	70-130	2		03/08/13 10:46	1868-53-7		
1,2-Dichloroethane-d4 (S)	95	%	70-130	2		03/08/13 10:46	17060-07-0		
Toluene-d8 (S)	98	%	70-130	2		03/08/13 10:46	2037-26-5		



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ANALYTICAL RESULTS

Project: Former Mill Creek

Pace Project No.: 92149680

Sample: IW-3		Lab ID: 92149680005	Collected: 02/28/13 00:00		Received: 03/01/13 09:30		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260						
Benzene	ND	ug/L	10.0	2		03/08/13 11:02	71-43-2	
Ethylbenzene	129	ug/L	10.0	2		03/08/13 11:02	100-41-4	D3
Toluene	ND	ug/L	10.0	2		03/08/13 11:02	108-88-3	
Xylene (Total)	180	ug/L	20.0	2		03/08/13 11:02	1330-20-7	
m&p-Xylene	139	ug/L	20.0	2		03/08/13 11:02	179601-23-1	
o-Xylene	40.6	ug/L	10.0	2		03/08/13 11:02	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	97	%	70-130	2		03/08/13 11:02	460-00-4	
Dibromofluoromethane (S)	103	%	70-130	2		03/08/13 11:02	1868-53-7	
1,2-Dichloroethane-d4 (S)	94	%	70-130	2		03/08/13 11:02	17060-07-0	
Toluene-d8 (S)	94	%	70-130	2		03/08/13 11:02	2037-26-5	



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ANALYTICAL RESULTS

Project: Former Mill Creek

Pace Project No.: 92149680

Sample: IW-4		Lab ID: 92149680006		Collected: 02/28/13 00:00		Received: 03/01/13 09:30		Matrix: Water	
Parameters		Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260							
Benzene	8.6	ug/L	5.0	1		03/08/13 11:18	71-43-2		
Ethylbenzene	99.7	ug/L	5.0	1		03/08/13 11:18	100-41-4		
Toluene	87.1	ug/L	5.0	1		03/08/13 11:18	108-88-3		
Xylene (Total)	ND	ug/L	10.0	1		03/08/13 11:18	1330-20-7		
m&p-Xylene	ND	ug/L	10.0	1		03/08/13 11:18	179601-23-1		
o-Xylene	ND	ug/L	5.0	1		03/08/13 11:18	95-47-6		
Surrogates									
4-Bromofluorobenzene (S)	97	%	70-130	1		03/08/13 11:18	460-00-4		
Dibromofluoromethane (S)	102	%	70-130	1		03/08/13 11:18	1868-53-7		
1,2-Dichloroethane-d4 (S)	97	%	70-130	1		03/08/13 11:18	17060-07-0		
Toluene-d8 (S)	93	%	70-130	1		03/08/13 11:18	2037-26-5		



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ANALYTICAL RESULTS

Project: Former Mill Creek

Pace Project No.: 92149680

Sample: TRIP BLANK		Lab ID: 92149680007		Collected: 02/28/13 00:00		Received: 03/01/13 09:30		Matrix: Water	
Parameters		Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260							
Benzene	ND	ug/L	5.0	1		03/08/13 08:55	71-43-2		
Ethylbenzene	ND	ug/L	5.0	1		03/08/13 08:55	100-41-4		
Toluene	ND	ug/L	5.0	1		03/08/13 08:55	108-88-3		
Xylene (Total)	ND	ug/L	10.0	1		03/08/13 08:55	1330-20-7		
m&p-Xylene	ND	ug/L	10.0	1		03/08/13 08:55	179601-23-1		
o-Xylene	ND	ug/L	5.0	1		03/08/13 08:55	95-47-6		
Surrogates									
4-Bromofluorobenzene (S)	103	%	70-130	1		03/08/13 08:55	460-00-4		
Dibromofluoromethane (S)	107	%	70-130	1		03/08/13 08:55	1868-53-7		
1,2-Dichloroethane-d4 (S)	100	%	70-130	1		03/08/13 08:55	17060-07-0		
Toluene-d8 (S)	95	%	70-130	1		03/08/13 08:55	2037-26-5		



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QUALITY CONTROL DATA

Project: Former Mill Creek

Pace Project No.: 92149680

QC Batch: MSV/22251

Analysis Method: EPA 8260

QC Batch Method: EPA 8260

Analysis Description: 8260 MSV

Associated Lab Samples: 92149680007

METHOD BLANK: 934575

Matrix: Water

Associated Lab Samples: 92149680007

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Benzene	ug/L	ND	5.0	03/08/13 01:15	
Ethylbenzene	ug/L	ND	5.0	03/08/13 01:15	
m&p-Xylene	ug/L	ND	10.0	03/08/13 01:15	
o-Xylene	ug/L	ND	5.0	03/08/13 01:15	
Toluene	ug/L	ND	5.0	03/08/13 01:15	
Xylene (Total)	ug/L	ND	10.0	03/08/13 01:15	
1,2-Dichloroethane-d4 (S)	%	105	70-130	03/08/13 01:15	
4-Bromofluorobenzene (S)	%	101	70-130	03/08/13 01:15	
Dibromofluoromethane (S)	%	106	70-130	03/08/13 01:15	
Toluene-d8 (S)	%	97	70-130	03/08/13 01:15	

LABORATORY CONTROL SAMPLE: 934576

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Benzene	ug/L	50	51.0	102	70-130	
Ethylbenzene	ug/L	50	53.2	106	70-130	
m&p-Xylene	ug/L	100	109	109	70-130	
o-Xylene	ug/L	50	54.4	109	70-130	
Toluene	ug/L	50	51.4	103	70-130	
Xylene (Total)	ug/L	150	163	109	70-130	
1,2-Dichloroethane-d4 (S)	%			97	70-130	
4-Bromofluorobenzene (S)	%			103	70-130	
Dibromofluoromethane (S)	%			102	70-130	
Toluene-d8 (S)	%			97	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 934577

934578

Parameter	Units	92149821004 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	Max RPD	Qual
Benzene	ug/L	ND	50	50	49.3	48.6	99	97	58-162	1	30
Toluene	ug/L	ND	50	50	54.9	55.1	110	110	65-152	0	30
1,2-Dichloroethane-d4 (S)	%						98	96	70-130		
4-Bromofluorobenzene (S)	%						97	100	70-130		
Dibromofluoromethane (S)	%						103	100	70-130		
Toluene-d8 (S)	%						96	95	70-130		



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QUALITY CONTROL DATA

Project: Former Mill Creek

Pace Project No.: 92149680

QC Batch: MSV/22252 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV
Associated Lab Samples: 92149680001, 92149680002, 92149680003, 92149680004, 92149680005, 92149680006

METHOD BLANK: 934582 Matrix: Water
Associated Lab Samples: 92149680001, 92149680002, 92149680003, 92149680004, 92149680005, 92149680006

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Benzene	ug/L	ND	5.0	03/08/13 01:31	
Ethylbenzene	ug/L	ND	5.0	03/08/13 01:31	
m&p-Xylene	ug/L	ND	10.0	03/08/13 01:31	
Naphthalene	ug/L	ND	5.0	03/08/13 01:31	
o-Xylene	ug/L	ND	5.0	03/08/13 01:31	
Toluene	ug/L	ND	5.0	03/08/13 01:31	
Xylene (Total)	ug/L	ND	10.0	03/08/13 01:31	
1,2-Dichloroethane-d4 (S)	%	105	70-130	03/08/13 01:31	
4-Bromofluorobenzene (S)	%	100	70-130	03/08/13 01:31	
Dibromofluoromethane (S)	%	111	70-130	03/08/13 01:31	
Toluene-d8 (S)	%	96	70-130	03/08/13 01:31	

LABORATORY CONTROL SAMPLE: 934583

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Benzene	ug/L	50	51.0	102	70-130	
Ethylbenzene	ug/L	50	53.2	106	70-130	
m&p-Xylene	ug/L	100	109	109	70-130	
Naphthalene	ug/L	50	54.2	108	70-130	
o-Xylene	ug/L	50	54.4	109	70-130	
Toluene	ug/L	50	51.4	103	70-130	
Xylene (Total)	ug/L	150	163	109	70-130	
1,2-Dichloroethane-d4 (S)	%			97	70-130	
4-Bromofluorobenzene (S)	%			103	70-130	
Dibromofluoromethane (S)	%			102	70-130	
Toluene-d8 (S)	%			97	70-130	



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QUALITY CONTROL DATA

Project: Former Mill Creek

Pace Project No.: 92149680

QC Batch: WET/24410

Analysis Method: SM 2540C

QC Batch Method: SM 2540C

Analysis Description: 2540C Total Dissolved Solids

Associated Lab Samples: 92149680001

METHOD BLANK: 931954

Matrix: Water

Associated Lab Samples: 92149680001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Total Dissolved Solids	mg/L	ND	25.0	03/04/13 14:27	

LABORATORY CONTROL SAMPLE: 931955

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Total Dissolved Solids	mg/L	250	232	93	80-120	

SAMPLE DUPLICATE: 931956

Parameter	Units	92149349001 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Dissolved Solids	mg/L	ND	53.0		20	



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QUALITY CONTROL DATA

Project: Former Mill Creek

Pace Project No.: 92149680

QC Batch: WETA/14675

Analysis Method: EPA 300.0

QC Batch Method: EPA 300.0

Analysis Description: 300.0 IC Anions

Associated Lab Samples: 92149680001

METHOD BLANK: 932135

Matrix: Water

Associated Lab Samples: 92149680001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Sulfate	mg/L	ND	2.0	03/05/13 15:06	

LABORATORY CONTROL SAMPLE: 932136

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Sulfate	mg/L	20	19.0	95	90-110	

MATRIX SPIKE SAMPLE: 932137

Parameter	Units	92149771001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Sulfate	mg/L	14.9	20	34.9	100	90-110	

MATRIX SPIKE SAMPLE: 932139

Parameter	Units	92149684013 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Sulfate	mg/L	11.1	20	31.0	99	90-110	

SAMPLE DUPLICATE: 932138

Parameter	Units	92149771001 Result	Dup Result	RPD	Max RPD	Qualifiers
Sulfate	mg/L	14.9	15.0	1	20	

SAMPLE DUPLICATE: 932140

Parameter	Units	92149684013 Result	Dup Result	RPD	Max RPD	Qualifiers
Sulfate	mg/L	11.1	10.2	8	20	



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QUALIFIERS

Project: Former Mill Creek
Pace Project No.: 92149680

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to changes in sample preparation, dilution of the sample aliquot, or moisture content.

ND - Not Detected at or above adjusted reporting limit.

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PRL - Pace Reporting Limit.

RL - Reporting Limit.

S - Surrogate

1,2-Diphenylhydrazine (8270 listed analyte) decomposes to Azobenzene.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Acid preservation may not be appropriate for 2-Chloroethylvinyl ether, Styrene, and Vinyl chloride.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

LABORATORIES

PASI-A Pace Analytical Services - Asheville

PASI-C Pace Analytical Services - Charlotte

ANALYTE QUALIFIERS

D3 Sample was diluted due to the presence of high levels of non-target analytes or other matrix interference.

F1 The sample was analyzed at a dilution due to foaming of the sample in the purge vessel.



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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Former Mill Creek
Pace Project No.: 92149680

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92149680001	MW-2R	EPA 8260	MSV/22252		
92149680002	MW-3	EPA 8260	MSV/22252		
92149680003	IW-1	EPA 8260	MSV/22252		
92149680004	IW-2	EPA 8260	MSV/22252		
92149680005	IW-3	EPA 8260	MSV/22252		
92149680006	IW-4	EPA 8260	MSV/22252		
92149680007	TRIP BLANK	EPA 8260	MSV/22251		
92149680001	MW-2R	SM 2540C	WET/24410		
92149680001	MW-2R	EPA 300.0	WETA/14675		



Document Name:
Sample Condition Upon Receipt (SCUR)
Document Number:
F-CHR-CS-03-rev.09

Document Revised: February 28, 2013
Page 1 of 2
Issuing Authority:
Pace Huntersville Quality Office

Client Name: Anke Project # 92149680

Where Received: ☒ Huntersville ☐ Asheville ☐ Eden ☐ Raleigh

Courier: ☐ Fed Ex ☐ UPS ☐ USPS ☐ Client ☐ Commercial ☐ Pace Other _____

Custody Seal on Cooler/Box Present: ☒ yes ☐ no Seals intact: ☐ yes ☐ no

Packing Material: ☐ Bubble Wrap ☒ Bubble Bags ☐ None ☐ Other _____

Thermometer Used: IR Gun T1101 T1102 Type of Ice: Wet Blue None ☐ Samples on ice, cooling process has begun

Temp Correction Factor T1101: No Correction T1102: No Correction

Corrected Cooler Temp.: 3.4 C

Biological Tissue is Frozen: Yes No N/A

Date and Initials of person examining contents: mmjll

Temp should be above freezing to 6°C

Comments:

Chain of Custody Present:	☒ Yes ☐ No ☐ N/A	1.
Chain of Custody Filled Out:	☒ Yes ☐ No ☐ N/A	2.
Chain of Custody Relinquished:	☒ Yes ☐ No ☐ N/A	3.
Sampler Name & Signature on COC:	☒ Yes ☐ No ☐ N/A	4.
Samples Arrived within Hold Time:	☒ Yes ☐ No ☐ N/A	5.
Short Hold Time Analysis (<72hr):	☐ Yes ☒ No ☐ N/A	6.
Rush Turn Around Time Requested:	☐ Yes ☒ No ☐ N/A	7.
Sufficient Volume:	☒ Yes ☐ No ☐ N/A	8.
Correct Containers Used:	☐ Yes ☐ No ☐ N/A	9.
-Pace Containers Used:	☒ Yes ☐ No ☐ N/A	
Containers Intact:	☒ Yes ☐ No ☐ N/A	10.
Filtered volume received for Dissolved tests	☐ Yes ☒ No ☐ N/A	11.
Sample Labels match COC:	☒ Yes ☒ No ☐ N/A	12. <u>received sulfate for #1 not on COC</u>
-Includes date/time/ID/Analysis Matrix:		
All containers needing preservation have been checked.	☒ Yes ☐ No ☐ N/A	13.
All containers needing preservation are found to be in compliance with EPA recommendation.	☒ Yes ☐ No ☐ N/A	
exceptions: VOA, coliform, TOC, O&G, WI-DRO (water)	☒ Yes ☐ No	
Samples checked for dechlorination:	☐ Yes ☐ No ☒ N/A	14.
Headspace in VOA Vials (>6mm):	☐ Yes ☒ No ☐ N/A	15.
Trip Blank Present:	☐ Yes ☐ No ☐ N/A	16. <u>HCl val TB not on COC</u>
Trip Blank Custody Seals Present	☐ Yes ☐ No ☐ N/A	
Pace Trip Blank Lot # (if purchased):		

Client Notification/ Resolution:

Field Data Required? Y / N

Person Contacted: _____ Date/Time: _____

Comments/ Resolution: logged in sulfate even though not listed on COC. Client originally requested quote for 1 sulfate for 1000

SCURF Review: AmB

Date: 3/1/13

SRF Review: AmB

Date: 3/1/13

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DEHNR Certification Office (i.e. out of hold, incorrect preservative, out of temp, incorrect containers)

WO#: 92149680



92149680

CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

Section A Required Client Information:		Section B Required Project Information:		Section C Invoice Information:		Page: <u>1</u> of <u>1</u>	
Company: Antea Group Address: 900 Dutch Square Blvd, Ste B-111 Columbia, SC 29210 Email To: dean.salisbury@anteagroup.com Phone: 803-404-5908 Fax: Requested Due Date/TAT:		Report To: Dean Salisbury Copy To: Purchase Order No.: Project Name: Former Mill Creek Project Number:		Attention: Dean Salisbury Company Name: Antea Group Address: Paper Quote Reference: Paper Project Manager: Paper Profile #:		REGULATORY AGENCY NPDES: GROUND WATER UST: RCRA DRINKING WATER: OTH: Site Location: STATE:	
Section D Required Client Information SAMPLE ID (A-Z, 0-9 / -) Sample IDs MUST BE UNIQUE		Valid Matrix Codes CODE DW DRINKING WATER IW WASTE WATER P PRODUCT S SOLID SL OL AR OT TB		MATRIX CODE (see valid codes to left) SAMPLE TYPE (G=GRAB C=COMP) DATE TIME COLLECTED DATE TIME SAMPLE TEMP AT COLLECTION # OF CONTAINERS PRESERVATIVES Analysis Test Y/N BTEX per 8260 BTEX and Naphthalene TDS (2540D) surfactant CTAS (5540D)		Pace Project No./ Lab I.D. 02149080	
1	MW-2R						
2	MW-3						
3	IW-1						
4	IW-2						
5	IW-3						
6	IW-4						
7							
8							
9							
10							
11							
12							
ADDITIONAL COMMENTS Relinquished by Affiliation Date Time COLLECTED Date Time SAMPLE TEMP AT COLLECTION # OF CONTAINERS PRESERVATIVES Analysis Test Y/N BTEX per 8260 BTEX and Naphthalene TDS (2540D) surfactant CTAS (5540D)		RELINQUISHED BY / AFFILIATION DATE TIME COLLECTED DATE TIME SAMPLE TEMP AT COLLECTION # OF CONTAINERS PRESERVATIVES Analysis Test Y/N BTEX per 8260 BTEX and Naphthalene TDS (2540D) surfactant CTAS (5540D)		ACCEPTED BY / AFFILIATION DATE TIME COLLECTED DATE TIME SAMPLE TEMP AT COLLECTION # OF CONTAINERS PRESERVATIVES Analysis Test Y/N BTEX per 8260 BTEX and Naphthalene TDS (2540D) surfactant CTAS (5540D)		SAMPLE CONDITIONS Temp in °C Received on Sealed Cooler Custody Samples Intact (Y/N)	
SAMPPLER NAME AND SIGNATURE PRINT Name of SAMPLER: H. H. H. H. H. SIGNATURE of SAMPLER: [Signature] DATE Signed (MM/DD/YYYY): 2/28/13							



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION

NORTHEAST DISTRICT
8800 BAYMEADOWS WAY WEST, SUITE 100
JACKSONVILLE, FLORIDA 32256

RICK SCOTT
GOVERNOR

CARLOS LOPEZ-CANTERA
LT. GOVERNOR

HERSCHEL T. VINYARD JR.
SECRETARY

November 17, 2014

Mr. Sunil Suri, President
Menlo Capital
345 California Street, Suite 1160
San Francisco, CA 94104
Transmitted by email to: sunil.suri@menlocap.com

Subject: Conditional Site Rehabilitation Completion Order
Horton's Store / Former Mill Creek Grocery
5405 State Road 16, St. Augustine, St. Johns County
DEP Facility ID #55/ 8839690
Discharge Date: October 28, 2002 (Non-Program)

Dear Mr. Suri:

Richard Ruscito, P.E., with the Petroleum Restoration Program (PRP) has reviewed the No Further Action Proposal (NFAP) with Conditions dated June 10, 2013, prepared and submitted by the Antea Group for the petroleum product discharge referenced above. Documentation submitted with the NFAP confirms that criteria set forth in Subsection 62-780.680(2), Florida Administrative Code (F.A.C.), have been met. Please refer to the attached PRP review comments memorandum dated July 29, 2013. The NFAP is hereby incorporated by reference in this Site Rehabilitation Completion Order (Order). A Declaration of Restrictive Covenant, a copy of which is attached, has been recorded with the deed for this property. Therefore, you are released from any further obligation to conduct site rehabilitation at the facility for petroleum product contamination associated with the discharge referenced above, except as set forth below. Failure to abide by the following requirements will result in the revocation of this Order.

- (1) You must comply with the provisions contained within the attached Declaration of Restrictive Covenant. If at a later date you propose to remove the institutional controls or engineering controls you must obtain prior written approval from the Florida Department of Environmental Protection (Department). The removal of the controls must be accompanied by the immediate resumption of site rehabilitation, or implementation of other approved controls, unless it is demonstrated to the Department that the criteria of Subsection 62-780.680(1), F.A.C., are met.
- (2) 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 Department may require site rehabilitation to reduce

concentrations of petroleum products' contaminants of concern to the levels approved in the NFAP or otherwise allowed by Chapter 62-780, F.A.C.

- (3) Additionally, you are required to properly abandon all monitoring wells within 60 days of receipt of this Order. The monitoring wells must be plugged and abandoned in accordance with the requirements of Subsection 62-532.500(5), F.A.C. If left in place, Underground Injection Control (UIC) wells, which includes chemical injection wells, treated effluent injection wells, and in situ sparging wells, may become conduits for substances in the soil or on the ground surface to contaminate the groundwater. For this reason the Department advises you to abandon such wells following the same procedures as for abandonment of monitoring wells. A report documenting the abandonment of UIC wells may be submitted to the Department to complete the site file. Other State, county or city requirements for well abandonment may also apply.

Legal Issues

The Department's Order shall become final unless a timely petition for an administrative hearing is filed under Sections 120.569 and 120.57, Florida Statutes (F.S.), within 21 days of receipt of this Order. The procedures for petitioning for an administrative hearing are set forth below.

Persons affected by this Order have the following options:

- (A) If you choose to accept the Department's decision regarding the NFAP you do not have to do anything. This Order is final and effective on the date filed with the Clerk of the Department, which is indicated on the last page of this Order.
- (B) If you choose to challenge the decision, you may do the following:
 - (1) File a request for an extension of time to file a petition for an administrative hearing with the Department's Agency Clerk in the Office of General Counsel within 21 days of receipt of this Order; such a request should be made if you wish to meet with the Department in an attempt to informally resolve any disputes without first filing a petition for an administrative hearing; or
 - (2) File a petition for an administrative hearing with the Department's Agency Clerk in the Office of General Counsel within 21 days of receipt of this Order.

Please be advised that mediation of this decision pursuant to Section 120.573, F.S., is not available.

How to Request an Extension of Time to File a Petition for an Administrative Hearing

For good cause shown, pursuant to Subsection 62-110.106(4), F.A.C., the Department may grant a request for an extension of time to file a petition for an administrative hearing. Such a request must be filed (received) by the Department's Agency Clerk in the Office of General Counsel at 3900 Commonwealth Boulevard, Mail Station 35, Tallahassee, Florida, 32399-3000, within 21 days of receipt of this Order. Petitioner, if different from Menlo Capital shall mail a copy of the request to Menlo Capital at the time of filing. Timely filing a request for an extension of time tolls the time period within which a petition for an administrative hearing must be made.

How to File a Petition for an Administrative Hearing

A person whose substantial interests are affected by this Order may petition for an administrative hearing under Sections 120.569 and 120.57, F.S. The petition must contain the information set forth below and must be filed (received) by the Department's Agency Clerk in the Office of General Counsel at 3900 Commonwealth Boulevard, Mail Station 35, Tallahassee, Florida, 32399-3000, within 21 days of receipt of this Order. Petitioner, if different from Menlo Capital, shall mail a copy of the petition to Menlo Capital at the time of filing. Failure to file a petition within this time period shall waive the right of anyone who may request an administrative hearing under Sections 120.569 and 120.57, F.S.

Pursuant to Subsection 120.569(2), F.S. and Rule 28-106.201, F.A.C., a petition for an administrative hearing shall contain the following information:

- (a) The name, address, and telephone number of each petitioner; the name, address, and telephone number of the petitioner's representative, if any; the facility owner's name and address, if different from the petitioner; the FDEP facility number, and the name and address of the facility;
- (b) A statement of when and how each petitioner received notice of the Department's action or proposed action;
- (c) An explanation of how each petitioner's substantial interests are or will be affected by the Department's action or proposed action;
- (d) A statement of the disputed issues of material fact, or a statement that there are no disputed facts;
- (e) A statement of the ultimate facts alleged, including a statement of the specific facts the petitioner contends warrant reversal or modification of the Department's action or proposed action;
- (f) A statement of the specific rules or statutes the petitioner contends require reversal or modification of the Department's action or proposed action; and

- (g) A statement of the relief sought by the petitioner, stating precisely the action petitioner wishes the Department to take with respect to the Department's action or proposed action.

This Order is final and effective on the date filed with the Clerk of the Department, which is indicated on the last page of this Order. Timely filing a petition for an administrative hearing postpones the date this Order takes effect until the Department issues either a final order pursuant to an administrative hearing or an Order Responding to Supplemental Information provided to the Department pursuant to meetings with the Department.

Judicial Review

Any party to this Order has the right to seek judicial review of it under Section 120.68, F.S., by filing a notice of appeal under Rule 9.110 of the Florida Rules of Appellate Procedure with the Department's Agency Clerk in the Office of General Counsel at 3900 Commonwealth Boulevard, Mail Station 35, 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 of appeal must be filed within 30 days after this Order is filed with the Department's clerk (see below).

Questions

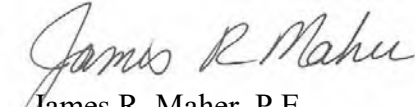
Any questions regarding the Department's review of your NFAP should be directed to Richard Ruscito, P.E., at (850) 877-1133 x3722. Questions regarding legal issues should be referred to the Department's Office of General Counsel at (850) 245-2242. Contact with any of the above does not constitute a petition for an administrative hearing or a request for an extension of time to file a petition for an administrative hearing.

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Mr. Sunil Suri, President
Menlo Capital
November 17, 2014
Page 5 of 5

The FDEP Facility Number for this facility is 55/8839690. Please use this identification on all future correspondence with the Department.

Sincerely,



James R. Maher, P.E.
Assistant Director

JRM/mjt

Attachments: Declaration of Restrictive Covenant, recorded 11-6-14
PRP Review Comments, July 29, 2013

- c: Richard Ruscito, P.E., DEP BPSS – rruscito@ene.com
Wesley Curtis, St. Johns River Water Management District – wcurtis@sjrwmd.com
F. Dean Salisbury, PG - Antea Group - Dean.Salisbury@anteagroup.com
Eric Silvers, Regency Centers Corporation – ericssilvers@regencycenters.com
Kellie D. Scott, Gunster – kscott@gunster.com
Mike Savage, DEP – michael.savage@dep.state.fl.us
 Tim Dohaney, DEP – timothy.dohaney@dep.state.fl.us
Mike Towle, DEP – michael.towle@dep.state.fl.us

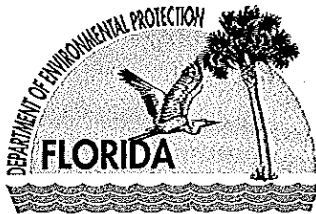
FILING AND ACKNOWLEDGMENT

FILED, on this date, pursuant to
§120.52 Florida Statutes, with the
designated Department Clerk, receipt
of which is hereby acknowledged.



Clerk
(or Deputy Clerk)

11/17/2014
Date



**FLORIDA DEPARTMENT OF
ENVIRONMENTAL PROTECTION**

**RICK SCOTT
GOVERNOR**

**HERSCHEL T. VINYARD JR.
SECRETARY**

MEMORANDUM

TO: Mike Towle
Northeast District - Jacksonville
Tanks & Petroleum Cleanup Section

THROUGH: Tom Conrardy, P.E. *TC*
Bureau of Petroleum Storage Systems - Tallahassee
Petroleum Cleanup Section 3, Mail Station 4530

FROM: Rick Ruscito, P.E. *RJR 7/29/2013*
Ecology and Environment, Inc.
Bureau of Petroleum Storage Systems - Tallahassee
Petroleum Cleanup Section 6, Mail Station 4590

DATE: July 29, 2013

SUBJECT: Review of the June 10, 2013 Proposal for a
Site Rehabilitation Completion Order with Conditions

Ref: **Horton's Store - Mill Creek Grocery**
5405 State Road 16
St. Augustine, St. Johns County
FDEP Facility No. 558839690
Discharge: October 28, 2002

Petroleum Cleanup Section 6 has reviewed and hereby recommends that the Northeast District approve the June 10, 2013 Proposal for a Site Rehabilitation Completion Order (SRCO) with Conditions, Risk Management Options Level II, pursuant to Section 62-780.680(2), Florida Administrative Code (F.A.C.) [formerly 62-770.680(2), F.A.C., until June 12, 2013]. The report was submitted by The Antea Group on behalf of Regency Centers Corporation for this petroleum cleanup site. The removal of the underground storage tank system from this site in November 2003 was followed by an earnest, continual but not completely successful remediation effort involving several cleanup strategies.

The June 10, 2013 proposal submitted by The Antea Group correctly describes the residual groundwater contamination that remains in excess of cleanup target levels, for which an SRCO with Conditions is sought. The table below, based on the results of the most recent groundwater sampling events on October 30, 2012 and February 28, 2013, summarizes those contaminants. The total dissolved solids and nonionic surfactant parameters listed in the table are related to remediation fluids that were injected during the period of active remediation.

<u>Well</u>	<u>BTEX</u>	<u>PAH (naphthalene)</u>	<u>Total Dissolved Solids</u>	<u>Nonionic Surfactant</u>
IW-2	X			
IW-3	X			
IW-4	X			
MW-2R	X	X	X*	X
MW-6R				X
* Total dissolved solids has a site specific target level of 760 milligrams-per liter for this cleanup, based on the natural-occurring value prior to the injection of remediation fluids.				

Rationale for Concurrence with the Proposal to Issue an SRCO with Conditions for the October 28, 2002 Discharge

- The requirement of rule 62-780.680(2)(a), F.A.C., [formerly 62-770.680(2)(a)] is met: there is no free product present.
- There is no need to establish alternative soil cleanup target levels pursuant to rule 62-780.680(2)(b), F.A.C., [formerly 62-770.680(2)(c)] because there is no longer any soil in excess of the direct exposure and the leachability-based soil cleanup target levels at the site. Accordingly, no engineering control pursuant to rule 62-780.680(2)(b)1b, F.A.C. [formerly 62-770.680(2)(c)1b] is needed to prevent direct exposure, and no engineering control pursuant to rule 62-780.680(2)(b)2c, F.A.C. [formerly 62-770.680(2)(c)2c] is needed to prevent leaching.
- Pursuant to rule 62-780.680(2)(c)1, F.A.C., [formerly 62-770.680(2)(d)1] groundwater contamination is within the property boundaries; not affecting a surface water body; and not migrating, as borne out by more than one (1) year of groundwater monitoring.
- No engineering control pursuant to rule 62-780.680(2)(c)2, F.A.C. [formerly 62-770.680(2)(d)2] is needed with respect to the groundwater contamination because more than one (1) year of groundwater monitoring bears out that it is confined to the property, not migrating, and not affecting a surface water body.
- Pursuant to rule 62-780.680(2)(c)4, F.A.C. [formerly 62-770.680(2)(d)4] the groundwater contamination is less than ¼-acre in area, not migrating, and not affecting a surface water body, as borne out by more than one (1) year of groundwater monitoring.

The next step associated with the issuance of an SRCO with Conditions for this site is the preparation of a Draft Restrictive Covenant. The current revision of the Department's "Institutional Controls Procedures Guidance" is dated June 2012, and it can be downloaded from the Internet at www.dep.state.fl.us/waste/quick_topics/publications/wc/csf/icpg.pdf.

I can be contacted by telephone at (850) 877-1133, extension 3722, or by e-mail at ruscito@ene.com.

Public Records of St. Johns County, FL
Clerk number: 2014065180
BK: 3950 PG: 1731
11/6/2014 9:04 AM
Recording \$61.00

This instrument prepared by:
Kellie Scott
Gunster, Yoakley & Stewart
215 South Monroe Street, Suite 601
Tallahassee, Florida 32301

DECLARATION OF RESTRICTIVE COVENANT

THIS DECLARATION OF RESTRICTIVE COVENANT (hereinafter "Declaration") is made this 9th day of October, 2014, by Menlo Realty Income Properties 28, LLC, a Delaware Limited Liability Company properly registered to do business in Florida (hereinafter "GRANTOR") and the Florida Department of Environmental Protection (hereinafter "FDEP").

RECITALS

A. GRANTOR is the fee simple owner of that certain real property situated in the County of St. Johns, State of Florida, more particularly described as:

A PORTION OF THE ANTONIO HUERTAS GRANT, SECTION 38, TOWNSHIP 6 SOUTH, RANGE 28 EAST, ST. JOHNS COUNTY, FLORIDA, AND BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS:

FOR A POINT OF BEGINNING, COMMENCE AT THE INTERSECTION OF THE SOUTHERLY RIGHT-OF-WAY LINE OF STATE ROAD NO. 16, WITH THE WESTERLY RIGHT-OF-WAY LINE OF COUNTY ROAD NO. 13-A, (ALSO KNOWN AS PACETTI ROAD); THENCE SOUTH 19°46'44" WEST, ALONG SAID WESTERLY RIGHT-OF-WAY LINE OF COUNTY ROAD NO. 13-A, A DISTANCE OF 327.48 FEET; THEN NORTH 72°53'04" WEST, DEPARTING SAID WESTERLY RIGHT-OF-WAY, A DISTANCE OF 271.15 FEET; THENCE NORTH 09°06'13" EAST, A DISTANCE OF 284.02 FEET TO

A POINT SITUATE IN THE SOUTHERLY RIGHT-OF-WAY LINE OF SAID STATE ROAD NO. 16; THENCE SOUTH 80°53'46" EAST, ALONG SAID SOUTHERLY RIGHT-OF-WAY LINE, A DISTANCE OF 329.17 FEET TO AN INTERSECTION WITH SAID WESTERLY LINE OF PACETTI ROAD AND THE POINT OF BEGINNING.

LESS AND EXCEPT PROPERTY DESCRIBED IN DEED OF DEDICATION FOR RIGHT-OF-WAY RECORDED IN OFFICIAL RECORDS BOOK 3144, PAGE 1007.

TOGETHER WITH CERTAIN EASEMENTS DESCRIBED IN DECLARATION OF RECIPROCAL EASEMENT AGREEMENT WITH COVENANTS, CONDITIONS AND RESTRICTIONS RECORDED IN OFFICIAL RECORDS BOOK 3122, PAGE 1240.

(hereinafter, "the Property")

B. The FDEP Facility Identification Number for the Property is 8839690. The facility name at the time of this Declaration is the Former Horton's Store/Mill Creek Grocery. This Declaration addresses the discharge that was reported to the FDEP on October 28, 2002.

C. The discharge of petroleum products on the Property is documented in the following reports that are incorporated by reference:

1. Proposal for SRCO with Conditions, dated June 10, 2013, submitted by The Antea Group; and
2. Pilot Test Post Injection Monitoring Report dated April 19, 2013, submitted by The Antea Group.

D. The reports noted in Recital C set forth the nature and extent of the contamination described in Recital C that is located on the Property. These reports confirm that contaminated groundwater as defined by Chapter 62-780, Florida Administrative Code (F.A.C.), exists on the Property. Also, these reports document that the groundwater contamination does not extend beyond the Property boundary, the extent of the groundwater contamination does not exceed 1/4 acre, and the groundwater contamination is not migrating.

E. It is the intent that the restrictions in this Declaration reduce or eliminate the risk of exposure of users or occupants of the Property and the environment to the contaminants and to reduce or eliminate the threat of migration of the contaminants.

F. The FDEP has agreed to issue a Site Rehabilitation Completion Order with Conditions (hereinafter "Order") upon recordation of this Declaration. The FDEP can unilaterally revoke the Order if the conditions of this Declaration or of the Order are not met. Additionally, if concentrations of petroleum products increase above the levels approved in the Order, or if a subsequent discharge occurs at the Property, the FDEP may require site rehabilitation to reduce concentrations of contamination to the levels allowed by the applicable FDEP rules. The Order

relating to FDEP Facility No. 8839690 can be found by contacting the appropriate FDEP district office or bureau.

G. GRANTOR deems it desirable and in the best interest of all present and future owners of the Property that an Order be obtained and that the Property be held subject to certain restrictions, all of which are more particularly hereinafter set forth.

NOW, THEREFORE, to induce the FDEP to issue the Order and for other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged by each of the undersigned parties, GRANTOR agrees as follows:

1. The foregoing recitals are true and correct and are incorporated herein by reference.
2. GRANTOR hereby imposes the following restrictions and requirements:

There shall be no use of the groundwater under the Property. There shall be no drilling for water conducted on the Property, nor shall any wells be installed on the Property, other than monitoring wells pre-approved in writing by FDEP's Division of Waste Management (DWM), in addition to any authorizations required by the Division of Water Resource Management and the Water Management Districts. For any dewatering activities, a plan approved by FDEP's DWM must be in place to address and ensure the appropriate handling, treatment, and disposal of any extracted groundwater that may be contaminated.

3. In the remaining paragraphs, all references to "GRANTOR" and "FDEP" shall also mean and refer to their respective successors and assigns.

4. For the purpose of monitoring the restrictions contained herein, FDEP is hereby granted a right of entry upon and access to the Property at reasonable times and with reasonable notice to the GRANTOR.

5. It is the intention of GRANTOR that this Declaration shall touch and concern the Property, run with the land and with the title to the Property, and shall apply to and be binding upon and inure to the benefit of GRANTOR and FDEP, and to any and all parties hereafter having any right, title or interest in the Property or any part thereof. The FDEP may enforce the terms and conditions of this Declaration by injunctive relief and other appropriate available legal remedies. Any forbearance on behalf of the FDEP to exercise its right in the event of the failure of the GRANTOR to comply with the provisions of this Declaration shall not be deemed or construed to be a waiver of the FDEP's rights hereunder. This Declaration shall continue in perpetuity, unless otherwise modified in writing by GRANTOR and the FDEP as provided in paragraph 7 hereof. These restrictions may also be enforced in a court of competent jurisdiction by any other person, firm, corporation, or governmental agency that is substantially benefited by these restrictions. If the GRANTOR does not or will not be able to comply with any or all of the provisions of this Declaration, the GRANTOR shall notify FDEP in writing within three (3) calendar days. Additionally, GRANTOR shall notify FDEP thirty (30) days prior to any conveyance or sale, granting or transferring the Property or portion thereof, to any heirs,

successors, assigns or grantees, including, without limitation, the conveyance of any security interest in said Property.

6. In order to ensure the perpetual nature of this Declaration, GRANTOR shall reference these restrictions in any subsequent lease or deed of conveyance, including the recording book and page of record of this Declaration. Furthermore, prior to the entry into a landlord-tenant relationship with respect to the Property, the GRANTOR agrees to notify in writing all proposed tenants of the Property of the existence and contents of this Declaration of Restrictive Covenant.

7. This Declaration is binding until a release of covenant is executed by the FDEP Secretary (or designee) and is recorded in the public records of the county in which the land is located. To receive prior approval from the FDEP to remove any requirement herein, cleanup target levels established pursuant to Florida Statutes and FDEP rules must be achieved. This Declaration may be modified in writing only. Any subsequent amendment must be executed by both GRANTOR and the FDEP and be recorded by GRANTOR as an amendment hereto.

8. If any provision of this Declaration is held to be invalid by any court of competent jurisdiction, the invalidity of that provision shall not affect the validity of any other provisions of the Declaration. All such other provisions shall continue unimpaired in full force and effect.

9. GRANTOR covenants and represents that on the date of execution of this Declaration that GRANTOR is seized of the Property in fee simple and has good right to create, establish, and impose this restrictive covenant on the use of the Property. GRANTOR also covenants and warrants that the Property is free and clear of any and all liens, mortgages, or encumbrances that could impair GRANTOR'S rights to impose the restrictive covenant described in this Declaration or a joinder and consent, or subordination of such interests, as applicable, is attached hereto.

THIS SECTION LEFT INTENTIONALLY BLANK

IN WITNESS WHEREOF, Menlo Realty Income Properties 28, LLC has executed this instrument, this 29 day of SEPTEMBER, 2014.

GRANTOR
MENLO REALTY INCOME PROPERTIES 28, LLC,
a Delaware limited liability company

By: Menlo Realty Acquisition Group, LLC,
a Delaware limited liability company,
its sole and managing member,

By: Realty Income Corporation,
a Maryland Corporation,
its managing member

By: [Signature]
Michael R. Pfeiffer
Executive Vice President, General Counsel
600 La Terraza Boulevard
Escondido, CA 92025

Signed, sealed and delivered in the presence of:

Approved As To Form
Legal Department
SS
S. Jeneen

[Signature] Date: 9/29/2014

Witness
Print Name: URSUA PERAZONE

[Signature] Date: 9/29/2014

Witness
Print Name: Brittany Smith

STATE OF _____)

COUNTY OF _____)

The foregoing instrument was acknowledged before me this _____ day of _____, 2014, by

Personally Known _____ OR Produced Identification _____
Type of Identification Produced _____

See Attached Certificate

Signature of Notary Public

ACKNOWLEDGMENT

STATE OF CALIFORNIA

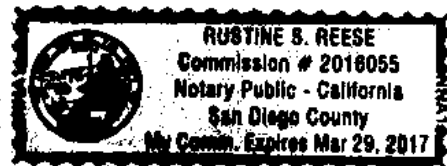
COUNTY OF SAN DIEGO

On September 29, 2014 before me, Rustine S. Reese, Notary Public, personally appeared Michael R. Pfeiffer, who proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.


Signature of Notary Public



(Notary Seal)

FLORIDA DEPARTMENT OF
ENVIRONMENTAL PROTECTION

By:

Approved as to form by:

Mary Stewart 10/9/2014

Mary Stewart, Asst. General Counsel
Florida Department of
Environmental Protection
Office of General Counsel

GREGORY STRONG
Director of District Management
Dept. of Environmental Protection
Northeast District
8800 Baymeadows Way West, Suite 100
Jacksonville, Florida 32256-7590

Signed, sealed, and delivered in
in the presence of:

Donnam Hayford
Witness Signature

Donnam Hayford
Printed Name

10/9/14
Date

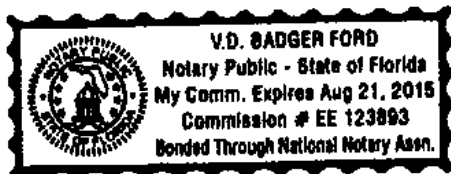
Beth Saska
Witness Signature

Beth Saska
Printed Name

10/9/14
Date

STATE OF FLORIDA
COUNTY OF DUVAL

The foregoing instrument was acknowledged before me this 9th day of October, 2014, by GREGORY STRONG, who is personally known to me.



V.D. Badger Ford
Notary Public, State of Florida at Large

SITE 4 – 7-Eleven Store #42108

No assessment information available

SITE 12 – Racetrac #156

Closure Assessment Report, dated February 2, 2022 (text, figures, tables, and laboratory analytical data) – 50 pages



5602 Thompson Center Court
Suite 405
Tampa, FL 33634
(813) 889-8960 | oneatlas.com

February 2, 2022

Atlas Project RT00015602

MS. JEAN RICHARDS
CITY OF JACKSONVILLE
214 N. HOGAN STREET, 5TH FLOOR
JACKSONVILLE, FL 32202

VIA EMAIL: JeanR@coj.net

Subject: **Closure Assessment Report**
RaceTrac #156
2711 State Road 16
St. Augustine, St. Johns County, Florida 32092
Facility ID #55/9810366

Dear Ms. Richards:

ATC Group Services LLC (ATC) doing business as Atlas Technical (Atlas) is pleased to submit the following Closure Assessment Report for the above referenced facility. This report documents the results of the soil assessment associated with the repair of boots in the diesel, premium and two regular submersible turbine pump (STP) sumps at the above referenced site. The assessment activities were performed in accordance with Instructions for Conducting Sampling During Underground Storage Tank Closure dated July 2019 and Chapter 62-761 of the Florida Administrative Code (FAC).

1.0 SOIL ASSESSMENT

On January 12, 2022, Atlas collected soil samples from soil borings (SB-2 through SB-5) installed adjacent to the diesel, premium and two regular STP sumps, respectively. Soil samples were subjected to a headspace analysis with an Organic Vapor Analyzer equipped with a Photo Ionization Detector (OVA-PID). The OVA-PID was calibrated in the field in accordance with the manufacturer's instructions using 100 parts per million (ppm) isobutylene calibration gas. **Figure 1** depicts the approximate location of the soil borings. The soil vapor headspace screening results are summarized in **Table 1**, and indicate that soil potentially impacted by petroleum hydrocarbons (OVA readings greater than 10 parts per million (ppm)) was not observed in the collected soil samples.

Four soil samples were collected (SB-2 @ 4 ft, SB-3 @ 4 ft, SB-4 @ 4 ft, SB-5 @ 4 ft.), packaged on ice and delivered to SGS North America in Orlando, Florida. The samples were analyzed by EPA Method 8260 for benzene, toluene, ethylbenzene, total xylenes and methyl tert-butyl ether (BTX/MTBE), by EPA Method 8270 for polycyclic aromatic hydrocarbons (PAHs), and by FDEP Method FL-PRO for total recoverable petroleum hydrocarbons (TRPH). Instrument calibration



documentation and the soil laboratory analytical results are included in **Appendix A** and are summarized in **Tables 2a-2c**. A review of **Tables 2a-2c** indicates that all chemicals of concern were either below the laboratory's detection limit or below the soil cleanup target levels listed in Chapter 62-777, Florida Administrative Code, Table II.

2.0 CONCLUSIONS AND RECOMMENDATIONS

Based on the soil analytical results, Atlas recommends no further investigation into the sump boot repairs at the site.

If you have any questions or comments concerning this report, please contact me at your earliest convenience.

Respectfully Submitted,
Atlas Technical

A handwritten signature in blue ink that reads "Jenell Mann".

Jenell Mann
Project Manager
Direct Line: 727-492-3140
Email: jenell.mann@oneatlas.com

Attachments

A handwritten signature in blue ink that reads "V-Rich".

Van Richmond, P.G.
Senior Project Manager
Direct Line: 850-712-6858
Email: van.richmond@oneatlas.com



TABLES

TABLE 1: SOIL SCREENING SUMMARY**Facility Name: RaceTrac #156****2711 State Road 16, St. Augustine, FL****FDEP FAC ID#: 55/9810366**

ft-bls = Feet Below Land Surface

ppm =parts per million

--- = No Reading Taken

PID = Photo Ionization Detector

SAMPLE				OVA	COMMENTS
SAMPLE NO.	DATE COLLECTED	DEPTH TO WATER	SAMPLE INTERVAL (ft-bls)	PID READING (ppm)	
SB-2	1/12/2022		1	0	
			2	0	
			3	0	
			4	0	sample for lab
SB-3	1/12/2022		1	0	
			2	0	
			3	0	
			4	0	sample for lab
SB-4	1/12/2022		1	0	
			2	0	
			3	0	
			4	0	sample for lab
SB-5	1/12/2022		1	0	
			2	0	
			3	0	
			4	0	sample for lab

TABLE 2A: SOIL ANALYTICAL SUMMARY - VOAs & TRPHs

FDEP FAC ID#: 55/9810366 Facility Name: RaceTrac #156

2711 State Road 16, St. Augustine, FL

Sample				OVA	Laboratory Analyses					
Boring/ Well No.	Date Collected	Depth to Water (ft)	Sample Interval (fbls)	Net OVA Reading (ppm)	Benzene (mg/kg)	Ethyl- benzene (mg/kg)	Toluene (mg/kg)	Total Xylenes (mg/kg)	MTBE (mg/kg)	TRPHs (mg/kg)
Leachability Based on GW Criteria (mg/kg)					0.007	0.6	0.5	0.2	0.09	340
Direct Exposure Residential (mg/kg)					1.2	1,500	7,500	130	4,400	460
Direct Exposure Industrial/Commercial (mg/kg)					1.7	9200	60000	700	24000	2,700
SB-2	1/12/22		4	0	0.0013 U	0.0011 U	0.011 U	0.0022 U	0.0011 U	4.26 I
SB-3	1/12/22		4	0	0.0014 U	0.0011 U	0.011 U	0.0024 U	0.0011 U	3.78 I
SB-4	1/12/22		4	0	0.0013 U	0.0010 U	0.010 U	0.0022 U	0.0010 U	4.09 I
SB-5	1/12/22		4	0	0.0011 U	0.00094 U	0.0094 U	0.0020 U	0.00094 U	4.34 I

Notes: NA = Not Available.

 NS = Not Sampled.

 * = Leachability value may be determined using TCLP.

 ** = Direct Exposure value based on acute toxicity considerations.

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

FDEP FAC ID#: 55/9810366

Facility Name: RaceTrac #156

2711 State Road 16, St. Augustine, FL

Sample				OVA	Laboratory Analyses										
Boring/ Well No.	Date Collected	Depth to Water (ft)	Sample Interval (fbls)	Net OVA Reading (ppm)	Naph- thalene (mg/kg)	1-Methyl- naph- thalene (mg/kg)	2-Methyl- naph- thalene (mg/kg)	Acen- aph- thene (mg/kg)	Acen- aph- thylene (mg/kg)	Anthra- cene (mg/kg)	Benzo (g,h,i) pery- ylene (mg/kg)	Fluoran- thene (mg/kg)	Fluor- ene (mg/kg)	Phenan- threne (mg/kg)	Pyrene (mg/kg)
Leachability Based on GW Criteria (mg/kg)					1.2	3.1	8.5	2.1	27	2,500	32,000	1,200	160	250	880
Direct Exposure Residential (mg/kg)					55	200	210	2,400	1,800	21,000	2,500	3,200	2,600	2,200	2,400
Direct Exposure Industrial/Commercial (mg/kg)					300	1800	2100	20000	20000	300000	52000	59000	33000	36000	45000
SB-2	1/12/22		4	0	0.027 U	0.027 U	0.027 U	0.027 U	0.027 U	0.017 U	0.0034 U	0.017 U	0.027 U	0.017 U	0.017 U
SB-3	1/12/22		4	0	0.027 U	0.027 U	0.027 U	0.027 U	0.027 U	0.017 U	0.0034 U	0.017 U	0.027 U	0.017 U	0.017 U
SB-4	1/12/22		4	0	0.028 U	0.028 U	0.028 U	0.028 U	0.028 U	0.017 U	0.0035 U	0.017 U	0.028 U	0.017 U	0.017 U
SB-5	1/12/22		4	0	0.027 U	0.027 U	0.027 U	0.027 U	0.027 U	0.017 U	0.0034 U	0.017 U	0.027 U	0.017 U	0.017 U

Notes:

NA = Not Available.

NS = Not Sampled.

* = Leachability value may be determined using TCLP.

PAHs = Polycyclic Aromatic Hydrocarbons

OVA = Organic Vapor Analyzer

ft = feet

bls = below land surface

ppm = parts per million

mg/kg = milligrams per kilograms

U = the analyte was tested for but not detected; "<" used in historical data

I = The result is greater than the method detection limit but less than the practical quantitation limit

Boldface text = the result exceeds the direct exposure criteria

TABLE 2C: SOIL ANALYTICAL SUMMARY - Carcinogenic PAHs

FDEP FAC ID#: 55/9810366

Facility Name: RaceTrac #156

2711 State Road 16, St. Augustine, FL

Sample				OVA	Laboratory Analyses							
Boring/ Well No.	Date Collected	Depth to Water (ft)	Sample Interval (fbis)	Net OVA Reading (ppm)	Benzo (a) pyrene (mg/kg)	Benzo (a) anthra- cene (mg/kg)	Benzo (b) fluoran- thene (mg/kg)	Benzo (k) fluoran- thene (mg/kg)	Chry- sene (mg/kg)	Dibenz (a,h) anthra- cene (mg/kg)	Indeno (1,2,3-cd) pyrene (mg/kg)	Benzo (a) pyrene equivalent (mg/kg)
Leachability Based on GW Criteria (mg/kg)					8	0.8	2.4	24	77	0.7	6.6	**
Direct Exposure Residential (mg/kg)					0.1	#	#	#	#	#	#	0.1
Direct Exposure Industrial/Commercial (mg/kg)					0.1	#	#	#	#	#	#	0.7
SB-2	1/12/22		4	0	0.0034 U	0.0034 U	0.0034 U	0.0034 U	0.0034 U	0.0034 U	0.0034 U	NC
SB-3	1/12/22		4	0	0.0034 U	0.0034 U	0.0034 U	0.0034 U	0.0034 U	0.0034 U	0.0034 U	NC
SB-4	1/12/22		4	0	0.0035 U	0.0035 U	0.0035 U	0.0035 U	0.0035 U	0.0035 U	0.0035 U	NC
SB-5	1/12/22		4	0	0.0034 U	0.0034 U	0.0034 U	0.0034 U	0.0034 U	0.0034 U	0.0034 U	NC

Notes:

NA = Not Available.

NS = Not Sampled.

** = Leachability value not applicable.

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

PAHs = Polycyclic Aromatic Hydrocarbons

OVA = Organic Vapor Analyzer

ft = feet

bis = below land surface

ppm = parts per million

mg/kg = milligrams per kilograms

U = the analyte was tested for but not detected; "<" used in historical data

I = The result is greater than the method detection limit but less than the practical quantitation limit

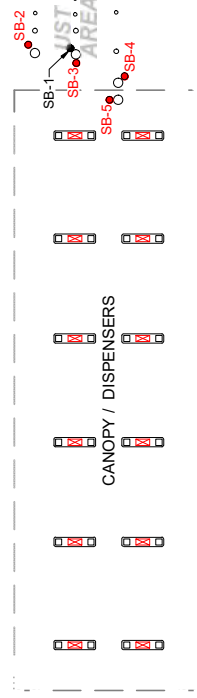
Boldface text = the result exceeds the direct exposure residential



FIGURE

STATE ROAD 16

TOM'S ROAD



RACETRAC #156
FDEP FAC. ID# 55-9810366

STORM WATER
RETENTION
AREA

STORM WATER
RETENTION AREA

LEGEND:	
●	SOIL BORING - MAY 2020
●	SOIL BORING - JAN. 12, 2022
UST	UNDERGROUND STORAGE TANK



NAME/ADDRESS:
RACETRAC #156
FDEP FAC. ID# 55-9810366
2711 State Road 16
St. Augustine, St. Johns County, Florida

DRAWING TITLE:
SITE MAP

5602 Thompson Center Ct., Ste. 405
St. Augustine, FL 32084
(813) 989-5900
(813) 989-5754 FAX

ATLAS
Certificate of Accreditation 17783

DRAWN BY: J.J.D.
CHECKED BY: J.M.
PROJECT NO. RT000156201

FIGURE NO. **1**



APPENDIX A

Instrument Calibration and Soil Boring Log

The results set forth herein are provided by SGS North America Inc.

e-Hardcopy 2.0
Automated Report

Technical Report for

RaceTrac

ATCFLTA: RaceTrac 156; 2711 SR 16, St Augustine, FL

RT00015601

SGS Job Number: FA92326

Sampling Date: 01/12/22

Report to:

ATC Group Services
5602 Thompson Center Ct Suite 405
Tampa, FL 33634
jenell.mann@atcgs.com

ATTN: Jenell Mann

Total number of pages in report: 39



Test results contained within this data package meet the requirements of the National Environmental Laboratory Accreditation Program and/or state specific certification programs as applicable.

Norm Farmer
Technical Director

Client Service contact: Muna Mohammed 407-425-6700

Certifications: FL(E83510), LA(03051), KS(E-10327), 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.

Table of Contents

Sections:

1

2

3

4

5

6

7

-1-

Section 1: Sample Summary	3
Section 2: Summary of Hits	4
Section 3: Sample Results	5
3.1: FA92326-1: SB-2 @ 4'	6
3.2: FA92326-2: SB-3 @ 4'	10
3.3: FA92326-3: SB-4 @ 4'	14
3.4: FA92326-4: SB-5 @ 4'	18
Section 4: Misc. Forms	22
4.1: Chain of Custody	23
Section 5: MS Volatiles - QC Data Summaries	25
5.1: Method Blank Summary	26
5.2: Blank Spike Summary	27
5.3: Matrix Spike/Matrix Spike Duplicate Summary	28
Section 6: MS Semi-volatiles - QC Data Summaries	29
6.1: Method Blank Summary	30
6.2: Blank Spike Summary	31
6.3: Matrix Spike/Matrix Spike Duplicate Summary	32
Section 7: GC/LC Semi-volatiles - QC Data Summaries	33
7.1: Method Blank Summary	34
7.2: Blank Spike Summary	36
7.3: Matrix Spike/Matrix Spike Duplicate Summary	38



Sample Summary

RaceTrac

Job No: FA92326

ATCFLTA: RaceTrac 156; 2711 SR 16, St Augustine, FL
Project No: RT00015601

Sample Number	Collected		Matrix		Client	
	Date	Time By	Received	Code Type	Sample ID	
FA92326-1	01/12/22	12:40	MUCG01/13/22	SO Soil	SB-2 @ 4'	
FA92326-2	01/12/22	13:05	MUCG01/13/22	SO Soil	SB-3 @ 4'	
FA92326-3	01/12/22	13:50	MUCG01/13/22	SO Soil	SB-4 @ 4'	
FA92326-4	01/12/22	14:20	MUCG01/13/22	SO Soil	SB-5 @ 4'	

Soil samples reported on a dry weight basis unless otherwise indicated on result page.

Summary of Hits

Page 1 of 1

Job Number: FA92326
Account: RaceTrac
Project: ATCFLTA: RaceTrac 156; 2711 SR 16, St Augustine, FL
Collected: 01/12/22

2

Lab Sample ID Analyte	Client Sample ID	Result/ Qual	PQL	MDL	Units	Method
FA92326-1	SB-2 @ 4'					
TPH (C8-C40)		4.26 I	7.2	3.6	mg/kg	FLORIDA-PRO 2018
FA92326-2	SB-3 @ 4'					
TPH (C8-C40)		3.78 I	7.2	3.6	mg/kg	FLORIDA-PRO 2018
FA92326-3	SB-4 @ 4'					
TPH (C8-C40)		4.09 I	7.1	3.5	mg/kg	FLORIDA-PRO 2018
FA92326-4	SB-5 @ 4'					
TPH (C8-C40)		4.34 I	7.0	3.5	mg/kg	FLORIDA-PRO 2018

Sample Results

Report of Analysis

Report of Analysis

Client Sample ID:	SB-2 @ 4'	Date Sampled:	01/12/22
Lab Sample ID:	FA92326-1	Date Received:	01/13/22
Matrix:	SO - Soil	Percent Solids:	94.9
Method:	SW846 8260D		
Project:	ATCFLTA: RaceTrac 156; 2711 SR 16, St Augustine, FL		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3C16299.D	1	01/17/22 18:22	SP	n/a	n/a	V3C715
Run #2							

Run #	Initial Weight	Final Volume
Run #1	4.92 g	5.0 ml
Run #2		

Purgeable Aromatics, MTBE

CAS No.	Compound	Result	PQL	MDL	Units	Q
71-43-2	Benzene	1.3 U	5.4	1.3	ug/kg	
108-88-3	Toluene	11 U	21	11	ug/kg	
100-41-4	Ethylbenzene	1.1 U	5.4	1.1	ug/kg	
1330-20-7	Xylene (total)	2.2 U	16	2.2	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	1.1 U	5.4	1.1	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	109%		75-124%
17060-07-0	1,2-Dichloroethane-D4	117%		72-135%
2037-26-5	Toluene-D8	97%		75-126%
460-00-4	4-Bromofluorobenzene	101%		71-133%

U = Not detected MDL = Method Detection Limit
PQL = Practical Quantitation Limit
L = Indicates value exceeds calibration range

I = Result > = MDL but < PQL J = Estimated value
V = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB-2 @ 4'	Date Sampled:	01/12/22
Lab Sample ID:	FA92326-1	Date Received:	01/13/22
Matrix:	SO - Soil	Percent Solids:	94.9
Method:	SW846 8270E BY SIM SW846 3510C		
Project:	ATCFLTA: RaceTrac 156; 2711 SR 16, St Augustine, FL		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	7G17465.D	1	01/14/22 17:24	MF	01/14/22 07:00	OP89229	S7G740
Run #2							

Run #	Initial Weight	Final Volume
Run #1	15.4 g	1.0 ml
Run #2		

BN PAH List

CAS No.	Compound	Result	PQL	MDL	Units	Q
83-32-9	Acenaphthene	27 U	68	27	ug/kg	
208-96-8	Acenaphthylene	27 U	68	27	ug/kg	
120-12-7	Anthracene	17 U	68	17	ug/kg	
56-55-3	Benzo(a)anthracene	3.4 U	14	3.4	ug/kg	
50-32-8	Benzo(a)pyrene	3.4 U	14	3.4	ug/kg	
205-99-2	Benzo(b)fluoranthene	3.4 U	14	3.4	ug/kg	
191-24-2	Benzo(g,h,i)perylene	3.4 U	14	3.4	ug/kg	
207-08-9	Benzo(k)fluoranthene	3.4 U	14	3.4	ug/kg	
218-01-9	Chrysene	3.4 U	14	3.4	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	3.4 U	14	3.4	ug/kg	
206-44-0	Fluoranthene	17 U	68	17	ug/kg	
86-73-7	Fluorene	27 U	68	27	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	3.4 U	14	3.4	ug/kg	
90-12-0	1-Methylnaphthalene	27 U	68	27	ug/kg	
91-57-6	2-Methylnaphthalene	27 U	68	27	ug/kg	
91-20-3	Naphthalene	27 U	68	27	ug/kg	
85-01-8	Phenanthrene	17 U	68	17	ug/kg	
129-00-0	Pyrene	17 U	68	17	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
7297-45-2	2-Methylnaphthalene-d10	91%		50-150%
93951-69-0	Fluoranthene-d10	97%		50-150%

U = Not detected MDL = Method Detection Limit
PQL = Practical Quantitation Limit
L = Indicates value exceeds calibration range

I = Result > = MDL but < PQL J = Estimated value
V = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Page 1 of 1

3.1

3

Client Sample ID:	SB-2 @ 4'	Date Sampled:	01/12/22
Lab Sample ID:	FA92326-1	Date Received:	01/13/22
Matrix:	SO - Soil	Percent Solids:	94.9
Method:	SW846 8270D BY SIM		
Project:	ATCFLTA: RaceTrac 156; 2711 SR 16, St Augustine, FL		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1		1	01/14/22 17:24	MF	n/a	n/a	R55731
Run #2							

CAS No.	Compound	Result	PQL	Units	Q
	Benzo(a)pyrene Equivalents ^a	NC		mg/kg	

(a) Total Benzo(a)pyrene Equivalents calculated as per FDEP Conversion Table [Revised 11-26-07]

U = Not detected
PQL = Practical Quantitation Limit
L = Indicates value exceeds calibration range

I = Result > = MDL but < PQL J = Estimated value
V = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Page 1 of 1

3.1

3

Client Sample ID:	SB-2 @ 4'	Date Sampled:	01/12/22
Lab Sample ID:	FA92326-1	Date Received:	01/13/22
Matrix:	SO - Soil	Percent Solids:	94.9
Method:	FLORIDA-PRO 2018 SW846 3546		
Project:	ATCFLTA: RaceTrac 156; 2711 SR 16, St Augustine, FL		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	YR508416.D	1	01/19/22 17:36	KA	01/18/22 07:30	OP89270	GYR1252
Run #2							

Run #	Initial Weight	Final Volume
Run #1	20.0 g	1.0 ml
Run #2		

CAS No.	Compound	Result	PQL	MDL	Units	Q
	TPH (C8-C40)	4.26	7.2	3.6	mg/kg	I

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	96%		66-136%
7194-86-7	Nonatriacontane	88%		36-132%

U = Not detected MDL = Method Detection Limit
PQL = Practical Quantitation Limit
L = Indicates value exceeds calibration range

I = Result > = MDL but < PQL J = Estimated value
V = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: SB-3 @ 4'	
Lab Sample ID: FA92326-2	Date Sampled: 01/12/22
Matrix: SO - Soil	Date Received: 01/13/22
Method: SW846 8260D	Percent Solids: 94.7
Project: ATCFLTA: RaceTrac 156; 2711 SR 16, St Augustine, FL	

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3C16300.D	1	01/17/22 18:47	SP	n/a	n/a	V3C715
Run #2							

Run #	Initial Weight	Final Volume
Run #1	4.69 g	5.0 ml
Run #2		

Purgeable Aromatics, MTBE

CAS No.	Compound	Result	PQL	MDL	Units	Q
71-43-2	Benzene	1.4 U	5.6	1.4	ug/kg	
108-88-3	Toluene	11 U	23	11	ug/kg	
100-41-4	Ethylbenzene	1.1 U	5.6	1.1	ug/kg	
1330-20-7	Xylene (total)	2.4 U	17	2.4	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	1.1 U	5.6	1.1	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	108%		75-124%
17060-07-0	1,2-Dichloroethane-D4	114%		72-135%
2037-26-5	Toluene-D8	95%		75-126%
460-00-4	4-Bromofluorobenzene	96%		71-133%

U = Not detected MDL = Method Detection Limit
PQL = Practical Quantitation Limit
L = Indicates value exceeds calibration range

I = Result > = MDL but < PQL J = Estimated value
V = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB-3 @ 4'	Date Sampled:	01/12/22
Lab Sample ID:	FA92326-2	Date Received:	01/13/22
Matrix:	SO - Soil	Percent Solids:	94.7
Method:	SW846 8270E BY SIM SW846 3510C		
Project:	ATCFLTA: RaceTrac 156; 2711 SR 16, St Augustine, FL		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	7G17466.D	1	01/14/22 17:47	MF	01/14/22 07:00	OP89229	S7G740
Run #2							

Run #	Initial Weight	Final Volume
Run #1	15.4 g	1.0 ml
Run #2		

BN PAH List

CAS No.	Compound	Result	PQL	MDL	Units	Q
83-32-9	Acenaphthene	27 U	69	27	ug/kg	
208-96-8	Acenaphthylene	27 U	69	27	ug/kg	
120-12-7	Anthracene	17 U	69	17	ug/kg	
56-55-3	Benzo(a)anthracene	3.4 U	14	3.4	ug/kg	
50-32-8	Benzo(a)pyrene	3.4 U	14	3.4	ug/kg	
205-99-2	Benzo(b)fluoranthene	3.4 U	14	3.4	ug/kg	
191-24-2	Benzo(g,h,i)perylene	3.4 U	14	3.4	ug/kg	
207-08-9	Benzo(k)fluoranthene	3.4 U	14	3.4	ug/kg	
218-01-9	Chrysene	3.4 U	14	3.4	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	3.4 U	14	3.4	ug/kg	
206-44-0	Fluoranthene	17 U	69	17	ug/kg	
86-73-7	Fluorene	27 U	69	27	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	3.4 U	14	3.4	ug/kg	
90-12-0	1-Methylnaphthalene	27 U	69	27	ug/kg	
91-57-6	2-Methylnaphthalene	27 U	69	27	ug/kg	
91-20-3	Naphthalene	27 U	69	27	ug/kg	
85-01-8	Phenanthrene	17 U	69	17	ug/kg	
129-00-0	Pyrene	17 U	69	17	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
7297-45-2	2-Methylnaphthalene-d10	88%		50-150%
93951-69-0	Fluoranthene-d10	94%		50-150%

U = Not detected MDL = Method Detection Limit
PQL = Practical Quantitation Limit
L = Indicates value exceeds calibration range

I = Result > = MDL but < PQL J = Estimated value
V = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Page 1 of 1

3.2

3

Client Sample ID:	SB-3 @ 4'	Date Sampled:	01/12/22
Lab Sample ID:	FA92326-2	Date Received:	01/13/22
Matrix:	SO - Soil	Percent Solids:	94.7
Method:	SW846 8270D BY SIM		
Project:	ATCFLTA: RaceTrac 156; 2711 SR 16, St Augustine, FL		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1		1	01/14/22 17:47	MF	n/a	n/a	R55734
Run #2							

CAS No.	Compound	Result	PQL	Units	Q
	Benzo(a)pyrene Equivalents ^a	NC		mg/kg	

(a) Total Benzo(a)pyrene Equivalents calculated as per FDEP Conversion Table [Revised 11-26-07]

U = Not detected
PQL = Practical Quantitation Limit
L = Indicates value exceeds calibration range

I = Result > = MDL but < PQL J = Estimated value
V = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Page 1 of 1

3.2

3

Client Sample ID:	SB-3 @ 4'	Date Sampled:	01/12/22
Lab Sample ID:	FA92326-2	Date Received:	01/13/22
Matrix:	SO - Soil	Percent Solids:	94.7
Method:	FLORIDA-PRO 2018 SW846 3546		
Project:	ATCFLTA: RaceTrac 156; 2711 SR 16, St Augustine, FL		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	YR508417.D	1	01/19/22 17:55	KA	01/18/22 07:30	OP89270	GYR1252
Run #2							

Run #	Initial Weight	Final Volume
Run #1	20.0 g	1.0 ml
Run #2		

CAS No.	Compound	Result	PQL	MDL	Units	Q
	TPH (C8-C40)	3.78	7.2	3.6	mg/kg	I

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	98%		66-136%
7194-86-7	Nonatriacontane	89%		36-132%

U = Not detected MDL = Method Detection Limit
PQL = Practical Quantitation Limit
L = Indicates value exceeds calibration range

I = Result > = MDL but < PQL J = Estimated value
V = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB-4 @ 4'	Date Sampled:	01/12/22
Lab Sample ID:	FA92326-3	Date Received:	01/13/22
Matrix:	SO - Soil	Percent Solids:	95.9
Method:	SW846 8260D		
Project:	ATCFLTA: RaceTrac 156; 2711 SR 16, St Augustine, FL		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3C16301.D	1	01/17/22 19:11	SP	n/a	n/a	V3C715
Run #2							

Run #	Initial Weight	Final Volume
Run #1	5.04 g	5.0 ml
Run #2		

Purgeable Aromatics, MTBE

CAS No.	Compound	Result	PQL	MDL	Units	Q
71-43-2	Benzene	1.3 U	5.2	1.3	ug/kg	
108-88-3	Toluene	10 U	21	10	ug/kg	
100-41-4	Ethylbenzene	1.0 U	5.2	1.0	ug/kg	
1330-20-7	Xylene (total)	2.2 U	16	2.2	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	1.0 U	5.2	1.0	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	110%		75-124%
17060-07-0	1,2-Dichloroethane-D4	114%		72-135%
2037-26-5	Toluene-D8	103%		75-126%
460-00-4	4-Bromofluorobenzene	98%		71-133%

U = Not detected MDL = Method Detection Limit
PQL = Practical Quantitation Limit
L = Indicates value exceeds calibration range

I = Result > = MDL but < PQL J = Estimated value
V = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB-4 @ 4'	Date Sampled:	01/12/22
Lab Sample ID:	FA92326-3	Date Received:	01/13/22
Matrix:	SO - Soil	Percent Solids:	95.9
Method:	SW846 8270E BY SIM SW846 3510C		
Project:	ATCFLTA: RaceTrac 156; 2711 SR 16, St Augustine, FL		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	7G17467.D	1	01/14/22 18:10	MF	01/14/22 07:00	OP89229	S7G740
Run #2							

Run #	Initial Weight	Final Volume
Run #1	15.0 g	1.0 ml
Run #2		

BN PAH List

CAS No.	Compound	Result	PQL	MDL	Units	Q
83-32-9	Acenaphthene	28 U	70	28	ug/kg	
208-96-8	Acenaphthylene	28 U	70	28	ug/kg	
120-12-7	Anthracene	17 U	70	17	ug/kg	
56-55-3	Benzo(a)anthracene	3.5 U	14	3.5	ug/kg	
50-32-8	Benzo(a)pyrene	3.5 U	14	3.5	ug/kg	
205-99-2	Benzo(b)fluoranthene	3.5 U	14	3.5	ug/kg	
191-24-2	Benzo(g,h,i)perylene	3.5 U	14	3.5	ug/kg	
207-08-9	Benzo(k)fluoranthene	3.5 U	14	3.5	ug/kg	
218-01-9	Chrysene	3.5 U	14	3.5	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	3.5 U	14	3.5	ug/kg	
206-44-0	Fluoranthene	17 U	70	17	ug/kg	
86-73-7	Fluorene	28 U	70	28	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	3.5 U	14	3.5	ug/kg	
90-12-0	1-Methylnaphthalene	28 U	70	28	ug/kg	
91-57-6	2-Methylnaphthalene	28 U	70	28	ug/kg	
91-20-3	Naphthalene	28 U	70	28	ug/kg	
85-01-8	Phenanthrene	17 U	70	17	ug/kg	
129-00-0	Pyrene	17 U	70	17	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
7297-45-2	2-Methylnaphthalene-d10	93%		50-150%
93951-69-0	Fluoranthene-d10	98%		50-150%

U = Not detected MDL = Method Detection Limit
PQL = Practical Quantitation Limit
L = Indicates value exceeds calibration range

I = Result > = MDL but < PQL J = Estimated value
V = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Page 1 of 1

Client Sample ID:	SB-4 @ 4'	Date Sampled:	01/12/22
Lab Sample ID:	FA92326-3	Date Received:	01/13/22
Matrix:	SO - Soil	Percent Solids:	95.9
Method:	SW846 8270D BY SIM		
Project:	ATCFLTA: RaceTrac 156; 2711 SR 16, St Augustine, FL		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1		1	01/14/22 18:10	MF	n/a	n/a	R55733
Run #2							

CAS No.	Compound	Result	PQL	Units	Q
	Benzo(a)pyrene Equivalents ^a	NC		mg/kg	

(a) Total Benzo(a)pyrene Equivalents calculated as per FDEP Conversion Table [Revised 11-26-07]

U = Not detected
PQL = Practical Quantitation Limit
L = Indicates value exceeds calibration range

I = Result > = MDL but < PQL J = Estimated value
V = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB-4 @ 4'	Date Sampled:	01/12/22
Lab Sample ID:	FA92326-3	Date Received:	01/13/22
Matrix:	SO - Soil	Percent Solids:	95.9
Method:	FLORIDA-PRO 2018 SW846 3546		
Project:	ATCFLTA: RaceTrac 156; 2711 SR 16, St Augustine, FL		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	YR508438.D	1	01/20/22 11:38	KA	01/18/22 07:30	OP89270	GYR1253
Run #2							

Run #	Initial Weight	Final Volume
Run #1	20.0 g	1.0 ml
Run #2		

CAS No.	Compound	Result	PQL	MDL	Units	Q
	TPH (C8-C40)	4.09	7.1	3.5	mg/kg	I

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	112%		66-136%
7194-86-7	Nonatriacontane	103%		36-132%

U = Not detected MDL = Method Detection Limit
PQL = Practical Quantitation Limit
L = Indicates value exceeds calibration range

I = Result > = MDL but < PQL J = Estimated value
V = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB-5 @ 4'	Date Sampled:	01/12/22
Lab Sample ID:	FA92326-4	Date Received:	01/13/22
Matrix:	SO - Soil	Percent Solids:	96.6
Method:	SW846 8260D		
Project:	ATCFLTA: RaceTrac 156; 2711 SR 16, St Augustine, FL		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3C16302.D	1	01/17/22 19:36	SP	n/a	n/a	V3C715
Run #2							

Run #	Initial Weight	Final Volume
Run #1	5.52 g	5.0 ml
Run #2		

Purgeable Aromatics, MTBE

CAS No.	Compound	Result	PQL	MDL	Units	Q
71-43-2	Benzene	1.1 U	4.7	1.1	ug/kg	
108-88-3	Toluene	9.4 U	19	9.4	ug/kg	
100-41-4	Ethylbenzene	0.94 U	4.7	0.94	ug/kg	
1330-20-7	Xylene (total)	2.0 U	14	2.0	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	0.94 U	4.7	0.94	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	107%		75-124%
17060-07-0	1,2-Dichloroethane-D4	115%		72-135%
2037-26-5	Toluene-D8	96%		75-126%
460-00-4	4-Bromofluorobenzene	98%		71-133%

U = Not detected MDL = Method Detection Limit
PQL = Practical Quantitation Limit
L = Indicates value exceeds calibration range

I = Result > = MDL but < PQL J = Estimated value
V = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB-5 @ 4'	Date Sampled:	01/12/22
Lab Sample ID:	FA92326-4	Date Received:	01/13/22
Matrix:	SO - Soil	Percent Solids:	96.6
Method:	SW846 8270E BY SIM SW846 3510C		
Project:	ATCFLTA: RaceTrac 156; 2711 SR 16, St Augustine, FL		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	7G17468.D	1	01/14/22 18:33	MF	01/14/22 07:00	OP89229	S7G740
Run #2							

Run #	Initial Weight	Final Volume
Run #1	15.1 g	1.0 ml
Run #2		

BN PAH List

CAS No.	Compound	Result	PQL	MDL	Units	Q
83-32-9	Acenaphthene	27 U	69	27	ug/kg	
208-96-8	Acenaphthylene	27 U	69	27	ug/kg	
120-12-7	Anthracene	17 U	69	17	ug/kg	
56-55-3	Benzo(a)anthracene	3.4 U	14	3.4	ug/kg	
50-32-8	Benzo(a)pyrene	3.4 U	14	3.4	ug/kg	
205-99-2	Benzo(b)fluoranthene	3.4 U	14	3.4	ug/kg	
191-24-2	Benzo(g,h,i)perylene	3.4 U	14	3.4	ug/kg	
207-08-9	Benzo(k)fluoranthene	3.4 U	14	3.4	ug/kg	
218-01-9	Chrysene	3.4 U	14	3.4	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	3.4 U	14	3.4	ug/kg	
206-44-0	Fluoranthene	17 U	69	17	ug/kg	
86-73-7	Fluorene	27 U	69	27	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	3.4 U	14	3.4	ug/kg	
90-12-0	1-Methylnaphthalene	27 U	69	27	ug/kg	
91-57-6	2-Methylnaphthalene	27 U	69	27	ug/kg	
91-20-3	Naphthalene	27 U	69	27	ug/kg	
85-01-8	Phenanthrene	17 U	69	17	ug/kg	
129-00-0	Pyrene	17 U	69	17	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
7297-45-2	2-Methylnaphthalene-d10	85%		50-150%
93951-69-0	Fluoranthene-d10	90%		50-150%

U = Not detected MDL = Method Detection Limit
PQL = Practical Quantitation Limit
L = Indicates value exceeds calibration range

I = Result > = MDL but < PQL J = Estimated value
V = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Page 1 of 1

3.4

3

Client Sample ID:	SB-5 @ 4'	Date Sampled:	01/12/22
Lab Sample ID:	FA92326-4	Date Received:	01/13/22
Matrix:	SO - Soil	Percent Solids:	96.6
Method:	SW846 8270D BY SIM		
Project:	ATCFLTA: RaceTrac 156; 2711 SR 16, St Augustine, FL		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1		1	01/14/22 18:33	MF	n/a	n/a	R55732
Run #2							

CAS No.	Compound	Result	PQL	Units	Q
	Benzo(a)pyrene Equivalents ^a	NC		mg/kg	

(a) Total Benzo(a)pyrene Equivalents calculated as per FDEP Conversion Table [Revised 11-26-07]

U = Not detected
PQL = Practical Quantitation Limit
L = Indicates value exceeds calibration range

I = Result > = MDL but < PQL J = Estimated value
V = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Page 1 of 1

3.4

3

Client Sample ID:	SB-5 @ 4'		
Lab Sample ID:	FA92326-4	Date Sampled:	01/12/22
Matrix:	SO - Soil	Date Received:	01/13/22
Method:	FLORIDA-PRO 2018 SW846 3546	Percent Solids:	96.6
Project:	ATCFLTA: RaceTrac 156; 2711 SR 16, St Augustine, FL		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	YR508439.D	1	01/20/22 11:57	KA	01/18/22 07:30	OP89270	GYR1253
Run #2							

Run #	Initial Weight	Final Volume
Run #1	20.0 g	1.0 ml
Run #2		

CAS No.	Compound	Result	PQL	MDL	Units	Q
	TPH (C8-C40)	4.34	7.0	3.5	mg/kg	I

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	110%		66-136%
7194-86-7	Nonatriacontane	104%		36-132%

U = Not detected MDL = Method Detection Limit
PQL = Practical Quantitation Limit
L = Indicates value exceeds calibration range

I = Result > = MDL but < PQL J = Estimated value
V = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Misc. Forms

Custody Documents and Other Forms

Includes the following where applicable:

- Chain of Custody



SGS Sample Receipt Summary

Job Number: FA92326 **Client:** ATLAS **Project:** RT 156
Date / Time Received: 1/13/2022 2:09:00 PM **Delivery Method:** COURIER **Airbill #s:**

Therm ID: IR 1; **Therm CF:** 0.2; **# of Coolers:** 1
Cooler Temps (Raw Measured) °C: Cooler 1: (3.6);
Cooler Temps (Corrected) °C: Cooler 1: (3.8);

Cooler Information

	<u>Y</u>	<u>or</u>	<u>N</u>
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

	<u>Y</u>	<u>or</u>	<u>N</u>	<u>N/A</u>
1. Trip Blank present / cooler	☐		☐	☒
2. Trip Blank listed on COC	☐		☐	☒
	<u>W</u>	<u>or</u>	<u>S</u>	<u>N/A</u>
3. Type Of TB Received	☐		☐	☒

Sample Information

	<u>Y</u>	<u>or</u>	<u>N</u>	<u>N/A</u>
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 #: pH 0-3 _____ 230315 _____ pH 10-12 _____ 219813A _____ Other: (Specify) _____
 Residual Chlorine Test Strip Lot #: _____

Comments FROZEN @ 1445 // 1/13/22

SM001 Technician: NATHANS Date: 1/13/2022 2:09:00 PM Reviewer: _____ Date: _____
 Rev. Date 05/24/17

FA92326: Chain of Custody
Page 2 of 2



4.1
4

MS Volatiles

5

QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Blank Spike Summaries
- Matrix Spike and Duplicate Summaries

Method Blank Summary

Page 1 of 1

Job Number: FA92326

Account: RACETRAC RaceTrac

Project: ATCFLTA: RaceTrac 156; 2711 SR 16, St Augustine, FL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V3C715-MB	3C16286.D	1	01/17/22	SP	n/a	n/a	V3C715

The QC reported here applies to the following samples:

Method: SW846 8260D

FA92326-1, FA92326-2, FA92326-3, FA92326-4

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	5.0	1.2	ug/kg	
100-41-4	Ethylbenzene	ND	5.0	1.0	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	5.0	1.0	ug/kg	
108-88-3	Toluene	ND	20	10	ug/kg	
1330-20-7	Xylene (total)	ND	15	2.1	ug/kg	

CAS No.	Surrogate Recoveries	Limits
1868-53-7	Dibromofluoromethane	105% 75-124%
17060-07-0	1,2-Dichloroethane-D4	112% 72-135%
2037-26-5	Toluene-D8	97% 75-126%
460-00-4	4-Bromofluorobenzene	100% 71-133%

Blank Spike Summary

Page 1 of 1

Job Number: FA92326

Account: RACETRAC RaceTrac

Project: ATCFLTA: RaceTrac 156; 2711 SR 16, St Augustine, FL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V3C715-BS	3C16285.D	1	01/17/22	SP	n/a	n/a	V3C715

The QC reported here applies to the following samples:

Method: SW846 8260D

FA92326-1, FA92326-2, FA92326-3, FA92326-4

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	Limits
71-43-2	Benzene	50	49.2	98	76-126
100-41-4	Ethylbenzene	50	49.1	98	77-123
1634-04-4	Methyl Tert Butyl Ether	50	50.1	100	77-120
108-88-3	Toluene	50	48.5	97	76-124
1330-20-7	Xylene (total)	150	150	100	80-129

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	100%	75-124%
17060-07-0	1,2-Dichloroethane-D4	100%	72-135%
2037-26-5	Toluene-D8	99%	75-126%
460-00-4	4-Bromofluorobenzene	98%	71-133%

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Page 1 of 1

Job Number: FA92326

Account: RACETRAC RaceTrac

Project: ATCFLTA: RaceTrac 156; 2711 SR 16, St Augustine, FL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
FA92326-2MS	3C16308.D	1	01/17/22	SP	n/a	n/a	V3C715
FA92326-2MSD	3C16309.D	1	01/17/22	SP	n/a	n/a	V3C715
FA92326-2	3C16300.D	1	01/17/22	SP	n/a	n/a	V3C715

The QC reported here applies to the following samples:

Method: SW846 8260D

FA92326-1, FA92326-2, FA92326-3, FA92326-4

CAS No.	Compound	FA92326-2 ug/kg	Spike Q	MS ug/kg	MS %	Spike ug/kg	MSD ug/kg	MSD %	RPD	Limits Rec/RPD
71-43-2	Benzene	5.6 U	75.4	68.6	91	75.6	65.2	86	5	76-126/26
100-41-4	Ethylbenzene	5.6 U	75.4	60.5	80	75.6	56.5	75*	7	77-123/31
1634-04-4	Methyl Tert Butyl Ether	5.6 U	75.4	73.4	97	75.6	72.0	95	2	77-120/24
108-88-3	Toluene	23 U	75.4	64.3	85	75.6	60.7	80	6	76-124/30
1330-20-7	Xylene (total)	17 U	226	184	81	227	171	75*	7	80-129/30

CAS No.	Surrogate Recoveries	MS	MSD	FA92326-2	Limits
1868-53-7	Dibromofluoromethane	99%	99%	108%	75-124%
17060-07-0	1,2-Dichloroethane-D4	96%	98%	114%	72-135%
2037-26-5	Toluene-D8	98%	97%	95%	75-126%
460-00-4	4-Bromofluorobenzene	98%	99%	96%	71-133%

* = Outside of Control Limits.

MS Semi-volatiles

QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Blank Spike Summaries
- Matrix Spike and Duplicate Summaries

Method Blank Summary

Page 1 of 1

Job Number: FA92326

Account: RACETRAC RaceTrac

Project: ATCFLTA: RaceTrac 156; 2711 SR 16, St Augustine, FL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP89229-MB	7G17458.D	1	01/14/22	MF	01/14/22	OP89229	S7G740

The QC reported here applies to the following samples:

Method: SW846 8270E BY SIM

FA92326-1, FA92326-2, FA92326-3, FA92326-4

CAS No.	Compound	Result	RL	MDL	Units	Q
83-32-9	Acenaphthene	ND	67	27	ug/kg	
208-96-8	Acenaphthylene	ND	67	27	ug/kg	
120-12-7	Anthracene	ND	67	17	ug/kg	
56-55-3	Benzo(a)anthracene	ND	13	3.3	ug/kg	
50-32-8	Benzo(a)pyrene	ND	13	3.3	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	13	3.3	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	13	3.3	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	13	3.3	ug/kg	
218-01-9	Chrysene	ND	13	3.3	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	13	3.3	ug/kg	
206-44-0	Fluoranthene	ND	67	17	ug/kg	
86-73-7	Fluorene	ND	67	27	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	13	3.3	ug/kg	
90-12-0	1-Methylnaphthalene	ND	67	27	ug/kg	
91-57-6	2-Methylnaphthalene	ND	67	27	ug/kg	
91-20-3	Naphthalene	ND	67	27	ug/kg	
85-01-8	Phenanthrene	ND	67	17	ug/kg	
129-00-0	Pyrene	ND	67	17	ug/kg	

CAS No.	Surrogate Recoveries	Limits
7297-45-2	2-Methylnaphthalene-d10	97% 50-150%
93951-69-0	Fluoranthene-d10	103% 50-150%

Blank Spike Summary

Page 1 of 1

Job Number: FA92326

Account: RACETRAC RaceTrac

Project: ATCFLTA: RaceTrac 156; 2711 SR 16, St Augustine, FL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP89229-BS	7G17459.D	1	01/14/22	MF	01/14/22	OP89229	S7G740

The QC reported here applies to the following samples:

Method: SW846 8270E BY SIM

FA92326-1, FA92326-2, FA92326-3, FA92326-4

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	Limits
83-32-9	Acenaphthene	649	510	79	53-100
208-96-8	Acenaphthylene	649	493	76	51-100
120-12-7	Anthracene	325	247	76	60-102
56-55-3	Benzo(a)anthracene	325	256	79	60-106
50-32-8	Benzo(a)pyrene	325	261	80	58-105
205-99-2	Benzo(b)fluoranthene	325	271	83	59-112
191-24-2	Benzo(g,h,i)perylene	325	234	72	56-109
207-08-9	Benzo(k)fluoranthene	325	261	80	58-109
218-01-9	Chrysene	325	275	85	62-104
53-70-3	Dibenzo(a,h)anthracene	325	257	79	55-110
206-44-0	Fluoranthene	649	500	77	59-109
86-73-7	Fluorene	649	528	81	56-104
193-39-5	Indeno(1,2,3-cd)pyrene	325	263	81	54-110
90-12-0	1-Methylnaphthalene	649	540	83	50-101
91-57-6	2-Methylnaphthalene	649	476	73	49-100
91-20-3	Naphthalene	649	495	76	49-101
85-01-8	Phenanthrene	649	505	78	57-104
129-00-0	Pyrene	649	526	81	58-106

CAS No.	Surrogate Recoveries	BSP	Limits
7297-45-2	2-Methylnaphthalene-d10	88%	50-150%
93951-69-0	Fluoranthene-d10	91%	50-150%

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Page 1 of 1

Job Number: FA92326

Account: RACETRAC RaceTrac

Project: ATCFLTA: RaceTrac 156; 2711 SR 16, St Augustine, FL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP89229-MS	7G17489.D	2	01/17/22	MF	01/14/22	OP89229	S7G741
OP89229-MSD	7G17490.D	2	01/17/22	MF	01/14/22	OP89229	S7G741
FA92234-1	7G17461.D	1	01/14/22	MF	01/14/22	OP89229	S7G740
FA92234-1	7G17488.D	2	01/17/22	MF	01/14/22	OP89229	S7G741

The QC reported here applies to the following samples:

Method: SW846 8270E BY SIM

FA92326-1, FA92326-2, FA92326-3, FA92326-4

CAS No.	Compound	FA92234-1 ug/kg	Q	Spike ug/kg	MS ug/kg	MS %	Spike ug/kg	MSD ug/kg	MSD %	RPD	Limits Rec/RPD
83-32-9	Acenaphthene	78 U		790	656	83	780	644	83	2	53-100/28
208-96-8	Acenaphthylene	78 U		790	624	79	780	600	77	4	51-100/25
120-12-7	Anthracene	54.5	I	395	338	72	390	327	70	3	60-102/29
56-55-3	Benzo(a)anthracene	911		395	1030	30* a	390	1070	41* a	4	60-106/30
50-32-8	Benzo(a)pyrene	1420		395	1420	0* a	390	1490	18* a	5	58-105/30
205-99-2	Benzo(b)fluoranthene	2710 b		395	2460	-63* a	390	2540	-44* a	3	59-112/33
191-24-2	Benzo(g,h,i)perylene	1180		395	1250	18* a	390	1440	67	14	56-109/31
207-08-9	Benzo(k)fluoranthene	833		395	991	40* a	390	1040	53* a	5	58-109/33
218-01-9	Chrysene	1710 b		395	1590	-30* a	390	1720	3* a	8	62-104/30
53-70-3	Dibenzo(a,h)anthracene	242		395	478	60	390	512	69	7	55-110/31
206-44-0	Fluoranthene	2110		790	1750	-46* a	780	1960	-19* a	11	59-109/29
86-73-7	Fluorene	78 U		790	661	84	780	640	82	3	56-104/27
193-39-5	Indeno(1,2,3-cd)pyrene	1390		395	1350	-10* a	390	1550	41* a	14	54-110/32
90-12-0	1-Methylnaphthalene	78 U		790	686	87	780	673	86	2	50-101/30
91-57-6	2-Methylnaphthalene	78 U		790	596	75	780	575	74	4	49-100/26
91-20-3	Naphthalene	78 U		790	621	79	780	596	76	4	49-101/28
85-01-8	Phenanthrene	402		790	933	67	780	969	73	4	57-104/27
129-00-0	Pyrene	1850		790	2510	84	780	2540	89	1	58-106/29

CAS No.	Surrogate Recoveries	MS	MSD	FA92234-1	FA92234-1	Limits
7297-45-2	2-Methylnaphthalene-d10	89%	86%	98%	99%	50-150%
93951-69-0	Fluoranthene-d10	72%	75%	108%	86%	50-150%

(a) Outside control limits due to high level in sample relative to spike amount.

(b) Result is from Run #2.

* = Outside of Control Limits.

GC/LC Semi-volatiles**QC Data Summaries**

7

Includes the following where applicable:

- **Method Blank Summaries**
- **Blank Spike Summaries**
- **Matrix Spike and Duplicate Summaries**

Method Blank Summary

Page 1 of 1

Job Number: FA92326

Account: RACETRAC RaceTrac

Project: ATCFLTA: RaceTrac 156; 2711 SR 16, St Augustine, FL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP89270-MB	JR0087593.D	1	01/18/22	KA	01/18/22	OP89270	GJR407

The QC reported here applies to the following samples:

Method: FLORIDA-PRO 2018

FA92326-1, FA92326-2, FA92326-3, FA92326-4

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH (C8-C40)	ND	6.8	3.4	mg/kg	

CAS No.	Surrogate Recoveries		Limits
84-15-1	o-Terphenyl	91%	66-136%
7194-86-7	Nonatriacontane	54%	36-132%

7.1.1

7

Method Blank Summary

Page 1 of 1

Job Number: FA92326

Account: RACETRAC RaceTrac

Project: ATCFLTA: RaceTrac 156; 2711 SR 16, St Augustine, FL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP89270-MB	YR508408.D	1	01/19/22	KA	01/18/22	OP89270	GYR1252

The QC reported here applies to the following samples:

Method: FLORIDA-PRO 2018

FA92326-1, FA92326-2, FA92326-3, FA92326-4

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH (C8-C40)	ND	6.8	3.4	mg/kg	

CAS No.	Surrogate Recoveries	Limits
84-15-1	o-Terphenyl	88% 66-136%
7194-86-7	Nonatriacontane	84% 36-132%

7.1.2

7

Blank Spike Summary

Page 1 of 1

Job Number: FA92326

Account: RACETRAC RaceTrac

Project: ATCFLTA: RaceTrac 156; 2711 SR 16, St Augustine, FL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP89270-BS	JR0087594.D	1	01/18/22	KA	01/18/22	OP89270	GJR407

The QC reported here applies to the following samples:

Method: FLORIDA-PRO 2018

FA92326-1, FA92326-2, FA92326-3, FA92326-4

CAS No.	Compound	Spike mg/kg	BSP mg/kg	BSP %	Limits
	TPH (C8-C40)	34	24.1	71	65-119

CAS No.	Surrogate Recoveries	BSP	Limits
84-15-1	o-Terphenyl	95%	66-136%
7194-86-7	Nonatriacontane	45%	36-132%

* = Outside of Control Limits.

Blank Spike Summary

Page 1 of 1

Job Number: FA92326

Account: RACETRAC RaceTrac

Project: ATCFLTA: RaceTrac 156; 2711 SR 16, St Augustine, FL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP89270-BS	YR508409.D	1	01/19/22	KA	01/18/22	OP89270	GYR1252

The QC reported here applies to the following samples:

Method: FLORIDA-PRO 2018

FA92326-1, FA92326-2, FA92326-3, FA92326-4

CAS No.	Compound	Spike mg/kg	BSP mg/kg	BSP %	Limits
	TPH (C8-C40)	34	28.0	82	65-119

CAS No.	Surrogate Recoveries	BSP	Limits
84-15-1	o-Terphenyl	96%	66-136%
7194-86-7	Nonatriacontane	58%	36-132%

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Page 1 of 1

Job Number: FA92326

Account: RACETRAC RaceTrac

Project: ATCFLTA: RaceTrac 156; 2711 SR 16, St Augustine, FL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP89270-MS	JR0087605.D	1	01/18/22	KA	01/18/22	OP89270	GJR407
OP89270-MSD	JR0087606.D	1	01/18/22	KA	01/18/22	OP89270	GJR407
FA92270-1	JR0087595.D	1	01/18/22	KA	01/18/22	OP89270	GJR407

The QC reported here applies to the following samples:

Method: FLORIDA-PRO 2018

FA92326-1, FA92326-2, FA92326-3, FA92326-4

CAS No.	Compound	FA92270-1 mg/kg	Spike Q	MS mg/kg	MS %	Spike mg/kg	MSD mg/kg	MSD %	RPD	Limits Rec/RPD
	TPH (C8-C40)	7.6 U	37.8	28.9	76	37.9	31.4	83	8	65-119/25

CAS No.	Surrogate Recoveries	MS	MSD	FA92270-1	Limits
84-15-1	o-Terphenyl	96%	100%	88%	66-136%
7194-86-7	Nonatriacontane	51%	80%	60%	36-132%

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Page 1 of 1

Job Number: FA92326

Account: RACETRAC RaceTrac

Project: ATCFLTA: RaceTrac 156; 2711 SR 16, St Augustine, FL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP89270-MS	JR0087605.D	1	01/18/22	KA	01/18/22	OP89270	GJR407
OP89270-MSD	YR508412.D	1	01/19/22	KA	01/18/22	OP89270	GYR1252
FA92270-1	JR0087595.D	1	01/18/22	KA	01/18/22	OP89270	GJR407

The QC reported here applies to the following samples:

Method: FLORIDA-PRO 2018

FA92326-1, FA92326-2, FA92326-3, FA92326-4

CAS No.	Compound	FA92270-1 mg/kg	Spike Q	MS mg/kg	MS %	Spike mg/kg	MSD mg/kg	MSD %	RPD	Limits Rec/RPD
	TPH (C8-C40)	7.6 U	37.8	28.9	76	37.9	36.1	95	5	65-119/25

CAS No.	Surrogate Recoveries	MS	MSD	FA92270-1	Limits
84-15-1	o-Terphenyl	96%	98%	88%	66-136%
7194-86-7	Nonatriacontane	51%	95%	60%	36-132%

* = Outside of Control Limits.

SITE 13 – Hustler’s of Hollywood

No assessment information available

SITE 14 – Days Inn

No assessment information available

SITE 15 – Texaco #24-110-0004/ Pennzoil

Addendum to CAR, dated June 22, 1991 (text, figures, tables, and laboratory analytical data) – 42 pages

Interim Assessment Report, dated July 13, 2023 (text, figures, tables, and laboratory analytical data) – 106 pages

StarEnterprise



P O Box 945140 (32794-5140)
555 Winderley Pl (32751)
Maitland FL
407 875 7600

June 22, 1991

Mr. Timothy Bahr
Florida Department of Environmental Regulation
Twin Towers Building
2600 Blair Stone Road
Tallahassee, Florida 32399-2400

Bureau of Waste Cleanup

JUN 24 1991

RE: ADDENDUM TO CONTAMINATION ASSESSMENT REPORT/
CLOSURE ASSESSMENT REPORT
Texaco Retail Facility
2500 S. R. 16
St. Augustine, Florida
Loc. #24-110-004
FDER #55B515920

Technical Review Section
72 MB
6/25/91

Dear Mr. Bahr:

During installation of the facility's groundwater remediation system, two abandoned underground petroleum storage tanks were found on-site. On April 12, 1991, the two (2) tanks were removed from behind the station building at the Texaco retail facility located at 2500 S. R. 16 in St. Augustine, Florida. One (1) tank was a 550 gallon used oil tank, the other was a 1,000 gallon fuel oil tank. Results from the environmental assessment are presented with the attached Closure Assessment Form (Attachment 1), water quality tables, and groundwater quality analytical reports. Locations of the tanks at the site are presented in Figure 1.

During removal of the fuel oil tank, organic vapors were detected in a soil sample collected from the north end of the tank pit (Table 1). Approximately 1 cubic yard of soil was excavated and stockpile on-site. Results of the soil screening are presented in Table 1. Groundwater analytical data from the tank pit indicate that total naphthalene concentrations (21.2 parts per billion, ppb) are below the State of Florida target level (Table 2). Concentrations of other polynuclear aromatic hydrocarbons (PAH) in groundwater were 21.409 ppb (Table 2). Groundwater analytical data is presented in Table 2 and Attachment 2.

During the removal of the used motor oil tank no visual evidence of leakage was exhibited in soil from the tank pit. Groundwater analytical results from samples collected from the tank pit indicate that purgeable organic compounds and base/neutrals and acid compounds were not present in local groundwater. Arsenic and cadmium were detected in groundwater samples from the tank pit at concentrations below State target levels. Chromium and lead concentrations in groundwater exceeded State target levels at concentrations of 67 ppb and 6900 ppb, respectively.

Based on results from the closure assessment, Star Enterprise recommends additional action be taken at this facility. Star Enterprise proposes to install a monitoring well in each former tank pit. Groundwater samples will be collected from the fuel oil tank pit for analysis by EPA 602 for BTEX with MTBE and EPA 610 for total naphthalene and other PAH. Groundwater samples will be collected from the well in the used motor oil tank pit for filtered and unfiltered concentrations of chromium and lead. Additional project work-scope will be developed based on results of these analyses.

Sincerely yours;

STAR ENTERPRISE
On Behalf of Texaco Refining and Marketing Inc.

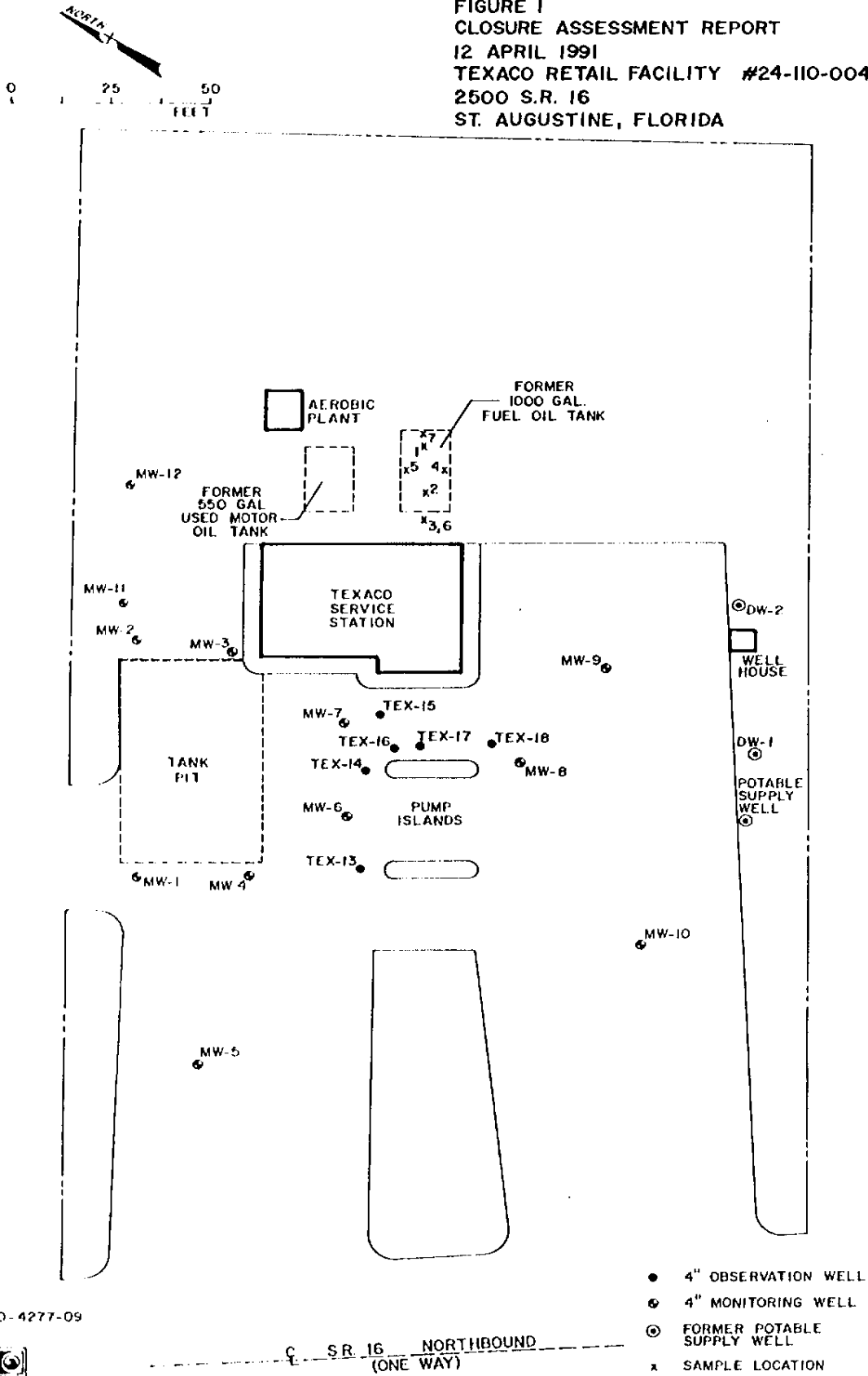


Robert A. Gulick
Environmental Coordinator

Attachment

cc: RKG FCH EKW RAG (w/o)
St Johns County - John Parr (w/a)
FDER-Northeast (w/a)
GTI - Brown, Read File (w/o)

FIGURE 1
CLOSURE ASSESSMENT REPORT
12 APRIL 1991
TEXACO RETAIL FACILITY #24-110-004
2500 S.R. 16
ST. AUGUSTINE, FLORIDA



501-150-4277-09

TABLE 1
ORGANIC VAPORS IN SOIL, PPM
Fuel Oil Tank Pit
Texaco Retail Facility
2500 S. R. 16
St. Augustine, Florida
April 12, 1991

Sample Id.	Depth ft.	PPM Unfiltered	PPM Filtered	Petro. Conc.
FO-1	2	8	6	2
FO-2	2	0.0	--	0
FO-3	2	0.0	--	0
FO-4	4	11	7	4
FO-5	4	17	17	0
FO-6	4	300	140	160
FO-7	4	0.0	--	0

TABLE 2
KEROSENE COMPONENTS IN GROUNDWATER, PPB
Fuel Oil Tank
Texaco Retail Facility
2500 S. R. 16
St. Augustine, Florida
April 12, 1991

Total Naph.	PAH
21.2	21.409



GROUNDWATER
TECHNOLOGY, INC.

TABLE 3
 METALS IN GROUNDWATER, PPB
 Used Oil Tank
 Texaco Retail Facility
 2500 S.R. 16
 St. Augustine, Florida
 April 12, 1991

Arsenic	Cadmium	Chromium	Lead
19	9.4	67	6900



GROUNDWATER
 TECHNOLOGY, INC.

ATTACHMENT 1
Closure Assessment Form



GROUNDWATER
TECHNOLOGY, INC.



Florida Department of Environmental Regulation

Twin Towers Office Bldg. • 2600 Blair Stone Road • Tallahassee, Florida 32399-2400
Send copy to: Pollutant Storage Tank Program, 300 31st St. N., #601
St. Petersburg, FL 33713

DER Form #	17-201.003(6)
Form Title	Closure Assessment Form
Effective Date	December 10, 1990
DER Application No.	(Filled in by DER)

Closure Assessment Form

Owners of storage tank systems that are replacing, removing or closing in place storage tanks shall use this form to demonstrate that a store system closure assessment was performed in accordance with Rule 17-761 or 17-762, Florida Administrative Code. Eligible Early Detection Initiative (EDI) and Reimbursement Program sites do not have to perform a closure assessment.

Please Print or Type
Complete All Applicable Blanks

1. Date: 11 June 1991
2. DER Facility ID Number: 558515920
3. County: St. Johns
4. Facility Name: Texaco Retail Facility
5. Facility Owner: Texaco Refining & Marketing Inc.
6. Facility Address: 2500 SR16, St. Augustine, FL 32092
7. Mailing Address: 555 Winderley Place, #420, Matland, FL 32751
8. Telephone Number (407): 875-7645
9. Facility Operator: St. Augustine Texaco
10. Are the Storage Tank(s) (Circle one or both) A. Aboveground or B. Underground
11. Type of Product(s) Stored: Fuel Oil & Used Motor Oil
12. Were the Tank(s): (Circle one) A. Replaced B. Removed C. Closed in Place D. Upgraded (aboveground tanks only)
13. Number of Tanks Closed: Two (2)
14. Age of Tanks: Unknown

Facility Assessment Information

Yes	No	Applicable
☒	☐	☐
☒	☐	☐
☒	☐	☐
☐	☒	☐
☐	☒	☒
☒	☐	☐
☒	☐	☐
☒	☒	☐
☒	☐	☐
☒	☐	☐
1. Is the facility participating in the Florida Petroleum Liability Insurance and Restoration Program (FPLIRP)?
 2. Was a Discharge Reporting Form submitted to the Department?
If yes, When: 26 March 1991 Where: EDER, Jacksonville
 3. Is the depth to ground water less than 20 feet?
 4. Are monitoring wells present around the storage system?
If yes, specify type: ☐ Water monitoring ☐ Vapor monitoring
 5. Is the free product present in the monitoring wells or within the excavation?
 6. Were the petroleum hydrocarbon vapor levels in the soils greater than 500 parts per million for gasoline?
Specify sample type: ☐ Vapor Monitoring wells ☐ Soil sample(s)
 7. Were the petroleum hydrocarbon vapor levels in the soils greater than 50 parts per million for diesel/hexane?
Specify sample type: ☐ Vapor Monitoring wells ☒ Soil sample(s)
 8. Were the analytical laboratory results of the ground water sample(s) greater than the allowable state target levels?
(See target levels on reverse side of this form and supply laboratory data sheets)
 9. If a used oil storage system, did a visual inspection detect any discolored soil indicating a release?
 10. Are any potable wells located within 1/4 of a mile radius of the facility?
 11. Is there a surface water body within 1/4 mile radius of the site? If yes, indicate distance: 5 1/4 miles

ATTACHMENT 2
Groundwater Analytical Data



GROUNDWATER
TECHNOLOGY, INC.



Northeast Region
Meadowbrook Industrial Park
Milford, NH 03055
(603) 672-4835
(603) 673-8105 (FAX)

Client Number: 050010663
Project ID: Not Applicable
Work Order Number: N1-04-397

April 30, 1991

William Chadeayne
Groundwater Technology, Inc.
8933 Western Way, #16
Jacksonville, FL 32256

Dear Mr. Chadeayne:

This report, previously dated 4/25/91, is a reissue.

Enclosed please find the analytical results for the samples received by GTEL Environmental Laboratories, Inc. on 4/15/91 under chain-of-custody record 34763.

A formal Quality Assurance / Quality Control (QA/QC) program is maintained by GTEL, which is designed to meet or exceed the EPA requirements. Analytical work for this project met QA/QC criteria unless otherwise stated in the footnotes.

GTEL is certified (approved) by the State of Florida under certificate number E 87103.

If you have any questions regarding this analysis, or if we can be of further assistance, please call our Customer Service Representative.

Sincerely,
GTEL Environmental Laboratories, Inc.

Chris J. Miller
Inorganics Manager

Client Number: 050010663
 Project ID: Not Applicable
 Work Order Number: N1-04-397

ANALYTICAL RESULTS

Total Metals in Water

GTEL Sample Number		04397-01	--	--	--
Client Identification		USED OIL PIT	--	--	--
Date Sampled		4/12/91	--	--	--
Date Analyzed (Method 206.2)		4/16/91	--	--	--
Date Analyzed (Method 6010)		4/17/91	--	--	--
Analyte	Method ^a	Method Detection Limit, ug/L	Concentration, ug/L		
Arsenic	EPA 206.2	5.0	19	--	--
Cadmium	EPA 6010 ^c	5.0	9.4	--	--
Chromium	EPA 6010 ^c	10	67	--	--
Lead	EPA 6010 ^c	5.0	6900	--	--
Detection Limit Multiplier ^b		1	--	--	--

- a EPA 600/4-79-020, March 1983 revision; digestion by EPA methods in this manual.
 b The detection limit multiplier indicates the adjustments made to the data and detection limits for sample dilutions.
 c Test Methods for Evaluating Solid Waste, SW-846, Third Edition, Rev. 0, US EPA, November 1986.

[illegible]

POOR ORIGINAL



GTEL

ENVIRONMENTAL
LABORATORIES, INC.

Northeast Region
Meadowbrook Industrial Park
Milford, NH 03055
(603) 672-4577
(603) 673-8102 (fax)

Client Number: 050010663
Project ID: Not Applicable
Work Order Number: N1-04-396

April 30, 1991

William F. Chadeayne
Groundwater Technology, Inc.
8933 Western Way #16
Jacksonville, FL 32256

Dear Mr. Chadeayne:

This report, previously dated 04/24/91, is a reissue.

Enclosed please find the analytical results for the samples received by GTEL Environmental Laboratories, Inc. on 04/15/91 under chain-of-custody record 34763.

A formal Quality Assurance / Quality Control (QA/QC) program is maintained by GTEL, which is designed to meet or exceed the EPA requirements. Analytical work for this project met QA/QC criteria unless otherwise stated in the footnotes.

GTEL is certified (approved) by the State of Florida under certificate number E87103.

If you have any questions regarding this analysis, or if we can be of further assistance, please call our Customer Service Representative.

Sincerely,

GTEL Environmental Laboratories, Inc.

Mark M. Emmons
Volatile Organics Manager

Client Number: 050010663
Project ID: Not Applicable
Work Order Number: N1-04-396

CAS NUMBERS AND DETECTION LIMITS

Purgeable Organics in Water
Modified EPA Method 624

Analyte	CAS #	Method Detection Limit (MDL) ug/L
Chloromethane	74-87-3	2.8
Bromomethane	74-83-9	2.0
Vinyl Chloride	75-01-4	3.4
Chloroethane	75-00-3	1.8
Methylene Chloride	75-09-2	1.5
Trichlorofluoromethane	75-69-4	3.8
1,1-Dichloroethene	75-35-4	3.9
1,1-Dichloroethane	75-34-3	1.6
1,2-Dichloroethene (<i>cis</i> + <i>trans</i>)	107-06-2	1.0
Chloroform	67-66-2	1.4
1,2-Dichloroethane	107-06-2	1.5
1,1,1-Trichloroethane	71-55-6	1.0
Carbon Tetrachloride	56-23-5	2.6
Bromodichloromethane	75-27-4	0.9
1,2-Dichloropropane	78-87-5	1.8
<i>cis</i> -1,3-Dichloropropene	10061-01-5	1.3
Trichloroethene	79-01-6	1.7
Dibromochloromethane	124-48-1	0.9
1,1,2-Trichloroethane	79-00-5	1.3
Benzene	71-43-2	0.7
2-Chloroethyl Vinyl Ether	110-75-8	1.3

Client Number: 050010663
Project ID: Not Applicable
Work Order Number: N1-04-396

CAS NUMBERS AND DETECTION LIMITS

Purgeable Organics in Water
Modified EPA Method 624

Analyte	CAS #	Method Detection Limit (MDL) ug/L
<i>trans</i> -1,3-Dichloropropene	10061-02-6	0.8
Bromoform	75-25-2	1.4
Tetrachloroethene	127-18-4	2.4
1,1,2,2-Tetrachloroethane	79-34-5	1.7
Toluene	108-88-3	1.2
Chlorobenzene	108-90-7	1.3
Ethylbenzene	100-41-4	0.7
Xylenes (total)	1330-20-7	1.7
1,2-Dichlorobenzene	95-50-1	0.9
1,3-Dichlorobenzene	541-73-1	7.9
1,4-Dichlorobenzene	106-46-7	3.6

Client Number: 050010663
 Project ID: Not Applicable
 Work Order Number: N1-04-396

ANALYTICAL RESULTS

Purgeable Organics in Water
 Modified EPA Method 624^a

GTEL Sample Number		04396-02	--	--	--
Client Identification		USED OIL PIT	--	--	--
Date Sampled		04/12/91	--	--	--
Date Analyzed		04/17/91	--	--	--
Analyte	PQL ug/L ^b	Concentration, ug/L ^c			
Chloromethane	10	10 U	--	--	--
Bromomethane	10	10 U	--	--	--
Vinyl Chloride	10	10 U	--	--	--
Chloroethane	10	10 U	--	--	--
Methylene Chloride	5	5 U	--	--	--
Trichlorofluoromethane	5	5 U	--	--	--
1,1-Dichloroethene	5	5 U	--	--	--
1,1-Dichloroethane	5	5 U	--	--	--
1,2-Dichloroethene (total) ^d	5	5 U	--	--	--
Chloroform	5	5 U	--	--	--
1,2-Dichloroethane	5	5 U	--	--	--
1,1,1-Trichloroethane	5	5 U	--	--	--
Carbon Tetrachloride	5	5 U	--	--	--
Bromodichloromethane	5	5 U	--	--	--
1,2-Dichloropropene	5	5 U	--	--	--
cis-1,3-Dichloropropene	5	5 U	--	--	--
Trichloroethene	5	5 U	--	--	--
Dibromochloromethane	5	5 U	--	--	--
1,1,2-Trichloroethane	5	5 U	--	--	--
Benzene	5	5 U	--	--	--
2-Chloroethyl Vinyl Ether	10	10 U	--	--	--
Practical Quantitation Limit Multiplier ^e		1	--	--	--

GTEL Milford, NH
 N104396A.DOC:4



Client Number: 050010663
 Project ID: Not Applicable
 Work Order Number: N1-04-396

ANALYTICAL RESULTS

Purgeable Organics in Water
 Modified EPA Method 624a

GTEL Sample Number		04396-02	--	--	--
Client Identification		USED OIL PIT	--	--	--
Date Sampled		4/12/91	--	--	--
Date Analyzed		4/17/91	--	--	--
Analyte	PQL ug/L ^b	Concentration, ug/L ^c			
<i>trans</i> -1,3-Dichloropropene	5	5 U	--	--	--
Bromoform	5	5 U	--	--	--
Tetrachloroethene	5	5 U	--	--	--
1,1,2,2-Tetrachloroethane	5	5 U	--	--	--
Toluene	5	5 U	--	--	--
Chlorobenzene	5	5 U	--	--	--
Ethylbenzene	5	5 U	--	--	--
Xylenes (total)	5	5 U	--	--	--
1,2-Dichlorobenzene	10	10 U	--	--	--
1,3-Dichlorobenzene	10	10 U	--	--	--
1,4-Dichlorobenzene	10	10 U	--	--	--
Practical Quantitation Limit Multiplier ^e		1	--	--	--

Client Number: 050010663
Project ID: Not Applicable
Work Order Number: N1-04-396

ANALYTICAL RESULTS
TENTATIVELY IDENTIFIED COMPOUNDS

Purgeable Organics in Water
Modified EPA Method 624^a

GTEL Sample Number			04396-02
Client Identification			USED OIL PIT
Date Sampled			04/12/91
Date Analyzed			04/17/91
CAS Number	Compound	SCAN	Estimated Concentration, ug/L ^c
1. --	--	--	--
Practical Quantitation Limit Multiplier ^d			1

Client Number: 050010663
Project ID: Not Applicable
Work Order Number: N1-04-396

ANALYTICAL RESULTS

Purgeable Organics in Water Modified EPA Method 624^a

- a Federal Register, Vol. 49, October 26, 1984. Method modified to include additional compounds. Sample preparation by purge and trap.
- b Practical quantitation limit. Practical quantitation limits found in EPA Method 8240, Table 2, Test Methods for Evaluating Solid Waste, SW-846, Third Edition, Revision 0, US EPA November 1986.
- c Data Flag Definitions
 - U Indicates compound was analyzed for but not detected.
 - J Indicates an estimated value. This flag is used when the mass spectral data indicates the presence of a compound that meets the identification criteria but the result is less than the quantitation limit, but greater than zero, or when reporting an estimated concentration for a tentatively identified compound.
 - B Indicates that the analyte was found in the blank as well as a sample. It indicates possible/probable blank contamination and warns the data user to take appropriate action.
- d Total 1,2-dichloroethene is the sum of the cis- and trans- isomers.
- e The practical quantitation limit multiplier indicates the adjustments made to the data and PQLs for sample dilutions.

Client Number: 050010663
 Project ID: Not Applicable
 Work Order Number: N1-04-396

METHOD BLANK SUMMARY

Purgeable Organics in Water
 Modified EPA Method 624^a

GTEL File ID		BLF857	
Date Analyzed		04/17/91	
Analyte	PQL, ug/L ^b	Concentration, ug/L ^c	
Chloromethane	10	10	U
Bromomethane	10	10	U
Vinyl Chloride	10	10	U
Chloroethane	10	10	U
Methylene Chloride	5	5	U
Trichlorofluoromethane	5	5	U
1,1-Dichloroethene	5	5	U
1,1-Dichloroethane	5	5	U
1,2-Dichloroethene (total)	5	5	U
Chloroform	5	5	U
1,2-Dichloroethane	5	5	U
1,1,1-Trichloroethane	5	5	U
Carbon Tetrachloride	5	5	U
Bromodichloromethane	5	5	U
1,2-Dichloropropene	5	5	U
cis-1,3-Dichloropropene	5	5	U
Trichloroethene	5	5	U
Dibromochloromethane	5	5	U
1,1,2-Trichloroethane	5	5	U
Benzene	5	5	U
2-Chloroethyl Vinyl Ether	10	10	U

Client Number: 050010663
Project ID: Not Applicable
Work Order Number: N1-04-396

METHOD BLANK SUMMARY

Purgeable Organics in Water
Modified EPA Method 624^a

GTEL File ID		BLF857
Date Analyzed		04/17/91
Analyte	PQL, ug/L ^b	Concentration, ug/L ^c
<i>trans</i> -1,3-Dichloropropene	5	5 U
Bromoform	5	5 U
Tetrachloroethene	5	5 U
1,1,2,2-Tetrachloroethane	5	5 U
Toluene	5	5 U
Chlorobenzene	5	5 U
Ethylbenzene	5	5 U
Xylenes (total)	5	5 U
1,2-Dichlorobenzene	10	10 U
1,3-Dichlorobenzene	10	10 U
1,4-Dichlorobenzene	10	10 U

Client Number: 050010663
Project ID: Not Applicable
Work Order Number: N1-04-396

METHOD BLANK SUMMARY
TENTATIVELY IDENTIFIED COMPOUNDS

Purgeable Organics in Water
Modified EPA Method 624^a

GTEL File ID			BLF857
Date Analyzed			04/17/91
CAS Number	Compound	SCAN	Estimated Concentration, ug/L ^c
1. --	--	--	--

Client Number: 050010663
Project ID: Not Applicable
Work Order Number: N1-04-396

METHOD BLANK SUMMARY

Purgeable Organics in Water
Modified EPA Method 824^a

- a Federal Register, Vol. 49, October 26, 1984. Method modified to include additional compounds. Sample preparation by purge and trap.
- b Practical quantitation limit. Practical quantitation limits found in EPA Method 8240, Table 2, Test Methods for Evaluating Solid Waste, SW-846, Third Edition, Revision 0, US EPA November 1986.
- c Data Flag Definitions
 - U Indicates compound was analyzed for but not detected.
 - J Indicates an estimated value. This flag is used when the mass spectral data indicates the presence of a compound that meets the identification criteria but the result is less than the quantitation limit, but greater than zero, or when reporting an estimated concentration for a tentatively identified compound.
- d Total 1,2-dichloroethene is the sum of the cis- and trans- isomers.



Meadowbrook Industrial Park
Vero Beach, New Hampshire 03055
(603) 572-4835 / FAX: (603) 573-6105

Client: Chubb Corp. Phone #: 704/243-1046
Site: 2111 Western Way #16 Site Location: 24-110-004
City: Jacksonville, FL 32256 State: FL
Project Name: San/S.R. 16 + I-95
Sample Name (Print): Thomas L. Bero
GTEL # 0663
Notes: First time proper field sampling
techniques were used during the
collection of these samples.

Field Sample ID	Source of Sample	GTEL Lab # (Lab use only)	# CONTAINERS	Matrix						Method Preserved				Sampling	
				WATER	SOIL	AIR	SLUDGE	OTHER (Specify)	HCl	HNO ₃	H ₂ SO ₄	ICE	NONE	OTHER (Specify)	DATE
101			5	5						5			4/12	11:02	
101		D1A-B-7	7							2			4/12	11:30	
1A1c		D2A-D-6	6	6						6			4/12	12:45	
							</								

SPECIAL HANDLING: NO
SPECIAL DETECTION LIMITS (Specify):
SPECIAL REPORTING REQUIREMENTS (Specify):
PER: (1) BUSINESS DAYS QUOTE # 0002121
CCL: CLP Blue CONTRACT # 6878-S FAX ✓

CHAIN-OF-CUSTODY RECORD AND ANALYSIS REQUEST

No. 34763

ANALYSIS REQUEST										OTHER	
☒ GAs, Hydrocarbons by 602 ☒ 8020 ☒ with MTS 2 ☒											
☒ BTEX only by 602 ☒ 8020 ☒ with MTS 2 ☒											
☐ EDB by 504 ☐											
☐ Oil and Grease 413.1 ☐ 413.2 ☐ 503.0 ☐ 503.1 ☐ by GC ☐											
☐ TPH 418.1 ☒ 503.0 ☐ E ☐ by GC ☐											
☐ EPA 500.1 ☐ 502.2 ☐											
☐ EPA 601 ☐ 8010 ☒ DCA only ☐											
☐ EPA 602 ☐ 8020 ☐											
☐ EPA 608 ☐ 8080 ☐ PCB only ☐											
☒ EPA 824 ☒ 8240 ☐ NBS(+15) ☒											
☐ EPA DNA 625 ☐ 8270 ☐ NBS(+25) ☐											
☐ EPA 625 BN only ☐ 8270 BN only ☐ NBS(+15) ☐											
☐ EPA 825 AE only ☐ 8270 AE only ☐ NBS(+15) ☐											
☐ EPA 810 ☒ 8310 ☐											
☐ EPTOX-Metals ☐ Pesticides ☐ Herbicides ☐											
☐ TCLP Metals ☐ VOA ☐ Semi VOA ☐											
☐ EPA Metals-Priority Pollutant ☐ HSL ☐ ACPA ☐											
☐ LEAD 209 ☐ 2007 ☐ 1420 ☐ 6010 ☐											
☐ Composting ☐ Flash Point ☐ Reactivity ☐											
☐ Product ID by GC (Sinds) ☐											
☐ Lead/Arsenic											
☐ Cadmium/Chromium											
☐ Tox											

REMARKS: 2.1

LAB USE ONLY
Lot # 6878-S
Storage Location
Work Order # 6878-S

Received by: <u>Thomas L. Bero</u> Date: <u>12 Apr 1991</u> Time: <u>16:55</u>	Received by: <u>Thomas L. Bero</u> Date: <u>12 Apr 1991</u> Time: <u>16:55</u>	Received by: <u>Thomas L. Bero</u> Date: <u>12 Apr 1991</u> Time: <u>16:55</u>

CUSTODY RECORD

Received by Laboratory: Thomas L. Bero
Date: 12 Apr 1991
Time: 16:55



Northeast Region
Meadowbrook Industrial Park
Milford, NH 03055
(603) 672-4833
(603) 673-8103 (FAX)

Client Number: 050010663
Project ID: Not Applicable
Work Order Number: N1-04-395

April 26, 1991

William Chadeayne
Groundwater Technology, Inc.
8933 Western Way #16
Jacksonville, FL 32256

Dear Mr. Chadeayne:

Enclosed please find the analytical results for the samples received by GTEL Environmental Laboratories, Inc. on 04/15/91 under chain-of-custody record 34763.

A formal Quality Assurance / Quality Control (QA/QC) program is maintained by GTEL, which is designed to meet or exceed the EPA requirements. Analytical work for this project met QA/QC criteria unless otherwise stated in the footnotes.

GTEL is certified (approved) by the State of Florida under certificate number E87103.

If you have any questions regarding this analysis, or if we can be of further assistance, please call our Customer Service Representative.

Sincerely,

GTEL Environmental Laboratories, Inc.

A handwritten signature in cursive script, appearing to read 'Mark A. Netsch', is written over the printed name.

Mark A. Netsch
Acting Extractable Organics Manager

Client Number: 050010663
 Project ID: Not Applicable
 Work Order Number: N1-04-395

ANALYTICAL RESULTS

Polynuclear Aromatic Hydrocarbons in Water
 EPA Method 610^a

GTEL Sample Number		04395-01	--	--	--
Client Identification		FUEL OIL PIT	--	--	--
Date Sampled		04/12/91	--	--	--
Date Extracted		04/16/91	--	--	--
Date Analyzed		04/18/91	--	--	--
Analyte	Detection Limit, ug/L	Concentration, ug/L			
Naphthalene	1.8	< 1.8	--	--	--
Acenaphthylene	2.3	< 2.3	--	--	--
1-Methylnaphthalene	1.8	8.2	--	--	--
2-Methylnaphthalene	1.8	13	--	--	--
Acenaphthene	1.8	< 1.8	--	--	--
Fluorene	0.21	1.9	--	--	--
Phenanthrene	0.64	12	--	--	--
Anthracene	0.66	< 0.66	--	--	--
Fluoranthene	0.21	0.58	--	--	--
Pyrene	0.27	6.4	--	--	--
Benzo[a]anthracene	0.013	0.019	--	--	--
Chrysene	0.15	0.51	--	--	--
Benzo[b]fluoranthene	0.018	< 0.018	--	--	--
Benzo[k]fluoranthene	0.017	< 0.017	--	--	--
Benzo[a]pyrene	0.023	< 0.023	--	--	--
Dibenzo[a,h]anthracene	0.030	< 0.030	--	--	--
Benzo[g,h,i]perylene	0.076	< 0.076	--	--	--
Indeno[1,2,3-cd]pyrene	0.043	< 0.043	--	--	--
Detection Limit Multiplier ^b		1.00	--	--	--

- a Federal Register, Vol. 49, October 26, 1984. Sample preparation by liquid/liquid extraction.
 b The detection limit multiplier indicates the adjustments made to the data and detection limits for sample dilutions.

Client Number: 050010663
 Project ID: Not Applicable
 Work Order Number: N1-04-395

CAS NUMBERS AND DETECTION LIMITS

Base/Neutrals and Acids in Water
 Modified EPA Method 625

Analyte	CAS #	Method Detection Limit (MDL) ug/L
N-Nitroso dimethylamine	62-75-9	10
Phenol	108-95-2	1.5
bis(2-Chloroethyl) Ether	11-44-4	5.7
2-Chlorophenol	95-57-8	3.3
1,3-Dichlorobenzene	541-73-1	1.9
1,4-Dichlorobenzene	106-46-7	4.4
1,2-Dichlorobenzene	95-50-1	1.9
bis(2-Chloroisopropyl) Ether	39638-32-9	5.7
N-Nitroso di-n-propylamine	621-64-7	5.0
Hexachloroethane	67-72-1	1.6
Nitrobenzene	98-95-3	1.9
Isophorone	78-59-1	2.2
2-Nitrophenol	88-75-5	3.6
2,4-Dimethylphenol	105-67-9	2.7
bis(2-Chloroethoxy)methane	111-91-1	5.3
2,4-Dichlorophenol	120-83-2	2.7
1,2,4-Trichlorobenzene	120-82-1	5.0
Naphthalene	91-20-3	1.6
Hexachlorobutadiene	87-68-3	0.9
4-Chloro-3-methylphenol	59-50-7	3.0
2-Methylnaphthalene	91-57-6	5.0

Client Number: 050010663
Project ID: Not Applicable
Work Order Number: N1-04-395

CAS NUMBERS AND DETECTION LIMITS

Base/Neutrals and Acids in Water
Modified EPA Method 625

Analyte	CAS #	Method Detection Limit (MDL) ug/L
Hexachlorocyclopentadiene	77-47-4	5.0
2,4,6-Trichlorophenol	88-06-2	2.7
2-Chloronaphthalene	91-58-7	1.9
Dimethylphthalate	131-11-3	1.6
Acenaphthylene	208-96-8	3.5
2,6-Dinitrotoluene	606-20-2	5.0
Acenaphthene	83-32-9	1.9
2,4-Dinitrophenol	51-28-5	42
4-Nitrophenol	100-02-7	25
2,4-Dinitrotoluene	121-14-2	5.7
Diethylphthalate	84-66-2	1.9
4-Chlorophenyl Phenyl Ether	7005-72-3	4.2
Fluorene	86-73-7	1.9
4,6-Dinitro 2-methylphenol	534-52-1	5.0
N Nitrosodiphenylamine	86-30-6	1.9
4-Bromophenyl Phenyl Ether	101-55-3	1.9
Hexachlorobenzene	118-74-1	1.9
Pentachlorophenol	87-86-5	3.6
Phenanthrene	85-01-8	5.4
Anthracene	120-12-7	1.9
Di-n-butylphthalate	84-74-2	2.5

Client Number: 050010663
Project ID: Not Applicable
Work Order Number: N1-04-395

CAS NUMBERS AND DETECTION LIMITS

Base/Neutrals and Acids in Water
Modified EPA Method 625

Analyte	CAS #	Method Detection Limit (MDL) ug/L
Fluoranthene	206-44-0	2.2
Benzidine	92-87-5	44
Pyrene	129-00-0	1.9
Butylbenzylphthalate	85-68-7	2.5
3,3'-Dichlorobenzidine	91-94-1	17
Benz[a]anthracene	56-55-3	7.8
Chrysene	218-01-9	2.5
bis(2-Ethylhexyl)phthalate	117-81-7	2.5
Di-n-octylphthalate	117-84-0	2.5
Benzo[b]fluoranthene	205-99-2	4.8
Benzo[k]fluoranthene	207-08-9	2.5
Benzo[a]pyrene	50-32-8	2.5
Indeno[1,2,3-c,d]pyrene	193-39-5	3.7
Dibenz[a,h]anthracene	53-70-3	2.5
Benzo[g,h,i]perylene	191-24-2	4.1

Client Number: 050010663
 Project ID: Not Applicable
 Work Order Number: N1-04-395

ANALYTICAL RESULTS

Base/Neutrals and Acids in Water
 Modified EPA Method 625a

GTEL Sample Number		04395-02	--	--	--
Client Identification		USED OIL PIT	--	--	--
Date Sampled		04/12/91	--	--	--
Date Extracted		04/17/91	--	--	--
Date Analyzed		04/20/91	--	--	--
Analyte	PQL ug/L ^b	Concentration, ug/L ^c			
N-Nitroso-dimethylamine	10	10 U	--	--	--
Phenol	10	10 U	--	--	--
bis(2-Chloroethyl) Ether	10	10 U	--	--	--
2-Chlorophenol	10	10 U	--	--	--
1,3-Dichlorobenzene	10	10 U	--	--	--
1,4-Dichlorobenzene	10	10 U	--	--	--
1,2-Dichlorobenzene	10	10 U	--	--	--
bis(2-Chloroisopropyl) Ether	10	10 U	--	--	--
N-Nitroso-di-n-propylamine	10	10 U	--	--	--
Hexachloroethane	10	10 U	--	--	--
Nitrobenzene	10	10 U	--	--	--
Isophorone	10	10 U	--	--	--
2-Nitrophenol	10	10 U	--	--	--
2,4-Dimethylphenol	10	10 U	--	--	--
bis(2-Chloroethoxy)methane	10	10 U	--	--	--
2,4-Dichlorophenol	10	10 U	--	--	--
1,2,4-Trichlorobenzene	10	10 U	--	--	--
Naphthalene	10	10 U	--	--	--
Hexachlorobutadiene	10	10 U	--	--	--
4-Chloro-3-methylphenol	20	20 U	--	--	--
2-Methylnaphthalene	10	10 U	--	--	--
Practical Quantitation Limit Multiplier ^d		1	--	--	--

Client Number: 050010663
 Project ID: Not Applicable
 Work Order Number: N1-04-395

ANALYTICAL RESULTS

Base/Neutrals and Acids in Water
 Modified EPA Method 625^a

GTEL Sample Number		04395-02	--	--	--
Client Identification		USED OIL PIT	--	--	--
Date Sampled		04/12/91	--	--	--
Date Extracted		04/17/91	--	--	--
Date Analyzed		04/20/91	--	--	--
Analyte	PQL ug/L ^b	Concentration, ug/L ^c			
Hexachlorocyclopentadiene	10	10 U	--	--	--
2,4,6-Trichlorophenol	10	10 U	--	--	--
2-Chloronaphthalene	10	10 U	--	--	--
Dimethylphthalate	10	10 U	--	--	--
Acenaphthylene	10	10 U	--	--	--
2,6-Dinitrotoluene	10	10 U	--	--	--
Acenaphthene	10	10 U	--	--	--
2,4-Dinitrophenol	50	50 U	--	--	--
4-Nitrophenol	50	50 U	--	--	--
2,4-Dinitrotoluene	10	10 U	--	--	--
Diethylphthalate	10	10 U	--	--	--
4-Chlorophenyl Phenyl Ether	10	10 U	--	--	--
Fluorene	10	10 U	--	--	--
4,6-Dinitro-2-methylphenol	50	50 U	--	--	--
N-Nitrosodiphenylamine ^e	10	10 U	--	--	--
4-Bromophenyl Phenyl Ether	10	10 U	--	--	--
Hexachlorobenzene	10	10 U	--	--	--
Pentachlorophenol	50	50 U	--	--	--
Phenanthrene	10	10 U	--	--	--
Anthracene	10	10 U	--	--	--
Di-n-butylphthalate	10	10 U	--	--	--
Practical Quantitation Limit Multiplier ^d		1	--	--	--

Client Number: 050010663
 Project ID: Not Applicable
 Work Order Number: N1-04-395

ANALYTICAL RESULTS

Base/Neutrals and Acids in Water
 Modified EPA Method 625a

GTEL Sample Number		04395-02	--	--	--
Client Identification		USED OIL PIT	--	--	--
Date Sampled		04/12/91	--	--	--
Date Extracted		04/17/91	--	--	--
Date Analyzed		04/20/91	--	--	--
Analyte	PQL ug/L ^b	Concentration, ug/L ^c			
Fluoranthene	10	10 U	--	--	--
Benidine	50	50 U	--	--	--
Pyrene	10	10 U	--	--	--
Butylbenzylphthalate	10	10 U	--	--	--
3,3'-Dichlorobenzidine	20	20 U	--	--	--
Benz[a]anthracene	10	10 U	--	--	--
Chrysene	10	10 U	--	--	--
bis(2-Ethylhexyl)phthalate	10	10 U	--	--	--
Di-n-octylphthalate	10	10 U	--	--	--
Benzo[b]fluoranthene	10	10 U	--	--	--
Benzo[k]fluoranthene	10	10 U	--	--	--
Benzo[a]pyrene	10	10 U	--	--	--
Indeno[1,2,3-c,d]pyrene	10	10 U	--	--	--
Dibenz[a,h]anthracene	10	10 U	--	--	--
Benzo[g,h,i]perylene	10	10 U	--	--	--
Practical Quantitation Limit Multiplier ^d		1	--	--	--

Client Number: 050010663
Project ID: Not Applicable
Work Order Number: N1-04-395

ANALYTICAL RESULTS
TENTATIVELY IDENTIFIED COMPOUNDS

Modified EPA Method 625^a

GTEL Sample Number			04395-02
Client Identification			USED OIL PIT
Date Sampled			04/12/91
Date Extracted			04/17/91
Date Analyzed			04/20/91
CAS Number	Compound	SCAN	Estimated Concentration, ug/l. ^c
1. ..	Unknown Hydrocarbon	870	27 J
2. ..	Unknown Hydrocarbon	982	13 J
Practical Quantitation Limit Multiplier ^d			1.00

Client Number: 050010663
Project ID: Not Applicable
Work Order Number: N1-04-395

ANALYTICAL RESULTS

Base/Neutrals and Acids in Water Modified EPA Method 625^a

- a Federal Register, Volume 49, October 26, 1984. Method modified to include additional compounds. Sample preparation by liquid/liquid extraction.
- b Practical quantitation limit. Practical quantitation limits found in EPA Method 8270, Table 2, Test Methods for Evaluating Solid Waste, SW-846, Third Edition, Revision 0, US EPA November 1986.
- c Data Flag Definitions
 - U Indicates compound was analyzed for but not detected.
 - J Indicates an estimated value. This flag is used when the mass spectral data indicates the presence of a compound that meets the identification criteria but the result is less than the quantitation limit, but greater than zero, or when reporting an estimated concentration for a tentatively identified compound.
 - B Indicates that the analyte was found in the blank as well as a sample. It indicates possible/probable blank contamination and warns the data user to take appropriate action.
- d The practical quantitation limit multiplier indicates the adjustments made to the data and PQLs for sample dilutions.
- e Cannot be separated from diphenylamine.

Client Number: 050010663
 Project ID: Not Applicable
 Work Order Number: N1-04-395

METHOD BLANK SUMMARY

Base/Neutrals and Acids in Water
 Modified EPA Method 625^a

GTEL File ID		BW0417	
Date Extracted		04/17/91	
Date Analyzed		04/19/91	
Analyte	PQL, ug/L ^b	Concentration, ug/L ^c	
N-Nitroso-dimethylamine	10	10	U
Phenol	10	10	U
bis(2-Chloroethyl) Ether	10	10	U
2-Chlorophenol	10	10	U
1,3-Dichlorobenzene	10	10	U
1,4-Dichlorobenzene	10	10	U
1,2-Dichlorobenzene	10	10	U
bis(2-Chloroisopropyl) Ether	10	10	U
N-Nitroso-di-n-propylamine	10	10	U
Hexachloroethane	10	10	U
Nitrobenzene	10	10	U
Isophorone	10	10	U
2-Nitrophenol	10	10	U
2,4-Dimethylphenol	10	10	U
bis(2-Chloroethoxy)methane	10	10	U
2,4-Dichlorophenol	10	10	U
1,2,4-Trichlorobenzene	10	10	U
Naphthalene	10	10	U
Hexachlorobutadiene	10	10	U
4-Chloro-3-methylphenol	20	20	U
2-Methylnaphthalene	10	10	U

Client Number: 050010663
 Project ID: Not Applicable
 Work Order Number: N1-04-395

METHOD BLANK SUMMARY

Base/Neutrals and Acids in Water
 Modified EPA Method 625^a

GTEL File ID		BW0417	
Date Extracted		04/17/91	
Date Analyzed		04/19/91	
Analyte	PQL, ug/L ^b	Concentration, ug/L ^c	
Hexachlorocyclopentadiene	10	10	U
2,4,6-Trichlorophenol	10	10	U
2-Chloronaphthalene	10	10	U
Dimethylphthalate	10	10	U
Acenaphthylene	10	10	U
2,6-Dinitrotoluene	10	10	U
Acenaphthene	10	10	U
2,4-Dinitrophenol	50	50	U
4-Nitrophenol	50	50	U
2,4-Dinitrotoluene	10	10	U
Diethylphthalate	10	10	U
4-Chlorophenyl Phenyl Ether	10	10	U
Fluorene	10	10	U
4,6-Dinitro-2-methylphenol	50	50	U
N-Nitrosodiphenylamine ^d	10	10	U
4-Bromophenyl Phenyl Ether	10	10	U
Hexachlorobenzene	10	10	U
Pentachlorophenol	50	50	U
Phenanthrene	10	10	U
Anthracene	10	10	U
Di-n-butylphthalate	10	10	U

Client Number: 050010663
Project ID: Not Applicable
Work Order Number: N1-04-395

METHOD BLANK SUMMARY

Base/Neutrals and Acids in Water
Modified EPA Method 625^a

GTEL File ID		BW0417	
Date Extracted		04/17/91	
Date Analyzed		04/19/91	
Analyte	PQL, ug/L ^b	Concentration, ug/L ^c	
Fluoranthene	10	10	U
Benzidine	50	50	U
Pyrene	10	10	U
Butylbenzylphthalate	10	10	U
3,3'-Dichlorobenzidine	20	20	U
Benz[a]anthracene	10	10	U
Chrysene	10	10	U
bis(2-Ethylhexyl)phthalate	10	10	U
Di-n-octylphthalate	10	10	U
Benzo[b]fluoranthene	10	10	U
Benzo[k]fluoranthene	10	10	U
Benzo[a]pyrene	10	10	U
Indeno[1,2,3-c,d]pyrene	10	10	U
Dibenz[a,h]anthracene	10	10	U
Benzo[g,h,i]perylene	10	10	U

Client Number: 050010663
Project ID: Not Applicable
Work Order Number: N1-04-395

METHOD BLANK SUMMARY
TENTATIVELY IDENTIFIED COMPOUNDS

Base/Neutrals and Acids in Water
Modified EPA Method 625^a

GTEL File ID			BW0417	
Date Extracted			04/17/91	
Date Analyzed			04/19/91	
CAS Number	Compound	SCAN	Estimated Concentration, ug/L ^c	
1. --	Unknown Hydrocarbon	870	54	J
2. --	Unknown Hydrocarbon	982	28	J
3. --	Unknown Hydrocarbon	3175	6.6	J
4. --	Unknown Hydrocarbon	3339	4.6	J
5. --	Unknown Hydrocarbon	3354	6.0	J
6. --	Unknown Hydrocarbon	3393	47	J
7. --	Unknown Hydrocarbon	3406	210	J
8. --	Unknown Hydrocarbon	3424	440	J
9. --	Unknown Hydrocarbon	3438	91	J
10. --	Unknown Hydrocarbon	3452	49	J
11. --	Unknown Hydrocarbon	3465	330	J
12. --	Unknown Hydrocarbon	3480	320	J
13. --	Unknown Hydrocarbon	3496	42	J

Client Number: 050010663
Project ID: Not Applicable
Work Order Number: N1-04-395

METHOD BLANK SUMMARY

Base/Neutrals and Acids in Water Modified EPA Method 625^a

- a Federal Register, Volume 49, October 26, 1984. Method modified to include additional compounds. Sample preparation by liquid/liquid extraction.
- b Practical quantitation limit. Practical quantitation limits found in EPA Method 8270, Table 2, Test Methods for Evaluating Solid Waste, SW-846, Third Edition, Revision 0, US EPA November 1986.
- c Data Flag Definitions
 - U Indicates compound was analyzed for but not detected.
 - J Indicates an estimated value. This flag is used when the mass spectral data indicates the presence of a compound that meets the identification criteria but the result is less than the quantitation limit, but greater than zero, or when reporting an estimated concentration for a tentatively identified compound.
- d Cannot be separated from diphenylamine.

ATTACHMENT 3
Professional Geologist's Seal Page



**GROUNDWATER
TECHNOLOGY, INC.**



**GROUNDWATER
TECHNOLOGY, INC.**

8933 Western Way Circle, Suite 16, Jacksonville, FL 32256

(904) 363-1040 FAX # (904) 363-1045

CERTIFICATION

PROFESSIONAL GEOLOGIST LICENSED IN THE STATE OF FLORIDA

This is to certify that the contents of the Addendum to Contamination Assessment Report/Closure Assessment Report, Texaco Retail Facility, 2500 S.R. 16, St. Augustine, Florida.... have been examined by me.



William F. Chadeayne, P. G.
State of Florida License #378
Groundwater Technology, Inc.
8933 Western Way, Suite 16
Jacksonville, FL 32256
(904) 363-1040

DATE: 19 June 1991

SINES, GIRVIN & BLAKESLEE

Certified Public Accountants, P.A.

P.O. Box 771047
800 South Dillard St.
Winter Garden, FL 34777-1047
Telephone (407) 656-6611

Star Enterprises
Post Office Box 5140
Maitland, FL 32794-5140

Invoice No. 12227

June 21, 1991

Re: Texaco # 110-0004
2500 US 16
St. Augustine, FL
DER FAC I.D. 558515920
Initial Remedial Action, Contamination
Assessment and Remedial Action Plan

For Professional Services Rendered in Connection
with Examination of Department of Environmental
Regulation Reimbursement Application for Above
Referenced Facility and Program Task.

\$975.00

VENDOR NUMBER 721270007

This invoice is for professional services rendered and is payable on presentation



July 13, 2023

Sent via email to addressee at jbernard@northstar.com

Ms. Jaena Bernard
Staff Scientist
Northstar Contracting Group, Inc.
Petroleum Restoration Program
325 John Know Road, Suite 100
Tallahassee, FL 32303

**Re: Interim Assessment Report
Texaco #24-110-0004-Mickler**
2500 Highway 16
St. Augustine, St. Johns County, Florida
FDEP Facility ID No.: 55/8515920
Discharge Date(s): July 1, 1987 (EDI) and March 26, 1991 (ATRP)
Priority Score: 10
FDEP Purchase Order No. C13131

Dear Ms. Bernard:

Ecotech Environmental Services, Inc. (Ecotech) is pleased to submit this Interim Assessment Report for the above referenced site. Work was conducted under Task 2 of Florida Department of Environmental Protection (FDEP) Petroleum Restoration Program (PRP) Purchase Order No. C13131.

Site Description and History

The Texaco #24-110-0004-Mickler site is located at 2500 Highway 16, St. Augustine, St. Johns County, Florida which falls within Section 6, Township 7 South, Range 29 East. The property is currently owned by the David Michael & Kristine Marie McCormack Revocable Living Trust, Queen Creek, Arizona and currently operates as a Grease Monkey automotive service and repair shop. A site map is provided as **Figure 1**.

A Texaco retail facility previously operated on the site, and it is reported that there has been a total of seven underground storage tanks (USTs) at this facility. This included three USTs for storage of unleaded gasoline and one UST for storage of vehicular diesel installed in May 1984 and removed in December 2002. Sizes ranged from 8,000 to 12,000 gallons. Two 550-gallon waste oil USTs and one 1,000-gallon vehicular diesel UST are reported to have been removed in April 1991. Installation date of one of 550-gallon waste oil USTs is reported as July 1984 while the other 550-gallon waste oil UST and 1,000-gallon vehicular diesel UST have unknown installation dates.

The Remedial Action Plan (RAP) dated January 31, 1989, and prepared by Groundwater Technology, Inc. reports the following information pertinent to the initial discharge and subsequent response:

- In February 1981, a premium leaded gasoline delivery line was ruptured as a result of an impact between a customer's automobile and dispenser island located on the north service island. The total estimated release was 2,000 gallons of which 550 gallons were recovered. The incident was reported to the Florida Department of Environmental Regulation (now FDEP) and the cleanup that was conducted was satisfactory under the guidelines at that time. This discharge, assigned a discharge date of July 1, 1987, was determined to be eligible for state-funded rehabilitation under the Early Detection Incentive (EDI) Program in a letter dated December 13, 1988.
- In July 1987, prior to initiation of Florida Administrative Code (FAC) Chapter 17-70 guidelines, an environmental assessment was initiated by Texaco Refining and Marketing Inc. The results of the assessment indicated the presence of free product, adsorbed phase hydrocarbons, and dissolved phase hydrocarbons within the soil matrix at the site.

A RAP (January 1989), along with supplemental information provided through July 11, 1990, was approved in a letter dated October 17, 1990. The approved pump and treat system began operation in September 1991. The approved soil vapor extraction (SVE) system was activated in April 1992. A RAP Modification (RAPM) was approved in September 1993 authorizing the addition of air sparge (AS) and the combined AS/SVE system was activated in June 1994. This system iteration operated until November 1997. Another RAPM was submitted and approved in February 1999 authorizing an AS/SVE system with additional AS wells, which was activated in November 2000. This system iteration operated until March 2005 with a pause in operation between January 2003 and December 2003 for Natural Attenuation Monitoring (NAM).

The second recorded discharge stems from the encountering of two abandoned USTs on the north side of the station building during installation of the remediation system in 1991. One UST was reported to be a 550-gallon used oil tank and the other UST was reported to be a 1,000-gallon fuel oil tank. Based on groundwater samples from the tank pit at concentrations exceeding State target levels for chromium and lead, the discharge was reported to the FDER (now FDEP). This discharge, assigned a discharge date of March 26, 1991, was determined to be eligible for state-funded rehabilitation under the Abandoned Tank Restoration Program (ATRP) in a letter dated September 6, 1991.

Site assessment work resumed in 2006 under Work Order No. 2006-93-W13388. A Pilot Test Plan (September 24, 2007) for AS/SVE, along with supplemental information provided through December 12, 2007, was approved in a letter dated February 1, 2008. However, the site fell out of funding range before the Work Order for implementation of the approved AS/SVE pilot test could be issued.

During the spending pause, a voluntary groundwater monitoring event was conducted in January 2014 and reported in a Voluntary Groundwater Monitoring Report dated May 8, 2014. The report documented that dissolved phase concentrations remained above Natural Attenuation Default Concentrations (NADCs) and/or Groundwater Cleanup Target Levels (GCTLs).

Despite a Priority Score of 10 and funding available for sites scored 30 and higher, PRP Purchase Order No. AEE3B0 was issued to Cameron-Cole, LLC for continuation of assessment in 2016. The supplemental assessment was conducted between August 2016 and January 2017 and culminated with submittal of a Template Site Assessment Report (TSAR) dated January 27, 2017. The TSAR, along with supplemental information provided through February 23, 2017, was approved in a letter dated March 2, 2017. The March 2, 2017 approval letter concurred with the recommendation that a remedial strategy other than AS/SVE should be considered once the site reaches funding range.

Ecotech received and accepted the Scope of Work to conduct Site Assessment (SA) at this site on January 25, 2023. A Request for Change (RFC) to add well gauging units during the site reconnaissance/field measurement visit (SR/FMV) was approved on February 23, 2023. The Task 1 deliverable was submitted on April 13, 2023 and approved in a Deliverable Approval email dated April 18, 2023.

This report documents activities completed under Task 2 of PRP Purchase Order No. C13131 between May 25, and June 9, 2023.

Field Work Summary

Field activities were completed by Ecotech between May and June 2023 in accordance with FDEP Standard Operating Procedures (SOPs) and industry accepted practices. Groundwater sampling tasks were conducted in accordance with the DEP-SOP-001/01 FS 2200 Groundwater Sampling procedures. The collected laboratory samples were placed on ice within a sealed cooler and submitted to Advanced Environmental Laboratories, Inc (AEL) for laboratory analysis. Copies of the field notes, well redevelopment logs, groundwater sampling logs, calibration logs, and photographs are included in **Appendix A**. The laboratory analytical reports with chain of custody are provided in **Appendix B**.

Well Redevelopments

Ecotech mobilized to the site on May 25, 2023, to complete redevelopment of monitoring wells DW-4, MW-7R, MW-8, and MW-10. The redevelopment was funded/authorized via RFC #2 and conducted in response to total depths measured during the March 2023 SR/FMV being significantly shallower than the documented total depths of DW-4, MW-7R, MW-8, and MW-10. Each of the four wells were redeveloped with a centrifugal pump for at least 30 minutes until extracted groundwater was free of sediment. Copies of the field notes, well redevelopment logs, and photographs are included in **Appendix A**. Below is a table summarizing the well total depths ahead of and following the May 25, 2023 redevelopments.

Well	Total Depth (feet)			
	Documented	SR/FMV (3/30/23)	Before Red. (5/25/23)	After Red. (5/25/23)
DW-4	35	27.9	27.7	29.5
MW-7R	12	9.7	9.6	9.7
MW-8	21.4	19.6	19.5	20.7
MW-10	22	12.0	12.0	22.4

Monitoring Well Water Levels, Groundwater Sample Collection, and Analytical Results

Ecotech remobilized to the site on June 9, 2023, to collect groundwater samples from 11 monitoring wells for laboratory analysis of benzene, toluene, ethylbenzene, total xylenes, and methyl tert- butyl ether (BTEX/MTBE), polycyclic aromatic hydrocarbons (PAHs), total recoverable petroleum hydrocarbons (TRPH), and/or total lead. Prior to collection of the groundwater samples, depth-to-water measurements were collected in the 11 monitoring wells. Groundwater elevation data for the site is provided in **Table 1**. The water table within the shallow wells was encountered at an average of approximately 4.2 feet below well top of casings during the recent field event. A water-table elevation contour map developed based on water levels collected during the June 2023 sampling event is provided as **Figure 2**. The apparent shallow groundwater flow direction ranged from east-northeast to northwest in the northern portion of site and to the south in the southern portion. Apparent groundwater flow directions ranged between northeast and southeast in the water-table elevation contours provided in the 2017 TSAR. Ecotech recommends a

Professional Land Survey (PLS) is completed to obtain an accurate set of top of casing elevations for existing wells and new wells to be installed needed to delineate groundwater impacts.

Analytical results from the June 2023 groundwater sampling event indicate hydrocarbon impacts exceed NADCs and/or GCTLs across most of the site. Groundwater analytical results are summarized on **Table 2A** and **Table 2B** and illustrated on **Figure 3A** and **Figure 3B**. Copies of the field notes and logs from the June 2023 groundwater sampling event are included in **Appendix A**. The laboratory analytical report and chain of custody documentation are provided in **Appendix B**.

Soil Quality Data

In accordance with the PRP Standard Specification Details document, comprehensive soil tables and figures are provided for reference in **Appendix C**.

Conclusions

Ecotech provides the following conclusions pertaining to work completed under Task 2 of FDEP PRP Purchase Order No. C13131.

- Ecotech mobilized to the site on May 25, 2023, to complete redevelopment of monitoring wells DW-4, MW-7R, MW-8, and MW-10. The redevelopment was funded/authorized via RFC #2 and conducted in response to total depths measured during the March 2023 site reconnaissance/field measurement visit (SR/FMV) being significantly shallower than the documented total depths of DW-4, MW-7R, MW-8, and MW-10. Each of the four wells were redeveloped with a centrifugal pump for at least 30 minutes until extracted groundwater was free of sediment.
- Ecotech remobilized to the site on June 9, 2023, to collect groundwater samples from 1 monitoring wells for laboratory analysis of BTEX/MTBE, PAHs, TRPH, and/or total lead. Prior to collection of the groundwater samples, depth-to-water measurements were collected in the 11 monitoring wells. Analytical results from the June 2023 groundwater sampling event indicate hydrocarbon impacts exceed NADCs and/or GCTLs across most of the site, which is consistent with previous groundwater assessments.
- The water table within the shallow wells was encountered at approximately 4.2 feet below well top of casings during the recent field event. The apparent shallow groundwater flow direction ranged from east-northeast to northwest in the northern portion of site and to the south in the southern portion. Apparent groundwater flow directions ranged between northeast and southeast in the water-table elevation contours provided in the 2017 TSAR.

Recommendations

Ecotech recommends the following wells are installed and sampled to evaluate No Further Action (NFA) criteria and/or delineate dissolved phase impacts.

Location (Existing or New)	Purpose	Parameter(s)
MW-1R (New)	Delineation.	PAHs
MW-2R (New)	NFA and delineation.	BTEX/MTBE & Lead
MW-3R (New)	Delineation.	BTEX/MTBE
MW-3R (New)	NFA.	EDB & Total Lead
MW-6RR (New)	NFA and delineation.	BTEX/MTBE, EDB, & Total Lead
MW-20R (New)	NFA and delineation.	BTEX/MTBE
MW-24RR (New)	Delineation.	BTEX/MTBE & PAHs
MW-24RR (New)	NFA.	TRPH
MW-25R (Existing)	Delineation.	BTEX/MTBE & PAHs
MW-25R (Existing)	NFA.	TRPH
MW-30 (Existing)	Delineation.	PAHs
MW-31 (Existing)	Delineation.	PAHs
Well North of MW-5 (New)	Delineation.	PAHs
Well West of MW-5 (New)	Delineation.	PAHs
Well South of MW-5 (New)	Delineation.	PAHs

The following wells also fail to meet NFA criteria: RW-1, TEX-13, TEX-14, TEX-15, TEX-16, TEX-17, and TEX-18. However, due to their apparent proximity to other wells of 15 feet or less, Ecotech recommends MW-6RR is representative of TEX-13, MW-7R is representative of RW-1, TEX-14, TEX-15, and TEX-16, and MW-26 is representative of TEX-17 and TEX-18 to limit the number of new monitoring wells that are installed and sampled. A figure illustrating the locations of the said monitoring wells is provided in **Appendix D**.

Submittal of this Interim Assessment Report completes the activities associated with Task 2 of PRP Purchase Order No. C13131.

Please contact me with any questions or concerns at kdoyle@ecotechfla.com or at (954) 461-4405.

Sincerely,
Ecotech Environmental Services, Inc.



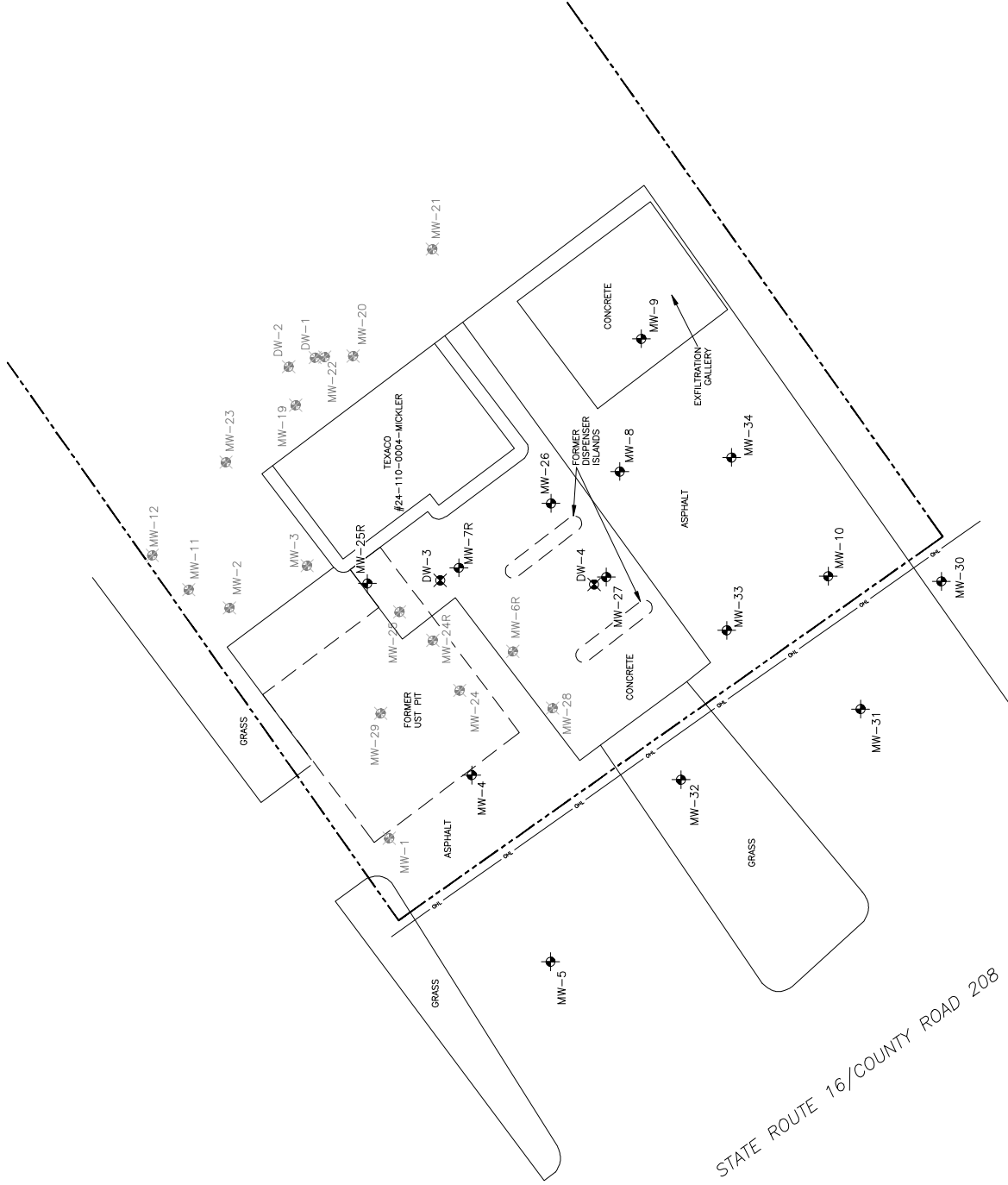
Kevin P. Doyle
Principal Engineer

FIGURES



LEGEND

- APPROXIMATE BOUNDARY LINE
- ABOVE GROUND ELECTRIC LINE
- ⊕ MONITORING WELL LOCATION
- ⊕ DEEP MONITORING WELL LOCATION
- ⊕ ABANDONED MONITORING WELL LOCATION



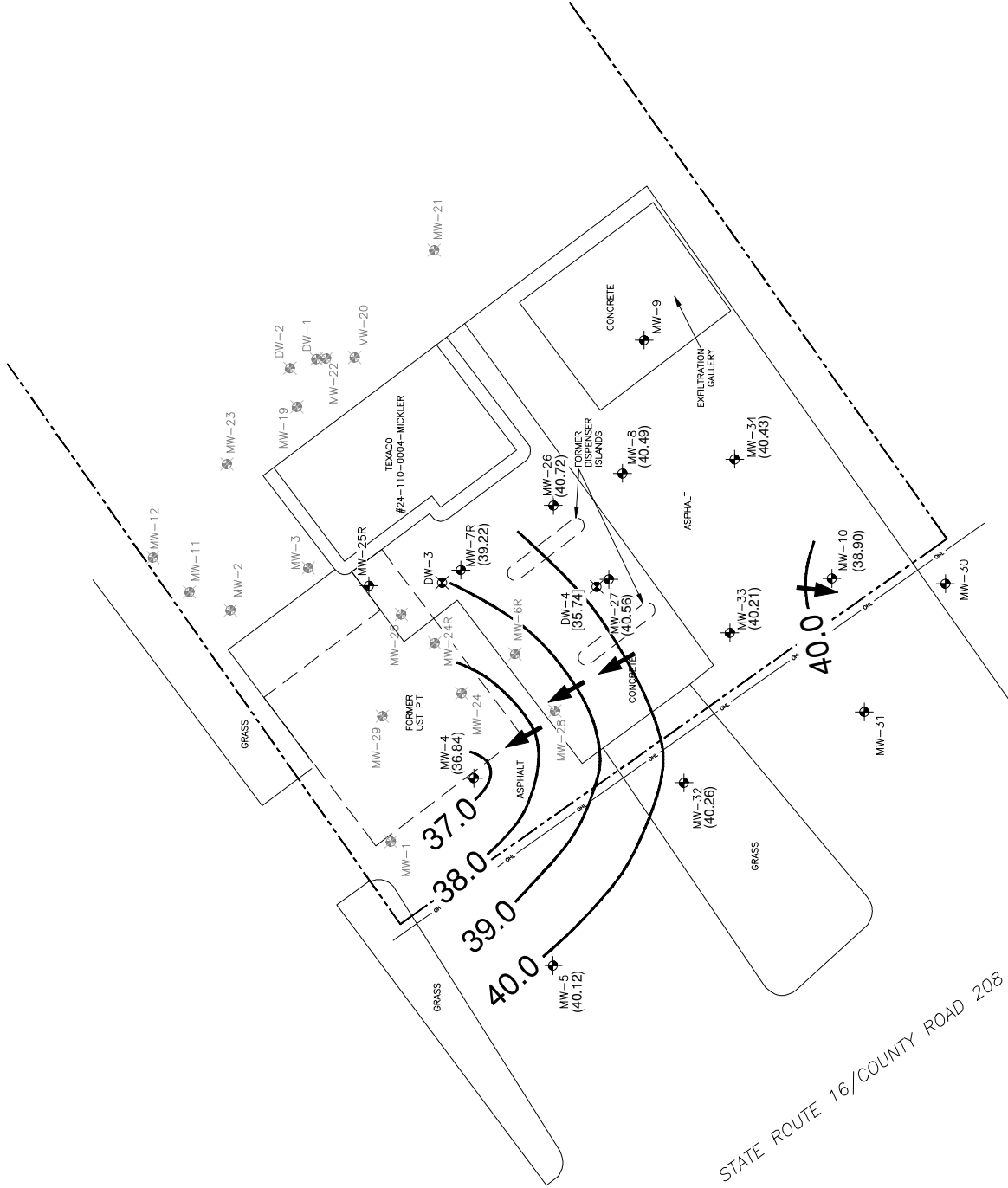
STATE ROUTE 16/COUNTY ROAD 208

DRAFTED BY: KMM	SITE PLAN		
CHECKED BY: KD	TEXACO #24-110-0004-MICKLER 2500 HIGHWAY 16 ST. AUGUSTINE, ST. JOHNS COUNTY, FLORIDA FDEP FAC. ID: 55/851920		
REVIEWED BY:	Ecotech Environmental Services, Inc.		
NORTH	SCALE IN FEET (APPROXIMATE)	DATE 07/12/2023	FIGURE 1



LEGEND

- APPROXIMATE BOUNDARY LINE
- - - ABOVE GROUND ELECTRIC LINE
- ⊕ MONITORING WELL LOCATION
- ⊗ DEEP MONITORING WELL LOCATION
- ⊗ ABANDONED MONITORING WELL LOCATION
- (##.##) GROUNDWATER ELEVATION (FT.)
- [##.##] DATUM NOT USED IN CONTOUR
- ### ## GROUNDWATER CONTOUR (FT.)
- DIRECTION OF GROUNDWATER FLOW



DRAFTED BY: KMM	WATER-TABLE ELEVATION CONTOUR MAP JUNE 9, 2023		
CHECKED BY: KD	TEXACO #24-110-0004-MICKLER 2500 HIGHWAY 16 ST. AUGUSTINE, ST. JOHNS COUNTY, FLORIDA		
REVIEWED BY:	FDEP FAC. ID: 55/851920		
NORTH	Ecotech Environmental Services, Inc.		
SCALE IN FEET (APPROXIMATE)	DATE 07/12/2023	FIGURE 2	



LEGEND

- APPROXIMATE BOUNDARY LINE
- ABOVE GROUND ELECTRIC LINE
- ⬮ MONITORING WELL LOCATION
- ⬮ DEEP MONITORING WELL LOCATION
- ⬮ ABANDONED MONITORING WELL LOCATION

WELL ID		SAMPLE DATE	
MW-#	M/D/Y	B	1
		BENZENE (ug/L)	
		TOLUENE (ug/L)	
		ETHYLBENZENE (ug/L)	
		TOTAL XYLENES (ug/L)	
		MTBE (ug/L)	
		TRPH (ug/L)	
		LEAD (ug/L)	

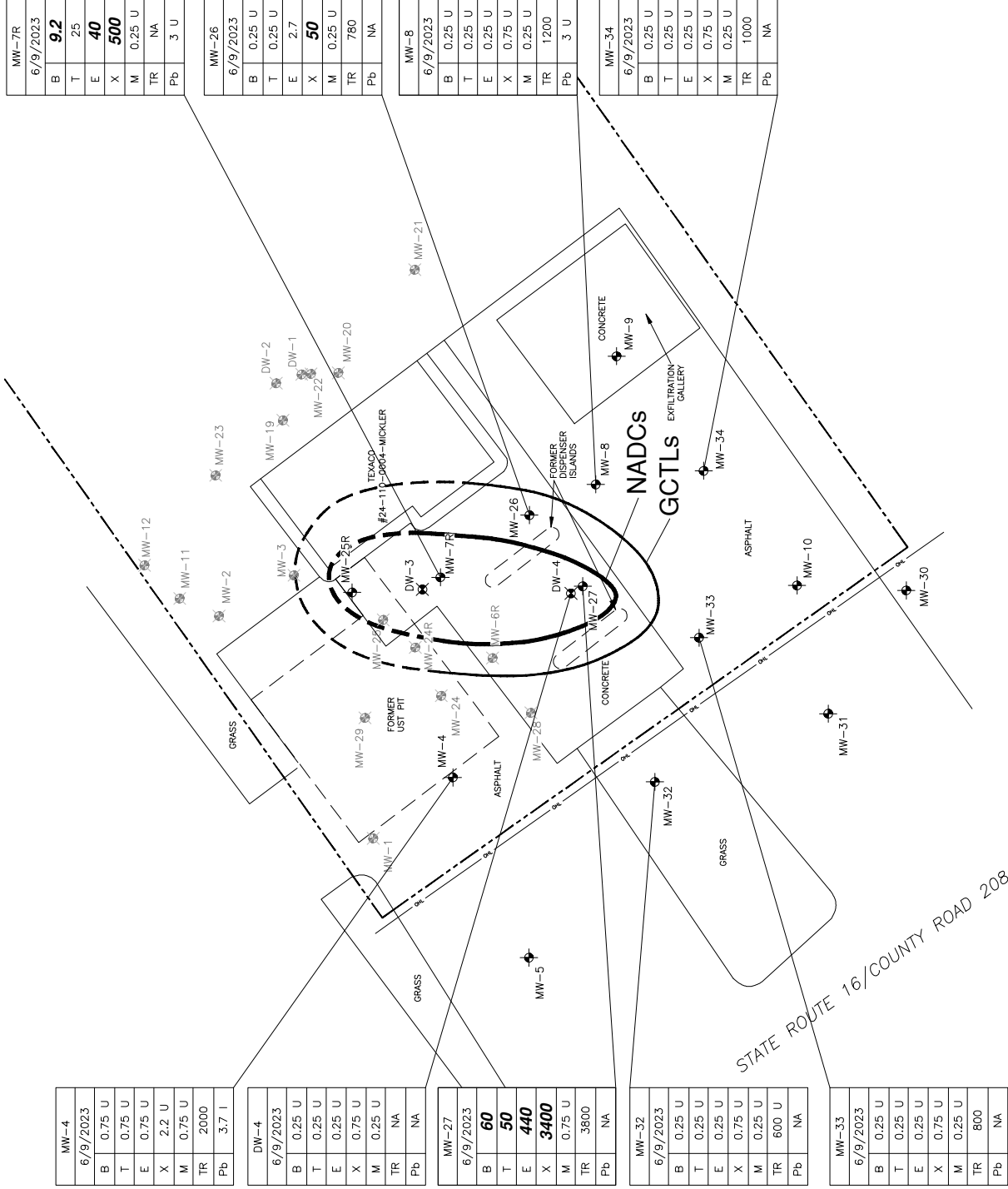
MTBE = METHYL TERT-BUTYL ETHER
TRPH = TOTAL RECOVERABLE PETROLEUM HYDROCARBON
ug/L = MICROGRAMS PER LITER
U = THE COMPOUND WAS NOT FOUND AFTER TESTING
I = THE VALUE IS BETWEEN LAB'S METHOD DETECTION LIMIT
AND LAB'S PRACTICAL QUANTITATIVE LIMIT
NA = NOT ANALYZED

NOTE:

SEE LABORATORY ANALYTICAL REPORT AND/OR TABLES FOR DEFINITION OF DATA QUALIFIERS.
--- GCTLs --- EXCEEDS GCTL (DASHED WHERE INFERRED)
--- NADCs --- EXCEEDS NADC (DASHED WHERE INFERRED)
GCTL = CHAPTER 62-777 F.A.C.
GROUNDWATER CLEANUP TARGET LEVEL
NADC = CHAPTER 62-777 F.A.C.
NATURAL ATTENUATION DEFAULT CONCENTRATION

DRAFTED BY:	KMM
CHECKED BY:	KD
REVIEWED BY:	
NORTH	

GROUNDWATER QUALITY MAP (BTX/MTBE & TRPH & LEAD) JUNE 9, 2023	
TEXACO #24-110-0004-MICKLER 2500 HIGHWAY 16 ST. AUGUSTINE, ST. JOHNS COUNTY, FLORIDA FDEP FAC. ID: 55/851920	
Ecotech Environmental Services, Inc.	
SCALE IN FEET (APPROXIMATE)	DATE 07/12/2023
FIGURE 3A	





LEGEND

- APPROXIMATE BOUNDARY LINE
- ABOVE GROUND ELECTRIC LINE
- ⬮ MONITORING WELL LOCATION
- ⬮ DEEP MONITORING WELL LOCATION
- ⬮ ABANDONED MONITORING WELL LOCATION

WELL ID	
MW-#	W/D/Y
N	14
1-M	28
2-M	28
B(G)P	0.2
B(G)A	0.05
B(b)F	0.05
IN	0.05

SAMPLE DATE
NAPHTHALENE (ug/L)
1-METHYLNAPHTHALENE (ug/L)
2-METHYLNAPHTHALENE (ug/L)
BENZO(G)PYRENE (ug/L)
BENZO(G)ANTHRACENE (ug/L)
BENZO(G)FLUORANTHENE (ug/L)
INDENO(1,2,3-c,d)PYRENE (ug/L)

ug/L = MICROGRAMS PER LITER
U = THE COMPOUND WAS NOT FOUND AFTER TESTING
1 = THE VALUE IS BETWEEN LAB'S METHOD DETECTION LIMIT
AND LAB'S PRACTICAL QUANTITATIVE LIMIT

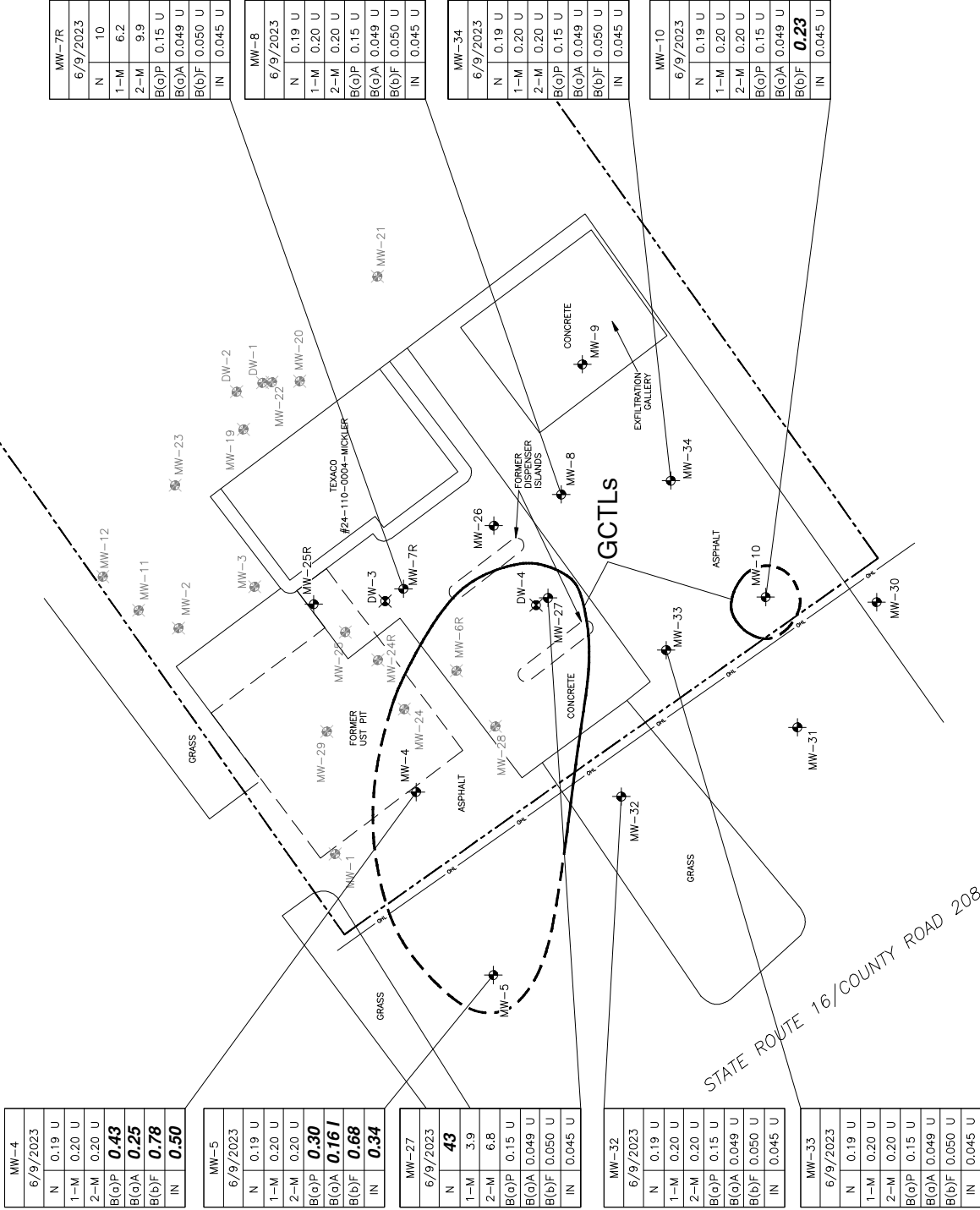
NOTE:

SEE LABORATORY ANALYTICAL REPORT AND/OR
TABLES FOR DEFINITION OF DATA QUALIFIERS.

--- GCTLs --- EXCEEDS GCTL (DASHED WHERE INFERRED)
GCTL = CHAPTER 62-777 F.A.C.
GROUNDWATER CLEANUP TARGET LEVEL

DRAFTED BY:	KMM
CHECKED BY:	KD
REVIEWED BY:	
NORTH	
SCALE IN FEET (APPROXIMATE)	0 30
DATE	07/12/2023
FIGURE	3B

GROUNDWATER QUALITY MAP (PAHs)	
JUNE 9, 2023	
TEXACO #24-110-0004-MICKLER	
2500 HIGHWAY 16	
ST. AUGUSTINE, ST. JOHNS COUNTY, FLORIDA	
FDEP FAC. ID: 55/851920	
Ecotech Environmental Services, Inc.	



TABLES

TABLE I: GROUNDWATER ELEVATION

Facility Name: Texaco #24-110-0004-Mickler

Facility ID No.: 558515920

WELL NO.	MW-1	MW-2	MW-3	MW-4	MW-5	MW-6
DIAMETER	4"	4"	4"	2"	4"	4"
WELL DEPTH	22.00	22.00	22.00	20.40	20.10	21.40
SCREEN INTERVAL	2.4-22	2.4-22	2.4-22	2.4-20.4	2.1-20.1	2.4-21.4
TOC ELEVATION	44.18	45.38	44.66	44.16	43.45	44.29

DATE	ELEV	DTW	FP	ELEV	DTW	FP	ELEV	DTW	FP	ELEV	DTW	FP	ELEV	DTW	FP	ELEV	DTW	FP
07/16/87	39.47	4.71	--	35.44	9.94	--	35.72	8.94	--	36.59	7.57	--	39.30	4.15	--	36.76	7.53	--
07/22/87	39.30	4.88	--	32.89	12.49	--	32.92	11.74	--	35.38	8.78	--	39.29	4.16	--	35.29	9.00	--
07/27/87	39.22	4.96	--	32.10	13.28	--	32.18	12.48	--	34.73	9.43	--	39.18	4.27	--	34.56	9.73	--
08/14/87	37.78	6.40	--	31.51	13.87	--	31.69	12.97	--	33.58	10.58	--	38.78	4.67	--	33.31	10.98	--
09/08/87	38.33	5.85	--	32.13	13.25	--	32.15	12.51	--	34.59	9.57	--	39.03	4.42	--	33.98	10.31	--
10/01/87	37.77	6.41	--	31.72	13.66	--	31.72	12.94	--	33.39	10.77	--	38.61	4.84	--	33.59	10.70	--
11/05/87	38.36	5.82	--	31.43	13.95	--	31.54	13.12	--	31.79	12.37	--	38.65	4.80	--	34.37	9.92	--
10/16/96	33.00	11.18	--	38.06	7.32	--	38.76	5.90	--	40.15	4.01	--	40.26	3.19	--	39.63	4.66	--
01/16/97	33.01	11.17	--	37.16	8.22	--	36.80	7.86	--	36.37	7.79	--	40.36	3.09	--	39.23	5.06	--
03/26/97	34.25	9.93	--	37.65	7.73	--	38.63	6.03	--	39.51	4.65	--	40.00	3.45	--	39.35	4.94	--
06/24/97	33.18	11.00	--	37.96	7.42	--	NM	NM	--	39.48	4.68	--	40.50	2.95	--			--
07/17/97	33.51	10.67	--	36.69	8.69	--	36.61	8.05	--	39.11	5.05	--	40.48	2.97	--			--
08/25/97	33.98	10.20	--	36.76	8.62	--	36.59	8.07	--	38.64	5.52	--	40.73	2.72	--	39.22	5.07	--
09/23/97	32.72	11.46	--	37.61	7.77	--	38.81	5.85	--	39.59	4.57	--	40.00	3.45	--	40.00	4.29	--
02/05/98	33.61	10.57	--	39.81	5.57	--	38.42	6.24	--	39.89	4.27	--	40.91	2.54	--	39.67	4.62	--
09/26/00	44.18	0.00	--			--	38.35	6.31	--			--			--	39.88	4.41	--
11/09/00	36.53	7.65	--			--			--			--			--			--
01/03/01	37.02	7.16	--			--	38.43	6.23	--	44.16	0.00	--			--	38.68	5.61	--
02/07/01	35.87	8.31	--			--	36.95	7.71	--	44.16	0.00	--	40.40	3.05	--	38.78	5.51	--
03/05/01	35.88	8.30	--			--	37.86	6.80	--	44.16	0.00	--	39.93	3.52	--	38.39	5.90	--
04/16/01			--			--	37.54	7.12	--	36.66	7.50	--	40.24	3.21	--	39.29	5.00	--
05/14/01			--			--	36.06	8.60	--	35.38	8.78	--	39.86	3.59	--	36.73	7.56	--
06/25/01			--			--	37.31	7.35	--	36.88	7.28	--	39.98	3.47	--	38.59	5.70	--
07/16/01			--			--	39.13	5.53	--	39.56	4.60	--	40.55	2.90	--	38.74	5.55	--
08/07/01			--			--	38.85	5.81	--	40.56	3.60	--	40.94	2.51	--	39.49	4.80	--
09/10/01			--			--	39.60	5.06	--	44.16	0.00	--	41.03	2.42	--	40.41	3.88	--
10/09/01			--			--	38.66	6.00	--	44.16	0.00	--	40.49	2.96	--	40.09	4.20	--
11/20/01			--			--	37.51	7.15	--	37.13	7.03	--	40.39	3.06	--	39.19	5.10	--
06/24/02			--			--	38.76	5.90	--	38.95	5.21	--	40.94	2.51	--	38.94	5.35	--

TABLE I: GROUNDWATER ELEVATION

Facility Name: Texaco #24-110-0004-Mickler

Facility ID No.: 558515920

WELL NO.	MW-1	MW-2	MW-3	MW-4	MW-5	MW-6
DIAMETER	4"	4"	4"	2"	4"	4"
WELL DEPTH	22.00	22.00	22.00	20.40	20.10	21.40
SCREEN INTERVAL	2.4-22	2.4-22	2.4-22	2.4-20.4	2.1-20.1	2.4-21.4
TOC ELEVATION	44.18	45.38	44.66	44.16	43.45	44.29

DATE	ELEV	DTW	FP	ELEV	DTW	FP	ELEV	DTW	FP	ELEV	DTW	FP	ELEV	DTW	FP
07/31/02				37.46	7.20	--	37.20	6.96	--	40.35	3.10	--	38.19	6.10	--
09/18/02				37.00	7.66	--	36.45	7.71	--	36.70	6.75	--	37.54	6.75	--
10/25/02				38.59	6.07	--	37.01	7.15	--	40.45	3.00	--	40.52	3.77	--
11/05/02				NM	6.73	--	37.05	7.11	--	40.34	3.11	--	40.06	4.23	--
12/10/02				36.56	8.10	--	36.15	8.01	--	40.44	3.01	--	39.27	5.02	--
03/20/03				39.24	5.42	--	37.96	6.20	--	41.05	2.40	--	39.84	4.45	--
06/09/03													38.79	5.50	--
02/09/04				37.46	7.20	--	35.21	8.95	--	40.68	2.77	--	39.21	5.08	--
02/26/04				37.26	7.40	--	36.81	7.35	--	41.11	2.34	--	39.33	4.96	--
03/01/04				36.96	7.70	--	36.58	7.58	--	40.35	3.10	--	39.20	5.09	--
04/12/04				36.95	7.71	--	36.01	8.15	--	40.15	3.30	--	39.24	5.05	--
05/13/04				36.76	7.90	--	35.76	8.40	--	40.15	3.30	--	39.35	4.94	--
06/03/04				35.78	8.88	--	44.16	0.00	--	39.84	3.61	--	38.99	5.30	--
07/30/04				35.85	8.81	--	37.15	7.01	--	40.43	3.02	--	39.37	4.92	--
08/17/04				38.28	6.38	--	37.23	6.93	--	40.96	2.49	--	40.74	3.55	--
09/24/04				39.17	5.49	--	37.73	6.43	--	41.54	1.91	--	40.27	4.02	--
09/27/04							38.16	6.00	--				41.50	2.79	--
10/07/04				39.34	5.32	--	37.81	6.35	--	40.72	2.73	--	41.09	3.20	--
11/03/04				38.21	6.45	--	36.76	7.40	--	40.30	3.15	--	40.22	4.07	--
12/03/04				37.52	7.14	--	36.68	7.48	--	40.23	3.22	--	39.84	4.45	--
03/24/05	44.18	0.00	--	36.90	7.76	--	36.15	8.01	--	40.77	2.68	--	DESTROYED		
09/06/05	44.18	0.00	--				37.76	6.40	--						

TABLE I: GROUNDWATER ELEVATION

Facility Name: Texaco #24-110-0004-Mickler

Facility ID No.: 558515920

WELL NO.	MW-7	MW-8	MW-9	MW-10	MW-11	MW-12
DIAMETER	4"	4"	4"	4"		
WELL DEPTH	22.00	22.00	22.00	22.00		
SCREEN INTERVAL	2.4-22	2.4-21.4	2.4-21.4	2.4-22	UNKNOWN	UNKNOWN
TOC ELEVATION	44.85	44.39	44.53	43.10	44.55	43.42

DATE	ELEV	DTW	FP	ELEV	DTW	FP	ELEV	DTW	FP	ELEV	DTW	FP	ELEV	DTW	FP
07/16/87	35.44	9.41	--	40.07	4.32	--	40.43	4.10	--	35.41	7.69	--	--	--	--
07/22/87	34.96	9.89	--	39.78	4.61	--	40.24	4.29	--	33.29	9.81	--	--	--	--
07/27/87	34.41	10.44	--	39.80	4.59	--	40.13	4.40	--	32.66	10.44	--	--	--	--
08/14/87	34.25	10.60	--	39.51	4.88	--	39.91	4.62	--	32.60	10.50	--	--	--	--
09/08/87	35.43	9.42	0.14	39.69	4.70	--	40.35	4.18	--	33.26	9.84	--	--	--	--
10/01/87	34.70	10.15	1.12	39.85	4.54	--	40.38	4.15	--	33.31	9.79	--	--	--	--
11/05/87	35.10	9.75	1.10	39.13	5.26	--	40.05	4.48	--	32.27	10.83	--	--	--	--
10/16/96	40.20	4.65	--	40.54	3.85	--	40.88	3.65	--	40.20	2.90	--	38.00	6.55	--
01/16/97	38.17	6.68	--	39.74	4.65	--	40.80	3.73	--	38.52	4.58	--	36.90	7.65	--
03/26/97				41.51	2.88	--	42.16	2.37	--	39.95	3.15	--	37.85	6.70	--
06/24/97				40.80	3.59	--	41.52	3.01	--	40.19	2.91	--	37.11	7.44	--
07/02/97							42.89	1.64							
07/17/97	37.27	7.58	--	41.33	3.06	--	43.34	1.19	--	39.35	3.75	--	36.36	8.19	--
08/25/97	36.88	7.97	--	41.81	2.58	--	43.25	1.28	--	38.49	4.61	--	37.01	7.54	--
09/23/97	39.94	4.91	--	42.34	2.05	--	43.78	0.75	--	39.69	3.41	--	38.33	6.22	--
02/05/98	39.05	5.80	--	41.35	3.04	--	42.07	2.46	--	39.79	3.31	--	37.55	7.00	--
09/26/00	38.79	6.06	--	41.40	2.99	--									
11/09/00	37.35	7.50	--	40.06	4.33	--									
01/03/01	43.20	1.65	--				40.38	4.15	--	38.95	4.15	--			
02/07/01	38.85	6.00	--	38.89	5.50	--	40.92	3.61	--	39.49	3.61	--			
03/05/01	40.97	3.88	--	39.24	5.15	--	40.01	4.52	--	38.58	4.52	--			
04/16/01	38.30	6.55	--	39.21	5.18	--	40.63	3.90	--	39.20	3.90	--			
05/14/01	36.81	8.04	--	37.78	6.61	--	38.26	6.27	--	36.84	6.26	--			
06/25/01	37.95	6.90	--	37.83	6.56	--	40.08	4.45	--	38.65	4.45	--			
07/16/01	41.47	3.38	--	39.27	5.12	--	39.62	4.91	--	38.19	4.91	--			
08/07/01	40.65	4.20	--	40.24	4.15	--	41.83	2.70	--	40.40	2.70	--			
09/10/01	41.75	3.10	--	40.74	3.65	--	42.53	2.00	--	41.10	2.00	--			
10/09/01	40.65	4.20	--	40.98	3.41	--	42.53	2.00	--	41.10	2.00	--			
11/20/01	38.65	6.20	--	39.64	4.75	--	41.03	3.50	--	39.60	3.50	--			

TABLE I: GROUNDWATER ELEVATION

Facility Name: Texaco #24-110-0004-Mickler

Facility ID No.: 558515920

WELL NO.	MW-7	MW-8	MW-9	MW-10	MW-11	MW-12
DIAMETER	4"	4"	4"	4"		
WELL DEPTH	22.00	22.00	22.00	22.00		
SCREEN INTERVAL	2.4-22	2.4-21.4	2.4-21.4	2.4-22	UNKNOWN	UNKNOWN
TOC ELEVATION	44.85	44.39	44.53	43.10	44.55	43.42

DATE	ELEV	DTW	FP	ELEV	DTW	FP	ELEV	DTW	FP	ELEV	DTW	FP	ELEV	DTW	FP
06/24/02				39.09	5.30	--	40.17	4.36	--	38.74	4.36	--			
07/31/02	39.05	5.80	--	38.28	6.11	--	39.17	5.36	--	37.74	5.36	--			
09/18/02	38.40	6.45	--	41.99	2.40	--	39.51	5.02	--	38.08	5.02	--			
10/25/02	42.12	2.73	--	41.66	2.73	--	40.94	3.59	--	39.51	3.59	--			
11/05/02	40.12	4.73	--	40.88	3.51	--	41.80	2.73	--	40.37	2.73	--			
12/10/02	39.72	5.13	--	42.03	2.36	--	40.91	3.62	--	39.48	3.62	--	38.83	4.59	--
03/20/03	40.56	4.29	--	42.04	2.35	--	42.03	2.50	--	40.60	2.50	--			
06/09/03	39.55	5.30	--	40.08	4.31	--									
02/09/04	39.55	5.30	--	41.79	2.60	--	40.98	3.55	--	39.55	3.55	--			
02/26/04	39.87	4.98	--	41.87	2.52	--	41.53	3.00	--	40.10	3.00	--			
03/01/04	40.20	4.65	--	41.64	2.75	--	41.37	3.16	--	39.94	3.16	--			
04/12/04	37.35	7.50	--	43.35	1.04	--	39.31	5.22	--	37.88	5.22	--			
05/13/04	39.62	5.23	--	40.97	3.42	--	40.83	3.70	--	39.40	3.70	--			
06/03/04	39.85	5.00	--	41.42	2.97	--	40.38	4.15	--	38.95	4.15	--			
07/30/04	40.57	4.28	--	41.78	2.61	--	42.45	2.08	--	41.04	2.06	--			
08/17/04	41.03	3.82	--	42.18	2.21	--	42.36	2.17	--	40.93	2.17	--			
09/24/04	41.05	3.80	--	41.81	2.58	--	41.78	2.75	--	40.35	2.75	--			
09/27/04	41.60	3.25	--	42.54	1.85	--									
10/07/04	41.35	3.50	--	42.46	1.93	--	42.88	1.65	--	41.45	1.65	--			
11/03/04	39.86	4.99	--	40.63	3.76	--	42.33	2.20	--	40.90	2.20	--			
12/03/04	39.05	5.80	--	40.11	4.28	--	41.63	2.90	--	40.20	2.90	--			
03/24/05	38.86	5.99	--	39.40	4.99	--	38.98	5.55	--	37.55	5.55	--			

Facility Name: **Texaco #24-110-0004-Mickler**
Facility ID No.: **558515920**

WELL NO.	MW-7	MW-8	MW-9	MW-10	MW-11	MW-12
DIAMETER	4"	4"	4"	4"		
WELL DEPTH	22.00	22.00	22.00	22.00		
SCREEN INTERVAL	2.4-22	2.4-21.4	2.4-21.4	2.4-22	UNKNOWN	UNKNOWN
TOC ELEVATION	44.85	44.39	44.42	44.53	44.52	44.55
				43.10	43.10	43.42

[illegible]

TABLE I: GROUNDWATER ELEVATION

Facility Name: Texaco #24-110-0004-Mickler

Facility ID No.: 558515920

WELL NO.	MW-19	MW-20	MW-21	MW-22	MW-23	DW-1
DIAMETER	4"	4"	4"	4"	4"	4"
WELL DEPTH	12.50	12.50	11.50	11.50	11.50	30.00
SCREEN INTERVAL	2.5-12.5	2.5-12.5	1.5-11.5	1.5-11.5	1.5-11.5	5-30
TOC ELEVATION	44.66	44.23	43.08	43.12	44.48	44.21

DATE	ELEV	DTW	FP	ELEV	DTW	FP	ELEV	DTW	FP	ELEV	DTW	FP	ELEV	DTW	FP	ELEV	DTW	FP
10/16/96	40.87	3.79	--	40.99	3.24	--	40.61	2.47	--	40.57	2.55	--	41.29	3.19	--	39.55	4.66	--
01/16/97				42.11	2.12	--	41.44	1.64	--	41.03	2.09	--	41.39	3.09	--	39.15	5.06	--
03/26/97	40.83	3.83	--	41.40	2.83	--	41.08	2.00	--	40.32	2.80	--	41.03	3.45	--	39.27	4.94	--
06/24/97	41.46	3.20	--	41.44	2.79	--	40.97	2.11	--	40.93	2.19	--	41.53	2.95	--			
07/17/97	42.48	2.18	--	42.19	2.04	--	36.04	7.04	--	40.78	2.34	--	41.51	2.97	--			
08/25/97	41.62	3.04	--	42.95	1.28	--	42.73	0.35	--	42.32	0.80	--	41.76	2.72	--	39.14	5.07	--
09/23/97	42.42	2.24	--	42.78	1.45	--	42.66	0.42	--	40.89	2.23	--	41.03	3.45	--	39.92	4.29	--
02/05/98				42.40	1.83	--	42.19	0.89	--	42.07	1.05	--	41.94	2.54	--	39.59	4.62	--
09/26/00							41.83	1.25	--							39.80	4.41	--
11/09/00	39.57	5.09	--	40.52	3.71	--												
01/03/01	40.64	4.02	--				39.42	3.66	--							38.60	5.61	--
02/07/01	39.90	4.76	--	41.07	3.16	--	39.76	3.32	--				41.43	3.05	--	38.70	5.51	--
03/05/01	40.31	4.35	--	40.53	3.70	--	39.48	3.60	--				40.96	3.52	--	38.31	5.90	--
04/16/01	39.72	4.94	--	40.41	3.82	--	39.94	3.14	--				41.27	3.21	--	39.21	5.00	--
05/14/01	39.86	4.80	--	40.02	4.21	--	38.92	4.16	--				40.89	3.59	--	36.65	7.56	--
06/25/01	41.64	3.02	--	40.54	3.69	--	38.86	4.22	--				41.01	3.47	--	38.51	5.70	--
07/16/01	42.26	2.40	--	41.67	2.56	--	40.69	2.39	--				41.58	2.90	--	38.66	5.55	--
08/07/01	42.66	2.00	--	42.38	1.85	--	41.78	1.30	--				41.97	2.51	--	39.41	4.80	--
09/10/01	41.06	3.60	--	42.63	1.60	--	42.44	0.64	--				42.06	2.42	--	40.33	3.88	--
10/09/01	40.95	3.71	--	41.17	3.06	--	40.92	2.16	--				41.52	2.96	--	40.01	4.20	--
11/20/01	42.46	2.20	--	41.03	3.20	--	40.64	2.44	--				41.42	3.06	--	39.11	5.10	--
06/24/02	41.06	3.60	--	42.39	1.84	--							41.97	2.51	--	38.86	5.35	--

TABLE I: GROUNDWATER ELEVATION

Facility Name: Texaco #24-110-0004-Mickler

Facility ID No.: 558515920

WELL NO.	MW-19	MW-20	MW-21	MW-22	MW-23	DW-1
DIAMETER	4"	4"	4"	4"	4"	4"
WELL DEPTH	12.50	12.50	11.50	11.50	11.50	30.00
SCREEN INTERVAL	2.5-12.5	2.5-12.5	1.5-11.5	1.5-11.5	1.5-11.5	5-30
TOC ELEVATION	44.66	44.23	43.08	43.12	44.48	44.21

DATE	ELEV	DTW	FP	ELEV	DTW	FP	ELEV	DTW	FP	ELEV	DTW	FP	ELEV	DTW	FP
07/31/02	40.95	3.71	--	40.58	3.65	--	40.08	3.00	--	41.38	3.10	--	38.11	6.10	--
09/18/02	42.46	2.20	--	43.12	1.11	--	43.08	0.00	--	37.73	6.75	--	37.46	6.75	--
10/25/02	40.41	4.25	--	42.03	2.20	--	42.38	0.70	--	41.48	3.00	--	40.44	3.77	--
11/05/02	42.86	1.80	--	41.16	3.07	--				41.37	3.11	--	39.98	4.23	--
12/10/02	41.79	2.87	--	43.32	0.91	--				41.47	3.01	--	39.19	5.02	--
03/20/03	40.98	3.68	--	42.54	1.69	--				42.08	2.40	--	39.76	4.45	--
06/09/03	42.28	2.38	--							38.71	5.50	--			--
02/09/04	42.44	2.22	--							41.71	2.77	--	39.13	5.08	--
02/26/04										42.10	2.38	--	39.25	4.96	--
03/01/04										41.38	3.10	--	39.12	5.09	--
04/12/04										41.18	3.30	--	39.16	5.05	--
05/13/04										41.18	3.30	--	39.27	4.94	--
06/03/04										40.87	3.61	--	38.91	5.30	--
07/30/04										41.46	3.02	--	39.29	4.92	--
08/17/04										41.99	2.49	--	40.66	3.55	--
09/24/04										42.57	1.91	--	40.19	4.02	--
09/27/04													41.42	2.79	--
10/07/04										41.75	2.73	--	41.01	3.20	--
11/03/04										41.33	3.15	--	40.14	4.07	--
12/03/04										41.26	3.22	--	39.76	4.45	--
03/24/05				NF	NF										
09/06/05				NF	NF			NF	NF						

TABLE I: GROUNDWATER ELEVATION

Facility Name: Texaco #24-110-0004-Mickler

Facility ID No.: 558515920

WELL NO.	DW-2	DW-3	MW-6R	MW-24	MW-25	RW-1
DIAMETER	2"	2"	2"	2"	2"	6"
WELL DEPTH	40.00	32.00	12.00	12.00	12.00	30.00
SCREEN INTERVAL	2.5-10	27-32	2-12	2-12	2-12	
TOC ELEVATION	44.65	44.66 44.86	44.36	44.25	44.45	44.39

DATE	ELEV	DTW	FP	ELEV	DTW	FP	ELEV	DTW	FP	ELEV	DTW	FP	ELEV	DTW	FP
01/16/97	36.99	7.66	--							35.39	9.00	--			--
03/26/97	37.56	7.09	--							39.49	4.90	--			--
06/24/97	37.14	7.51	--							36.56	7.83	--			--
07/02/97										38.48	5.91	--			--
07/17/97	36.28	8.37	--							34.04	10.35	--			--
08/25/97	37.02	7.63	--							35.22	9.17	--			--
09/23/97	37.96	6.69	--							40.14	4.25	--			--
10/16/97	37.90	6.75	--							39.64	4.75	--			--
02/05/98	37.33	7.32	--							35.64	8.75	--			--
01/03/01	37.38	7.27	--												
09/18/02										33.19	11.20	--			--
12/10/02										35.04	9.35	--			--
03/24/05	44.65	0.00	--	36.96	7.70	--	38.77	5.59	--	38.65	5.60	--	38.74	5.71	--
09/06/05							38.92	5.44	--	37.37	6.88	--	37.40	7.05	--
07/17/06				35.16	9.50	--	38.36	6.00	--	NF	NF		NF	NF	
01/23/14							39.60	4.76	--						
05/26/16		DESTROYED		36.38	8.28	--	39.27	5.09	--						
08/10/16				36.19	8.47	--	38.81	5.55	--						
03/30/23				36.61	8.25	--		NOT LOCATED							

* = A second TOC Elevation (to right) reflects TOC Elevation obtained during TOC elevation survey conducted on March 30, 2023.

TABLE 2A: GROUNDWATER MONITORING WELL ANALYTICAL SUMMARY - VOCs and Metals

Facility Name: Texaco #24-110-0004-Mickler

Facility ID No.: 558515920

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 Cad- 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)
GCTLs		1**	40**	30**	20**	--	20	0.02**	3**	10**	5**	100**	15**
NADCs		100	400	300	200	--	200	2	300	100	50	1,000	150
MW-1	07/16/87	ND	ND	ND	ND	--	--	--	--	--	--	--	--
	07/27/87	ND	ND	ND	ND	--	--	--	--	--	--	--	--
	01/12/88	ND	ND	ND	ND	--	--	--	--	--	--	--	--
	04/26/88	ND	ND	ND	ND	--	11	--	--	--	--	--	--
	07/20/88	ND	ND	ND	ND	--	10	--	--	--	--	--	--
	10/11/88	<PQL	<PQL	<PQL	<PQL	--	7	<PQL	<PQL	--	--	--	27
	05/06/93	<PQL	7	<PQL	22	29	<PQL	--	--	--	--	--	--
	08/24/93	<PQL	<PQL	<PQL	<PQL	--	<PQL	--	--	--	--	--	--
	11/29/93	<PQL	<PQL	<PQL	<PQL	--	5	--	--	--	--	--	--
	03/11/94	<PQL	<PQL	<PQL	<PQL	--	<PQL	--	--	--	--	--	--
	05/11/94	<PQL	<PQL	<PQL	<PQL	--	<PQL	--	--	--	--	--	--
	08/31/94	<PQL	3	1	3	7	<PQL	--	--	--	--	--	--
	11/10/94	<PQL	<PQL	<PQL	<PQL	--	<PQL	--	--	--	--	--	--
	02/01/95	<PQL	<PQL	<PQL	<PQL	--	<PQL	--	--	--	--	--	--
	05/02/95	<PQL	<PQL	<PQL	<PQL	--	<PQL	--	--	--	--	--	--
	08/21/95	<PQL	2	1	7	10	2	--	--	--	--	--	--
	11/09/95	<PQL	<PQL	<PQL	<PQL	--	<PQL	--	--	--	--	--	--
	02/09/96	<PQL	<PQL	<PQL	<PQL	--	<PQL	--	--	--	--	--	--
	05/13/96	<PQL	<PQL	<PQL	<PQL	--	<PQL	--	--	--	--	--	--
MW-2	07/16/87	6	ND	ND	ND	6	--	--	--	--	--	--	--
	07/27/87	4	ND	ND	ND	4	--	--	--	--	--	--	--
	01/12/88	2	ND	ND	ND	2	--	--	--	--	--	--	--
	04/26/88	ND	ND	ND	ND	--	ND	--	--	--	--	--	--
	07/20/88	ND	ND	ND	ND	--	ND	--	--	--	--	--	--
	10/11/88	2	<PQL	<PQL	<PQL	2	<PQL	<PQL	<PQL	--	--	--	26
	05/06/93	<PQL	<PQL	<PQL	<PQL	--	<PQL	--	--	--	--	--	--

TABLE 2A: GROUNDWATER MONITORING WELL ANALYTICAL SUMMARY - VOCs and Metals

Facility Name: Texaco #24-110-0004-Mickler

Facility ID No.: 558515920

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 Cad- 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)
GCTLs		1**	40**	30**	20**	--	20	0.02**	3**	10**	5**	100**	15**
NADCs		100	400	300	200	--	200	2	300	100	50	1,000	150
MW-3	07/16/87	160	23	10	32	230	--	--	--	--	--	--	--
	07/27/87	450	58	85	330	923	--	--	--	--	--	--	--
	01/12/88	410	ND	ND	85	495	--	--	--	--	--	--	--
	04/26/88	110	ND	ND	57	167	ND	--	--	--	--	--	39
	07/20/88	800	ND	6	260	1066	ND	0.09	--	--	--	--	--
	10/11/88	230	<PQL	<PQL	67	297	<PQL	<PQL	<PQL	--	--	--	49
	02/20/92	33	<PQL	<PQL	29	62	18	--	--	--	--	--	--
	05/27/92	58	<PQL	<PQL	27	85	19	--	--	--	--	--	--
	09/30/92	26	<PQL	<PQL	44	70	<PQL	--	--	--	--	--	--
	12/28/92	60	<PQL	<PQL	47	111	21	--	--	--	--	--	--
	05/06/93	13	<PQL	<PQL	22	35	<PQL	--	--	--	--	--	--
	08/24/93	111	2	1	73	187	ND	--	--	--	--	--	--
	11/29/93	1	ND	ND	6	7	6	--	--	--	--	--	--
	03/11/94	1	<PQL	<PQL	2	3	<PQL	--	--	--	--	--	--
	05/11/94	11	<PQL	<PQL	23	34	<PQL	--	--	--	--	--	--
	08/29/94	1	4	1	8	14	<PQL	--	--	--	--	--	--
	11/10/94	5	<PQL	<PQL	4	9	<PQL	--	--	--	--	--	--
	02/01/95	1	<PQL	<PQL	<PQL	1	<PQL	--	--	--	--	--	--
	05/02/95	10	<PQL	<PQL	8	18	<PQL	--	--	--	--	--	--
	08/21/95	9	1	<PQL	7	17	2	--	--	--	--	--	--
	11/09/95	2	1	<PQL	<PQL	3	<PQL	--	--	--	--	--	--
	02/09/96	5	<PQL	1	4	10	<PQL	--	--	--	--	--	--
	05/13/96	<PQL	<PQL	<PQL	<PQL	--	<PQL	--	--	--	--	--	--
	12/16/96	<PQL	<PQL	<PQL	<PQL	--	<PQL	--	--	--	--	--	--
	03/26/97	4	<PQL	<PQL	5	9	<PQL	--	--	--	--	--	--
	07/18/97	<PQL	<PQL	<PQL	<PQL	--	<PQL	--	--	--	--	--	--
	09/23/97	5	<PQL	2	18	25	3	--	--	--	--	--	--
	02/05/98	2	1	<PQL	4	6	<PQL	--	--	--	--	--	--
	09/26/00	<PQL	<PQL	<PQL	7	7	10	--	--	--	--	--	--
	02/07/01	<PQL	<PQL	<PQL	<PQL	--	5	--	--	--	--	--	--
	05/14/01	4	<PQL	1	49	53	<PQL	--	--	--	--	--	--
	08/06/01	3	<PQL	<PQL	35	37	1	--	--	--	--	--	--
	11/20/01	5	<1	<1	36	41	<1	--	--	--	--	--	--
	09/19/02	<1	<1	<1	6	6	<1	--	--	--	--	--	--
	12/11/02	1	<1	<1	21	22	13	--	--	--	--	--	--
	03/20/03	<1	<1	<1	<1	--	<1	--	--	--	--	--	--
	09/06/05	0.46**	<1	0.4**	8.4	9.26	<8	--	--	--	--	--	--

TABLE 2A: GROUNDWATER MONITORING WELL ANALYTICAL SUMMARY - VOCs and Metals

Facility Name: Texaco #24-I 10-0004-Mickler

Facility ID No.: 558515920

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 Cad- 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)
GCTLs		1**	40**	30**	20**	--	20	0.02**	3**	10**	5**	100**	15**
NADCs		100	400	300	200	--	200	2	300	100	50	1,000	150
MW-4	07/16/87	ND	ND	ND	ND	--	--	--	--	--	--	--	--
	07/27/87	2	13	ND	21	36	--	--	--	--	--	--	--
	01/12/88	ND	ND	ND	ND	--	--	--	--	--	--	--	--
	04/26/88	ND	ND	ND	ND	--	6.00	--	--	--	--	--	--
	07/20/88	ND	ND	ND	ND	--	ND	--	--	--	--	--	--
	10/11/88	<PQL	<PQL	<PQL	<PQL	--	6	<PQL	<PQL	--	--	--	17
	05/06/93	<PQL	34	10	100	144	<PQL	--	--	--	--	--	--
	12/16/96	<PQL	<PQL	<PQL	<PQL	--	<PQL	--	--	--	--	--	--
	03/26/97	<PQL	<PQL	<PQL	<PQL	--	<PQL	--	--	--	--	--	--
	06/24/97	<PQL	<PQL	<PQL	<PQL	--	<PQL	--	--	--	--	--	--
	07/18/97	<PQL	<PQL	<PQL	<PQL	--	<PQL	--	--	--	--	--	--
	09/23/97	<PQL	<PQL	<PQL	<PQL	--	<PQL	--	--	--	--	--	--
	03/08/04	<1	<1	<1	<3	--	6	--	--	--	--	--	--
	06/17/04	<1	<1	<1	<3	--	2	--	--	--	--	--	--
	09/27/04	<1	<1	<1	<3	--	2	--	--	--	--	--	--
	12/06/04	<1	<1	<1	<3	--	4	--	--	--	--	--	--
	07/18/06	<0.440	<0.540	<0.410	<1.23	--	0.792(l)	--	--	--	--	--	--
	01/23/14	0.34 U	0.70 U	0.50 U	1.6 U	--	0.74 U	--	--	--	--	--	--
	08/11/16	0.10 U	0.50 U	0.50 U	1.0 U	--	0.50 U	--	--	--	--	--	--
	06/09/23	0.75 U	0.75 U	0.75 U	2.2 U	--	0.75 U	--	--	--	--	--	3.7 l
MW-5	07/16/87	ND	ND	ND	ND	--	--	--	--	--	--	--	--
	07/27/87	ND	3	ND	20	23	--	--	--	--	--	--	--
	01/12/88	ND	ND	ND	ND	--	--	--	--	--	--	--	--
	04/26/88	1	ND	ND	ND	1	ND	--	--	--	--	--	<5
	07/20/88	ND	ND	ND	ND	--	ND	ND	--	--	--	--	--
	10/11/88	1	<PQL	<PQL	<PQL	1	<PQL	<PQL	<PQL	--	--	--	<5
	09/30/92	<PQL	<PQL	<PQL	<PQL	--	<PQL	--	--	--	--	--	--
	12/28/92	<PQL	<PQL	<PQL	<PQL	--	<PQL	--	--	--	--	--	--
	05/06/93	<PQL	<PQL	<PQL	<PQL	--	<PQL	--	--	--	--	--	--
	07/18/06	<0.440	<0.540	<0.410	<1.23	--	<0.510	--	--	--	--	--	--
	12/08/06	<0.610	<0.600	<0.460	<0.840	--	<0.380	--	--	--	--	--	--
	08/11/16	0.10 U	0.50 U	0.50 U	1.0 U	--	0.50 U	--	--	--	--	--	--

TABLE 2A: GROUNDWATER MONITORING WELL ANALYTICAL SUMMARY - VOCs and Metals

Facility Name: Texaco #24-110-0004-Mickler

Facility ID No.: 558515920

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 Cad- 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)
GCTLs		1**	40**	30**	20**	--	20	0.02**	3**	10**	5**	100**	15**
NADCs		100	400	300	200	--	200	2	300	100	50	1,000	150
MW-6	07/16/87	2700	19000	2600	17000	41300	--	--	--	--	--	--	--
	07/27/87	2000	17000	1900	14000	34900	--	--	--	--	--	--	--
	01/12/88	750	3500	180	2200	6630	--	--	--	--	--	--	--
	04/26/88	480	970	160	1200	2810	12	--	--	--	--	--	32
	07/20/88	1200	6600	650	7500	15950	110	0.12	--	--	--	--	--
	10/11/88	86	720	15	2500	3321	230	0.23	<PQL	--	--	--	27
	05/06/93	930	6700	1200	9100	17930	<PQL	--	--	--	--	--	--
	02/05/98	248	2680	770	4830	8528	<PQL	--	--	--	--	--	--
	09/06/00	78	476	334	2480	3468	<PQL	--	--	--	--	--	--
	02/07/01	<PQL	<PQL	<PQL	<PQL	--	<PQL	--	--	--	--	--	--
	05/14/01	110	60	58	600	826	6	--	--	--	--	--	--
	08/06/01	64	262	152	1550	2028	<PQL	--	--	--	--	--	--
	11/20/01	55	333	160	1290	1838	<10	--	--	--	--	--	--
	09/19/02	26	274	300	1810	2410	<20	--	--	--	--	--	--
	12/11/02	<1	<1	<1	<1	--	<1	--	--	--	--	--	--
	03/20/03	<50	130	55	535	720	6120	--	--	--	--	--	--
	06/09/03	<100	<100	<100	<100	<400	4590	--	--	--	--	--	--
	03/08/04 (DUP)	22	10	40	430	662	2300	--	--	--	--	--	--
	03/08/04	16	76	2	142	235	1690	--	--	--	--	--	--
	06/17/04	88	434	311	2270	3103	2470	--	--	--	--	--	--
	09/27/04	<1	1	1	4	6	1	--	--	--	--	--	--
	12/06/04	<10	<10	<10	<30	--	521	--	--	--	--	--	--
MW-6R	03/24/05	4.2	3	<1	9.2	16.4	131	--	--	--	--	--	--
	09/06/05	80	29	12	177	298	1200	--	--	--	--	--	--
	07/18/06	107	185	87.8	656	1035.8	407	--	--	--	--	--	--
	01/23/14	2.4	1.4	10.0	73.0	86.8	12	--	--	--	--	--	--
	08/11/16	3.9	8.0	33.9	331	376.8	8.5	--	--	--	--	--	--

TABLE 2A: GROUNDWATER MONITORING WELL ANALYTICAL SUMMARY - VOCs and Metals

Facility Name: Texaco #24-110-0004-Mickler

Facility ID No.: 558515920

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 Cad- 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)
GCTLs		1**	40**	30**	20**	--	20	0.02**	3**	10**	5**	100**	15**
NADCs		100	400	300	200	--	200	2	300	100	50	1,000	150
MW-7	07/16/87	13000	54000	8600	40000	115600	ND	5	--	--	--	--	--
	07/27/87	9400	37000	3700	16000	66100	--	--	--	--	--	--	124
	10/11/88	FP											
	05/06/93	1000	18000	3700	31000	53700	<PQL	--	--	--	--	--	--
	02/05/98	1000	3220	1860	11330	17460	<PQL	--	--	--	--	--	--
	09/26/00	910	120	1500	3300	5830	<PQL	--	--	--	--	--	--
	09/26/00 (DUP)	890	115	1470	3280	5755	<PQL	--	--	--	--	--	--
	02/07/01	<PQL	<PQL	<PQL	<PQL	--	<PQL	--	--	--	--	--	--
	05/14/01	1020	4270	1460	5520	12270	<PQL	--	--	--	--	--	--
	05/14/01 (DUP)	1220	5410	1910	6950	15490	<PQL	--	--	--	--	--	--
	08/06/01	2	<PQL	2	<PQL	4	2	--	--	--	--	--	--
	08/06/01 (DUP)	556	1220	552	2000	4328	<PQL	--	--	--	--	--	--
	11/20/01	566	1480	844	3080	5970	<10	--	--	--	--	--	--
	11/20/01 (DUP)	564	1500	845	3080	5989	<10	--	--	--	--	--	--
	09/19/02	138	381	183	2230	2932	<10	--	--	--	--	--	--
	12/11/02	30	97	26	224	376	3	--	--	--	--	--	--
	03/20/03	12	22	36	193	263	2	--	--	--	--	--	--
	06/09/03	2.4	9	3	34	48	<1	--	--	--	--	--	--
	03/08/04	104	272	48	816	1240	<5	--	--	--	--	--	--
	06/17/04	121	268	93	852	1334	<5	--	--	--	--	--	--
	09/27/04	<1	<1	<1	<3	--	<1	--	--	--	--	--	--
	12/06/04	384	879	221	2030	3514	<5	--	--	--	--	--	--
MW-7R	09/06/05	590	1100	330	2360	4380	4.1 (l)	--	--	--	--	--	--
	01/23/14	6.8	0.70 U	2.4	44.0	--	0.74 U	--	--	--	--	--	--
	08/11/16	13.6	1.6	90.9	138	244.1	0.50 U	--	--	--	--	--	--
	06/09/23	9.2	25	40	500	574.2	0.25 U	--	--	--	--	--	3 U

TABLE 2A: GROUNDWATER MONITORING WELL ANALYTICAL SUMMARY - VOCs and Metals

Facility Name: Texaco #24-110-0004-Mickler

Facility ID No.: 558515920

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 Cad- 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)
GCTLs		1**	40**	30**	20**	--	20	0.02**	3**	10**	5**	100**	15**
NADCs		100	400	300	200	--	200	2	300	100	50	1,000	150
MW-8	07/16/87	16	ND	ND	ND	16	--	--	--	--	--	--	--
	07/27/87	5	ND	ND	ND	5	--	--	--	--	--	--	--
	01/12/88	1	ND	ND	ND	1	--	--	--	--	--	--	--
	04/26/88	ND	ND	ND	ND	--	ND	--	--	--	--	--	16
	07/20/88	ND	ND	ND	ND	--	ND	ND	--	--	--	--	--
	10/11/88	1	<PQL	<PQL	<PQL	1	<PQL	<PQL	<PQL	--	--	--	67
	05/06/93	4	<PQL	<PQL	<PQL	4	<PQL	--	--	--	--	--	--
	12/16/96	<PQL	<PQL	<PQL	<PQL	--	<PQL	--	--	--	--	--	--
	03/26/97	<PQL	<PQL	<PQL	10	10	<PQL	--	--	--	--	--	--
	06/24/97	3	<PQL	<PQL	13	16	<PQL	--	--	--	--	--	--
	07/18/97	3	2	9	92	106	<PQL	--	--	--	--	--	--
	09/23/97	1	2	3	18	24	<PQL	--	--	--	--	--	--
	02/05/98	2	1	3	50	56	<PQL	--	--	--	--	--	--
	09/26/00	<PQL	<PQL	<PQL	<PQL	--	<PQL	--	--	--	--	--	--
	02/07/01	<PQL	<PQL	<PQL	<PQL	--	<PQL	--	--	--	--	--	--
	05/14/01	<PQL	<PQL	<PQL	1	1	<PQL	--	--	--	--	--	--
	08/06/01	<PQL	<PQL	<PQL	1	1	<PQL	--	--	--	--	--	--
	11/20/01	1	<PQL	<PQL	4	5	<PQL	--	--	--	--	--	--
	09/19/02	<1	<1	<1	2	2	<1	--	--	--	--	--	--
	12/11/02	<1	<1	<1	<1	--	<1	--	--	--	--	--	--
	06/09/03	<1	<1	<1	2	2	<1	--	--	--	--	--	--
	03/08/04	1	<1	<1	2	3	<1	--	--	--	--	--	--
	06/17/04	<1	<1	<1	<3	--	<1	--	--	--	--	--	--
	09/27/04	<1	<1	<1	<3	--	<1	--	--	--	--	--	--
	12/06/04	<1	<1	<1	<3	--	<1	--	--	--	--	--	--
	07/18/06	<0.440	<0.540	<0.410	<1.23	--	<0.510	--	--	--	--	--	--
	08/10/16	0.10 U	0.50 U	0.50 U	1.0 U	--	0.50 U	--	--	--	--	--	--
	06/09/23	0.25 U	0.25 U	0.25 U	0.75 U	--	0.25 U	--	--	--	--	--	3 U

TABLE 2A: GROUNDWATER MONITORING WELL ANALYTICAL SUMMARY - VOCs and Metals

Facility Name: Texaco #24-110-0004-Mickler

Facility ID No.: 558515920

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 Cad- 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)
GCTLs		1**	40**	30**	20**	--	20	0.02**	3**	10**	5**	100**	15**
NADCs		100	400	300	200	--	200	2	300	100	50	1,000	150
MW-9	07/16/87	ND	ND	ND	ND	--	--	--	--	--	--	--	--
	07/27/87	ND	ND	ND	ND	--	--	--	--	--	--	--	--
	01/12/88	ND	ND	ND	ND	--	--	--	--	--	--	--	--
	04/26/88	ND	ND	ND	ND	--	ND	--	--	--	--	--	--
	07/20/88	ND	ND	ND	ND	--	ND	--	--	--	--	--	--
	10/11/88	<PQL	<PQL	<PQL	<PQL	--	<PQL	<PQL	<PQL	--	--	--	9.6
	05/06/93	<PQL	<PQL	<PQL	<PQL	--	<PQL	--	--	--	--	--	--
	08/24/93	<PQL	<PQL	<PQL	<PQL	--	<PQL	--	--	--	--	--	--
	11/29/93	48	18	15	121	202	34	--	--	--	--	--	--
	03/11/94	<PQL	<PQL	<PQL	<PQL	--	<PQL	--	--	--	--	--	--
	05/11/94	<PQL	<PQL	<PQL	<PQL	--	<PQL	--	--	--	--	--	--
	08/29/94	<PQL	2	<PQL	2	4	5	--	--	--	--	--	--
	11/10/94	<PQL	<PQL	<PQL	<PQL	--	<PQL	--	--	--	--	--	--
	02/01/95	<PQL	<PQL	<PQL	<PQL	--	<PQL	--	--	--	--	--	--
	05/02/95	<PQL	<PQL	<PQL	<PQL	--	<PQL	--	--	--	--	--	--
	08/21/95	<PQL	<PQL	<PQL	<PQL	--	<PQL	--	--	--	--	--	--
	11/09/95	<PQL	<PQL	<PQL	<PQL	--	<PQL	--	--	--	--	--	--
	02/09/96	<PQL	<PQL	<PQL	<PQL	--	<PQL	--	--	--	--	--	--
	05/13/96	<PQL	<PQL	<PQL	<PQL	--	<PQL	--	--	--	--	--	--
	07/18/06	<0.440	<0.540	<0.410	<1.23	--	<0.510	--	--	--	--	--	--
	08/11/16	0.10 U	0.50 U	0.50 U	1.0 U	--	0.50 U	--	--	--	--	--	--

TABLE 2A: GROUNDWATER MONITORING WELL ANALYTICAL SUMMARY - VOCs and Metals

Facility Name: Texaco #24-110-0004-Mickler

Facility ID No.: 558515920

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 Cad- 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)
GCTLs		1**	40**	30**	20**	--	20	0.02**	3**	10**	5**	100**	15**
NADCs		100	400	300	200	--	200	2	300	100	50	1,000	150
MW-10	07/16/87	5	ND	ND	ND	5	--	--	--	--	--	--	--
	07/27/87	3	ND	ND	ND	3	--	--	--	--	--	--	--
	01/12/88	ND	ND	ND	ND	--	--	--	--	--	--	--	--
	04/26/88	1	ND	ND	ND	1	ND	--	--	--	--	--	--
	07/20/88	1	ND	ND	ND	1	ND	--	--	--	--	--	--
	10/11/88	2	<PQL	<PQL	<PQL	2	<PQL	<PQL	<PQL	--	--	--	<5
	02/20/92	<PQL	<PQL	<PQL	<PQL	--	<PQL	--	--	--	--	--	--
	05/27/92	<PQL	<PQL	<PQL	<PQL	--	<PQL	--	--	--	--	--	--
	09/30/92	<PQL	<PQL	<PQL	<PQL	--	<PQL	--	--	--	--	--	--
	12/28/92	<PQL	<PQL	<PQL	<PQL	--	<PQL	--	--	--	--	--	--
	05/06/93	<PQL	<PQL	<PQL	<PQL	--	<PQL	--	--	--	--	--	--
	08/24/93	ND	ND	ND	ND	--	ND	--	--	--	--	--	--
	11/29/93	ND	ND	ND	ND	--	9	--	--	--	--	--	--
	03/11/94	<PQL	<PQL	<PQL	<PQL	--	<PQL	--	--	--	--	--	--
	05/11/94	<PQL	<PQL	<PQL	<PQL	--	<PQL	--	--	--	--	--	--
	08/29/94	1	<PQL	<PQL	1	2	<PQL	--	--	--	--	--	--
	11/10/94	<PQL	<PQL	<PQL	<PQL	--	<PQL	--	--	--	--	--	--
	02/01/95	<PQL	<PQL	<PQL	<PQL	--	<PQL	--	--	--	--	--	--
	05/02/95	<PQL	<PQL	<PQL	<PQL	--	<PQL	--	--	--	--	--	--
	08/21/95	<PQL	<PQL	<PQL	<PQL	--	2	--	--	--	--	--	--
	11/09/95	<PQL	<PQL	<PQL	<PQL	--	<PQL	--	--	--	--	--	--
	02/09/96	<PQL	<PQL	<PQL	<PQL	--	<PQL	--	--	--	--	--	--
	05/13/96	<PQL	<PQL	<PQL	<PQL	--	<PQL	--	--	--	--	--	--
	07/18/06	<0.440	<0.540	<0.410	<1.23	--	300(C2)	--	--	--	--	--	--
	12/08/06	<0.610	<0.600	<0.460	<0.840	--	28.6	--	--	--	--	--	--
	08/10/16	0.10 U	0.50 U	0.50 U	1.0 U	--	0.52 1	--	--	--	--	--	--
MW-11	01/12/88	ND	ND	ND	ND	--	--	--	--	--	--	--	--
	04/26/88	ND	ND	ND	ND	--	ND	--	--	--	--	--	--
	07/20/88	ND	ND	ND	ND	--	ND	--	--	--	--	--	--
	10/11/88	<PQL	<PQL	<PQL	<PQL	--	88	<PQL	<PQL	--	--	--	6.6
	11/13/91	<PQL	<PQL	<PQL	<PQL	--	<PQL	--	--	--	--	--	--
	02/20/92	<PQL	<PQL	<PQL	<PQL	--	<PQL	--	--	--	--	--	--
	05/27/92	<PQL	<PQL	<PQL	<PQL	--	4	--	--	--	--	--	--

TABLE 2A: GROUNDWATER MONITORING WELL ANALYTICAL SUMMARY - VOCs and Metals

Facility Name: Texaco #24-110-0004-Mickler

Facility ID No.: 558515920

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 Cad- 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)
GCTLs		1**	40**	30**	20**	--	20	0.02**	3**	10**	5**	100**	15**
NADCs		100	400	300	200	--	200	2	300	100	50	1,000	150
MW-12	01/12/88	20	ND	ND	ND	20	--	--	--	--	--	--	--
	04/26/88	ND	ND	ND	ND	--	55	--	--	--	--	--	<5
	07/20/88	1	ND	ND	ND	1	22	BDL	--	--	--	--	--
	10/11/88	4	<PQL	<PQL	<PQL	4	25	<PQL	<PQL	--	--	--	<5
	11/13/91	<PQL	<PQL	<PQL	<PQL	--	<PQL	--	--	--	--	--	--
	02/20/92	<PQL	<PQL	<PQL	<PQL	--	<PQL	--	--	--	--	--	--
	05/27/92	<PQL	<PQL	<PQL	<PQL	--	<PQL	--	--	--	--	--	--
	05/06/93	<PQL	<PQL	<PQL	<PQL	--	<PQL	--	--	--	--	--	--
	08/24/93	7	ND	ND	ND	7	7	--	--	--	--	--	--
	11/29/93	8	<PQL	<PQL	<PQL	8	459	--	--	--	--	--	--
	03/11/93	3	<PQL	<PQL	<PQL	3	107	--	--	--	--	--	--
	03/30/94	5	<PQL	<PQL	<PQL	5	102	--	--	--	--	--	--
	05/11/94	1	<PQL	<PQL	<PQL	1	57	--	--	--	--	--	--
	08/29/04	2	<PQL	<PQL	<PQL	2	14	--	--	--	--	--	--
	11/10/94	3	<PQL	<PQL	<PQL	3	6	--	--	--	--	--	--
	02/01/95	1	<PQL	<PQL	<PQL	1	<PQL	--	--	--	--	--	--
	05/02/95	5	<PQL	<PQL	<PQL	5	4	--	--	--	--	--	--
	08/21/95	<PQL	<PQL	<PQL	<PQL	--	3	--	--	--	--	--	--
	11/09/95	<PQL	<PQL	<PQL	<PQL	--	<PQL	--	--	--	--	--	--
	02/09/96	<PQL	<PQL	<PQL	<PQL	--	<PQL	--	--	--	--	--	--
	05/13/96	<PQL	<PQL	<PQL	<PQL	--	<PQL	--	--	--	--	--	--
MW-19	05/06/93	<PQL	<PQL	<PQL	<PQL	--	<PQL	--	--	--	--	--	--
	02/05/98	<PQL	<PQL	<PQL	2	2	<PQL	--	--	--	--	--	--
MW-20	08/19/91	20	49	22	100	191	24	--	--	--	--	--	--
	10/15/92	<PQL	<PQL	<PQL	<PQL	--	--	--	--	--	--	--	--
	05/06/93	<PQL	<PQL	<PQL	<PQL	--	<PQL	--	--	--	--	--	--

TABLE 2A: GROUNDWATER MONITORING WELL ANALYTICAL SUMMARY - VOCs and Metals

Facility Name: Texaco #24-110-0004-Mickler

Facility ID No.: 558515920

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 Cad- 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)
GCTLs		1**	40**	30**	20**	--	20	0.02**	3**	10**	5**	100**	15**
NADCs		100	400	300	200	--	200	2	300	100	50	1,000	150
MW-21	11/13/91	<PQL	<PQL	<PQL	<PQL	--	31	--	--	--	--	--	--
	10/15/92	17	<PQL	<PQL	<PQL	17	--	--	--	--	--	--	--
	05/06/93	19	<PQL	<PQL	<PQL	19	25	--	--	--	--	--	--
	05/02/95	466	4	2	<PQL	472	85	--	--	--	--	--	--
	08/21/95	21	<PQL	<PQL	<PQL	21	12	--	--	--	--	--	--
	11/09/95	21	1	<PQL	<PQL	22	8	--	--	--	--	--	--
	02/09/96	23	<PQL	<PQL	<PQL	23	8	--	--	--	--	--	--
	05/13/96	29	<PQL	<PQL	<PQL	29	7	--	--	--	--	--	--
	12/16/96	17	<PQL	<PQL	<PQL	17	5	--	--	--	--	--	--
	03/26/97	16	<PQL	<PQL	<PQL	16	6	--	--	--	--	--	--
	06/24/97	10	<PQL	<PQL	<PQL	10	7	--	--	--	--	--	--
	07/18/97	16	<PQL	<PQL	<PQL	16	5	--	--	--	--	--	--
	09/23/97	26	2	2	10	40	5	--	--	--	--	--	--
	02/05/98	8	<PQL	<PQL	1	9	3	--	--	--	--	--	--
	09/26/00	<PQL	<PQL	<PQL	<PQL	--	<PQL	--	--	--	--	--	--
	02/07/01	<PQL	<PQL	<PQL	<PQL	--	<PQL	--	--	--	--	--	--
	05/14/01	<PQL	<PQL	<PQL	<PQL	--	<PQL	--	--	--	--	--	--
	08/06/01	<PQL	<PQL	<PQL	<PQL	--	<PQL	--	--	--	--	--	--
	11/20/01	<1	<1	<1	<1	--	<1	--	--	--	--	--	--
	09/19/02	<1	<1	<1	<1	--	<1	--	--	--	--	--	--
	12/10/02	<1	<1	<1	<1	--	<1	--	--	--	--	--	--

TABLE 2A: GROUNDWATER MONITORING WELL ANALYTICAL SUMMARY - VOCs and MetalsFacility Name: **Texaco #24-110-0004-Mickler**Facility ID No.: **558515920**

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 Cad- 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)
GCTLs		1**	40**	30**	20**	--	20	0.02**	3**	10**	5**	100**	15**
NADCs		100	400	300	200	--	200	2	300	100	50	1,000	150
MW-22	11/13/91	<PQL	<PQL	<PQL	<PQL	--	<PQL	--	--	--	--	--	--
	10/15/92	<PQL	<PQL	<PQL	<PQL	--	--	--	--	--	--	--	--
	05/06/93	<PQL	<PQL	<PQL	<PQL	--	<PQL	--	--	--	--	--	--
MW-23	11/13/91	8	<PQL	<PQL	24	32	11	--	--	--	--	--	--
	10/15/92	3	<PQL	<PQL	<PQL	3	NS	--	--	--	--	--	--
	05/06/93	4	<PQL	<PQL	26	30	<PQL	--	--	--	--	--	--
	12/16/96	<PQL	<PQL	<PQL	<PQL	--	<PQL	--	--	--	--	--	--
	03/26/97	<PQL	<PQL	<PQL	7	7	<PQL	--	--	--	--	--	--
	06/24/97	<PQL	<PQL	<PQL	<PQL	--	<PQL	--	--	--	--	--	--
	07/18/97	<PQL	<PQL	<PQL	<PQL	--	<PQL	--	--	--	--	--	--
	09/23/97	2	2	2	16	22	--	--	--	--	--	--	--
	02/05/98	<PQL	<PQL	<PQL	4	4	<PQL	--	--	--	--	--	--
MW-24	03/24/05	<0.05	<0.05	<0.05	<1	--	1.9	--	--	--	--	--	--
MW-24R	01/11/17	0.20 I	0.50 U	0.50 U	1.5 U	4.1	3.9	--	--	--	--	--	--
MW-25	03/24/05	<0.05	<0.05	<0.05	<1	--	<0.5	--	--	--	--	--	--
	09/06/05	0.59(I)	3.2	0.93(I)	6	10.72	0.63(I)	--	--	--	--	--	--
MW-25R	01/11/17	1410	5690	2090	9260	18450	1.1	--	--	--	--	--	--
MW-26	07/19/06	64.1	248	1680	8820	10812.1	4.54(C2)	--	--	--	--	--	--
	01/23/14	0.89 I	0.70 I	6.0	21	0.74 I	54 U	--	--	--	--	--	--
	08/11/16	1.4	0.50 U	3.1	39.5	44	0.50 U	--	--	--	--	--	--
	06/09/23	0.25 U	0.25 U	2.7	50	52.7	0.25 U	--	--	--	--	--	--
MW-27	07/19/06	193	4240	3780	13300	21513	67.6(C2)	--	--	--	--	--	--
	01/23/14	190	66	540	4100	4896	15 U	--	--	--	--	--	--
	08/11/16	197	142	1220	8580	10139	3.7	--	--	--	--	--	--
	06/09/23	60	50	440	3400	3950	0.75 U	--	--	--	--	--	--
MW-28	07/19/06	<0.440	<0.540	<0.410	<1.23	--	8.37(C2)	--	--	--	--	--	--
	01/23/14	0.34 U	0.70 U	0.50 U	1.6 U	--	0.74 U	--	--	--	--	--	--
	08/11/16	0.10 U	0.50 U	0.50 U	1.0 U	--	0.50 U	--	--	--	--	--	--
MW-29	07/19/06	<0.440	<0.540	<0.410	<1.23	--	0.707(C2)	--	--	--	--	--	--
MW-30	12/08/06	<0.610	<0.600	<0.460	<0.840	--	<0.380	--	--	--	--	--	--
	08/10/16	0.10 U	0.50 U	0.50 U	1.0 U	--	0.50 U	--	--	--	--	--	--
MW-31	12/08/06	<0.610	<0.600	<0.460	<0.840	--	<0.380	--	--	--	--	--	--
	08/11/16	0.10 U	0.50 U	0.50 U	1.0 U	--	0.50 U	--	--	--	--	--	--
MW-32	12/08/06	<0.610	<0.600	<0.460	<0.840	--	<0.380	--	--	--	--	--	--
	08/11/16	0.10 U	0.50 U	0.50 U	1.0 U	--	0.50 U	--	--	--	--	--	--
	06/09/23	0.25 U	0.25 U	0.25 U	0.75 U	--	0.25 U	--	--	--	--	--	--

TABLE 2A: GROUNDWATER MONITORING WELL ANALYTICAL SUMMARY - VOCs and MetalsFacility Name: **Texaco #24-110-0004-Mickler**Facility ID No.: **558515920**

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 Cad- 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)
GCTLs		1**	40**	30**	20**	--	20	0.02**	3**	10**	5**	100**	15**
NADCs		100	400	300	200	--	200	2	300	100	50	1,000	150
MW-33	12/08/06	<0.610	<0.600	<0.460	<0.840	--	23	--	--	--	--	--	--
	08/11/16	0.10 U	0.50 U	0.50 U	1.0 U	--	5.2	--	--	--	--	--	--
	06/09/23	0.25 U	0.25 U	0.25 U	0.75 U	--	0.25 U	--	--	--	--	--	--
MW-34	12/08/06	<0.610	<0.600	<0.460	<0.840	--	<0.380	--	--	--	--	--	--
	08/10/16	0.82 I	0.50 U	0.50 U	1.0 U	0.82	0.50 U	--	--	--	--	--	--
	06/09/23	0.25 U	0.25 U	0.25 U	0.75 U	--	0.25 U	--	--	--	--	--	--
DW-1	11/13/91	<PQL	<PQL	<PQL	<PQL	--	5	--	--	--	--	--	--
	10/15/92	8	<PQL	<PQL	<PQL	8	NS	--	--	--	--	--	--
	05/02/95	30	<PQL	<PQL	<PQL	30	15	--	--	--	--	--	--
	08/21/95	<PQL	<PQL	<PQL	<PQL	--	<PQL	--	--	--	--	--	--
	11/09/95	21	I	<PQL	<PQL	22	8	--	--	--	--	--	--
	02/09/96	331	I	7	20	359	83	--	--	--	--	--	--
	05/13/96	129	I	7	37	173	47	--	--	--	--	--	--
	12/16/96	92	<PQL	14	67	173	70	--	--	--	--	--	--
	03/26/97	11	3	<PQL	<PQL	14	54	--	--	--	--	--	--
	06/24/97	5	<PQL	<PQL	<PQL	5	125	--	--	--	--	--	--
	06/24/97 (DUP)	4	<PQL	<PQL	<PQL	4	100	--	--	--	--	--	--
	07/18/97	I	<PQL	<PQL	<PQL	I	83	--	--	--	--	--	--
	07/18/97 (DUP)	I	<PQL	<PQL	<PQL	I	84	--	--	--	--	--	--
	09/23/97	4	<PQL	<PQL	3	7	110	--	--	--	--	--	--
	09/23/97 (DUP)	4	<PQL	<PQL	3	7	110	--	--	--	--	--	--
	02/05/98	<PQL	I	I	2	4	71	--	--	--	--	--	--
	02/05/98 (DUP)	<PQL	I	I	2	4	74	--	--	--	--	--	--
	09/26/00	<PQL	<PQL	<PQL	<PQL	--	<PQL	--	--	--	--	--	--
	02/07/01	<PQL	<PQL	<PQL	<PQL	--	<PQL	--	--	--	--	--	--
	05/14/01	<PQL	<PQL	<PQL	<PQL	--	<PQL	--	--	--	--	--	--
	08/06/01	<I	<I	<I	<I	--	<I	--	--	--	--	--	--
	11/20/01	<I	<I	<I	<I	--	<I	--	--	--	--	--	--
	09/19/02	<I	<I	<I	<I	--	<I	--	--	--	--	--	--
DW-2	12/28/92	<PQL	<PQL	<PQL	<PQL	--	<PQL	--	--	--	--	--	--
	05/06/03	<PQL	<PQL	<PQL	<PQL	--	<PQL	--	--	--	--	--	--
DW-3	03/24/05	0.53 I	26	17	99	143	2	--	--	--	--	--	--
	07/19/06	<0.440	<0.540	<0.410	<1.23	--	<1.40(C2)	--	--	--	--	--	--
	08/11/16	0.10 U	0.50 U	0.50 U	1.0 U	--	0.50 U	--	--	--	--	--	--
DW-4	12/08/06	1.4	99.1	54	284	438.5	I	--	--	--	--	--	--
	08/11/16	0.10 U	0.50 U	0.50 U	1.0 U	--	0.50 U	--	--	--	--	--	--
	06/09/23	0.25 U	0.25 U	0.25 U	0.75 U	--	0.25 U	--	--	--	--	--	--

TABLE 2A: GROUNDWATER MONITORING WELL ANALYTICAL SUMMARY - VOCs and Metals

Facility Name: Texaco #24-110-0004-Mickler

Facility ID No.: 558515920

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 Cad- 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)
GCTLs		1**	40**	30**	20**	--	20	0.02**	3**	10**	5**	100**	15**
NADCs		100	400	300	200	--	200	2	300	100	50	1,000	150
RW-1	08/09/91	5900	34000	3400	21000	64300	360	--	--	--	--	--	--
	09/24/91	1300	3900	520	3300	9020	150	--	--	--	--	--	--
	09/30/91	1200	2800	400	2400	6800	130	--	--	--	--	--	--
	10/11/91	950	2600	340	2400	6290	150	--	--	--	--	--	--
	10/16/91	800	2300	360	2300	5760	120	--	--	--	--	--	--
	11/13/91	530	1500	250	1900	4180	69	--	--	--	--	--	--
	12/20/91	1100	6000	5700	2200	15000	120	--	--	--	--	--	--
	01/07/92	790	3300	350	4900	9340	<PQL	--	--	--	--	--	--
	02/20/92	270	270	110	1300	1950	54	--	--	--	--	--	--
	03/05/92	280	460	98	1300	2138	64	--	--	--	--	--	--
	04/20/92	350	1300	170	1700	3520	61	--	--	--	--	--	--
	05/27/92	200	310	68	960	1536	46	--	--	--	--	--	--
	06/25/92	2400	15000	950	16000	34350	130	--	--	--	--	--	--
	07/29/92	240	870	120	160	1390	34	--	--	--	--	--	--
	08/27/92	260	650	90	1200	2200	<PQL	--	--	--	--	--	--
	09/30/92	1400	11000	800	9400	22600	62	--	--	--	--	--	--
	10/29/92	2400	22000	1900	19000	45300	<PQL	--	--	--	--	--	--
	12/01/92	290	810	140	1500	2740	<PQL	--	--	--	--	--	--
	03/11/94	299	1860	333	2000	4492	9	--	--	--	--	--	--
	03/30/94	266	1410	282	1630	3588	12	--	--	--	--	--	--
	04/05/94	271	1535	285	1760	3851	13	--	--	--	--	--	--
	05/11/94	425	<PQL	481	2850	3756	10	--	--	--	--	--	--
	06/03/94	205	728	80	933	1948	23	--	--	--	--	--	--
	07/20/94	981	13200	1210	174700	190091	48	--	--	--	--	--	--
	08/29/94	746	9740	1560	10600	22646	<PQL	--	--	--	--	--	--
	11/10/94	194	714	191	1240	2339	15	--	--	--	--	--	--
	02/01/95	524	1420	452	1950	4346	14	--	--	--	--	--	--
	03/08/95	352	1480	330	1820	3982	16	--	--	--	--	--	--
	04/05/95	330	2330	369	3270	6299	<PQL	--	--	--	--	--	--
	05/02/95	189	297	98	684	1268	13	--	--	--	--	--	--
	06/05/95	198	382	167	457	1204	16	--	--	--	--	--	--
	07/10/95	547	4920	540	4560	10667	<PQL	--	--	--	--	--	--
	08/21/95	449	1850	486	2000	4785	8	--	--	--	--	--	--
	09/28/95	445	1980	420	2680	5525	14	--	--	--	--	--	--
	10/19/95	198	760	256	1590	2804	16	--	--	--	--	--	--
	11/09/95	357	1670	425	2200	4652	8	--	--	--	--	--	--
	12/21/96	627	3560	426	2460	7073	<PQL	--	--	--	--	--	--
	01/21/96	114	158	65	475	812	12	--	--	--	--	--	--

TABLE 2A: GROUNDWATER MONITORING WELL ANALYTICAL SUMMARY - VOCs and MetalsFacility Name: **Texaco #24-110-0004-Mickler**Facility ID No.: **558515920**

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 Cad- 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)
GCTLs		1**	40**	30**	20**	--	20	0.02**	3**	10**	5**	100**	15**
NADCs		100	400	300	200	--	200	2	300	100	50	1,000	150
RW-1 CONT'D	02/09/96	99	94	59	301	553	14	--	--	--	--	--	--
	03/04/96	166	537	183	961	1847	22	--	--	--	--	--	--
	04/24/96	<PQL	1	<PQL	<PQL	1	<PQL	--	--	--	--	--	--
	05/13/96	1	3	<PQL	3	7	2	--	--	--	--	--	--
	06/10/96	71	261	40	363	735	9	--	--	--	--	--	--
	07/22/96	71	261	40	363	735	9	--	--	--	--	--	--
	12/16/96	64	156	61	369	650	<PQL	--	--	--	--	--	--
	01/16/97	5	4	7	35	51	<PQL	--	--	--	--	--	--
	02/03/97	26	41	22	135	224	7	--	--	--	--	--	--
	03/26/97	69	100	27	180	376	<PQL	--	--	--	--	--	--
	06/24/97	290	330	660	1140	2420	16	--	--	--	--	--	--
	07/18/97	5	5	4	19	33	4	--	--	--	--	--	--
	08/25/97	500	2400	480	3080	6460	<PQL	--	--	--	--	--	--
	09/23/97	76	14	55	320	591	<PQL	--	--	--	--	--	--
	02/05/98	175	947	268	1934	3324	<PQL	--	--	--	--	--	--
	09/19/02	2	5	2	34	43	2	--	--	--	--	--	--
	12/18/02	1	<1	<1	3	4	2	--	--	--	--	--	--
	03/23/04	<1	<1	<1	<3	--	<1	--	--	--	--	--	--
	06/17/04	81	314	278	1540	2513	<10	--	--	--	--	--	--
	09/27/04	55	320	158	1540	2073	<10	--	--	--	--	--	--
	12/06/04	1	1	1	9	12	5	--	--	--	--	--	--
	09/06/05	37	31	61	280	409	1.7(1)	--	--	--	--	--	--
TEX-13	10/11/88	210	470	560	1600	2840	38	<PQL	<PQL	--	--	--	44
TEX-14	10/11/88	10000	45000	6200	33000	94200	1100	0.31	<PQL	--	--	--	34
TEX-15	10/11/88	FP											
TEX-16	10/11/88	9000	29000	6100	29000	73100	6700	0.13	<PQL	--	--	--	7.4
TEX-17	10/11/88	7700	37000	3400	21000	69100	5400	0.14	<PQL	--	--	--	46
TEX-18	10/11/88	320	550	440	3000	4310	<PQL	<PQL	<PQL	--	--	--	47

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.

Total VOAs = Total volatile organic aromatics

MTBE = Methyl tert-butyl ether

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

U = Indicates the compound was analyzed for but not detected.

1 = The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit.

Bold = The value exceeds the Cleanup Target Level

Historical data copied verbatim.

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

See notes at end of table.

Facility Name: Texaco #24-110-0004-Mickler Facility ID No.: 558515920

Sample	TRPHs	Naphthalene	1-Methyl-naphthalene	2-Methyl-naphthalene	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)
GCTLs		5,000	14	28	28	210	2,100	2,100	280	280	210	210	0.2***	0.05 ^a	0.05 ^a	0.5	4.8	0.005 ^a	0.05 ^a
	NADCs	50,000	140	280	280	200	2,100	2,100	2,800	2,800	2,100	2,100	20	5	5	50	480	0.5	5
MW-1	05/06/93	--	<2.0	<2.0	<2.0	<2.0	<3.0	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
MW-2	05/06/93	--	<2.0	<2.0	<2.0	<2.0	<3.0	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
MW-3	05/06/93	--	<2.0	<2.0	<2.0	<2.0	<3.0	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
MW-4	03/20/03	--	<PQL	<1	<1	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	05/06/93	--	<2.0	<2.0	<2.0	<2.0	<3.0	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	07/18/06	94.3(S10)	<0.0321	<0.0519	<0.0575	--	--	--	0.025 U	0.025 U	0.050 U	0.025 U	0.113	--	0.16	0.025 U	--	<0.0208	0.09
	08/11/16	230	1.0 U	1.0 U	1.0 U	0.025 U	0.025 U	0.028 U	0.025 U	0.025 U	0.16 U	0.34	0.43	0.25	0.78	0.025 U	0.025 U	0.025 U	0.025 U
	06/09/23	2000	0.19 U	0.20 U	0.20 U	0.16 U	0.17 U	0.53	0.40	0.15 U	0.16 U	0.34	0.43	0.25	0.78	0.28	0.42	0.095 U	0.50
MW-5	05/06/93	--	<2.0	<2.0	<2.0	<2.0	<3.0	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	07/18/06	12(S10)	<0.0321	<0.0519	<0.0575	--	--	--	--	--	--	--	0.16	--	0.283	--	--	<0.0208	0.16
	12/08/06	962	<0.329	0.502(l)	<0.310	--	--	--	--	--	--	--	0.762	--	0.858	--	--	0.773	0.623
	08/11/16	580	1.0 U	1.0 U	1.0 U	0.025 U	0.025 U	0.028 U	0.0371	0.025 U	0.050 U	0.0331	0.025 U	0.025 U	0.0461	0.025 U	0.0541	0.025 U	0.025 U
	06/09/23	--	0.19 U	0.20 U	0.20 U	0.16 U	0.17 U	0.34	0.68	0.15 U	0.181	0.52	0.30	0.161	0.68	0.23	0.37	0.095 U	0.34
MW-6	05/06/93	--	160	<2.0	<2.0	<2.0	<3.0	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	03/20/03	--	<PQL	<1	<1	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-6R	07/18/06	2590	1.57	<0.0519	<0.0575	--	--	--	--	--	--	--	<0.0425	--	<0.0226	--	--	<0.0208	<0.0321
	08/11/16	2200	2.7	1.0 U	1.0 U	0.025 U	0.025 U	0.028 U	0.025 U	0.025 U	0.050 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
MW-7R	05/06/93	--	1200	36	76	<2.0	<3.0	<0.5	1.1	2.9	3.8	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	09/06/05	--	230	330	1300	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	08/11/16	1700	45.4	10.9	17.9	0.261	0.0691	0.028 U	0.0251	0.341	0.050 U	0.0261	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
	06/09/23	--	10	6.2	9.9	0.16 U	0.17 U	0.19 U	0.15 U	0.15 U	0.16 U	0.14 U	0.15 U	0.049 U	0.050 U	0.19 U	0.13 U	0.095 U	0.045 U
MW-8	05/06/93	--	<2.0	<2.0	<2.0	<2.0	<3.0	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	07/18/06	94.3(S10)	<0.0321	<0.0519	<0.0575	--	--	--	--	--	--	--	0.151	--	0.226	--	--	<0.066(l)	0.17
	08/10/16	910	1.0 U	1.0 U	1.0 U	0.025 U	0.025 U	0.028 U	0.025 U	0.025 U	0.050 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
	06/09/23	1200	0.19 U	0.20 U	0.20 U	0.16 U	0.17 U	0.19 U	0.15 U	0.15 U	0.16 U	0.14 U	0.15 U	0.049 U	0.050 U	0.19 U	0.13 U	0.095 U	0.045 U
MW-9	05/06/93	--	<2.0	<2.0	<2.0	<2.0	<3.0	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	07/18/06	94.3(S10)	<0.0321	<0.0519	<0.0575	--	--	--	--	--	--	--	<0.0425	--	<0.0226	--	--	<0.0208	<0.0321
	08/11/16	80 U	1.0 U	1.0 U	1.0 U	0.025 U	0.025 U	0.028 U	0.025 U	0.025 U	0.050 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U

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

Facility Name: Texaco #24-110-0004-Mickler Facility ID No.: 558515920 See notes at end of table.

Sample	TRPHs	Naphthalene	1-Methyl-naphthalene	2-Methyl-naphthalene	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	(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)
GCTLs	5,000	14	28	28	20	210	2,100	2,100	280	280	210	210	0.2***	0.05 ³	0.05 ³	0.5	4.8	0.005 ³	0.05 ²
NADCs	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
MW-10	--	<2.0	<2.0	<2.0	<2.0	<3.0	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
05/06/93	94.3(S10)	0.0472(I)	<0.0519	<0.0575	--	--	--	--	--	--	--	--	0.33	--	0.519	--	--	0.142	0.396
07/18/06	1200	1.0 U	1.0 U	1.0 U	0.025 U	0.025 U	0.025 U	0.028 U	0.0521	0.025 U	0.050 U	0.0441	0.025 U	0.025 U	0.0591	0.025 U	0.0571	0.025 U	0.025 U
08/10/16	--	0.19 U	0.20 U	0.20 U	0.16 U	0.17 U	0.14 U	0.19 U	0.15 U	0.15 U	0.16 U	0.14 U	0.15 U	0.049 U	0.23	0.19 U	0.13 U	0.095 U	0.045 U
06/09/23																			
MW-12	--	<2.0	<2.0	<2.0	<2.0	<3.0	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
05/06/93	--	<2.0	<2.0	<2.0	<2.0	<3.0	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
MW-19	--	<2.0	<2.0	<2.0	<2.0	<3.0	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
05/06/93	--	<2.0	<2.0	<2.0	<2.0	<3.0	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
MW-20	--	<2.0	<2.0	<2.0	<2.0	<3.0	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
05/06/93	--	<2.0	<2.0	<2.0	<2.0	<3.0	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
MW-21	--	<2.0	<2.0	<2.0	<2.0	<3.0	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
05/06/93	--	<2.0	<2.0	<2.0	<2.0	<3.0	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
MW-22	--	<2.0	<2.0	<2.0	<2.0	<3.0	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
05/06/93	--	<2.0	<2.0	<2.0	<2.0	<3.0	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
MW-23	--	<2.0	<2.0	<2.0	<2.0	<3.0	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
05/06/93	--	<2.0	<2.0	<2.0	<2.0	<3.0	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
MW-24R	6500	1.0 U	1.0 U	1.0 U	0.025 U	0.025 U	0.025 U	0.028 U	0.025 U	0.025 U	0.050 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
01/11/17	1400	1.91	1.0 U	1.0 U	0.025 U	0.025 U	0.025 U	0.028 U	0.161	0.025 U	0.050 U	0.0961	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
01/11/17																			
MW-26	9540	4.64	0.302	0.453	--	--	--	--	--	--	--	--	<0.0425	--	<0.0226	--	--	<0.0208	<0.0321
07/19/06	720	4.1	1.0 U	1.0 U	0.025 U	0.025 U	0.025 U	0.028 U	0.025 U	0.025 U	0.050 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
08/11/16	780	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
06/09/23																			
MW-27	14900	148	13.7	26.9	--	--	--	--	--	--	--	--	<0.180	--	<0.0960	--	--	<0.0880	<0.136
07/19/06	10900	73.4	6.0	10	0.0621	0.025 U	0.025 U	0.028 U	0.0261	0.0511	0.050 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
08/11/16	3800	43	3.9	6.8	0.16 U	0.17 U	0.14 U	0.19 U	0.15 U	0.15 U	0.16 U	0.14 U	0.15 U	0.049 U	0.050 U	0.19 U	0.13 U	0.095 U	0.045 U
06/09/23																			
MW-28	94.3(S10)	<0.136	<0.220	<0.244	--	--	--	--	--	--	--	--	<0.180	--	<0.0960	--	--	<0.0880	<0.136
07/19/06	720	1.0 U	1.0 U	1.0 U	0.025 U	0.025 U	0.025 U	0.025 U	0.0271	0.025 U	0.050 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
08/11/16	0.707(C2)	6.10	0.0943	<0.0519	--	--	--	--	--	--	--	--	<0.0575	--	<0.0226	--	--	<0.0208	<0.0321
MW-29	179 (I)	<0.337	<0.240	<0.317	--	--	--	--	--	--	--	--	<0.0673	--	<0.0673	--	--	<0.144	<0.135
12/08/06	80 U	1.0 U	1.0 U	1.0 U	0.025 U	0.025 U	0.025 U	0.028 U	0.025 U	0.025 U	0.050 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
08/10/16																			
MW-31	<114	<0.337	<0.240	<0.317	--	--	--	--	--	--	--	--	<0.0673	--	<0.0769	--	--	0.159 (I)	<0.135
12/08/06	80 U	1.0 U	1.0 U	1.0 U	0.025 U	0.025 U	0.025 U	0.028 U	0.025 U	0.025 U	0.050 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
08/11/16																			

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

Facility Name: Texaco #24-110-0004-Mickler Facility ID No.: 558515920 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)
GCTLs	5,000	14	28	28	20	210	2,100	210	280	280	210	210	0.2**	0.05 ³	0.05 ³	0.5	4.8	0.005 ³	0.05 ²
	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
	<114	<0.330	<0.236	<0.311	--	--	--	--	--	--	--	--	<0.0660	--	<0.0755	--	--	<0.0142	<0.132
NADCs	80 U	1.0 U	1.0 U	1.0 U	0.025 U	0.025 U	0.025 U	0.028 U	0.025 U	0.025 U	0.050 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
	600 U	0.19 U	0.20 U	0.20 U	0.16 U	0.17 U	0.14 U	0.19 U	0.15 U	0.15 U	0.16 U	0.14 U	0.15 U	0.049 U	0.050 U	0.19 U	0.13 U	0.095 U	0.045 U
MW-32	12/08/06																		
	08/11/16																		
	06/09/23																		
MW-33	12/08/06																		
	08/11/16																		
	06/09/23																		
MW-34	12/08/06																		
	08/10/16																		
	06/09/23																		
DW-2	05/06/93	--	<2.0	<2.0	<2.0	<3.0	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	07/19/06	94.3 (S10)	<0.0321	<0.0519	<0.0575	--	--	--	--	--	--	--	<0.0425	--	<0.0226	--	--	<0.0208	<0.0321
	08/11/16	400	1.0 U	1.0 U	1.0 U	0.025 U	0.025 U	0.028 U	0.025 U	0.025 U	0.050 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
DW-4	12/08/06	889	<1.04	<0.720	16	--	--	--	--	--	--	--	0.196 (I)	--	0.160 (I)	--	--	0.426	<0.280
	08/11/16	80 U	1.0 U	1.0 U	1.0 U	0.025 U	0.025 U	0.028 U	0.025 U	0.025 U	0.050 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U

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.

TRPH = Total recoverable petroleum hydrocarbons.

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

³ = 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 = Indicates 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.

Bold = The value exceeds the Cleanup Target Level

Historical data copied verbatim.

APPENDIX B



Advanced Environmental Laboratories, Inc
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FINAL

Workorder: Texaco #24-110-0004-Mickler (J2308371)

June 21, 2023

Kevin Doyle
Ecotech
3260 NW 23 Ave
STE 1400E
Pompano Beach, FL 33069

RE: Workorder: J2308371 Texaco #24-110-0004-Mickler

Dear Kevin Doyle:

Enclosed are the analytical results for sample(s) received by the laboratory on Friday June 9, 2023. 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,

Paul Gunsaulies
PGunsaulies@aellab.com

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Workorder: Texaco #24-110-0004-Mickler (J2308371)

Sample Summary

Lab ID	Sample ID	Matrix	Method	Date Collected	Date Received	Analytes Reported	Basis
J2308371001	MW-4	WA	FL-PRO	06/09/2023 10:57	06/09/2023 14:34	1	NA
J2308371001	MW-4	WA	SW-846 6010	06/09/2023 10:57	06/09/2023 14:34	1	NA
J2308371001	MW-4	WA	SW-846 8260D	06/09/2023 10:57	06/09/2023 14:34	5	NA
J2308371001	MW-4	WA	SW-846 8270C (SIM)	06/09/2023 10:57	06/09/2023 14:34	18	NA
J2308371002	MW-5	WA	SW-846 8270C (SIM)	06/09/2023 10:21	06/09/2023 14:34	18	NA
J2308371003	MW-7R	WA	SW-846 6010	06/09/2023 12:19	06/09/2023 14:34	1	NA
J2308371003	MW-7R	WA	SW-846 8260D	06/09/2023 12:19	06/09/2023 14:34	5	NA
J2308371003	MW-7R	WA	SW-846 8270C (SIM)	06/09/2023 12:19	06/09/2023 14:34	18	NA
J2308371004	MW-8	WA	FL-PRO	06/09/2023 13:31	06/09/2023 14:34	1	NA
J2308371004	MW-8	WA	SW-846 6010	06/09/2023 13:31	06/09/2023 14:34	1	NA
J2308371004	MW-8	WA	SW-846 8260D	06/09/2023 13:31	06/09/2023 14:34	5	NA
J2308371004	MW-8	WA	SW-846 8270C (SIM)	06/09/2023 13:31	06/09/2023 14:34	18	NA
J2308371005	MW-10	WA	SW-846 8270C (SIM)	06/09/2023 07:33	06/09/2023 14:34	18	NA
J2308371006	MW-26	WA	FL-PRO	06/09/2023 12:52	06/09/2023 14:34	1	NA
J2308371006	MW-26	WA	SW-846 8260D	06/09/2023 12:52	06/09/2023 14:34	5	NA
J2308371007	MW-27	WA	FL-PRO	06/09/2023 11:54	06/09/2023 14:34	1	NA
J2308371007	MW-27	WA	SW-846 8260D	06/09/2023 11:54	06/09/2023 14:34	5	NA
J2308371007	MW-27	WA	SW-846 8270C (SIM)	06/09/2023 11:54	06/09/2023 14:34	18	NA
J2308371008	MW-32	WA	FL-PRO	06/09/2023 08:09	06/09/2023 14:34	1	NA
J2308371008	MW-32	WA	SW-846 8260D	06/09/2023 08:09	06/09/2023 14:34	5	NA
J2308371008	MW-32	WA	SW-846 8270C (SIM)	06/09/2023 08:09	06/09/2023 14:34	18	NA
J2308371009	MW-33	WA	FL-PRO	06/09/2023 08:44	06/09/2023 14:34	1	NA
J2308371009	MW-33	WA	SW-846 8260D	06/09/2023 08:44	06/09/2023 14:34	5	NA
J2308371009	MW-33	WA	SW-846 8270C (SIM)	06/09/2023 08:44	06/09/2023 14:34	18	NA
J2308371010	MW-34	WA	FL-PRO	06/09/2023 14:01	06/09/2023 14:34	1	NA
J2308371010	MW-34	WA	SW-846 8260D	06/09/2023 14:01	06/09/2023 14:34	5	NA
J2308371010	MW-34	WA	SW-846 8270C (SIM)	06/09/2023 14:01	06/09/2023 14:34	18	NA
J2308371011	DW-4	WA	SW-846 8260D	06/09/2023 11:26	06/09/2023 14:34	5	NA

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Workorder: Texaco #24-110-0004-Mickler (J2308371)

Workorder Summary

Batch Comments

MSSj/3138 - 8270C Analysis,Water,SIM Only

The relative percent difference (RPD) for Dibenzo[a,h]anthracene and Benzo[g,h,i]perylene between the Laboratory Control Sample (LCS) and the Laboratory Control Sample Duplicate (LCSD) was outside control criteria due to relatively higher spike recovery in the LCS in comparison with the LCSD. Spike recoveries in the LCS and LCSD were within acceptable limits, indicating the analytical batch was in control. No further corrective action was required.

MSVj/7024 - 8260D Analysis,Water

Samples J2307914001 and J2307916001 were analyzed at the lowest possible dilution due to a non-water miscible sample matrix that required mid-level Methanol extraction.

J2307914001 and J2307916001 required an additional dilution due to the presence of a foamy sample matrix (surfactants). The dilution was necessary to prevent foam over during the purge cycle, resulting in instrument damage.

J2308402001 was analyzed at low level dilution due to an excessive amount of sediment at the bottom of the vial.

The samples J2308371001 and -007 were diluted prior to instrumental analysis. The extracts were highly colored which indicated the need to perform a dilution prior to injection into the instrument.

J2308371003, -007, and J2308437001 were analyzed/reanalyzed at dilution due to high target analyte levels. The lowest possible dilution was performed to allow the analyte value to be within the calibration curve's highest level and to prevent possible carry over in the following sample analyses.

The relative percent difference (RPD) for several target analytes between the Laboratory Control Sample (LCS) and the Laboratory Control Sample Duplicate (LCSD) was outside control criteria due to relatively higher spike recovery in 4831757-LCS in comparison with 4831758-LCSD. Spike recoveries in the LCS and LCSD were within acceptable limits, indicating the analytical batch was in control. No further corrective action was required.

The Continuing Calibration Verification (CCV) standards were below the method acceptance of 80-120% for 2-Nitropropane. However, a Method Reporting Limit (MRL) standard was run at the end of the analytical sequence. Since the analytes in question were detected in the MRL standard, instrument sensitivity was documented. As the analytes in question were not detected in the field samples, the results are deemed acceptable.

The upper control criterion was exceeded for Acetone in Continuing Calibration Verification (CCV) standards for analytical batch 7024, indicating increased sensitivity. The client samples reported in this batch did not contain the analytes in question. Since the apparent problem equates to a potential high bias, the data quality is not affected. No further corrective action was required.

Task Comments

J2308371006 (MW-26) - GCSj/4962 - FL-PRO Analysis,Water

The control criteria were exceeded for surrogate o-Terphenyl in J2308371004. The associated QC analysis recoveries of target compounds were in control, indicating the analysis was in control. The surrogate outliers were flagged accordingly. No further corrective action was required.

J2308371007 (MW-27) - GCSj/4962 - FL-PRO Analysis,Water

The control criteria were exceeded for surrogate o-Terphenyl in J2308371007. The associated QC analysis recoveries of target compounds were in control, indicating the analysis was in control. The surrogate outliers were flagged accordingly. No further corrective action was required.

J2308371007 (MW-27) - MSSj/3138 - 8270C Analysis,Water,SIM Only

The lower control criteria were exceeded for the recovery of the surrogate p-Terphenyl-d14 in J2308371007. As recorded in the extraction logbook, the sample formed emulsions in the solvent layer during the extraction. Such emulsions are known to negatively affect surrogate yields. The affected surrogates were qualified to indicate matrix interference.

Analysis Results Comments

J2308371006 (MW-26) - o-Terphenyl

J4|Estimated Result

J2308371007 (MW-27) - o-Terphenyl

J4|Estimated Result

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Workorder: Texaco #24-110-0004-Mickler (J2308371)

Workorder Summary

Analysis Results Comments

J2308371007 (MW-27) - p-Terphenyl-d14

J4|Estimated Result

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Workorder: Texaco #24-110-0004-Mickler (J2308371)

Analytical Results Qualifiers

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.
J3	Lab QC Failure

Lab Qualifiers

J	DOH Certification #E82574 (FL NELAC) AEL-Jacksonville DOD-ELAP Certification #L21-470 (ISO/IEC 17025:2017) AEL-Jacksonville

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Workorder: Texaco #24-110-0004-Mickler (J2308371)

Analytical Results

Lab ID: J2308371001			Date Collected: 06/09/2023 10:57	Matrix: Water				
Sample ID: MW-4			Date Received: 06/09/2023 14:34					
Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
METALS (SW-846 3010A/SW-846 6010)								
Lead	0.0037 I	mg/L	0.012	0.0030	1	06/14/2023 04:30	06/14/2023 16:21	J
SEMIVOLATILES (FL-PRO)								
TPH	2000	ug/L	680	600	1	06/16/2023 08:30	06/20/2023 08:01	J
SEMIVOLATILES (SW-846 3510C/SW-846 8270C (SIM))								
1-Methylnaphthalene	0.20 U	ug/L	0.20	0.20	1	06/16/2023 08:30	06/19/2023 20:50	J
2-Methylnaphthalene	0.20 U	ug/L	0.20	0.20	1	06/16/2023 08:30	06/19/2023 20:50	J
Acenaphthene	0.16 U	ug/L	0.20	0.16	1	06/16/2023 08:30	06/19/2023 20:50	J
Acenaphthylene	0.17 U	ug/L	0.20	0.17	1	06/16/2023 08:30	06/19/2023 20:50	J
Anthracene	0.14 U	ug/L	0.20	0.14	1	06/16/2023 08:30	06/19/2023 20:50	J
Benzo[a]anthracene	0.25	ug/L	0.20	0.049	1	06/16/2023 08:30	06/19/2023 20:50	J
Benzo[a]pyrene	0.43	ug/L	0.20	0.15	1	06/16/2023 08:30	06/19/2023 20:50	J
Benzo[b]fluoranthene	0.78	ug/L	0.10	0.050	1	06/16/2023 08:30	06/19/2023 20:50	J
Benzo[g,h,i]perylene	0.53	ug/L	0.20	0.19	1	06/16/2023 08:30	06/19/2023 20:50	J
Benzo[k]fluoranthene	0.28	ug/L	0.20	0.19	1	06/16/2023 08:30	06/19/2023 20:50	J
Chrysene	0.42	ug/L	0.20	0.13	1	06/16/2023 08:30	06/19/2023 20:50	J
Dibenzo[a,h]anthracene	0.095 U	ug/L	0.20	0.095	1	06/16/2023 08:30	06/19/2023 20:50	J
Fluoranthene	0.40	ug/L	0.20	0.15	1	06/16/2023 08:30	06/19/2023 20:50	J
Fluorene	0.15 U	ug/L	0.20	0.15	1	06/16/2023 08:30	06/19/2023 20:50	J
Indeno(1,2,3-cd)pyrene	0.50	ug/L	0.20	0.045	1	06/16/2023 08:30	06/19/2023 20:50	J
Naphthalene	0.19 U	ug/L	0.20	0.19	1	06/16/2023 08:30	06/19/2023 20:50	J
Phenanthrene	0.16 U	ug/L	0.20	0.16	1	06/16/2023 08:30	06/19/2023 20:50	J
Pyrene	0.34	ug/L	0.20	0.14	1	06/16/2023 08:30	06/19/2023 20:50	J
VOLATILES (SW-846 5030B/SW-846 8260D)								
Benzene	0.75 U	ug/L	3.0	0.75	3	06/13/2023 20:55	06/14/2023 00:57	J
Ethylbenzene	0.75 U	ug/L	3.0	0.75	3	06/13/2023 20:55	06/14/2023 00:57	J
Methyl tert-butyl Ether (MTBE)	0.75 U	ug/L	3.0	0.75	3	06/13/2023 20:55	06/14/2023 00:57	J
Toluene	0.75 U	ug/L	3.0	0.75	3	06/13/2023 20:55	06/14/2023 00:57	J

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FINAL

Workorder: Texaco #24-110-0004-Mickler (J2308371)

Analytical Results

Lab ID: J2308371001
Sample ID: MW-4

Date Collected: 06/09/2023 10:57
Date Received: 06/09/2023 14:34

Matrix: Water

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
Xylene (Total)	2.2 U	ug/L	9.0	2.2	3	06/13/2023 20:55	06/14/2023 00:57	J

Surrogates

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
2-Fluorobiphenyl (S)	ug/L	40	20	50	36 - 125	J
Nitrobenzene-d5 (S)	ug/L	40	18	46	34 - 139	J
p-Terphenyl-d14 (S)	ug/L	40	19	47	41 - 138	J
Nonatricontane-C39 (S)	ug/L	600	400	67	40 - 129	J
o-Terphenyl (S)	ug/L	200	150	74	66 - 139	J
1,2-Dichloroethane-d4 (S)	ug/L	150	140	96	70 - 128	J
Toluene-d8 (S)	ug/L	150	140	94	77 - 119	J
Bromofluorobenzene (S)	ug/L	150	150	103	86 - 123	J

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FINAL

Workorder: Texaco #24-110-0004-Mickler (J2308371)

Analytical Results

Lab ID: J2308371002	Date Collected: 06/09/2023 10:21					Matrix: Water			
Sample ID: MW-5	Date Received: 06/09/2023 14:34								
Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab	
SEMIVOLATILES (SW-846 3510C/SW-846 8270C (SIM))									
1-Methylnaphthalene	0.20 U	ug/L	0.20	0.20	1	06/14/2023 15:45	06/17/2023 07:55	J	
2-Methylnaphthalene	0.20 U	ug/L	0.20	0.20	1	06/14/2023 15:45	06/17/2023 07:55	J	
Acenaphthene	0.16 U	ug/L	0.20	0.16	1	06/14/2023 15:45	06/17/2023 07:55	J	
Acenaphthylene	0.17 U	ug/L	0.20	0.17	1	06/14/2023 15:45	06/17/2023 07:55	J	
Anthracene	0.14 U	ug/L	0.20	0.14	1	06/14/2023 15:45	06/17/2023 07:55	J	
Benzo[a]anthracene	0.16 I	ug/L	0.20	0.049	1	06/14/2023 15:45	06/17/2023 07:55	J	
Benzo[a]pyrene	0.30	ug/L	0.20	0.15	1	06/14/2023 15:45	06/17/2023 07:55	J	
Benzo[b]fluoranthene	0.68	ug/L	0.10	0.050	1	06/14/2023 15:45	06/17/2023 07:55	J	
Benzo[g,h,i]perylene	0.34	ug/L	0.20	0.19	1	06/14/2023 15:45	06/17/2023 07:55	J	
Benzo[k]fluoranthene	0.23	ug/L	0.20	0.19	1	06/14/2023 15:45	06/17/2023 07:55	J	
Chrysene	0.37	ug/L	0.20	0.13	1	06/14/2023 15:45	06/17/2023 07:55	J	
Dibenzo[a,h]anthracene	0.095 U	ug/L	0.20	0.095	1	06/14/2023 15:45	06/17/2023 07:55	J	
Fluoranthene	0.68	ug/L	0.20	0.15	1	06/14/2023 15:45	06/17/2023 07:55	J	
Fluorene	0.15 U	ug/L	0.20	0.15	1	06/14/2023 15:45	06/17/2023 07:55	J	
Indeno(1,2,3-cd)pyrene	0.34	ug/L	0.20	0.045	1	06/14/2023 15:45	06/17/2023 07:55	J	
Naphthalene	0.19 U	ug/L	0.20	0.19	1	06/14/2023 15:45	06/17/2023 07:55	J	
Phenanthrene	0.18 I	ug/L	0.20	0.16	1	06/14/2023 15:45	06/17/2023 07:55	J	
Pyrene	0.52	ug/L	0.20	0.14	1	06/14/2023 15:45	06/17/2023 07:55	J	

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FINAL

Workorder: Texaco #24-110-0004-Mickler (J2308371)

Analytical Results

Surrogates

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
2-Fluorobiphenyl (S)	ug/L	40	30	74	36 - 125	J
Nitrobenzene-d5 (S)	ug/L	40	28	70	34 - 139	J
p-Terphenyl-d14 (S)	ug/L	40	27	67	41 - 138	J

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Workorder: Texaco #24-110-0004-Mickler (J2308371)

Analytical Results

Lab ID: J2308371003	Date Collected: 06/09/2023 12:19			Matrix: Water				
Sample ID: MW-7R	Date Received: 06/09/2023 14:34							
Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
METALS (SW-846 3010A/SW-846 6010)								
Lead	0.0030 U	mg/L	0.012	0.0030	1	06/14/2023 04:30	06/14/2023 16:25	J
SEMIVOLATILES (SW-846 3510C/SW-846 8270C (SIM))								
1-Methylnaphthalene	6.2	ug/L	0.20	0.20	1	06/16/2023 08:30	06/19/2023 22:11	J
2-Methylnaphthalene	9.9	ug/L	0.20	0.20	1	06/16/2023 08:30	06/19/2023 22:11	J
Acenaphthene	0.16 U	ug/L	0.20	0.16	1	06/16/2023 08:30	06/19/2023 22:11	J
Acenaphthylene	0.17 U	ug/L	0.20	0.17	1	06/16/2023 08:30	06/19/2023 22:11	J
Anthracene	0.14 U	ug/L	0.20	0.14	1	06/16/2023 08:30	06/19/2023 22:11	J
Benzo[a]anthracene	0.049 U	ug/L	0.20	0.049	1	06/16/2023 08:30	06/19/2023 22:11	J
Benzo[a]pyrene	0.15 U	ug/L	0.20	0.15	1	06/16/2023 08:30	06/19/2023 22:11	J
Benzo[b]fluoranthene	0.050 U	ug/L	0.10	0.050	1	06/16/2023 08:30	06/19/2023 22:11	J
Benzo[g,h,i]perylene	0.19 U	ug/L	0.20	0.19	1	06/16/2023 08:30	06/19/2023 22:11	J
Benzo[k]fluoranthene	0.19 U	ug/L	0.20	0.19	1	06/16/2023 08:30	06/19/2023 22:11	J
Chrysene	0.13 U	ug/L	0.20	0.13	1	06/16/2023 08:30	06/19/2023 22:11	J
Dibenzo[a,h]anthracene	0.095 U	ug/L	0.20	0.095	1	06/16/2023 08:30	06/19/2023 22:11	J
Fluoranthene	0.15 U	ug/L	0.20	0.15	1	06/16/2023 08:30	06/19/2023 22:11	J
Fluorene	0.15 U	ug/L	0.20	0.15	1	06/16/2023 08:30	06/19/2023 22:11	J
Indeno(1,2,3-cd)pyrene	0.045 U	ug/L	0.20	0.045	1	06/16/2023 08:30	06/19/2023 22:11	J
Naphthalene	10	ug/L	0.20	0.19	1	06/16/2023 08:30	06/19/2023 22:11	J
Phenanthrene	0.16 U	ug/L	0.20	0.16	1	06/16/2023 08:30	06/19/2023 22:11	J
Pyrene	0.14 U	ug/L	0.20	0.14	1	06/16/2023 08:30	06/19/2023 22:11	J
VOLATILES (SW-846 5030B/SW-846 8260D)								
Benzene	9.2	ug/L	1.0	0.25	1	06/13/2023 20:55	06/14/2023 01:21	J
Ethylbenzene	40	ug/L	1.0	0.25	1	06/13/2023 20:55	06/14/2023 01:21	J
Methyl tert-butyl Ether (MTBE)	0.25 U	ug/L	1.0	0.25	1	06/13/2023 20:55	06/14/2023 01:21	J
Toluene	25	ug/L	1.0	0.25	1	06/13/2023 20:55	06/14/2023 01:21	J
Xylene (Total)	500	ug/L	9.0	2.2	3	06/13/2023 20:55	06/14/2023 18:19	J





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FINAL

Workorder: Texaco #24-110-0004-Mickler (J2308371)

Analytical Results

Surrogates						
Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
2-Fluorobiphenyl (S)	ug/L	40	22	56	36 - 125	J
Nitrobenzene-d5 (S)	ug/L	40	21	52	34 - 139	J
p-Terphenyl-d14 (S)	ug/L	40	20	51	41 - 138	J
1,2-Dichloroethane-d4 (S)	ug/L	50	45	89	70 - 128	J
Toluene-d8 (S)	ug/L	50	49	97	77 - 119	J
Bromofluorobenzene (S)	ug/L	50	52	104	86 - 123	J





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FINAL

Workorder: Texaco #24-110-0004-Mickler (J2308371)

Analytical Results

Lab ID: J2308371004
Sample ID: MW-8

Date Collected: 06/09/2023 13:31
Date Received: 06/09/2023 14:34

Matrix: Water

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
METALS (SW-846 3010A/SW-846 6010)								
Lead	0.0030 U	mg/L	0.012	0.0030	1	06/14/2023 04:30	06/14/2023 16:29	J
SEMIVOLATILES (FL-PRO)								
TPH	1200	ug/L	680	600	1	06/16/2023 08:30	06/20/2023 06:27	J
SEMIVOLATILES (SW-846 3510C/SW-846 8270C (SIM))								
1-Methylnaphthalene	0.20 U	ug/L	0.20	0.20	1	06/16/2023 08:30	06/19/2023 19:29	J
2-Methylnaphthalene	0.20 U	ug/L	0.20	0.20	1	06/16/2023 08:30	06/19/2023 19:29	J
Acenaphthene	0.16 U	ug/L	0.20	0.16	1	06/16/2023 08:30	06/19/2023 19:29	J
Acenaphthylene	0.17 U	ug/L	0.20	0.17	1	06/16/2023 08:30	06/19/2023 19:29	J
Anthracene	0.14 U	ug/L	0.20	0.14	1	06/16/2023 08:30	06/19/2023 19:29	J
Benzo[a]anthracene	0.049 U	ug/L	0.20	0.049	1	06/16/2023 08:30	06/19/2023 19:29	J
Benzo[a]pyrene	0.15 U	ug/L	0.20	0.15	1	06/16/2023 08:30	06/19/2023 19:29	J
Benzo[b]fluoranthene	0.050 U	ug/L	0.10	0.050	1	06/16/2023 08:30	06/19/2023 19:29	J
Benzo[g,h,i]perylene	0.19 U	ug/L	0.20	0.19	1	06/16/2023 08:30	06/19/2023 19:29	J
Benzo[k]fluoranthene	0.19 U	ug/L	0.20	0.19	1	06/16/2023 08:30	06/19/2023 19:29	J
Chrysene	0.13 U	ug/L	0.20	0.13	1	06/16/2023 08:30	06/19/2023 19:29	J
Dibenzo[a,h]anthracene	0.095 U	ug/L	0.20	0.095	1	06/16/2023 08:30	06/19/2023 19:29	J
Fluoranthene	0.15 U	ug/L	0.20	0.15	1	06/16/2023 08:30	06/19/2023 19:29	J
Fluorene	0.15 U	ug/L	0.20	0.15	1	06/16/2023 08:30	06/19/2023 19:29	J
Indeno(1,2,3-cd)pyrene	0.045 U	ug/L	0.20	0.045	1	06/16/2023 08:30	06/19/2023 19:29	J
Naphthalene	0.19 U	ug/L	0.20	0.19	1	06/16/2023 08:30	06/19/2023 19:29	J
Phenanthrene	0.16 U	ug/L	0.20	0.16	1	06/16/2023 08:30	06/19/2023 19:29	J
Pyrene	0.14 U	ug/L	0.20	0.14	1	06/16/2023 08:30	06/19/2023 19:29	J
VOLATILES (SW-846 5030B/SW-846 8260D)								
Benzene	0.25 U	ug/L	1.0	0.25	1	06/13/2023 20:55	06/14/2023 01:45	J
Ethylbenzene	0.25 U	ug/L	1.0	0.25	1	06/13/2023 20:55	06/14/2023 01:45	J
Methyl tert-butyl Ether (MTBE)	0.25 U	ug/L	1.0	0.25	1	06/13/2023 20:55	06/14/2023 01:45	J
Toluene	0.25 U	ug/L	1.0	0.25	1	06/13/2023 20:55	06/14/2023 01:45	J

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FINAL

Workorder: Texaco #24-110-0004-Mickler (J2308371)

Analytical Results

Lab ID:	J2308371004	Date Collected:	06/09/2023 13:31			Matrix:	Water		
Sample ID:	MW-8	Date Received:	06/09/2023 14:34						
Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab	
Xylene (Total)	0.75 U	ug/L	3.0	0.75	1	06/13/2023 20:55	06/14/2023 11:05	J	

Surrogates

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
2-Fluorobiphenyl (S)	ug/L	40	23	58	36 - 125	J
Nitrobenzene-d5 (S)	ug/L	40	22	56	34 - 139	J
p-Terphenyl-d14 (S)	ug/L	40	23	58	41 - 138	J
Nonatricontane-C39 (S)	ug/L	600	470	79	40 - 129	J
o-Terphenyl (S)	ug/L	200	220	112	66 - 139	J
1,2-Dichloroethane-d4 (S)	ug/L	50	48	96	70 - 128	J
Toluene-d8 (S)	ug/L	50	48	95	77 - 119	J
Bromofluorobenzene (S)	ug/L	50	50	101	86 - 123	J

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FINAL

Workorder: Texaco #24-110-0004-Mickler (J2308371)

Analytical Results

Lab ID: J2308371005
Sample ID: MW-10

Date Collected: 06/09/2023 07:33
Date Received: 06/09/2023 14:34

Matrix: Water

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
SEMIVOLATILES (SW-846 3510C/SW-846 8270C (SIM))								
1-Methylnaphthalene	0.20 U	ug/L	0.20	0.20	1	06/14/2023 15:45	06/17/2023 07:28	J
2-Methylnaphthalene	0.20 U	ug/L	0.20	0.20	1	06/14/2023 15:45	06/17/2023 07:28	J
Acenaphthene	0.16 U	ug/L	0.20	0.16	1	06/14/2023 15:45	06/17/2023 07:28	J
Acenaphthylene	0.17 U	ug/L	0.20	0.17	1	06/14/2023 15:45	06/17/2023 07:28	J
Anthracene	0.14 U	ug/L	0.20	0.14	1	06/14/2023 15:45	06/17/2023 07:28	J
Benzo[a]anthracene	0.049 U	ug/L	0.20	0.049	1	06/14/2023 15:45	06/17/2023 07:28	J
Benzo[a]pyrene	0.15 U	ug/L	0.20	0.15	1	06/14/2023 15:45	06/17/2023 07:28	J
Benzo[b]fluoranthene	0.23	ug/L	0.10	0.050	1	06/14/2023 15:45	06/17/2023 07:28	J
Benzo[g,h,i]perylene	0.19 U	ug/L	0.20	0.19	1	06/14/2023 15:45	06/17/2023 07:28	J
Benzo[k]fluoranthene	0.19 U	ug/L	0.20	0.19	1	06/14/2023 15:45	06/17/2023 07:28	J
Chrysene	0.13 U	ug/L	0.20	0.13	1	06/14/2023 15:45	06/17/2023 07:28	J
Dibenzo[a,h]anthracene	0.095 U	ug/L	0.20	0.095	1	06/14/2023 15:45	06/17/2023 07:28	J
Fluoranthene	0.15 U	ug/L	0.20	0.15	1	06/14/2023 15:45	06/17/2023 07:28	J
Fluorene	0.15 U	ug/L	0.20	0.15	1	06/14/2023 15:45	06/17/2023 07:28	J
Indeno(1,2,3-cd)pyrene	0.045 U	ug/L	0.20	0.045	1	06/14/2023 15:45	06/17/2023 07:28	J
Naphthalene	0.19 U	ug/L	0.20	0.19	1	06/14/2023 15:45	06/17/2023 07:28	J
Phenanthrene	0.16 U	ug/L	0.20	0.16	1	06/14/2023 15:45	06/17/2023 07:28	J
Pyrene	0.14 U	ug/L	0.20	0.14	1	06/14/2023 15:45	06/17/2023 07:28	J

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FINAL

Workorder: Texaco #24-110-0004-Mickler (J2308371)

Analytical Results

Surrogates

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
2-Fluorobiphenyl (S)	ug/L	40	26	65	36 - 125	J
Nitrobenzene-d5 (S)	ug/L	40	27	68	34 - 139	J
p-Terphenyl-d14 (S)	ug/L	40	25	63	41 - 138	J

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Workorder: Texaco #24-110-0004-Mickler (J2308371)

Analytical Results

Lab ID: J2308371006	Date Collected: 06/09/2023 12:52					Matrix: Water		
Sample ID: MW-26	Date Received: 06/09/2023 14:34							
Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
SEMIVOLATILES (FL-PRO)								
TPH	780	ug/L	680	600	1	06/16/2023 08:30	06/20/2023 06:46	J
VOLATILES (SW-846 5030B/SW-846 8260D)								
Benzene	0.25 U	ug/L	1.0	0.25	1	06/13/2023 20:55	06/14/2023 02:09	J
Ethylbenzene	2.7	ug/L	1.0	0.25	1	06/13/2023 20:55	06/14/2023 02:09	J
Methyl tert-butyl Ether (MTBE)	0.25 U	ug/L	1.0	0.25	1	06/13/2023 20:55	06/14/2023 02:09	J
Toluene	0.25 U	ug/L	1.0	0.25	1	06/13/2023 20:55	06/14/2023 02:09	J
Xylene (Total)	50	ug/L	3.0	0.75	1	06/13/2023 20:55	06/14/2023 02:09	J

Analysis Results Comments

TPH

J3|Lab QC Failure

Surrogates

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
Nonatricontane-C39 (S)	ug/L	600	310	52	40 - 129	J
o-Terphenyl (S)	ug/L	200	110	54	66 - 139	J
1,2-Dichloroethane-d4 (S)	ug/L	50	47	95	70 - 128	J
Toluene-d8 (S)	ug/L	50	48	96	77 - 119	J
Bromofluorobenzene (S)	ug/L	50	51	102	86 - 123	J

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FINAL

Workorder: Texaco #24-110-0004-Mickler (J2308371)

Analytical Results

Lab ID: J2308371007	Date Collected: 06/09/2023 11:54			Matrix: Water				
Sample ID: MW-27	Date Received: 06/09/2023 14:34							
Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
SEMIVOLATILES (FL-PRO)								
TPH	3800	ug/L	680	600	1	06/16/2023 08:30	06/20/2023 07:05	J
SEMIVOLATILES (SW-846 3510C/SW-846 8270C (SIM))								
1-Methylnaphthalene	3.9	ug/L	0.20	0.20	1	06/16/2023 08:30	06/19/2023 19:56	J
2-Methylnaphthalene	6.8	ug/L	0.20	0.20	1	06/16/2023 08:30	06/19/2023 19:56	J
Acenaphthene	0.16 U	ug/L	0.20	0.16	1	06/16/2023 08:30	06/19/2023 19:56	J
Acenaphthylene	0.17 U	ug/L	0.20	0.17	1	06/16/2023 08:30	06/19/2023 19:56	J
Anthracene	0.14 U	ug/L	0.20	0.14	1	06/16/2023 08:30	06/19/2023 19:56	J
Benzo[a]anthracene	0.049 U	ug/L	0.20	0.049	1	06/16/2023 08:30	06/19/2023 19:56	J
Benzo[a]pyrene	0.15 U	ug/L	0.20	0.15	1	06/16/2023 08:30	06/19/2023 19:56	J
Benzo[b]fluoranthene	0.050 U	ug/L	0.10	0.050	1	06/16/2023 08:30	06/19/2023 19:56	J
Benzo[g,h,i]perylene	0.19 U	ug/L	0.20	0.19	1	06/16/2023 08:30	06/19/2023 19:56	J
Benzo[k]fluoranthene	0.19 U	ug/L	0.20	0.19	1	06/16/2023 08:30	06/19/2023 19:56	J
Chrysene	0.13 U	ug/L	0.20	0.13	1	06/16/2023 08:30	06/19/2023 19:56	J
Dibenzo[a,h]anthracene	0.095 U	ug/L	0.20	0.095	1	06/16/2023 08:30	06/19/2023 19:56	J
Fluoranthene	0.15 U	ug/L	0.20	0.15	1	06/16/2023 08:30	06/19/2023 19:56	J
Fluorene	0.15 U	ug/L	0.20	0.15	1	06/16/2023 08:30	06/19/2023 19:56	J
Indeno(1,2,3-cd)pyrene	0.045 U	ug/L	0.20	0.045	1	06/16/2023 08:30	06/19/2023 19:56	J
Naphthalene	43	ug/L	0.20	0.19	1	06/16/2023 08:30	06/19/2023 19:56	J
Phenanthrene	0.16 U	ug/L	0.20	0.16	1	06/16/2023 08:30	06/19/2023 19:56	J
Pyrene	0.14 U	ug/L	0.20	0.14	1	06/16/2023 08:30	06/19/2023 19:56	J
VOLATILES (SW-846 5030B/SW-846 8260D)								
Benzene	60	ug/L	3.0	0.75	3	06/13/2023 20:55	06/14/2023 02:33	J
Ethylbenzene	440	ug/L	3.0	0.75	3	06/13/2023 20:55	06/14/2023 02:33	J
Methyl tert-butyl Ether (MTBE)	0.75 U	ug/L	3.0	0.75	3	06/13/2023 20:55	06/14/2023 02:33	J
Toluene	50	ug/L	3.0	0.75	3	06/13/2023 20:55	06/14/2023 02:33	J
Xylene (Total)	3400	ug/L	30	7.5	10	06/13/2023 20:55	06/14/2023 18:43	J





FINAL

Workorder: Texaco #24-110-0004-Mickler (J2308371)

Analytical Results

Analysis Results Comments

TPH

J3|Lab QC Failure

Surrogates

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
2-Fluorobiphenyl (S)	ug/L	40	14	36	36 - 125	J
Nitrobenzene-d5 (S)	ug/L	40	14	36	34 - 139	J
p-Terphenyl-d14 (S)	ug/L	40	14	34	41 - 138	J
Nonatricontane-C39 (S)	ug/L	600	280	47	40 - 129	J
o-Terphenyl (S)	ug/L	200	92	46	66 - 139	J
1,2-Dichloroethane-d4 (S)	ug/L	150	140	91	70 - 128	J
Toluene-d8 (S)	ug/L	150	150	97	77 - 119	J
Bromofluorobenzene (S)	ug/L	150	150	101	86 - 123	J

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FINAL

Workorder: Texaco #24-110-0004-Mickler (J2308371)

Analytical Results

Lab ID: J2308371008	Date Collected: 06/09/2023 08:09			Matrix: Water				
Sample ID: MW-32	Date Received: 06/09/2023 14:34							
Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
SEMIVOLATILES (FL-PRO)								
TPH	600 U	ug/L	680	600	1	06/14/2023 15:45	06/16/2023 15:17	J
SEMIVOLATILES (SW-846 3510C/SW-846 8270C (SIM))								
1-Methylnaphthalene	0.20 U	ug/L	0.20	0.20	1	06/14/2023 15:45	06/17/2023 08:22	J
2-Methylnaphthalene	0.20 U	ug/L	0.20	0.20	1	06/14/2023 15:45	06/17/2023 08:22	J
Acenaphthene	0.16 U	ug/L	0.20	0.16	1	06/14/2023 15:45	06/17/2023 08:22	J
Acenaphthylene	0.17 U	ug/L	0.20	0.17	1	06/14/2023 15:45	06/17/2023 08:22	J
Anthracene	0.14 U	ug/L	0.20	0.14	1	06/14/2023 15:45	06/17/2023 08:22	J
Benzo[a]anthracene	0.049 U	ug/L	0.20	0.049	1	06/14/2023 15:45	06/17/2023 08:22	J
Benzo[a]pyrene	0.15 U	ug/L	0.20	0.15	1	06/14/2023 15:45	06/17/2023 08:22	J
Benzo[b]fluoranthene	0.050 U	ug/L	0.10	0.050	1	06/14/2023 15:45	06/17/2023 08:22	J
Benzo[g,h,i]perylene	0.19 U	ug/L	0.20	0.19	1	06/14/2023 15:45	06/17/2023 08:22	J
Benzo[k]fluoranthene	0.19 U	ug/L	0.20	0.19	1	06/14/2023 15:45	06/17/2023 08:22	J
Chrysene	0.13 U	ug/L	0.20	0.13	1	06/14/2023 15:45	06/17/2023 08:22	J
Dibenzo[a,h]anthracene	0.095 U	ug/L	0.20	0.095	1	06/14/2023 15:45	06/17/2023 08:22	J
Fluoranthene	0.15 U	ug/L	0.20	0.15	1	06/14/2023 15:45	06/17/2023 08:22	J
Fluorene	0.15 U	ug/L	0.20	0.15	1	06/14/2023 15:45	06/17/2023 08:22	J
Indeno(1,2,3-cd)pyrene	0.045 U	ug/L	0.20	0.045	1	06/14/2023 15:45	06/17/2023 08:22	J
Naphthalene	0.19 U	ug/L	0.20	0.19	1	06/14/2023 15:45	06/17/2023 08:22	J
Phenanthrene	0.16 U	ug/L	0.20	0.16	1	06/14/2023 15:45	06/17/2023 08:22	J
Pyrene	0.14 U	ug/L	0.20	0.14	1	06/14/2023 15:45	06/17/2023 08:22	J
VOLATILES (SW-846 5030B/SW-846 8260D)								
Benzene	0.25 U	ug/L	1.0	0.25	1	06/13/2023 20:55	06/14/2023 02:57	J
Ethylbenzene	0.25 U	ug/L	1.0	0.25	1	06/13/2023 20:55	06/14/2023 11:29	J
Methyl tert-butyl Ether (MTBE)	0.25 U	ug/L	1.0	0.25	1	06/13/2023 20:55	06/14/2023 02:57	J
Toluene	0.25 U	ug/L	1.0	0.25	1	06/13/2023 20:55	06/14/2023 02:57	J
Xylene (Total)	0.75 U	ug/L	3.0	0.75	1	06/13/2023 20:55	06/14/2023 11:29	J





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FINAL

Workorder: Texaco #24-110-0004-Mickler (J2308371)

Analytical Results

Surrogates						
Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
2-Fluorobiphenyl (S)	ug/L	40	31	76	36 - 125	J
Nitrobenzene-d5 (S)	ug/L	40	30	76	34 - 139	J
p-Terphenyl-d14 (S)	ug/L	40	32	80	41 - 138	J
Nonatricontane-C39 (S)	ug/L	600	370	62	40 - 129	J
o-Terphenyl (S)	ug/L	200	180	92	66 - 139	J
1,2-Dichloroethane-d4 (S)	ug/L	50	49	98	70 - 128	J
Toluene-d8 (S)	ug/L	50	47	94	77 - 119	J
Bromofluorobenzene (S)	ug/L	50	52	104	86 - 123	J





FINAL

Workorder: Texaco #24-110-0004-Mickler (J2308371)

Analytical Results

Lab ID: J2308371009	Date Collected: 06/09/2023 08:44			Matrix: Water				
Sample ID: MW-33	Date Received: 06/09/2023 14:34							
Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
SEMIVOLATILES (FL-PRO)								
TPH	800	ug/L	680	600	1	06/14/2023 15:45	06/16/2023 15:35	J
SEMIVOLATILES (SW-846 3510C/SW-846 8270C (SIM))								
1-Methylnaphthalene	0.20 U	ug/L	0.20	0.20	1	06/14/2023 15:45	06/17/2023 08:49	J
2-Methylnaphthalene	0.20 U	ug/L	0.20	0.20	1	06/14/2023 15:45	06/17/2023 08:49	J
Acenaphthene	0.16 U	ug/L	0.20	0.16	1	06/14/2023 15:45	06/17/2023 08:49	J
Acenaphthylene	0.17 U	ug/L	0.20	0.17	1	06/14/2023 15:45	06/17/2023 08:49	J
Anthracene	0.14 U	ug/L	0.20	0.14	1	06/14/2023 15:45	06/17/2023 08:49	J
Benzo[a]anthracene	0.049 U	ug/L	0.20	0.049	1	06/14/2023 15:45	06/17/2023 08:49	J
Benzo[a]pyrene	0.15 U	ug/L	0.20	0.15	1	06/14/2023 15:45	06/17/2023 08:49	J
Benzo[b]fluoranthene	0.050 U	ug/L	0.10	0.050	1	06/14/2023 15:45	06/17/2023 08:49	J
Benzo[g,h,i]perylene	0.19 U	ug/L	0.20	0.19	1	06/14/2023 15:45	06/17/2023 08:49	J
Benzo[k]fluoranthene	0.19 U	ug/L	0.20	0.19	1	06/14/2023 15:45	06/17/2023 08:49	J
Chrysene	0.13 U	ug/L	0.20	0.13	1	06/14/2023 15:45	06/17/2023 08:49	J
Dibenzo[a,h]anthracene	0.095 U	ug/L	0.20	0.095	1	06/14/2023 15:45	06/17/2023 08:49	J
Fluoranthene	0.15 U	ug/L	0.20	0.15	1	06/14/2023 15:45	06/17/2023 08:49	J
Fluorene	0.15 U	ug/L	0.20	0.15	1	06/14/2023 15:45	06/17/2023 08:49	J
Indeno(1,2,3-cd)pyrene	0.045 U	ug/L	0.20	0.045	1	06/14/2023 15:45	06/17/2023 08:49	J
Naphthalene	0.19 U	ug/L	0.20	0.19	1	06/14/2023 15:45	06/17/2023 08:49	J
Phenanthrene	0.16 U	ug/L	0.20	0.16	1	06/14/2023 15:45	06/17/2023 08:49	J
Pyrene	0.14 U	ug/L	0.20	0.14	1	06/14/2023 15:45	06/17/2023 08:49	J
VOLATILES (SW-846 5030B/SW-846 8260D)								
Benzene	0.25 U	ug/L	1.0	0.25	1	06/13/2023 20:55	06/14/2023 03:21	J
Ethylbenzene	0.25 U	ug/L	1.0	0.25	1	06/13/2023 20:55	06/14/2023 03:21	J
Methyl tert-butyl Ether (MTBE)	0.25 U	ug/L	1.0	0.25	1	06/13/2023 20:55	06/14/2023 03:21	J
Toluene	0.25 U	ug/L	1.0	0.25	1	06/13/2023 20:55	06/14/2023 03:21	J
Xylene (Total)	0.75 U	ug/L	3.0	0.75	1	06/13/2023 20:55	06/14/2023 03:21	J





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FINAL

Workorder: Texaco #24-110-0004-Mickler (J2308371)

Analytical Results

Surrogates						
Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
2-Fluorobiphenyl (S)	ug/L	40	26	65	36 - 125	J
Nitrobenzene-d5 (S)	ug/L	40	25	63	34 - 139	J
p-Terphenyl-d14 (S)	ug/L	40	25	63	41 - 138	J
Nonatricontane-C39 (S)	ug/L	600	360	59	40 - 129	J
o-Terphenyl (S)	ug/L	200	140	71	66 - 139	J
1,2-Dichloroethane-d4 (S)	ug/L	50	46	93	70 - 128	J
Toluene-d8 (S)	ug/L	50	47	95	77 - 119	J
Bromofluorobenzene (S)	ug/L	50	53	106	86 - 123	J





FINAL

Workorder: Texaco #24-110-0004-Mickler (J2308371)

Analytical Results

Lab ID: J2308371010
Sample ID: MW-34

Date Collected: 06/09/2023 14:01
Date Received: 06/09/2023 14:34

Matrix: Water

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
SEMIVOLATILES (FL-PRO)								
TPH	1000	ug/L	680	600	1	06/16/2023 08:30	06/20/2023 07:23	J
SEMIVOLATILES (SW-846 3510C/SW-846 8270C (SIM))								
1-Methylnaphthalene	0.20 U	ug/L	0.20	0.20	1	06/16/2023 08:30	06/19/2023 20:23	J
2-Methylnaphthalene	0.20 U	ug/L	0.20	0.20	1	06/16/2023 08:30	06/19/2023 20:23	J
Acenaphthene	0.16 U	ug/L	0.20	0.16	1	06/16/2023 08:30	06/19/2023 20:23	J
Acenaphthylene	0.17 U	ug/L	0.20	0.17	1	06/16/2023 08:30	06/19/2023 20:23	J
Anthracene	0.14 U	ug/L	0.20	0.14	1	06/16/2023 08:30	06/19/2023 20:23	J
Benzo[a]anthracene	0.049 U	ug/L	0.20	0.049	1	06/16/2023 08:30	06/19/2023 20:23	J
Benzo[a]pyrene	0.15 U	ug/L	0.20	0.15	1	06/16/2023 08:30	06/19/2023 20:23	J
Benzo[b]fluoranthene	0.050 U	ug/L	0.10	0.050	1	06/16/2023 08:30	06/19/2023 20:23	J
Benzo[g,h,i]perylene	0.19 U	ug/L	0.20	0.19	1	06/16/2023 08:30	06/19/2023 20:23	J
Benzo[k]fluoranthene	0.19 U	ug/L	0.20	0.19	1	06/16/2023 08:30	06/19/2023 20:23	J
Chrysene	0.13 U	ug/L	0.20	0.13	1	06/16/2023 08:30	06/19/2023 20:23	J
Dibenzo[a,h]anthracene	0.095 U	ug/L	0.20	0.095	1	06/16/2023 08:30	06/19/2023 20:23	J
Fluoranthene	0.15 U	ug/L	0.20	0.15	1	06/16/2023 08:30	06/19/2023 20:23	J
Fluorene	0.15 U	ug/L	0.20	0.15	1	06/16/2023 08:30	06/19/2023 20:23	J
Indeno(1,2,3-cd)pyrene	0.045 U	ug/L	0.20	0.045	1	06/16/2023 08:30	06/19/2023 20:23	J
Naphthalene	0.19 U	ug/L	0.20	0.19	1	06/16/2023 08:30	06/19/2023 20:23	J
Phenanthrene	0.16 U	ug/L	0.20	0.16	1	06/16/2023 08:30	06/19/2023 20:23	J
Pyrene	0.14 U	ug/L	0.20	0.14	1	06/16/2023 08:30	06/19/2023 20:23	J
VOLATILES (SW-846 5030B/SW-846 8260D)								
Benzene	0.25 U	ug/L	1.0	0.25	1	06/13/2023 20:55	06/14/2023 03:45	J
Ethylbenzene	0.25 U	ug/L	1.0	0.25	1	06/13/2023 20:55	06/14/2023 03:45	J
Methyl tert-butyl Ether (MTBE)	0.25 U	ug/L	1.0	0.25	1	06/13/2023 20:55	06/14/2023 03:45	J
Toluene	0.25 U	ug/L	1.0	0.25	1	06/13/2023 20:55	06/14/2023 03:45	J
Xylene (Total)	0.75 U	ug/L	3.0	0.75	1	06/13/2023 20:55	06/14/2023 03:45	J

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FINAL

Workorder: Texaco #24-110-0004-Mickler (J2308371)

Analytical Results

Surrogates						
Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
2-Fluorobiphenyl (S)	ug/L	40	23	58	36 - 125	J
Nitrobenzene-d5 (S)	ug/L	40	22	55	34 - 139	J
p-Terphenyl-d14 (S)	ug/L	40	23	57	41 - 138	J
Nonatricontane-C39 (S)	ug/L	600	430	72	40 - 129	J
o-Terphenyl (S)	ug/L	200	150	77	66 - 139	J
1,2-Dichloroethane-d4 (S)	ug/L	50	47	95	70 - 128	J
Toluene-d8 (S)	ug/L	50	48	97	77 - 119	J
Bromofluorobenzene (S)	ug/L	50	52	105	86 - 123	J





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FINAL

Workorder: Texaco #24-110-0004-Mickler (J2308371)

Analytical Results

Lab ID: J2308371011	Date Collected: 06/09/2023 11:26	Matrix: Water						
Sample ID: DW-4	Date Received: 06/09/2023 14:34							
Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
VOLATILES (SW-846 5030B/SW-846 8260D)								
Benzene	0.25 U	ug/L	1.0	0.25	1	06/13/2023 20:55	06/14/2023 04:10	J
Ethylbenzene	0.25 U	ug/L	1.0	0.25	1	06/13/2023 20:55	06/14/2023 04:10	J
Methyl tert-butyl Ether (MTBE)	0.25 U	ug/L	1.0	0.25	1	06/13/2023 20:55	06/14/2023 04:10	J
Toluene	0.25 U	ug/L	1.0	0.25	1	06/13/2023 20:55	06/14/2023 04:10	J
Xylene (Total)	0.75 U	ug/L	3.0	0.75	1	06/13/2023 20:55	06/14/2023 04:10	J

Surrogates

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
1,2-Dichloroethane-d4 (S)	ug/L	50	50	101	70 - 128	J
Toluene-d8 (S)	ug/L	50	47	93	77 - 119	J
Bromofluorobenzene (S)	ug/L	50	51	103	86 - 123	J

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FINAL

Workorder: Texaco #24-110-0004-Mickler (J2308371)

QC Results

QC Batch: GCSj/4954
Preparation Method: FL-PRO
Associated Lab IDs: J2308371008, J2308371009

Analysis Method: FL-PRO

Method Blank(4833351)

Parameter	Results	Units	PQL	MDL	Lab
TPH	600 U	ug/L	680	600	J

Surrogates

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
Nonatricontane-C39 (S)	mg/L	0.60	0.23	38	40 - 129	J
o-Terphenyl (S)	mg/L	0.20	0.13	65	66 - 139	J

Lab Control Sample (4833352); Lab Control Sample Duplicate (4833353); Parent Lab Sample (J2308371008, J2308371009)

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Dup Result	Dup Recovery	RPD	RPD Limit	Lab
TPH	ug/L	3400	2500	74	53 - 121	3100	92	21	20	J

Surrogates

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Dup Result	Dup Recovery	RPD	RPD Limit	Lab
Nonatricontane-C39 (S)	mg/L	0.60	0.36	60	40 - 129	0.49	81	30	20	J
o-Terphenyl (S)	mg/L	0.20	0.15	75	66 - 139	0.16	78	4	20	J

QC Result Comments

Lab Control Sample Duplicate - 4833353 - TPH

J3|Lab QC Failure

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FINAL

Workorder: Texaco #24-110-0004-Mickler (J2308371)

QC Results

QC Batch: GCSj/4962 Analysis Method: FL-PRO
Preparation Method: FL-PRO
Associated Lab IDs: J2308371001, J2308371004, J2308371006, J2308371007, J2308371010

Method Blank(4836182)

Parameter	Results	Units	PQL	MDL	Lab
TPH	600 U	ug/L	680	600	J

Surrogates

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
Nonatricontane-C39 (S)	mg/L	0.60	0.28	47	40 - 129	J
o-Terphenyl (S)	mg/L	0.20	0.11	55	66 - 139	J

Lab Control Sample (4836183); Lab Control Sample Duplicate (4836184); Parent Lab Sample (J2308371001, J2308371004, J2308371006, J2308371007, J2308371010)

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Dup Result	Dup Recovery	RPD	RPD Limit	Lab
TPH	ug/L	3400	2800	83	53 - 121	2200	65	25	20	J

Surrogates

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Dup Result	Dup Recovery	RPD	RPD Limit	Lab
Nonatricontane-C39 (S)	mg/L	0.60	0.41	68	40 - 129	0.35	58	16	20	J
o-Terphenyl (S)	mg/L	0.20	0.16	82	66 - 139	0.12	58	34	20	J

QC Result Comments

Lab Control Sample Duplicate - 4836184 - TPH

J3|Lab QC Failure

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FINAL

Workorder: Texaco #24-110-0004-Mickler (J2308371)

QC Results

QC Batch: ICPJ/2779
Preparation Method: SW-846 3010A
Associated Lab IDs: J2308371001, J2308371003, J2308371004

Analysis Method: SW-846 6010

Method Blank(4830716)

Parameter	Results	Units	PQL	MDL	Lab
Lead	0.0030 U	mg/L	0.012	0.0030	J

Lab Control Sample (4830717)

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
Lead	mg/L	0.06	.052	87	80 - 120	J

Matrix Spike (4831985); Matrix Spike Duplicate (4830718); Original (J2308429001); Parent Lab Sample (J2308429001)

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Dup Result	Dup Recovery	RPD	RPD Limit	Lab
Lead	mg/L	0.06	.14	70	75 - 125	.13	56	6	20	J

QC Result Comments

Matrix Spike - 4831985 - Lead

J4|Estimated Result

Matrix Spike Duplicate - 4830718 - Lead

J4|Estimated Result

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FINAL

Workorder: Texaco #24-110-0004-Mickler (J2308371)

QC Results

QC Batch: MSSj/3136 Analysis Method: SW-846 8270C (SIM)
Preparation Method: SW-846 3510C
Associated Lab IDs: J2308371002, J2308371005, J2308371008, J2308371009

Method Blank(4833348)

Parameter	Results	Units	PQL	MDL	Lab
Naphthalene	0.19 U	ug/L	0.20	0.19	J
2-Methylnaphthalene	0.20 U	ug/L	0.20	0.20	J
1-Methylnaphthalene	0.20 U	ug/L	0.20	0.20	J
Acenaphthylene	0.17 U	ug/L	0.20	0.17	J
Acenaphthene	0.16 U	ug/L	0.20	0.16	J
Fluorene	0.15 U	ug/L	0.20	0.15	J
Phenanthrene	0.16 U	ug/L	0.20	0.16	J
Anthracene	0.14 U	ug/L	0.20	0.14	J
Fluoranthene	0.15 U	ug/L	0.20	0.15	J
Pyrene	0.14 U	ug/L	0.20	0.14	J
Benzo[a]anthracene	0.049 U	ug/L	0.20	0.049	J
Chrysene	0.13 U	ug/L	0.20	0.13	J
Benzo[b]fluoranthene	0.050 U	ug/L	0.10	0.050	J
Benzo[k]fluoranthene	0.19 U	ug/L	0.20	0.19	J
Benzo[a]pyrene	0.15 U	ug/L	0.20	0.15	J
Indeno(1,2,3-cd)pyrene	0.045 U	ug/L	0.20	0.045	J
Dibenzo[a,h]anthracene	0.095 U	ug/L	0.20	0.095	J
Benzo[g,h,i]perylene	0.19 U	ug/L	0.20	0.19	J

Surrogates

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
2-Fluorobiphenyl (S)	mg/L	0.04	0.0150	38	36 - 125	J
Nitrobenzene-d5 (S)	mg/L	0.04	0.0150	37	34 - 139	J
p-Terphenyl-d14 (S)	mg/L	0.04	0.0250	62	41 - 138	J

Lab Control Sample (4833349); Lab Control Sample Duplicate (4833350); Parent Lab Sample (J2308371002, J2308371005, J2308371008, J2308371009)

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Dup Result	Dup Recovery	RPD	RPD Limit	Lab
Naphthalene	ug/L	20	14	68	43 - 120	15	73	7	30	J
2-Methylnaphthalene	ug/L	20	14	71	39 - 123	15	73	3	30	J
1-Methylnaphthalene	ug/L	20	14	68	41 - 123	14	72	6	30	J
Acenaphthylene	ug/L	20	15	73	35 - 121	15	76	4	30	J
Acenaphthene	ug/L	20	15	73	46 - 120	16	78	7	30	J





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FINAL

Workorder: Texaco #24-110-0004-Mickler (J2308371)

QC Batch: MSSj/3136 Analysis Method: SW-846 8270C (SIM)
Preparation Method: SW-846 3510C
Associated Lab IDs: J2308371002, J2308371005, J2308371008, J2308371009

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Dup Result	Dup Recovery	RPD	RPD Limit	Lab
Fluorene	ug/L	20	15	75	48 - 124	16	79	5	30	J
Phenanthrene	ug/L	20	16	81	49 - 125	16	82	1	30	J
Anthracene	ug/L	20	16	80	49 - 127	16	82	3	30	J
Fluoranthene	ug/L	20	16	80	48 - 130	16	81	1	30	J
Pyrene	ug/L	20	16	81	48 - 131	16	81	0	30	J
Benzo[a]anthracene	ug/L	20	16	80	49 - 130	16	81	1	30	J
Chrysene	ug/L	20	16	82	49 - 130	16	81	1	30	J
Benzo[b]fluoranthene	ug/L	20	16	78	43 - 134	16	81	4	30	J
Benzo[k]fluoranthene	ug/L	20	15	77	44 - 134	16	81	5	30	J
Benzo[a]pyrene	ug/L	20	16	79	43 - 130	16	81	3	30	J
Indeno(1,2,3-cd)pyrene	ug/L	20	14	70	38 - 137	15	74	6	30	J
Dibenzo[a,h]anthracene	ug/L	20	15	74	34 - 141	15	77	4	30	J
Benzo[g,h,i]perylene	ug/L	20	14	72	34 - 138	15	74	3	30	J

Surrogates

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Dup Result	Dup Recovery	RPD	RPD Limit	Lab
2-Fluorobiphenyl (S)	mg/L	0.04	0.0280	71	36 - 125	0.0290	72	1	30	J
Nitrobenzene-d5 (S)	mg/L	0.04	0.0290	72	34 - 139	0.03	76	5	30	J
p-Terphenyl-d14 (S)	mg/L	0.04	0.0330	83	41 - 138	0.0310	78	6	30	J

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Workorder: Texaco #24-110-0004-Mickler (J2308371)

QC Results

QC Batch: MSSj/3138 Analysis Method: SW-846 8270C (SIM)
Preparation Method: SW-846 3510C
Associated Lab IDs: J2308371001, J2308371003, J2308371004, J2308371007, J2308371010

Method Blank(4836179)

Parameter	Results	Units	PQL	MDL	Lab
Naphthalene	0.19 U	ug/L	0.20	0.19	J
2-Methylnaphthalene	0.20 U	ug/L	0.20	0.20	J
1-Methylnaphthalene	0.20 U	ug/L	0.20	0.20	J
Acenaphthylene	0.17 U	ug/L	0.20	0.17	J
Acenaphthene	0.16 U	ug/L	0.20	0.16	J
Fluorene	0.15 U	ug/L	0.20	0.15	J
Phenanthrene	0.16 U	ug/L	0.20	0.16	J
Anthracene	0.14 U	ug/L	0.20	0.14	J
Fluoranthene	0.15 U	ug/L	0.20	0.15	J
Pyrene	0.14 U	ug/L	0.20	0.14	J
Benzo[a]anthracene	0.049 U	ug/L	0.20	0.049	J
Chrysene	0.13 U	ug/L	0.20	0.13	J
Benzo[b]fluoranthene	0.050 U	ug/L	0.10	0.050	J
Benzo[k]fluoranthene	0.19 U	ug/L	0.20	0.19	J
Benzo[a]pyrene	0.15 U	ug/L	0.20	0.15	J
Indeno(1,2,3-cd)pyrene	0.045 U	ug/L	0.20	0.045	J
Dibenzo[a,h]anthracene	0.095 U	ug/L	0.20	0.095	J
Benzo[g,h,i]perylene	0.19 U	ug/L	0.20	0.19	J

Surrogates

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
2-Fluorobiphenyl (S)	mg/L	0.04	0.03	74	36 - 125	J
Nitrobenzene-d5 (S)	mg/L	0.04	0.0310	78	34 - 139	J
p-Terphenyl-d14 (S)	mg/L	0.04	0.0310	77	41 - 138	J

Lab Control Sample (4836180); Lab Control Sample Duplicate (4836181); Parent Lab Sample (J2308371001, J2308371003, J2308371004, J2308371007, J2308371010)

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Dup Result	Dup Recovery	RPD	RPD Limit	Lab
Naphthalene	ug/L	20	14	71	43 - 120	13	65	9	30	J
2-Methylnaphthalene	ug/L	20	15	73	39 - 123	13	65	11	30	J
1-Methylnaphthalene	ug/L	20	14	72	41 - 123	13	66	9	30	J
Acenaphthylene	ug/L	20	16	79	35 - 121	15	73	8	30	J
Acenaphthene	ug/L	20	15	77	46 - 120	14	72	8	30	J

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FINAL

Workorder: Texaco #24-110-0004-Mickler (J2308371)

QC Batch: MSSj/3138 Analysis Method: SW-846 8270C (SIM)
Preparation Method: SW-846 3510C
Associated Lab IDs: J2308371001, J2308371003, J2308371004, J2308371007, J2308371010

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Dup Result	Dup Recovery	RPD	RPD Limit	Lab
Fluorene	ug/L	20	16	79	48 - 124	15	73	8	30	J
Phenanthrene	ug/L	20	16	81	49 - 125	16	78	4	30	J
Anthracene	ug/L	20	16	80	49 - 127	15	75	6	30	J
Fluoranthene	ug/L	20	16	81	48 - 130	15	76	6	30	J
Pyrene	ug/L	20	16	80	48 - 131	16	80	1	30	J
Benzo[a]anthracene	ug/L	20	16	81	49 - 130	15	77	6	30	J
Chrysene	ug/L	20	17	83	49 - 130	16	80	4	30	J
Benzo[b]fluoranthene	ug/L	20	17	84	43 - 134	14	69	21	30	J
Benzo[k]fluoranthene	ug/L	20	17	83	44 - 134	14	68	20	30	J
Benzo[a]pyrene	ug/L	20	16	82	43 - 130	14	68	18	30	J
Indeno(1,2,3-cd)pyrene	ug/L	20	15	73	38 - 137	11	57	24	30	J
Dibenzo[a,h]anthracene	ug/L	20	16	78	34 - 141	10	52	40	30	J
Benzo[g,h,i]perylene	ug/L	20	15	77	34 - 138	11	54	36	30	J

Surrogates

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Dup Result	Dup Recovery	RPD	RPD Limit	Lab
2-Fluorobiphenyl (S)	mg/L	0.04	0.03	74	36 - 125	0.0270	67	9	30	J
Nitrobenzene-d5 (S)	mg/L	0.04	0.0310	78	34 - 139	0.0280	69	13	30	J
p-Terphenyl-d14 (S)	mg/L	0.04	0.0320	81	41 - 138	0.0290	73	11	30	J

QC Result Comments

Lab Control Sample Duplicate - 4836181 - Benzo[g,h,i]perylene

J3|Lab QC Failure

Lab Control Sample Duplicate - 4836181 - Dibenzo[a,h]anthracene

J3|Lab QC Failure

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FINAL

Workorder: Texaco #24-110-0004-Mickler (J2308371)

QC Results

QC Batch: MSVj7024 Analysis Method: SW-846 8260D
Preparation Method: SW-846 5030B
Associated Lab IDs: J2308371001, J2308371003, J2308371004, J2308371006, J2308371007, J2308371008, J2308371009, J2308371010, J2308371011

Method Blank(4831756)

Parameter	Results	Units	PQL	MDL	Lab
Methyl tert-butyl Ether (MTBE)	0.25 U	ug/L	1.0	0.25	J
Benzene	0.25 U	ug/L	1.0	0.25	J
Toluene	0.25 U	ug/L	1.0	0.25	J
Ethylbenzene	0.25 U	ug/L	1.0	0.25	J
Xylene (Total)	0.75 U	ug/L	3.0	0.75	J

Surrogates

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
1,2-Dichloroethane-d4 (S)	ug/L	50	51	102	70 - 128	J
Bromofluorobenzene (S)	ug/L	50	51	101	86 - 123	J
Toluene-d8 (S)	ug/L	50	47	93	77 - 119	J

Lab Control Sample (4831757); Lab Control Sample Duplicate (4831758); Parent Lab Sample (J2308371001, J2308371003, J2308371004, J2308371006, J2308371007, J2308371008, J2308371009, J2308371010, J2308371011)

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Dup Result	Dup Recovery	RPD	RPD Limit	Lab
Methyl tert-butyl Ether (MT)	ug/L	20	21	103	71 - 124	19	94	10	20	J
Benzene	ug/L	20	21	104	79 - 120	18	91	14	20	J
Toluene	ug/L	20	21	103	80 - 121	19	94	9	20	J
Ethylbenzene	ug/L	20	21	107	79 - 121	19	95	12	20	J
Xylene (Total)	ug/L	60	64	107	79 - 121	57	95	12	20	J

Surrogates

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Dup Result	Dup Recovery	RPD	RPD Limit	Lab
1,2-Dichloroethane-d4 (S)	ug/L	50	53	106	70 - 128	50	99	7		J
Bromofluorobenzene (S)	ug/L	50	47	94	86 - 123	49	98	3		J
Toluene-d8 (S)	ug/L	50	46	93	77 - 119	47	93	0		J

Matrix Spike (4831759); Original (J2308356001); Parent Lab Sample (J2308356001)

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
Methyl tert-butyl Ether (MTBE)	ug/L	20	22	108	71 - 124	J
Benzene	ug/L	20	21	104	79 - 120	J
Toluene	ug/L	20	21	106	80 - 121	J
Ethylbenzene	ug/L	20	21	103	79 - 121	J

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FINAL

Workorder: Texaco #24-110-0004-Mickler (J2308371)

QC Batch: MSVj7024 **Analysis Method:** SW-846 8260D
Preparation Method: SW-846 5030B
Associated Lab IDs: J2308371001, J2308371003, J2308371004, J2308371006, J2308371007, J2308371008, J2308371009, J2308371010, J2308371011

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
Xylene (Total)	ug/L	60	62	103	79 - 121	J

Surrogates

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
1,2-Dichloroethane-d4 (S)	ug/L	50	45	90	70 - 128	J
Bromofluorobenzene (S)	ug/L	50	48	96	86 - 123	J
Toluene-d8 (S)	ug/L	50	49	98	77 - 119	J

QC Result Comments

Lab Control Sample - 4831757 - Xylene (Total)

J3|Lab QC Failure

Lab Control Sample Duplicate - 4831758 - Xylene (Total)

J3|Lab QC Failure

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Workorder: Texaco #24-110-0004-Mickler (J2308371)

QC Cross Reference

Lab ID	Sample ID	Prep Batch	Prep Method
GCSj/4954 - FL-PRO			
J2308371008	MW-32	EXTj/6628	FL-PRO
J2308371009	MW-33	EXTj/6628	FL-PRO
GCSj/4962 - FL-PRO			
J2308371001	MW-4	EXTj/6641	FL-PRO
J2308371004	MW-8	EXTj/6641	FL-PRO
J2308371006	MW-26	EXTj/6641	FL-PRO
J2308371007	MW-27	EXTj/6641	FL-PRO
J2308371010	MW-34	EXTj/6641	FL-PRO
ICPj/2779 - SW-846 6010			
J2308371001	MW-4	DGMj/5941	SW-846 3010A
J2308371003	MW-7R	DGMj/5941	SW-846 3010A
J2308371004	MW-8	DGMj/5941	SW-846 3010A
MSSj/3136 - SW-846 8270C (SIM)			
J2308371002	MW-5	EXTj/6627	SW-846 3510C
J2308371005	MW-10	EXTj/6627	SW-846 3510C
J2308371008	MW-32	EXTj/6627	SW-846 3510C
J2308371009	MW-33	EXTj/6627	SW-846 3510C
MSSj/3138 - SW-846 8270C (SIM)			
J2308371001	MW-4	EXTj/6640	SW-846 3510C
J2308371003	MW-7R	EXTj/6640	SW-846 3510C
J2308371004	MW-8	EXTj/6640	SW-846 3510C
J2308371007	MW-27	EXTj/6640	SW-846 3510C
J2308371010	MW-34	EXTj/6640	SW-846 3510C

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FINAL

Workorder: Texaco #24-110-0004-Mickler (J2308371)

QC Cross Reference

Lab ID	Sample ID	Prep Batch	Prep Method
MSVj/7024 - SW-846 8260D			
J2308371001	MW-4	MSVj/7023	SW-846 5030B
J2308371003	MW-7R	MSVj/7023	SW-846 5030B
J2308371004	MW-8	MSVj/7023	SW-846 5030B
J2308371006	MW-26	MSVj/7023	SW-846 5030B
J2308371007	MW-27	MSVj/7023	SW-846 5030B
J2308371008	MW-32	MSVj/7023	SW-846 5030B
J2308371009	MW-33	MSVj/7023	SW-846 5030B
J2308371010	MW-34	MSVj/7023	SW-846 5030B
J2308371011	DW-4	MSVj/7023	SW-846 5030B

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FINAL

Workorder: Texaco #24-110-0004-Mickler (J2308371)

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☒ Fort Myers: 13100 Westside Terrace, Ste. 10, Ft. 32613 • 239-674-1100 • Lab ID: E8482
☒ Jacksonville: 6681 Southpoint Pkwy., Ft. 32216 • 904-363-9350 • Lab ID: E82574
☐ Tallahassee: 2039 North Monroe St., Suite D, Ft. 32303 • 904-219-8274 • Lab ID: E811036

☐ Gainesville
☐ Miramar
☐ Tampa: 861

Client Name: Ecotech Env. Svcs., Inc.
Address: 3260 NW 23rd Ave., Suite 1400-E
Phone: 954-973-7792
FAX:
Contact: Kevin Doyle
Sampled By: S. Paul Brackin
Turn Around Time: Standard ☒ Rush
MS/MSD: ☒ ADAPT ☒ EQUIS ☐ Other

Project Name: Texaco #24-110-0004-Mickler
Project Number: 05-23-013
PO Number: C13131
FCER Facility No.: 55/8515920
FCER Facility Addr.: 2500 Highway 16, St. Augustine
St. Johns County, FL

Special Instructions:

SAMPLE ID	SAMPLE DESCRIPTION	Grab Comp	SAMPLING		MATRIX	NO. COUNT	ANALYSIS REQUIRED	BOTTLE SIZE & TYPE
			DATE	TIME				
MW-4		G	6/9/23	10:57	GW	5	X	X
MW-5		G	6/9/23	10:21	GW	1	X	X
MW-7R		G	6/9/23	12:19	GW	4	X	X
MW-8		G	6/9/23	13:31	GW	5	X	X
MW-10		G	6/9/23	7:33	GW	1	X	X
MW-26		G	6/9/23	11:52	GW	4	X	X
MW-27		G	6/9/23	11:54	GW	4	X	X
MW-32		G	6/9/23	8:09	GW	4	X	X
MW-33		G	6/9/23	8:44	GW	4	X	X
MW-34		G	6/9/23	14:01	GW	4	X	X

Matrix Code: WW = wastewater SW = surface water GW = ground water DW = drinking water O = oil A = air SO = soil SL = sludge

Received on box: ☒ Yes ☐ No ☒ Temp taken from sample ☐ Temp from blank ☒ Where required, pH checked

Device used for measuring Temp by unique identifier (circle if temp gun used): 39A G: LT-1 LT-2 T: 10A A: 3A M: 3A S: 1V F: 1A

Temp. when received (observed): 27.0 °C **Temp. when received (corrected):** 27.0 °C

Relinquished by: PC **Date:** 6-9-23 **Time:** 14:34 **Received by:** PC **Date:** 6-9-23 **Time:** 14:34

FOR DRINKING WATER USE:
(When PWS information not otherwise supplied) PWS ID: _____
Supplier of Water: _____
Site Address: _____

ANALYSIS REQUIRED

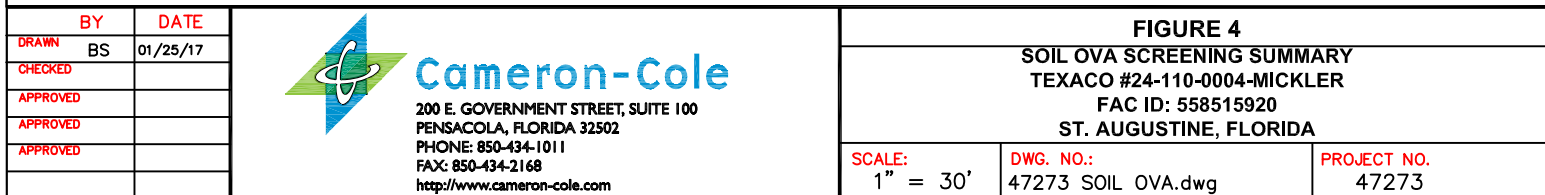
ANALYSIS REQUIRED	BOTTLE SIZE & TYPE
BTEX/MTBE 8260	two 40 mL vials
BTEX/MTBE 8260	40 mL vial
PAHs 8270 + TRPH FL-PRO	250 mL AG
PAHs 8270	250 mL AG
TRPH FL-PRO	250 mL AG
Total Lead 6010	250 mL HDPE

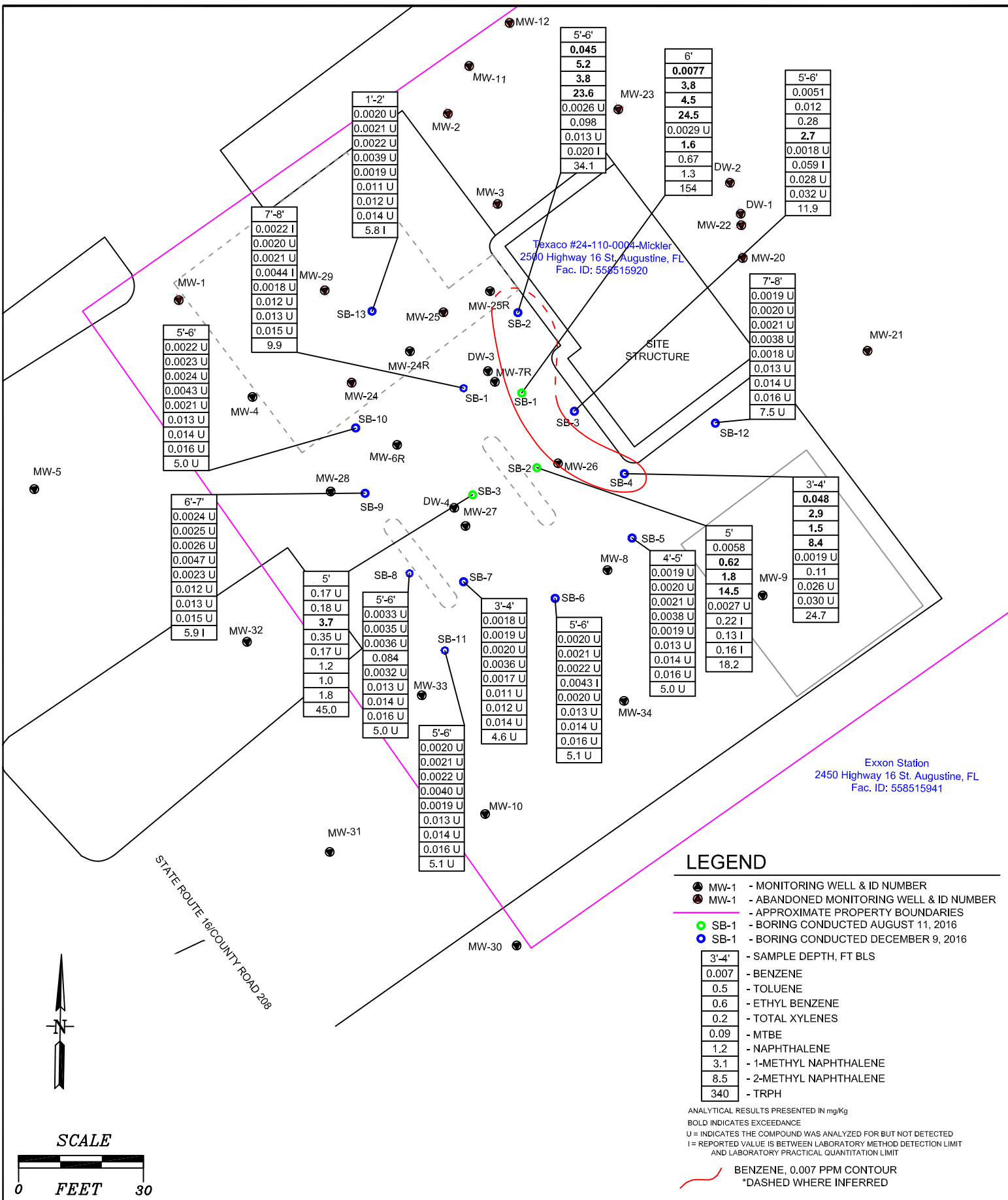
LABORATORY I.D. NUMBER

*** J 2 3 0 8 3 7 1 ***



APPENDIX C



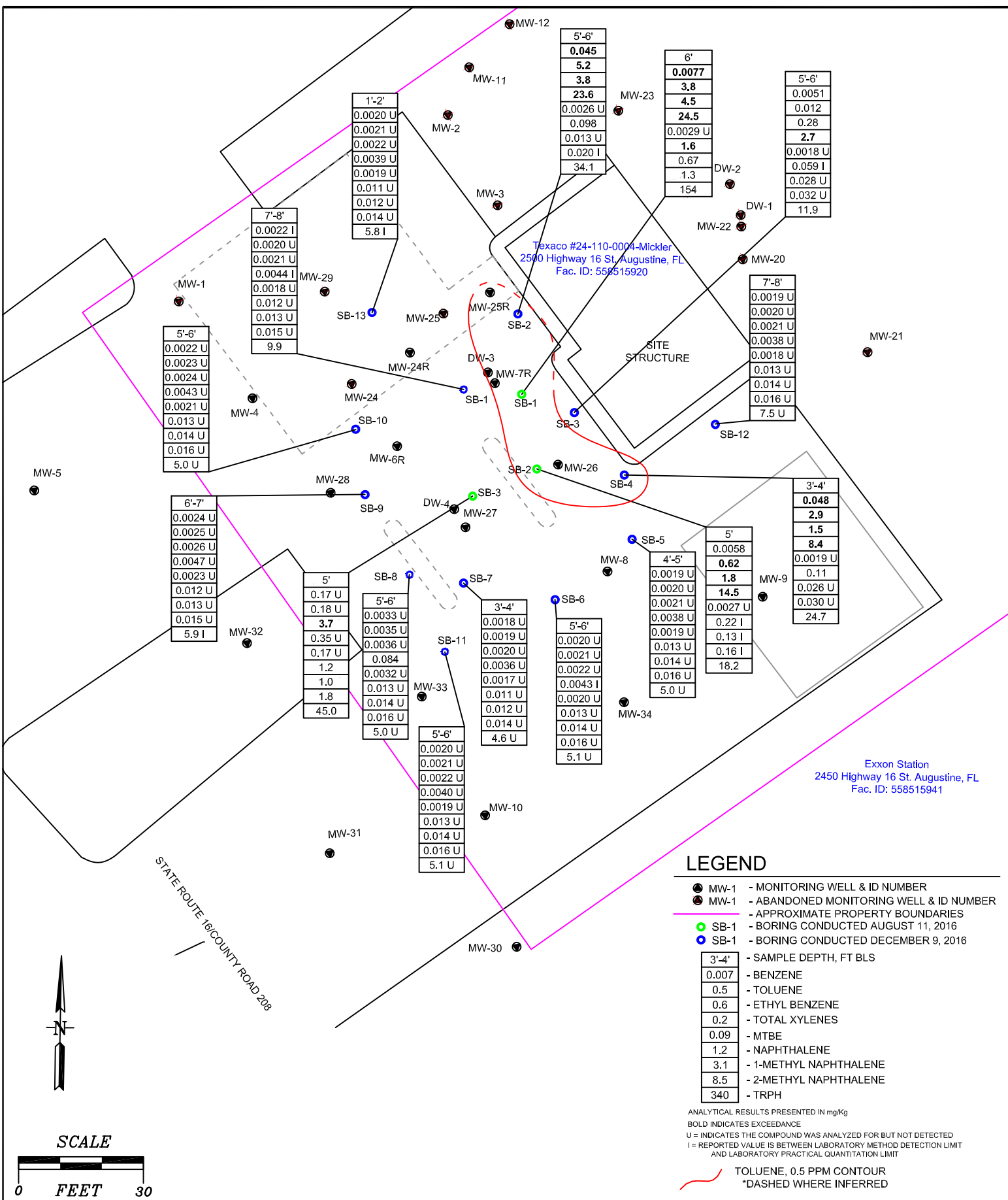


BY	DATE
DRAWN BS	01/25/2017
CHECKED	
APPROVED	
APPROVED	
APPROVED	



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FIGURE 5A		
SOIL HYDROCARBON DISTRIBUTION - BENZENE		
TEXACO #24-110-0004-MICKLER		
FAC ID: 558515920		
ST. AUGUSTINE, FLORIDA		
SCALE: 1" = 30'	DWG. NO.: 47273 SOIL BENZENE.dwg	PROJECT NO. 47273



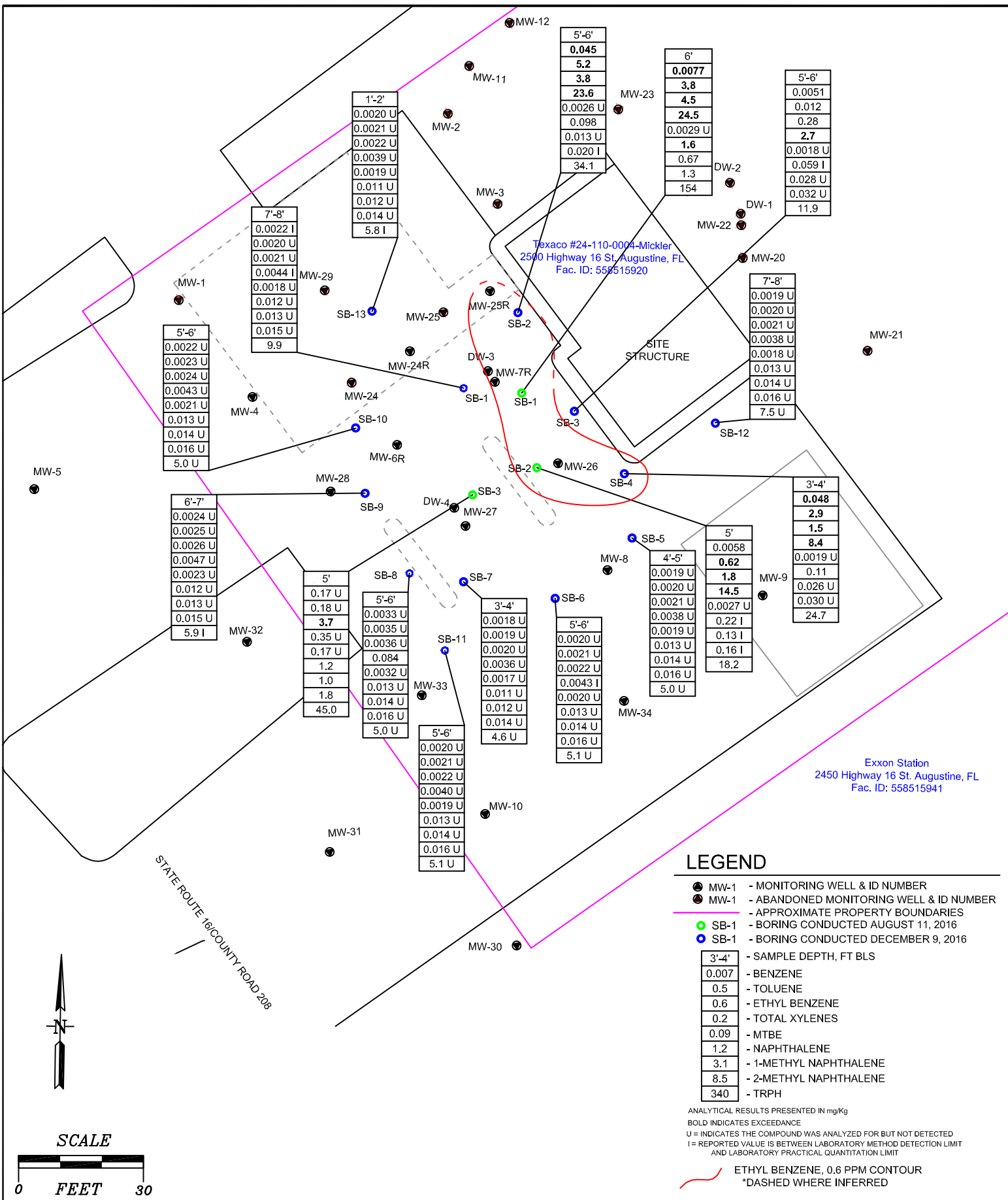
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FIGURE 5B
SOIL HYDROCARBON DISTRIBUTION - TOLUENE
TEXACO #24-110-0004-MICKLER
FAC ID: 558515920
ST. AUGUSTINE, FLORIDA

SCALE:
1" = 30'

DWG. NO.:
47273 SOIL TOLUENE.dwg

PROJECT NO.
47273

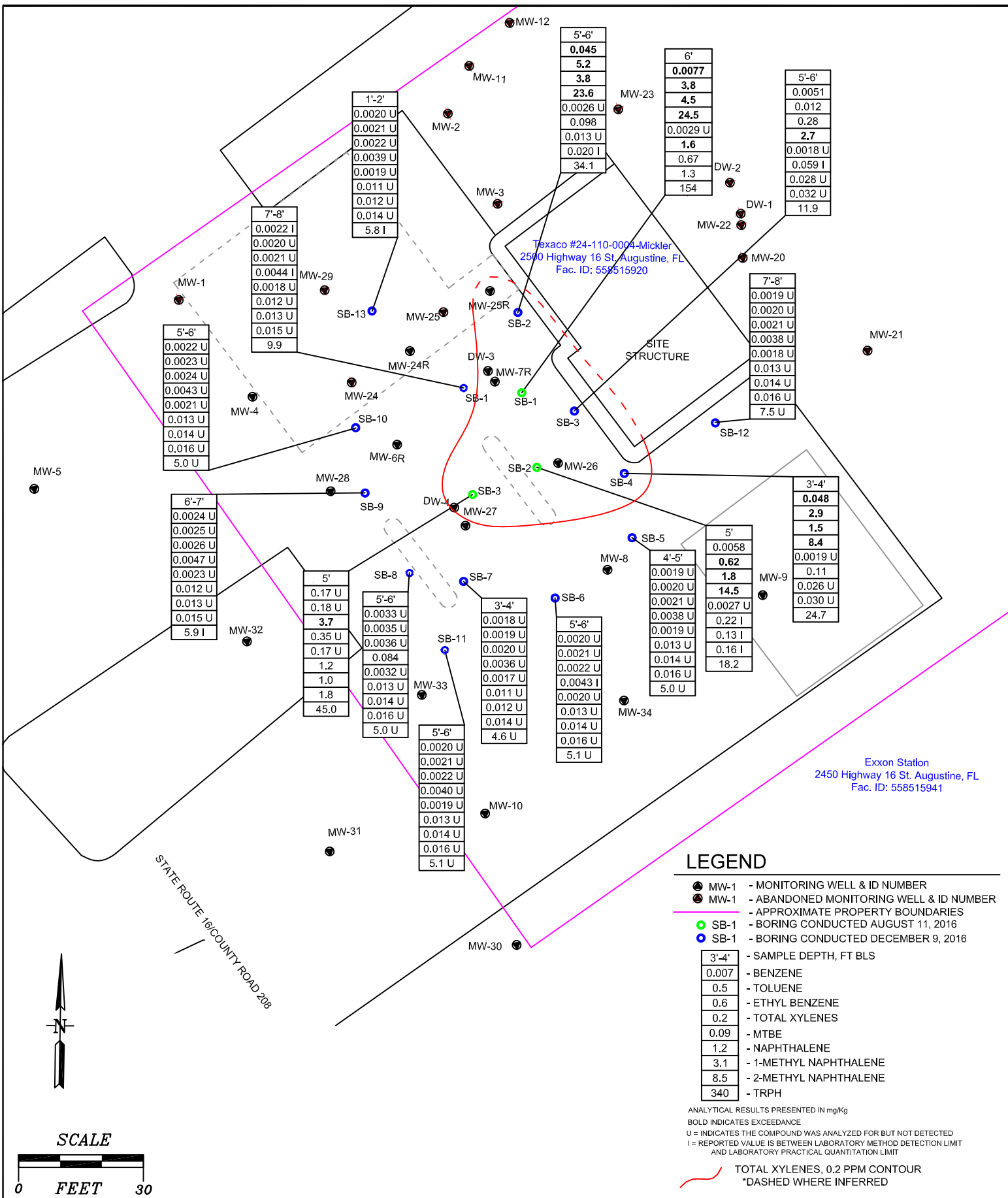


BY	DATE
DRAWN BS	01/25/2017
CHECKED	
APPROVED	
APPROVED	
APPROVED	

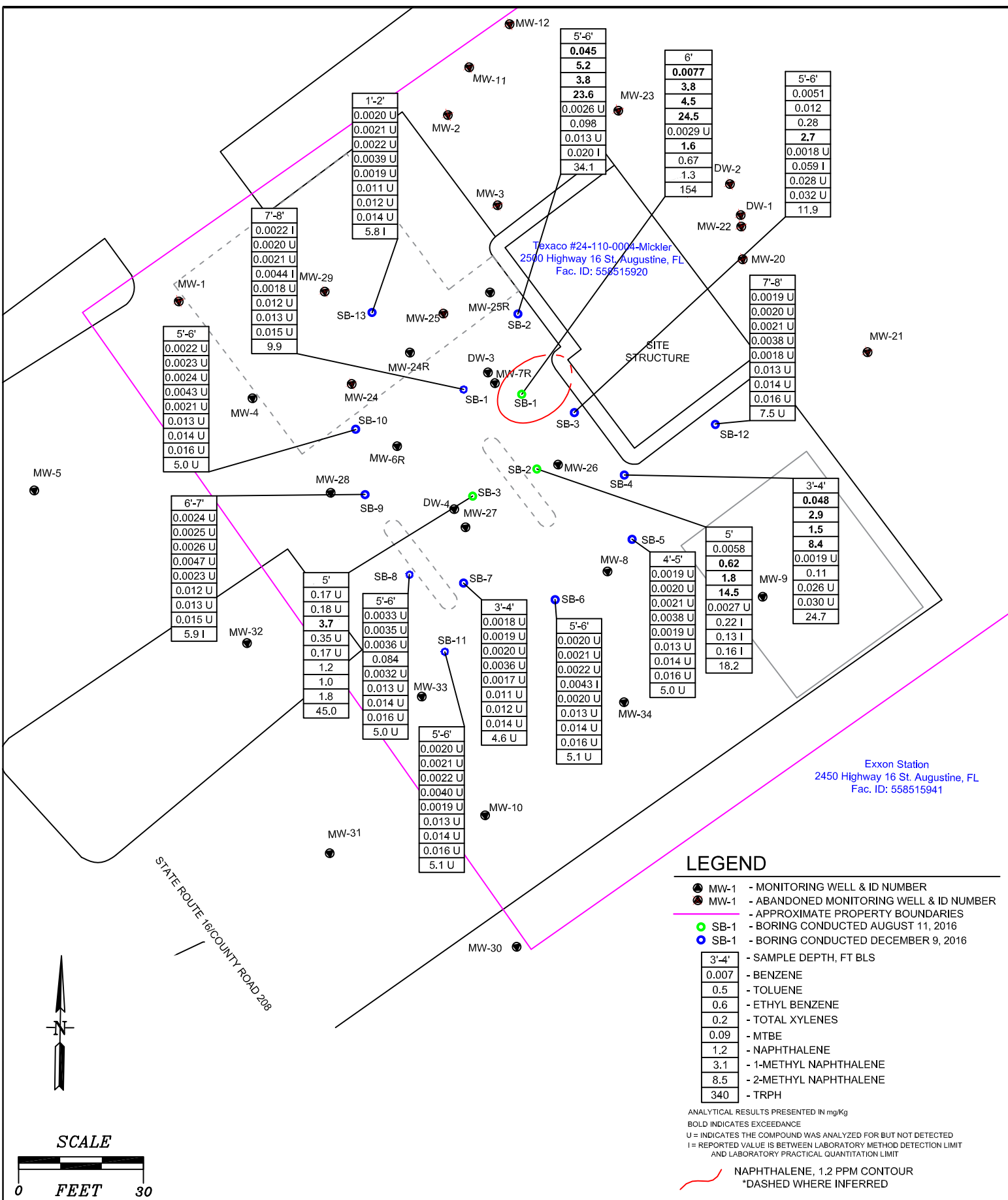


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FAX: 850-434-2168
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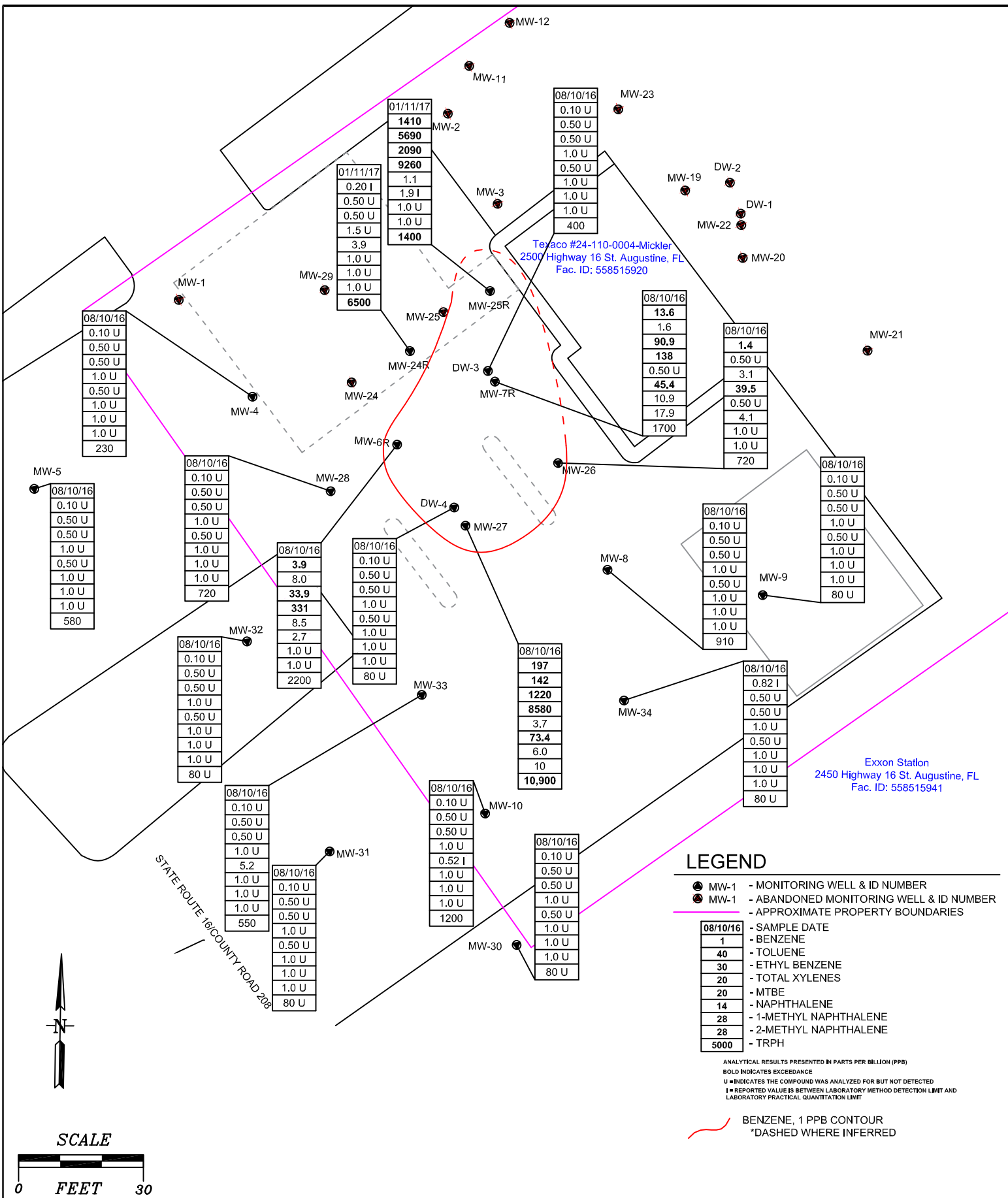
FIGURE 5C		
SOIL HYDROCARBON DISTRIBUTION - ETHYL BENZENE		
TEXACO #24-110-0004-MICKLER		
FAC ID: 558515920		
ST. AUGUSTINE, FLORIDA		
SCALE: 1" = 30'	DWG. NO.: 47273 SOIL ETHYL BENZENE.dwg	PROJECT NO. 47273



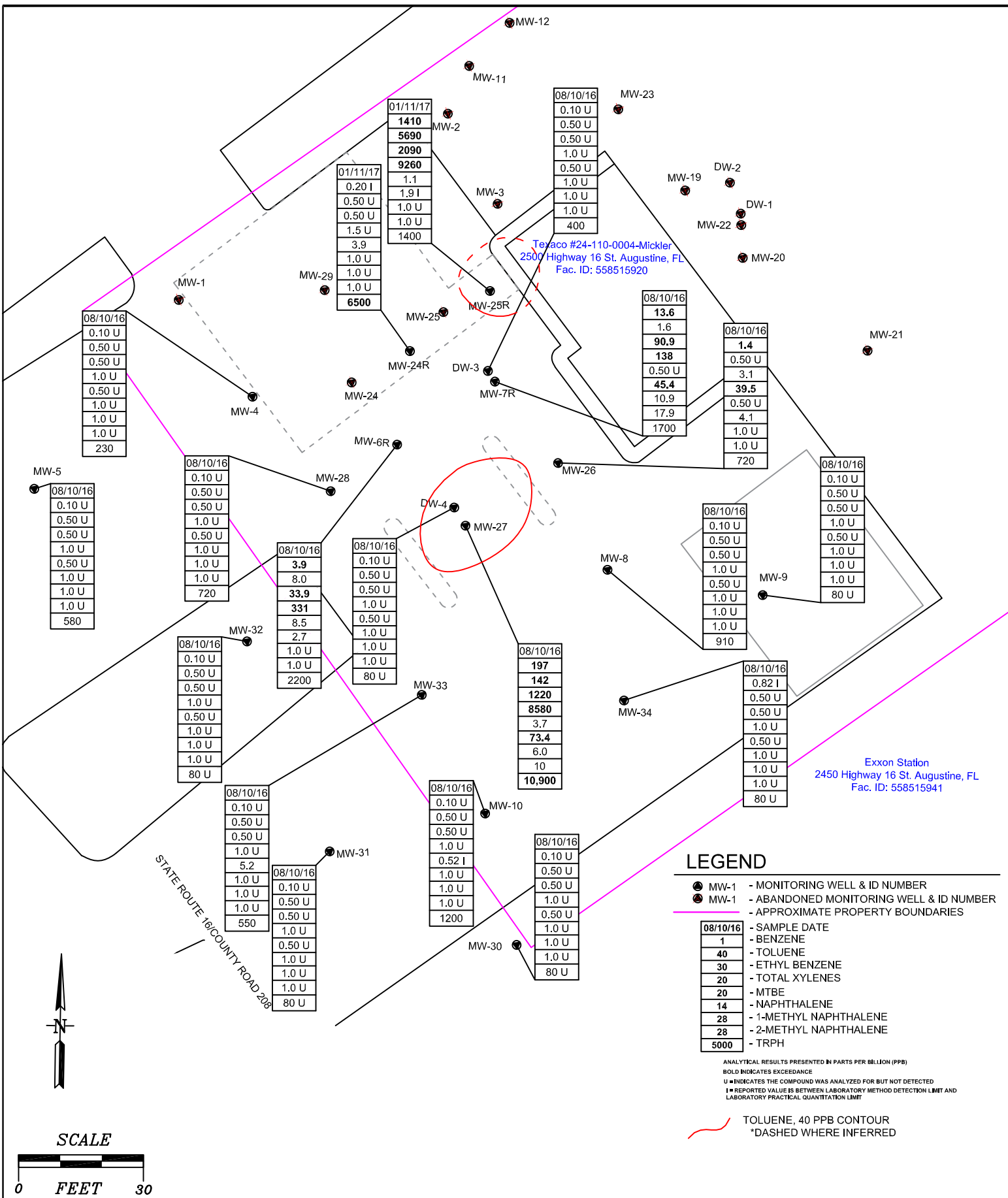
BY DATE DRAWN BS 01/25/2017 CHECKED APPROVED APPROVED APPROVED		FIGURE 5D SOIL HYDROCARBON DISTRIBUTION - TOTAL XYLENES TEXACO #24-110-0004-MICKLER FAC ID: 558515920 ST. AUGUSTINE, FLORIDA	
 Cameron-Cole 200 E. GOVERNMENT STREET, SUITE 100 PENSACOLA, FLORIDA 32502 PHONE: 850-434-1011 FAX: 850-434-2168 http://www.cameron-cole.com		SCALE: 1" = 30'	DWG. NO.: 47273 SOIL_XYLENES.dwg
		PROJECT NO. 47273	



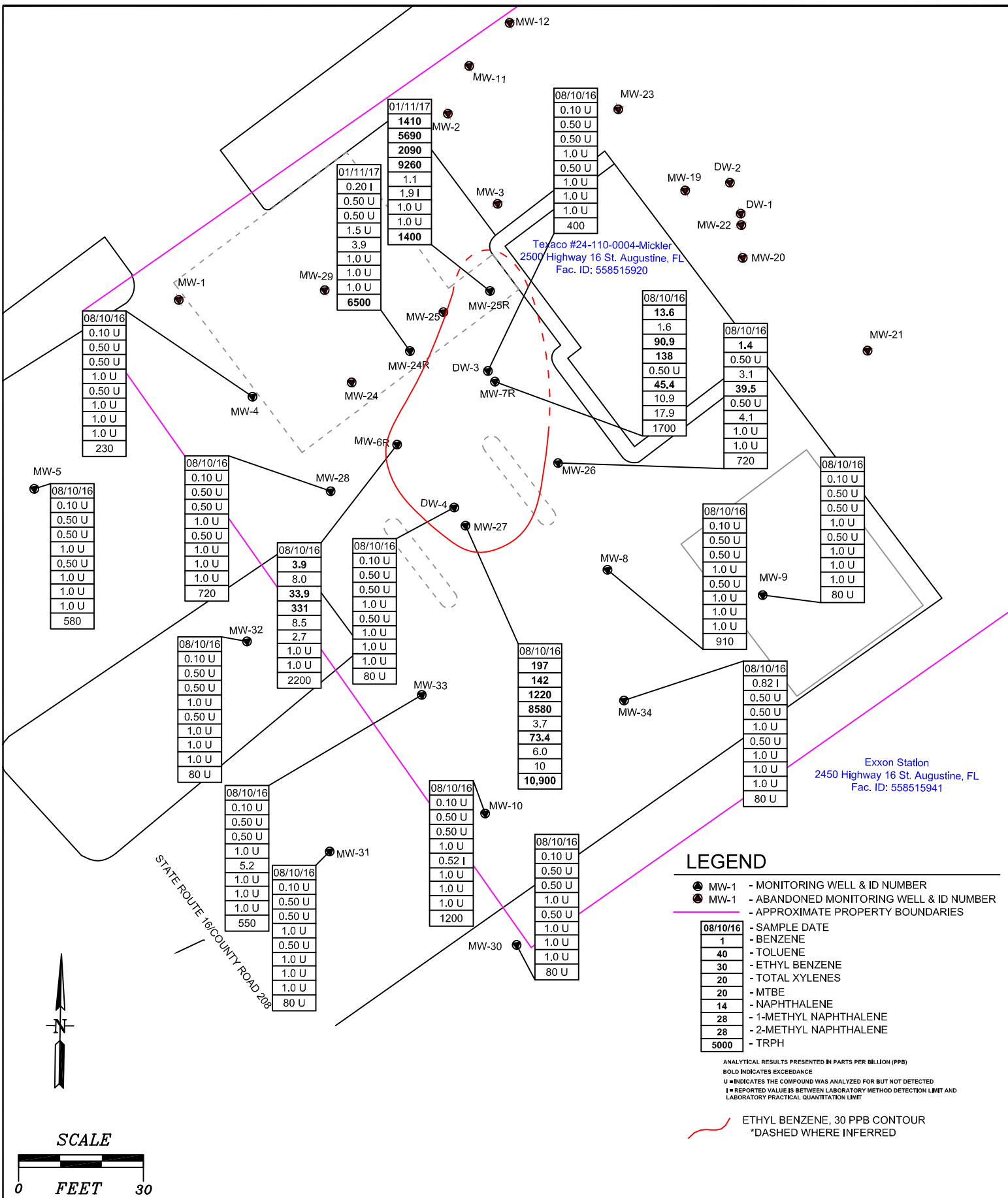
BYDATE DRAWNBS01/25/2017 CHECKED APPROVED APPROVED APPROVED		 Cameron-Cole 200 E. GOVERNMENT STREET, SUITE 100 PENSACOLA, FLORIDA 32502 PHONE: 850-434-1011 FAX: 850-434-2168 http://www.cameron-cole.com	FIGURE 5E SOIL HYDROCARBON DISTRIBUTION - NAPHTHALENE TEXACO #24-110-0004-MICKLER FAC ID: 558515920 ST. AUGUSTINE, FLORIDA		
			SCALE: 1" = 30'	DWG. NO.: 47273 SOIL NAPHTHALENE.dwg	PROJECT NO. 47273



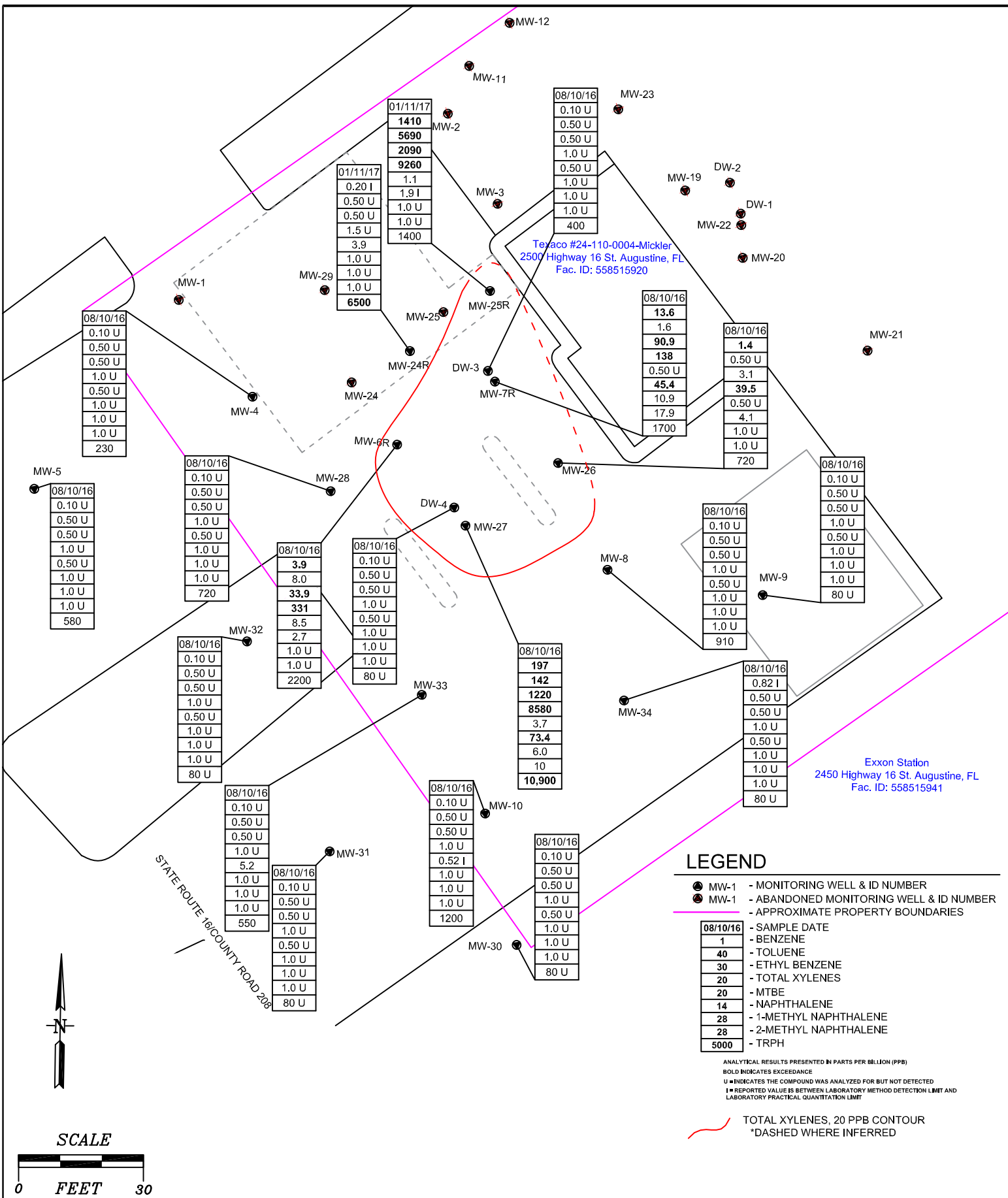
BY DATE DRAWN BS 01/25/2017 CHECKED APPROVED APPROVED APPROVED		FIGURE 6A GROUNDWATER HYDROCARBON DISTRIBUTION - BENZENE TEXACO #24-110-0004-MICKLER FAC ID: 558515920 ST. AUGUSTINE, FLORIDA	
 Cameron-Cole 200 E. GOVERNMENT STREET, SUITE 100 PENSACOLA, FLORIDA 32502 PHONE: 850-434-1011 FAX: 850-434-2168 http://www.cameron-cole.com		SCALE: 1" = 30'	DWG. NO.: 47273 GW BENZENE.dwg
		PROJECT NO.	47273



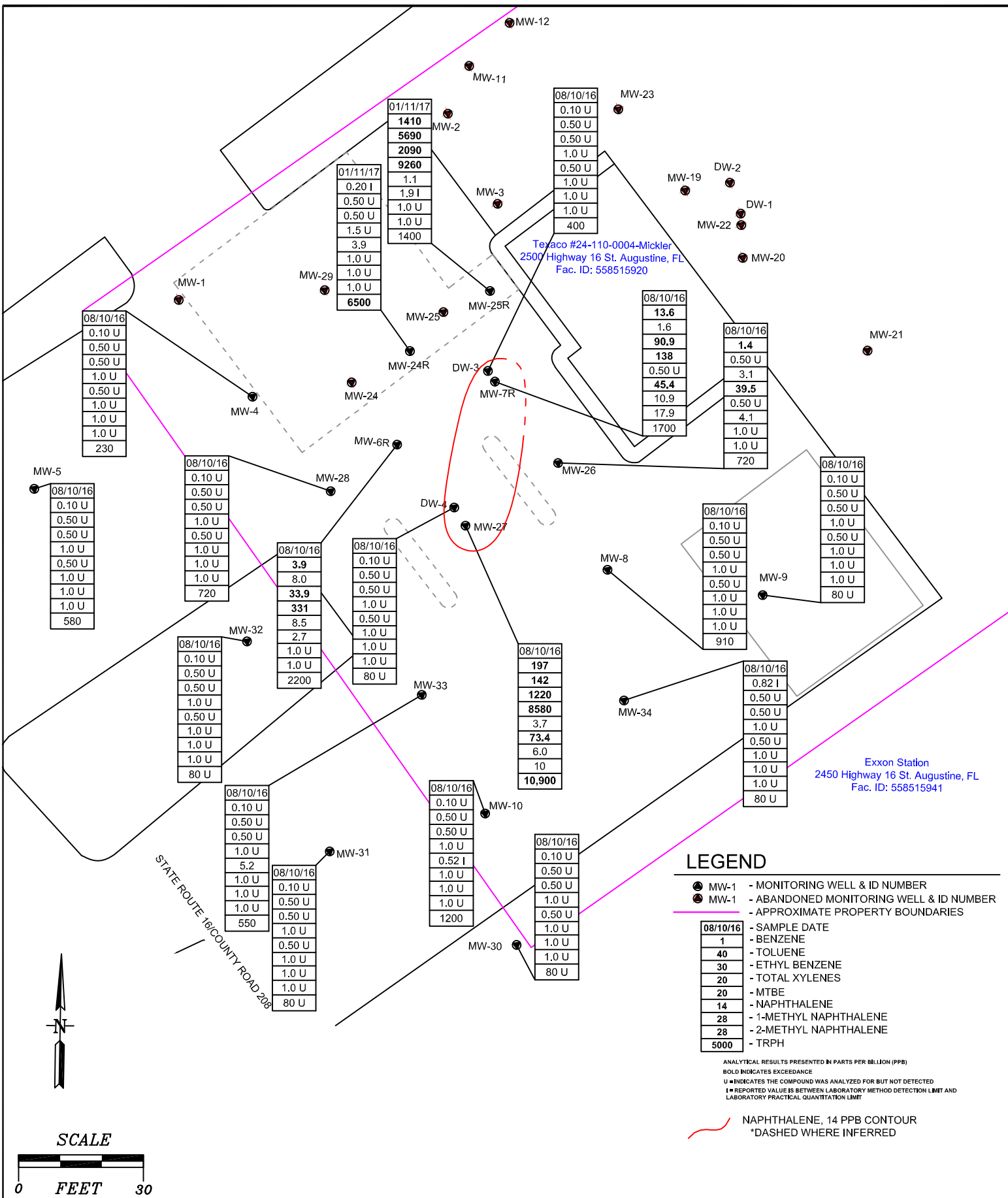
BY DRAWN BS CHECKED APPROVED APPROVED APPROVED		DATE 01/25/2017		FIGURE 6B GROUNDWATER HYDROCARBON DISTRIBUTION - TOLUENE TEXACO #24-110-0004-MICKLER FAC ID: 558515920 ST. AUGUSTINE, FLORIDA	
 Cameron-Cole 200 E. GOVERNMENT STREET, SUITE 100 PENSACOLA, FLORIDA 32502 PHONE: 850-434-1011 FAX: 850-434-2168 http://www.cameron-cole.com		SCALE: 1" = 30'		DWG. NO.: 47273 GW TOLUENE.dwg	
				PROJECT NO. 47273	



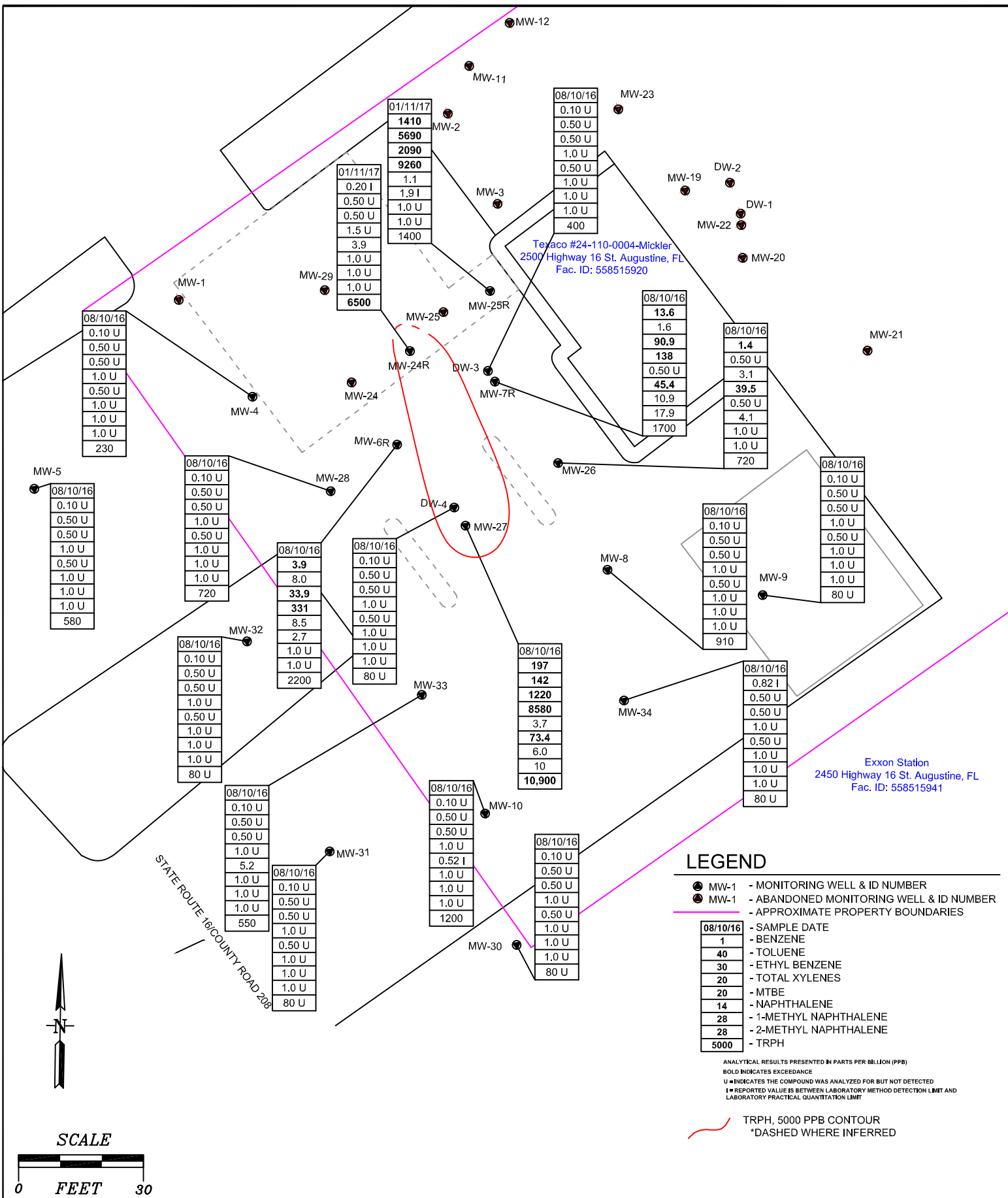
BY DATE		 Cameron-Cole 200 E. GOVERNMENT STREET, SUITE 100 PENSACOLA, FLORIDA 32502 PHONE: 850-434-1011 FAX: 850-434-2168 http://www.cameron-cole.com		FIGURE 6C GROUNDWATER HYDROCARBON DISTRIBUTION - ETHYL BENZENE TEXACO #24-110-0004-MICKLER FAC ID: 558515920 ST. AUGUSTINE, FLORIDA	
DRAWN	BS			SCALE:	DWG. NO.:
CHECKED				1" = 30'	47273 GW ETHYL BENZENE.dwg
APPROVED					
APPROVED					
APPROVED					
				PROJECT NO.	47273



BY DATE		 Cameron-Cole 200 E. GOVERNMENT STREET, SUITE 100 PENSACOLA, FLORIDA 32502 PHONE: 850-434-1011 FAX: 850-434-2168 http://www.cameron-cole.com		FIGURE 6D GROUNDWATER HYDROCARBON DISTRIBUTION - TOTAL XYLENES TEXACO #24-110-0004-MICKLER FAC ID: 558515920 ST. AUGUSTINE, FLORIDA	
DRAWN	BS			SCALE:	DWG. NO.:
CHECKED				1" = 30'	47273 GW XYLENES.dwg
APPROVED					
APPROVED					
APPROVED		PROJECT NO. 47273			



BY DATE		 Cameron-Cole 200 E. GOVERNMENT STREET, SUITE 100 PENSACOLA, FLORIDA 32502 PHONE: 850-434-1011 FAX: 850-434-2168 http://www.cameron-cole.com		FIGURE 6E GROUNDWATER HYDROCARBON DISTRIBUTION - NAPHTHALENE TEXACO #24-110-0004-MICKLER FAC ID: 558515920 ST. AUGUSTINE, FLORIDA	
DRAWN	BS			SCALE:	DWG. NO.:
CHECKED				1" = 30'	47273 GW NAPHTHALENE.dwg
APPROVED				PROJECT NO.	
APPROVED				47273	



BY		DATE		 Cameron-Cole 200 E. GOVERNMENT STREET, SUITE 100 PENSACOLA, FLORIDA 32502 PHONE: 850-434-1011 FAX: 850-434-2168 http://www.cameron-cole.com	FIGURE 6F		
DRAWN	BS	01/25/2017			GROUNDWATER HYDROCARBON DISTRIBUTION - TRPH		
CHECKED					TEXACO #24-110-0004-MICKLER		
APPROVED					FAC ID: 558515920		
APPROVED					ST. AUGUSTINE, FLORIDA		
APPROVED							
				SCALE: 1" = 30'	DWG. NO.: 47273 GW TRPH.dwg	PROJECT NO. 47273	

TABLE I: SOIL SCREENING SUMMARY

Facility Name: Texaco #24-110-0004-Mickler

Facility ID No.: 558515920

SAMPLE				OVA SCREENING RESULTS			
BORING NO.	DATE COLLECTED	DEPTH TO WATER	SAMPLE INTERVAL (FBLs)	UNFILTERED OVA READING (ppm)	FILTERED OVA READING (ppm)	NET OVA READING (ppm)	COMMENTS
FO-1	04/12/91	--	2	8	6	2	
FO-2	04/12/91	--	2	0	--	0	
FO-3	04/12/91	--	2	0	--	0	
FO-4	04/12/91	--	4	11	7	4	
FO-5	04/12/91	--	4	17	17	0	
FO-6	04/12/91	--	4	300	140	160	
FO-7	04/12/91	--	4	0	--	0	
SB-1	08/11/16	7	1	--	--	<10	
			2	--	--	<10	
			3	--	--	<10	
			4	--	--	1979	Sample collected
			5	--	--	1534	
			7	--	--	1779	
			9	--	--	1954	
SB-2	08/11/16	6	1	--	--	<10	
			2	--	--	<10	
			3	--	--	<10	
			4	--	--	111	
			5	--	--	967	Sample collected
			7	--	--	346	
			9	--	--	218	
			10	--	--	102	
SB-3	08/11/16	6	1	--	--	<10	
			2	--	--	<10	
			3	--	--	<10	
			4	--	--	113	
			5	--	--	701	Sample collected
			7	--	--	1244	
			9	--	--	153	
SB-1	12/09/16	--	1	--	--	<10	
			2	--	--	<10	
			3	--	--	<10	
			4	--	--	<10	
			5	--	--	<10	
			6	--	--	<10	
			7	--	--	<10	
			8	--	--	<10	Sample collected

Soil samples were screened with an organic vapor analyzer (OVA) equipped with a flame ionization detector.

FBLs = Feet below land surface

PPM = Parts per Million

TABLE I: SOIL SCREENING SUMMARY

Facility Name: Texaco #24-110-0004-Mickler

Facility ID No.: 558515920

SAMPLE				OVA SCREENING RESULTS			
BORING NO.	DATE COLLECTED	DEPTH TO WATER	SAMPLE INTERVAL (FBLs)	UNFILTERED OVA READING (ppm)	FILTERED OVA READING (ppm)	NET OVA READING (ppm)	COMMENTS
SB-2	12/09/16	--	1	--	--	<10	
			2	--	--	<10	
			3	--	--	<10	
			4	--	--	<10	
			5	--	--	27	
			6	--	--	32	Sample collected
			7	--	--	<10	
			8	--	--	<10	
SB-3	12/09/16	--	1	--	--	<10	
			2	--	--	<10	
			3	--	--	<10	
			4	--	--	<10	
			5	--	--	<10	
			6	--	--	70	Sample collected
SB-4	12/09/16	6	1	--	--	<10	
			2	--	--	<10	
			3	--	--	<10	
			4	--	--	<10	Sample collected
			5	--	--	<10	
			6	--	--	<10	
			7	--	--	<10	
SB-5	12/09/16	7	1	--	--	<10	
			2	--	--	<10	
			3	--	--	<10	
			4	--	--	<10	
			5	--	--	<10	Sample collected
			6	--	--	<10	
			7	--	--	<10	
			8	--	--	<10	
SB-6	12/09/16	6	1	--	--	<10	
			2	--	--	<10	
			3	--	--	<10	
			4	--	--	<10	
			5	--	--	<10	
			6	--	--	<10	Sample collected
			7	--	--	<10	

Soil samples were screened with an organic vapor analyzer (OVA) equipped with a flame ionization detector.

FBLs = Feet below land surface

PPM = Parts per Million

TABLE I: SOIL SCREENING SUMMARY

Facility Name: Texaco #24-110-0004-Mickler

Facility ID No.: 558515920

SAMPLE				OVA SCREENING RESULTS			
BORING NO.	DATE COLLECTED	DEPTH TO WATER	SAMPLE INTERVAL (FBLs)	UNFILTERED OVA READING (ppm)	FILTERED OVA READING (ppm)	NET OVA READING (ppm)	COMMENTS
SB-7	12/09/16	6	1	--	--	<10	
			2	--	--	<10	
			3	--	--	<10	
			4	--	--	<10	Sample collected
			5	--	--	<10	
			6	--	--	<10	
			7	--	--	<10	
			8	--	--	<10	
SB-8	12/09/16	6	1	--	--	<10	
			2	--	--	<10	
			3	--	--	<10	
			4	--	--	<10	
			5	--	--	<10	
			6	--	--	<10	Sample collected
			7	--	--	<10	
			8	--	--	<10	
SB-9	12/09/16	6	1	--	--	<10	
			2	--	--	<10	
			3	--	--	<10	
			4	--	--	<10	
			5	--	--	<10	
			6	--	--	<10	
			7	--	--	<10	Sample collected
SB-10	12/09/16	5	1	--	--	<10	
			2	--	--	<10	
			3	--	--	<10	
			4	--	--	<10	
			5	--	--	<10	
			6	--	--	<10	Sample collected
			7	--	--	<10	
SB-11	12/09/16	6	1	--	--	<10	
			2	--	--	<10	
			3	--	--	<10	
			4	--	--	<10	
			5	--	--	<10	
			6	--	--	<10	Sample collected
			7	--	--	<10	

Soil samples were screened with an organic vapor analyzer (OVA) equipped with a flame ionization detector.

FBLs = Feet below land surface

PPM = Parts per Million

TABLE I: SOIL SCREENING SUMMARY

Facility Name: Texaco #24-110-0004-Mickler

Facility ID No.: 558515920

SAMPLE				OVA SCREENING RESULTS			
BORING NO.	DATE COLLECTED	DEPTH TO WATER	SAMPLE INTERVAL (FBLs)	UNFILTERED OVA READING (ppm)	FILTERED OVA READING (ppm)	NET OVA READING (ppm)	COMMENTS
SB-12	12/09/16	7	1	--	--	<10	
			2	--	--	<10	
			3	--	--	<10	
			4	--	--	<10	
			5	--	--	<10	
			6	--	--	<10	
			7	--	--	<10	
			8	--	--	<10	Sample collected
SB-13	12/09/16	--	1	--	--	<10	
			2	--	--	<10	Sample collected
			3	--	--	<10	
			4	--	--	<10	

Soil samples were screened with an organic vapor analyzer (OVA) equipped with a flame ionization detector.

FBLs = Feet below land surface

PPM = Parts per Million

TABLE 2: SOIL ANALYTICAL SUMMARY - VOAs and TRPHsFacility Name: **Texaco #24-I 10-0004-Mickler**Facility ID No.: **558515920**

Sample				OVA	Laboratory Analyses						Comments
Boring/ Well No.	Date Collected	Depth to Water (ft)	Sample Interval (ft)	Net OVA Reading (ppm)	Benzene (mg/kg)	Toluene (mg/kg)	Ethyl benzene (mg/kg)	Total Xylenes (mg/kg)	MTBE (mg/kg)	TRPHs (mg/kg)	
SB-1 (4)	08/11/16	7	4	1979	0.0077	3.8	4.5	24.5	0.0029 U	154	
SB-2 (5)	08/11/16	6	5	967	0.0058	0.62	1.8	14.5	0.0027 U	18.2	
SB-3 (5)	08/11/16	6	5	701	0.17 U	0.18 U	3.7	0.35 U	0.17 U	45.0	
SB-1 (7-8)	12/09/16	--	8	<10	0.0022 I	0.0022 U	0.0021 U	0.0044 I	0.0018 U	9.9	
SB-2 (5-6)	12/09/16	--	6	32	0.045	5.2	3.8	23.6	0.0026 U	34.1	
SB-3 (5-6)	12/09/16	--	6	70	0.0051	0.012	0.28	2.7	0.0018 U	11.9	
SB-4 (3-4)	12/09/16	6	4	<10	0.048	2.9	1.5	8.4	0.0019 U	24.7	
SB-5 (4-5)	12/09/16	7	5	<10	0.0019 U	0.0020 U	0.0021 U	0.0038 U	0.0019 U	5.0 U	
SB-6 (5-6)	12/09/16	6	6	<10	0.0020 U	0.0021 U	0.0022 U	0.0043 I	0.0020 U	5.1 U	
SB-7 (3-4)	12/09/16	6	4	<10	0.0018 U	0.0019 U	0.0020 U	0.0036 U	0.0017 U	4.6 U	
SB-8 (5-6)	12/09/16	6	6	<10	0.0033 U	0.0035 U	0.0036 U	0.084	0.0032 U	5.0 U	
SB-9 (6-7)	12/09/16	6	7	<10	0.0024 U	0.0025 U	0.0026 U	0.0047 U	0.0023 U	5.9 I	
SB-10 (5-6)	12/09/16	5	6	<10	0.0022 U	0.0023 U	0.0024 U	0.0043 U	0.0021 U	5.0 U	
SB-11 (5-6)	12/09/16	6	6	<10	0.0020 U	0.0021 U	0.0022 U	0.0040 U	0.0019 U	5.1 U	
SB-12 (7-8)	12/09/16	7	8	<10	0.0019 U	0.0020 U	0.0021 U	0.0038 U	0.0018 U	7.5 U	
SB-13 (1-2)	12/09/16	--	2	<10	0.0020 U	0.0021 U	0.0022 U	0.0039 U	0.0019 U	5.8 I	
SCTL - Leachability Based on Groundwater Criteria (mg/kg)					0.007	0.5	0.6	0.2	0.09	340	
SCTL - Direct Exposure Residential (mg/kg)					1.2	7500	1500	130	4400	460	
SCTL - Direct Exposure Commercial/Industrial (mg/Kg)					1.7	6000	9200	700	24000	2700	

SCTL = Soil Cleanup Target Levels from Chapter 62-777, F.A.C.

Analytical results presented in parts per million (mg/kg) unless otherwise indicated.

OVA = Organic vapor analyzer

ppm = Parts per million

MTBE = Methyl tert-butyl ether

TRPH = Total recoverable petroleum hydrocarbons.

U = Indicates 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.

Bold = The value exceeds the Cleanup Target Level

TABLE 3: SOIL ANALYTICAL SUMMARY - Non-Carcinogenic PAHs

Facility Name: Texaco #24-110-0004-Mickler

Facility ID No.: 558515920

See notes at end of table.

Sample				OVA	Laboratory Analyses											Comments
Boring/ Well No.	Date Collected	Depth to Water	Sample Interval	Net OVA Reading	Naph- thalene (mg/kg)	1-Methyl- naph- thalene (mg/kg)	2-Methyl- naph- thalene (mg/kg)	Acen- aph- thene (mg/kg)	Acen- aph- thylene (mg/kg)	Anthra- cene (mg/kg)	Benzo (g,h,i) pery- lene (mg/kg)	Fluoran- thene (mg/kg)	Fluor- ene (mg/kg)	Phenan- threne (mg/kg)	Pyrene (mg/kg)	
SB-1 (4)	08/11/16	7	4	1979	1.6	0.67	1.3	0.10 U	0.087 U	0.085 U	0.10 U	0.091 U	0.13 U	0.11 U	0.14 U	
SB-2 (5)	08/11/16	6	5	967	0.221	0.131	0.161	0.10 U	0.087 U	0.086 U	0.10 U	0.092 U	0.13 U	0.11 U	0.14 U	
SB-3 (5)	08/11/16	6	5	701	1.2	1.0	1.8	0.096 U	0.082 U	0.080 U	0.094 U	0.086 U	0.12 U	0.099 U	0.13 U	
SB-1 (7-8)	12/09/16	--	8	<10	0.012 U	0.013 U	0.015 U	0.014 U	0.012 U	0.012 U	0.014 U	0.012 U	0.017 U	0.014 U	0.019 U	
SB-2 (5-6)	12/09/16	--	6	32	0.098	0.013 U	0.0201	0.014 U	0.012 U	0.011 U	0.013 U	0.012 U	0.017 U	0.014 U	0.019 U	
SB-3 (5-6)	12/09/16	--	6	70	0.0591	0.028 U	0.032 U	0.029 U	0.025 U	0.024 U	0.029 U	0.026 U	0.036 U	0.030 U	0.040 U	
SB-4 (3-4)	12/09/16	6	4	<10	0.11	0.026 U	0.030 U	0.027 U	0.023 U	0.023 U	0.027 U	0.024 U	0.034 U	0.028 U	0.038 U	
SB-5 (4-5)	12/09/16	7	5	<10	0.013 U	0.014 U	0.016 U	0.014 U	0.012 U	0.012 U	0.014 U	0.013 U	0.018 U	0.015 U	0.020 U	
SB-6 (5-6)	12/09/16	6	6	<10	0.013 U	0.014 U	0.016 U	0.014 U	0.012 U	0.012 U	0.014 U	0.013 U	0.018 U	0.015 U	0.020 U	
SB-7 (3-4)	12/09/16	6	4	<10	0.011 U	0.012 U	0.014 U	0.013 U	0.011 U	0.011 U	0.013 U	0.011 U	0.016 U	0.013 U	0.018 U	
SB-8 (5-6)	12/09/16	6	6	<10	0.013 U	0.014 U	0.016 U	0.015 U	0.013 U	0.012 U	0.014 U	0.013 U	0.018 U	0.015 U	0.020 U	
SB-9 (6-7)	12/09/16	6	7	<10	0.012 U	0.013 U	0.015 U	0.014 U	0.012 U	0.012 U	0.014 U	0.012 U	0.017 U	0.014 U	0.019 U	
SB-10 (5-6)	12/09/16	5	6	<10	0.013 U	0.014 U	0.016 U	0.014 U	0.012 U	0.012 U	0.014 U	0.013 U	0.018 U	0.015 U	0.020 U	
SB-11 (5-6)	12/09/16	6	6	<10	0.013 U	0.014 U	0.016 U	0.015 U	0.012 U	0.012 U	0.014 U	0.013 U	0.018 U	0.015 U	0.020 U	
SB-12 (7-8)	12/09/16	7	8	<10	0.013 U	0.014 U	0.016 U	0.015 U	0.012 U	0.012 U	0.014 U	0.013 U	0.018 U	0.015 U	0.020 U	
SB-13 (1-2)	12/09/16	--	2	<10	0.011 U	0.012 U	0.014 U	0.013 U	0.011 U	0.011 U	0.013 U	0.011 U	0.016 U	0.013 U	0.018 U	
SCTL - Leachability Based on Groundwater Criteria (mg/kg)					1.2	3.1	8.5	2.1	27	2,500	32,000	1,200	160	250	880	
SCTL - Direct Exposure Residential (mg/kg)					55	200	210	2,400	1,800	21,000	2,500	3,200	2,600	2,200	2,400	
SCTL - Direct Exposure Commercial/Industrial (mg/Kg)					300	1800	2100	20,000	20,000	300,000	52,000	59,000	33,000	36,000	45,000	

SCTL = Soil Cleanup Target Levels from Chapter 62-777, F.A.C.

OVA = Organic vapor analyzer

ppm = Parts per million

I = The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit.

U = Indicates the compound was analyzed for but not detected.

Bold = The value exceeds the Cleanup Target Level

TABLE 4: SOIL ANALYTICAL SUMMARY - Carcinogenic PAHs

Facility Name: Texaco #24-110-000-4-Mickler

Facility ID No.: 558515920

Sample				OVA	Laboratory Analyses							Comments
Boring/ Well No.	Date Collected	Depth to Water (ft)	Sample Interval (fbls)	Net OVA Reading (ppm)	Benzo (a) pyrene (mg/kg)	Benzo (a) anthra- cene (mg/kg)	Benzo (b) fluoran- thene (mg/kg)	Benzo (k) fluoran- thene (mg/kg)	Chry- sene (mg/kg)	Dibenz (a,h) anthra- cene (mg/kg)	Indeno (1,2,3-cd) pyrene (mg/kg)	
SB-1 (4)	08/11/16	7	4	1979	0.033 U	0.081 U	0.21 U	0.060 U	0.099 U	0.14 U	0.14 U	
SB-2 (5)	08/11/16	6	5	967	0.033 U	0.081 U	0.21 U	0.061 U	0.10 U	0.14 U	0.14 U	
SB-3 (5)	08/11/16	6	5	701	0.031 U	0.076 U	0.20 U	0.057 U	0.094 U	0.13 U	0.13 U	
SB-1 (7-8)	12/09/16	--	8	<10	0.0044 U	0.011 U	0.029 U	0.0082 U	0.014 U	0.019 U	0.019 U	
SB-2 (5-6)	12/09/16	--	6	32	0.0044 U	0.011 U	0.028 U	0.0081 U	0.013 U	0.019 U	0.019 U	
SB-3 (5-6)	12/09/16	--	6	70	0.0093 U	0.023 U	0.060 U	0.017 U	0.028 U	0.040 U	0.040 U	
SB-4 (3-4)	12/09/16	6	4	<10	0.025 I	0.026 I	0.18	0.016 U	0.027 U	0.038 U	0.038 U	
SB-5 (4-5)	12/09/16	7	5	<10	0.0046 U	0.011 U	0.030 U	0.0085 U	0.014 U	0.020 U	0.020 U	
SB-6 (5-6)	12/09/16	6	6	<10	0.0046 U	0.011 U	0.030 U	0.0085 U	0.014 U	0.020 U	0.020 U	
SB-7 (3-4)	12/09/16	6	4	<10	0.0041 U	0.010 U	0.026 U	0.0076 U	0.012 U	0.018 U	0.018 U	
SB-8 (5-6)	12/09/16	6	6	<10	0.0047 U	0.012 U	0.030 U	0.0087 U	0.014 U	0.020 U	0.020 U	
SB-9 (6-7)	12/09/16	6	7	<10	0.0044 U	0.011 U	0.029 U	0.0082 U	0.014 U	0.019 U	0.019 U	
SB-10 (5-6)	12/09/16	5	6	<10	0.0045 U	0.011 U	0.029 U	0.0084 U	0.014 U	0.020 U	0.020 U	
SB-11 (5-6)	12/09/16	6	6	<10	0.0047 U	0.012 U	0.030 U	0.0086 U	0.014 U	0.020 U	0.020 U	
SB-12 (7-8)	12/09/16	7	8	<10	0.0047 U	0.012 U	0.030 U	0.0086 U	0.014 U	0.020 U	0.020 U	
SB-13 (1-2)	12/09/16	--	2	<10	0.0053 I	0.010 U	0.026 U	0.0076 U	0.012 U	0.018 U	0.018 U	
SCTL -Leachability Based on Groundwater Criteria (mg/kg)					8	0.8	2.4	24	77	0.7	6.6	
SCTL - Direct Exposure Residential (mg/kg)					0.1	#	#	#	#	#	#	
SCTL - Direct Exposure Commercial/Industrial (mg/Kg)					0.7	#	#	#	#	#	#	

SCTL = Soil Cleanup Target Levels from Chapter 62-777, F.A.C.

OVA = Organic vapor analyzer

ppm = Parts per million

U = Indicates 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.

Bold = The value exceeds the Cleanup Target Level

= Must be converted to the benzo(a)pyrene equivalent.

TABLE 5: SOIL SPLP - BTEX+MTBE

Facility Name: Texaco #24-110-0004-Mickler

Facility ID No.: 558515920

Boring/ Well No.	Date Collected	Depth to Water (ft)	Sample Interval (fbls)	Net OVA Reading (ppm)	Benzene (µg/L)	Toluene (µg/L)	Ethyl Benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)
SB-1 (4)	08/11/16	7	4	1,979	0.10 U	9.6	69.1	5.3	0.50 U
SB-2 (5)	08/11/16	6	5	967	0.10 U	59.3	26.1	222	0.50 U
SB-3 (5)	08/11/16	6	5	701	0.10 U	114	104	532	0.50 U
SB-2 (5-6)	12/09/16	--	6	32	0.40 I	53.8	28.8	216	0.50 U
SB-3 (5-6)	12/09/16	--	6	70	0.19 I	0.57 I	6.3	59.8	0.50 U
SB-4 (3-4)	12/09/16	6	4	<10	0.10 U	1.8	2.1	11.8	0.50 U
					1	40	30	20	20
NADCs					100	400	300	200	200

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.

OVA = Organic vapor analyzer

ppm = Parts per million

MTBE = Methyl tert-butyl ether

U = Indicates the compound was analyzed for but not detected.

Bold = The value exceeds the Cleanup Target Level

TABLE 6: SOIL SPLP - PAHs

Facility Name: Texaco #24-110-0004-Mickler

Facility ID No.: 558515920

Boring/ Well No.	Date Collected	Depth to Water	Sample Interval	Net OVA Reading	Naph- thalene (ug/L)	1-Methyl- naph- thalene (ug/L)	2-Methyl- naph- thalene (ug/L)	Acen- aph- thene (ug/L)	Acen- aph- thylene (ug/L)	Anthra- cene (ug/L)	Benzo (g,h,i) pory- (ug/L)	Fluoran- thene (ug/L)	Fluor- ene (ug/L)	Phenan- threne (ug/L)	Pyrene (ug/L)	Benzo (a) pyrene (ug/L)	Benzo (a) anthra- (ug/L)	Benzo (b) fluoran- (ug/L)	Benzo (k) fluoran- (ug/L)	Chry- sene (ug/L)	Dibenz (a,h) anthra- (ug/L)	Indeno (1,2,3-cd) pyrene (ug/L)	
SB-1 (4)	08/11/16	7	4	1979	6.1	2.0 I	3.4	0.025 U	0.025 U	0.025 U	0.028 U	0.025 U	0.029 I	0.050 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	
SB-2 (5)	08/11/16	6	5	967	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
SB-3 (5)	08/11/16	6	5	701	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
		GCTLs			14	28	28	20	210	210	210	280	280	210	210	0.2**	0.05*						
		NADCs			140	280	280	200	2100	2100	2100	2800	2800	2100	2100	20	5	5	50	480	0.005*	0.5	5

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.

OVA = Organic vapor analyzer

ppm = Parts per million

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

* = 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 = Indicates 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.

Bold = The value exceeds the Cleanup Target Level.

APPENDIX D



LEGEND

- APPROXIMATE BOUNDARY LINE
- ABOVE GROUND ELECTRIC LINE
- MONITORING WELL LOCATION
- DEEP MONITORING WELL LOCATION
- ABANDONED MONITORING WELL LOCATION

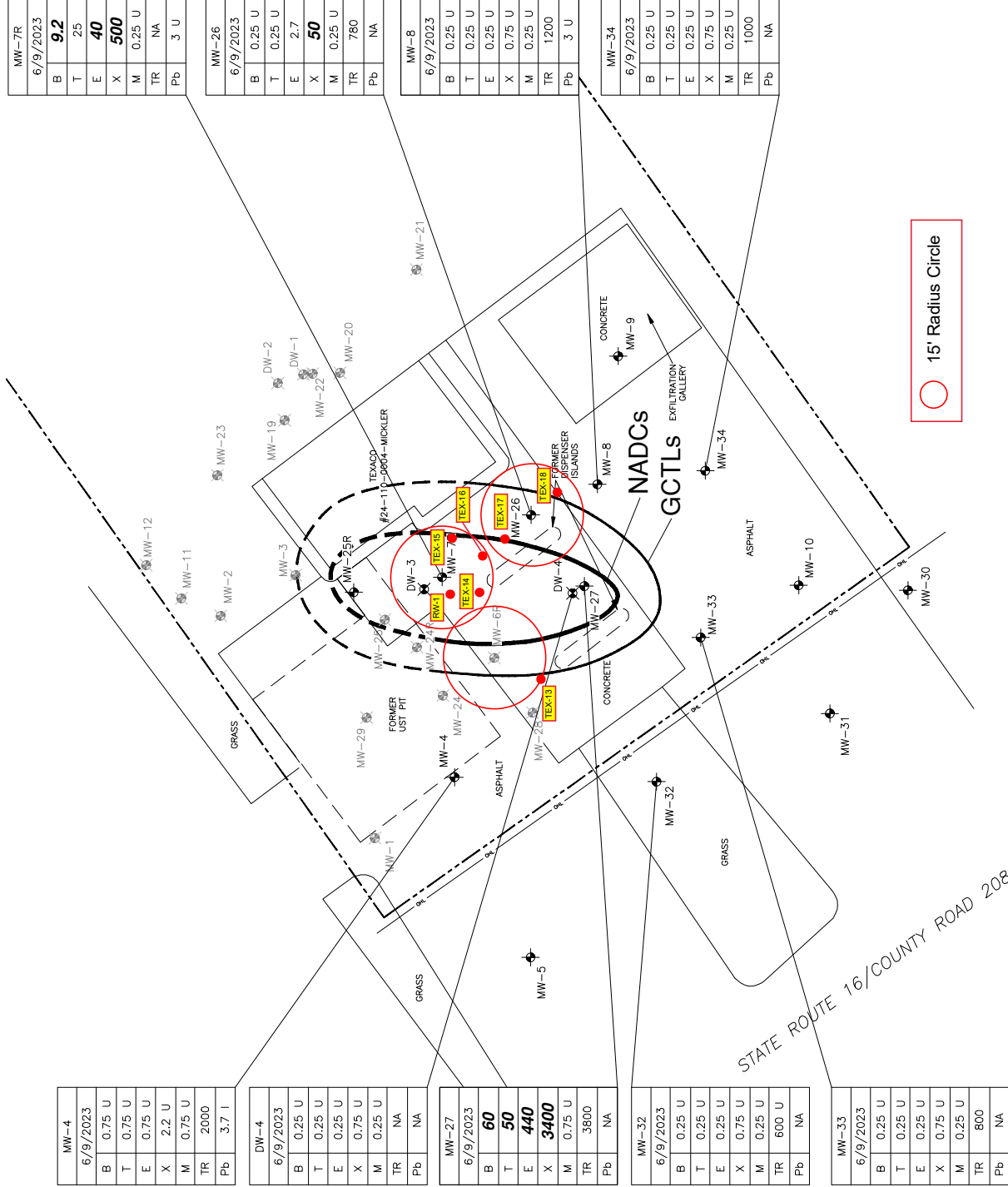
WELL ID		SAMPLE DATE	
MW-#	M/D/Y	B	1
		BENZENE (ug/L)	
		TOLUENE (ug/L)	
		ETHYLBENZENE (ug/L)	
		TOTAL XYLENES (ug/L)	
		MTBE (ug/L)	
		TRPH (ug/L)	
		LEAD (ug/L)	

MTBE = METHYL TERT-BUTYL ETHER
TRPH = TOTAL RECOVERABLE PETROLEUM HYDROCARBON
ug/L = MICROGRAMS PER LITER
U = THE COMPOUND WAS NOT FOUND AFTER TESTING
I = THE VALUE IS BETWEEN LAB'S METHOD DETECTION LIMIT
AND LAB'S PRACTICAL QUANTITATIVE LIMIT
NA = NOT ANALYZED

NOTE:

SEE LABORATORY ANALYTICAL REPORT AND/OR
TABLES FOR DEFINITION OF DATA QUALIFIERS.
--- GCTLs --- EXCEEDS GCTL (DASHED WHERE INFERRED)
--- NADCs --- EXCEEDS NADC (DASHED WHERE INFERRED)
GCTL = CHAPTER 62-777 F.A.C.
GROUNDWATER CLEANUP TARGET LEVEL
NADC = CHAPTER 62-777 F.A.C.
NATURAL ATTENUATION DEFAULT CONCENTRATION

DRAFTED BY:	KMM	PROXIMITY OF FORMER WELLS NOT MEETING NFA TO EXISTING OR PROPOSED WELLS	
CHECKED BY:	KD	TEXACO #24-110-0004-MICKLER 2500 HIGHWAY 16 ST. AUGUSTINE, ST. JOHNS COUNTY, FLORIDA FDEP FAC. ID: 55/851920	
REVIEWED BY:			
NORTH		Ecotech Environmental Services, Inc.	
SCALE IN FEET (APPROXIMATE)	0 30	DATE	07/12/2023
FIGURE	D-1		



15' Radius Circle

STATE ROUTE 16/COUNTY ROAD 208

SITE 16 – Exxon Station/Cell Tower

Semi-Annual PARM Report, dated July 20, 2022 (text, figures, tables, and laboratory analytical data) – 61 pages

SRCO, dated October 20, 2022– 25 pages

Task 2 - Deliverable Interim Site Assessment Report, dated Marh 30, 2023 (text, figures, tables, and laboratory analytical data) – 32 pages

SEMI-ANNUAL POST ACTIVE REMEDIATION MONITORING REPORT

FOR

EXXON STATION
2450 STATE HIGHWAY 16
ST. AUGUSTINE, ST. JOHNS COUNTY, FLORIDA 32902
FDEP FACILITY ID NO. 55/8515941

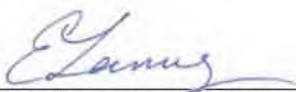


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July 20, 2022

CERTIFICATION PAGE

I, Lee C. Taylor, Florida P.E. #56812, owner of Taylor Environmental Consulting, LLC, certify that I currently hold an active license in the state of Florida and am competent through education and experience to provide the services contained in this report. Moreover, I certify that Taylor Environmental Consulting, LLC is a qualified business organization registered to provide engineering and geology services in the state of Florida.

In accordance with the provisions of Florida Statutes, Chapter 471, this **Post Active Remediation Monitoring Report** has been prepared under my direction. This work was performed in accordance with generally accepted professional engineering practices pursuant to Chapter 471 of the Florida Statutes and is in conformance with Chapter 62-780, Florida Administrative Code. The data, findings, recommendations, specifications, or professional opinions were prepared solely for the use of the Maley Family Limited Partnership and the Florida Department of Environmental Protection. Taylor makes no other warranty, either expressed or implied, and is not responsible for the interpretation by others of these data.



Lee C. Taylor, P.E. / Date

This item has been digitally signed
and sealed by
Lee C. Taylor, P.E.,
on the date adjacent to the seal.
Printed copies of this document
are not considered signed and
sealed and the signature must be
verified on any electronic copies.

TABLE OF CONTENTS

	PAGE
1.0 INTRODUCTION	1
2.0 BACKGROUND	1
2.1 Site Description	1
2.2 Site History	1
3.0 SCOPE OF WORK	6
4.0 GROUNDWATER MONITORING	6
4.1 Groundwater Levels and Flow Direction	6
4.2 Groundwater Sampling and Analytical Results	7
5.0 CONCLUSIONS	7
6.0 RECOMMENDATIONS	8

FIGURES

Figure 1	Site Map
Figure 2	Groundwater Elevation Contour Map (June 20, 2022)
Figure 3	Groundwater Concentration Map

TABLES

Table 1	Groundwater Elevation Summary
Table 2A	Groundwater Analytical Summary – VOCs, EDB, EDC, Lead, & TRPH
Table 2B	Groundwater Analytical Summary – PAHs

APPENDICES

Appendix A	Regulatory Documentation
Appendix B	Field Forms
Appendix C	Laboratory Analytical Reports

1.0 INTRODUCTION

Taylor Environmental Consulting, LLC (Taylor) is submitting this Semi-Annual Post Active Remediation Monitoring (PARM) Report to the Florida Department of Environmental Protection (FDEP) for the Exxon Station facility (FDEP Facility ID #55/8515941) on behalf of Maley Family Limited Partnership (Maley). The purpose of the groundwater sampling event was to evaluate the effectiveness of the source removal activities conducted in May and August 2020, and addition of ORC Advanced® to the base of the excavation performed in August 2020.

2.0 BACKGROUND

2.1 SITE DESCRIPTION

The subject property is currently an active retail gas station, convenience store, dive shop, uniform store, and fireworks store, located at 2450 State Road 16, St. Augustine, St. Johns County, Florida. The property is located in a commercial area, bounded by the southbound Interstate 95 (I-95) off-ramp to the east, State Road 16 to the south and southwest, Havoline Xpress Lube to the northwest, and undeveloped land to the north. The site is located within Section 06 of Township 07 South and Range 29 East.

According to the Florida Department of Environmental Protection (FDEP) online storage tank database, the facility has one 20,000-gallon, double wall, compartmented underground storage tank (UST) that was installed in October 2006. This UST replaced one 10,000-gallon, one 8,000-gallon, and one 6,000-gallon USTs, all of which were installed in August 1980. The current UST and the former USTs were registered as storing unleaded gasoline.

The current UST supplies four dispensers located on individual dispenser islands under a canopy, between the UST and the convenience store. The current UST is located within the former UST pit, but in a different orientation. The dispensers are located northeast of the former dispenser locations. The current and former UST system locations are depicted on **Figure 1, Site Map**.

2.2 SITE HISTORY

A petroleum discharge was reported for the previous petroleum storage system on September 18, 1985. The discharge was determined eligible for the Florida Department of Environmental Regulation's reimbursement program. In 1990, the discharge became eligible under the Early Detection Incentive (EDI) Program with an initial priority score of 75. In 2011, the priority score was reduced from 42 to 10 which is still the score today.

Through the EDI Program, a groundwater pump and treat and soil vapor extraction system was installed and operated from January 1990 through 1998. In 2001, bioremediation injections were performed for further groundwater treatment. In October 2006, source removal was performed, where 2,170 tons of petroleum-impacted soil was removed from the site.

On March 22, 2013 Groundwater & Environmental Services, Inc. (GES) submitted a Low-Score Site Initiative (LSSI) Report documenting the results of site assessment activities conducted at the site, including groundwater sampling of 12 onsite monitoring wells. Analytical results indicated benzene, ethylbenzene, total xylenes, methyl tertiary butyl ether (MTBE), benzo (a) pyrene, benzo (b) fluoranthene, and/or indeno (1,2,3-cd) pyrene exceeded Florida Administrative Code (FAC) Chapter 62-777 Groundwater Cleanup Target Levels (GCTLs) at MW-4R, MW-5R, MW-12, MW-13, MW-14, and MW-15. In addition, benzene and/or total xylenes exceeded FAC Chapter 62-

777 Natural Attenuation Default Concentrations (NADCs) at MW-13 and MW-14. The groundwater flow direction was calculated to flow to the east. The northern side of the plume (where the current dispensers and UST are located) was not delineated.

On May 7, 2013, the FDEP Bureau of Petroleum Storage Systems issued an LSSI deliverable review letter, accepting the report and concurring with the recommendation to terminate assessment and await further funding to continue assessment and cleanup. No further work has been performed under the FDEP's EDI or LSSI programs.

On October 23, 2017, The NDN Companies, Inc. (NDN) submitted a Limited Closure Assessment Report (LCAR) documenting the replacement of piping boots at all dispenser and submersible turbine pump (STP) sumps on August 25, 2017. Laboratory results indicated concentrations of benzene and total xylenes exceeded FAC Chapter 62-777 Soil Cleanup Target Levels (SCTLs) for leachability based on groundwater criteria at one soil boring near the STP sump (SB-4-2'). A groundwater sample collected from the same area (TW-1) did not indicate petroleum hydrocarbons exceeding GCTLs; however, the groundwater sample was not analyzed for benzene or total xylenes. NDN did not recommend any further assessment or the need to report a discharge. Instead, they stated, "The site is currently registered in the FDEP Petroleum Restoration Program and is awaiting funding for further assessment."

On March 2, 2018, the City of Jacksonville Environmental Quality Division (EQD), contracted by the FDEP, issued an LCAR review letter stating that the report was not in compliance and requested that the issues be addressed by submitting a Discharge Report Form (DRF) so that the FDEP could issue a site assessment request letter. EQD stated that the DRF was required because benzene and total xylene concentrations exceeded FAC Chapter 62-777 leachability based on groundwater criteria SCTLs in the soil sample near the STP sump. EQD also stated that the sample collected adjacent to dispenser #3/4 (SB-2-4) was not collected from the dispenser with the highest headspace reading (dispenser #5/6), but that could be addressed when site assessment was performed. Following the direction from EQD, Robert Maley filed a DRF on March 8, 2018.

Coincident with the review conducted by EQC, on March 9, 2018, the FDEP Northeast District also issued an LCAR review letter. They requested that the following additional soil and groundwater assessment be performed and reported in an LCAR Addendum:

- Collect a groundwater sample in the area of the STP sump for benzene and total xylenes analyses;
- Collect a soil sample adjacent to the dispenser that exhibited the highest headspace readings (dispenser #5/6) for volatile organic aromatics (VOAs), polynuclear aromatic hydrocarbons (PAHs), and total recoverable petroleum hydrocarbons (TRPHs); and
- Delineate the benzene and total xylenes soil impacts around the STP sump.

On April 19, 2018, the FDEP Northeast District issued a warning letter stating that compliance violations cited in an August 28, 2017 compliance assistance offer letter may still exist at the site. Among the potential violations mentioned was that dispenser #5/6 failed the post-repair hydrostatic integrity test; therefore, the sump needed to be replaced. In addition, the comments and requested information in the FDEP Northeast District's March 9, 2018 LCAR review letter were repeated.

On August 16, 2018, Taylor submitted a Closure Assessment report documenting closure assessment sampling performed after the dispenser #5/6 sump was replaced. Soil samples were

collected adjacent to dispenser 5/6 for field screening and a soil sample was collected for laboratory analysis. The boring location was converted to a temporary well and a groundwater sample was collected from this location for laboratory analysis. No petroleum compounds were detected in the soil sample above FAC Chapter 62-777 SCTLs. Benzene, toluene, ethylbenzene, total xylenes, bromodichloromethane, and dibromochloromethane were detected in the groundwater at concentrations above FAC Chapter 62-777 GCTLs. Since the soil was not contaminated and the northern portion of the 1985 program eligible plume had not been delineated to the north, Taylor concluded that the groundwater contamination in the vicinity of the dispenser was from the original discharge reported in 1985 and no discharge occurred from the dispenser sump.

On September 26, 2018, FDEP Northeast District issued a review letter stating that the report complied with closure requirements, a DRF had been submitted, and a site assessment request letter had been issued. Although a DRF had been submitted at the request of the EQD, a site assessment request letter had not been received and one was and is not on file in the FDEP's file repository, OCULUS.

On November 8, 2018, the FDEP Northeast District issued a return to compliance letter stating that the issues listed in the April 19, 2018 warning letter had been resolved but noted that the regular unleaded spill bucket failed the annual integrity test on April 24, 2018, and that it needed to be replaced.

On April 16, 2019, the FDEP Northeast District issued a Global Risk-Based Corrective Action Notice of Liability letter stating that the property owner may be required to complete assessment and remediation and that the FDEP intended to "initiate enforcement against responsible parties that do not comply". The FDEP acknowledged the previous contamination that is eligible for cleanup under the EDI program and described the purpose of a Site Rehabilitation Funding Agreement (SRFA) between the FDEP and responsible party(ies). The FDEP went on to say that further determination will be required to determine if cleanup of contamination at the site is eligible for all or partial funding through the EDI program.

On June 4, 2019, Taylor submitted an LCAR Addendum and Spill Bucket Closure Assessment Report documenting additional assessment performed in April 2019 around the STP sump, which was adjacent to the spill buckets that were being replaced at the time. Benzene and total xylenes exceeded FAC Chapter 62-777 SCTLs in all four soil borings at 4 feet below ground surface (BGS), around the STP sump and in the boring adjacent to the eastern end of the UST. Toluene and ethylbenzene also exceeded SCTLs in the soil boring east of the STP sump (adjacent to the spill buckets). Benzene, toluene, total xylenes, and MTBE exceeded the FAC Chapter 62-777 GCTLs in the temporary well installed on the eastern side of the UST. Taylor recommended additional assessment to delineate soil contamination and to determine whether the new discharge was or could contribute to the existing 1985 EDI eligible groundwater contamination.

On July 29, 2019, the EQD issued a letter on FDEP Northeast District letterhead stating that they had reviewed the portion of the report associated with the spill bucket and that it is complied with FDEP requirements. EQD indicated that FDEP's Waste Cleanup Program would also review the report.

On November 14, 2019, FDEP Northeast District Waste Cleanup Section issued a review letter for the LCAR Addendum and Spill Bucket Closure Assessment Report. FDEP concurred with Taylor's recommendations to conduct supplemental soil and groundwater assessment around the UST area to determine the horizontal and vertical extent of soil and groundwater contamination.

FDEP requested that a Supplemental Site Assessment Report (SSAR) be submitted including this data and any information to differentiate contamination remaining from the 1985 EDI eligible discharge from the contaminants related to the discharge related to the current STP sump.

On March 31, 2020, Taylor submitted a SSAR documenting soil boring advancements in and around the UST area, the installation of four monitoring wells (MW-16 through MW-19, and soil and groundwater sampling performed between December 2019 and March 2020 to delineate petroleum impacts to soil and groundwater from the discharge reported in March 2018 and differentiate these impacts from those remaining from the 1985 EDI eligible discharge. Taylor concluded soil around the spill buckets and STP sump were impacted with petroleum, but that the groundwater had not been impacted beyond concentrations that were already present due to the 1985 discharge.

In an April 15, 2020 SSAR review memo, FDEP disagreed with Taylor's conclusions, recommending additional soil sampling, monitoring well installation, and groundwater sampling. Following Taylor's April 23, 2020 Comment Response; FDEP's May 1, 2020 comment response review memo; a teleconference between the FDEP, Taylor, the Maley's, and the Maley's legal counsel; and Taylor's second comment response letter, dated May 21, 2020, the FDEP Northeast District Waste Cleanup Section issued a letter on June 29, 2020, with a June 26, 2020 review memo allowing Taylor to proceed with source removal and delineating soil from the excavation sidewalls rather than performing additional soil delineation first. FDEP still believed some of the groundwater impacts were due to the release reported in March 2018 and requested follow-up groundwater sampling, along with water levels measured from all monitoring wells to get a more accurate groundwater flow direction.

On October 7, 2020, Taylor submitted a Source Removal Report (SRR) documenting petroleum-impacted soil excavation/disposal activities, soil screening and confirmatory soil sampling results, application of ORC Advanced®, and groundwater elevation measurements that were completed in May, June and August 2020. After removing 143 tons of soil above and to the north and south of the UST, headspace readings and laboratory analyses from sidewall samples indicated that all petroleum impacted soil in the vadose zone had been successfully removed. A total of 110 pounds of ORC Advanced® was spread across the southern portion of the excavation just below the water table interface. The depth to groundwater measurements correlated to elevations with flow patterns indicating that groundwater flow through monitoring well MW-15 primarily originates in or near the former fuel dispenser area (source of the 1985 discharge) and the groundwater flow through MW-17 generally originates from the western portion of the current UST area (source of the 2018-reported discharge). Taylor recommended that no further action be required for the vadose zone soil and performing groundwater sampling from monitoring wells MW-15, MW-16, and MW-17 to verify the ORC Advanced® application was successful.

On November 3, 2020, FDEP approved the SRR and agreed with the recommendation of no further assessment or remediation of vadose zone soil. FDEP also agreed with collecting groundwater samples from monitoring wells MW-15, MW-16, and MW-17, but also recommended installing two additional monitoring wells, one 20 feet east-northeast of MW-15 and one 25 feet northeast of MW-17, and conducting one year of PARM.

On December 22, 2020, Taylor submitted a PARM Report documenting groundwater sampling activities conducted on November 3, 2020, and the sampling results. Groundwater flow was consistent with historical flows. Benzene, toluene, ethylbenzene, total xylenes (BTEX) and MTBE compounds were below FAC Chapter 62-777 GCTLs in monitoring wells MW-16 and MW-17. Only benzene exceeded the GCTL, at 7.3 micrograms per liter (µg/L) in MW-15. In the

recommendations section of the report, Taylor agreed to the FDEP's request to install monitoring well (MW-20) near the southeast corner of the current UST and collect a second quarter of groundwater samples from monitoring wells MW-15, MW-16, MW-17, and MW-20. Taylor did not concur with the FDEP recommendation to install a second monitoring well north of the UST because it would be upgradient of the petroleum release and located in an area of product piping and electrical and communications conduits. Taylor also did not concur with performing a full year of PARM because the upgradient 1985 groundwater contamination remains and could re-contaminate the UST area.

On January 6, 2021, Taylor submitted a Groundwater Sampling and Well Abandonment Report documenting the November 3, 2020 groundwater sampling activities for monitoring well MW-9 prior to abandoning the monitoring well on November 25, 2020, in preparation for the utility work, including dewatering activities, to be performed in 2021 along the north side of State Road 16 (south of the property) and in the dry stormwater retention area along the east of the property. Laboratory analytical results (November 3, 2020) indicated all compounds were below the FAC Chapter 62-777 GCTLs.

A January 13, 2021 FDEP review letter for the December 22, 2020 PARM report concurred with the recommendation to install monitoring well MW-20 and sample monitoring wells MW-15, MW-16, MW-17, and MW-20, requesting that a PARM Report be submitted documenting these activities. Additionally, a second January 13, 2021 (mistakenly dated January 13, 2020) FDEP letter stated that upon completion of the St Johns County Government work within the vicinity of monitoring well MW-9, a replacement monitoring well would need to be installed as close as possible to the original well location.

A January 25, 2021, FDEP review letter for the January 6, 2021 Groundwater Sampling and Well Abandonment Report and subsequent dewatering request recommended baseline groundwater sampling for monitoring wells MW-4R, MW-5R, MW-12, MW-13, and MW-14.

On March 15, 2021, Taylor submitted a PARM Report documenting the installation of monitoring well MW-20 on February 8, 2021, and groundwater sampling activities conducted on February 10 and 24, 2021, and the sampling results. Groundwater flow was consistent with historical flows. BTEX and MTBE compounds were below FAC Chapter 62-777 GCTLs in monitoring wells MW-4R, MW-5R, MW-16 and MW-20. GCTL exceedances were detected in MW-12, MW-13, MW-14, MW-15, and MW-17. Taylor concluded that the exceedances in MW-15 and MW-17 were most likely attributable to the upgradient contamination from the 1985 reported release that remained in MW-12, MW-13, and MW-14. Taylor recommended issuance of a Site Rehabilitation Completion Order (SRCO) or a No Further Cleanup Required for the 2018 reported release, as all impacted soil and groundwater from that release have been addressed.

On April 12, 2021, FDEP issued a PARM review letter, directing that groundwater sampling for PARM continue with samples collected from MW-15, MW-16, MW-17, and MW-20.

On July 26, 2021, Taylor submitted a PARM Report documenting quarterly groundwater sampling from MW-15, MW-16, MW-17, and MW-20. The only compound to exceed a FAC Chapter 62-777 GCTL was benzene in MW-16. Taylor recommended a fourth PARM event, collecting samples from MW-15, MW-16, and MW-17. On August 12, 2021, FDEP concurred with this recommendation but adding sampling from MW-20.

On December 1, 2021, Taylor submitted a PARM Report documenting quarterly groundwater sampling activities conducted at monitoring wells MW-15, MW-16, MW-17, and MW-20. As part

of separate work performed for St. Johns County, Taylor also collected groundwater samples from monitoring wells MW-4R, MW-5R, MW-9R, MW-12, MW-13, and MW-14, which indicated petroleum impacts in the groundwater were still present above FAC Chapter 62-777 GCTLs in MW-4R MW-12, MW-13, and MW-14 and that concentrations in the MW-5R and MW-9R were below GCTLs.

The analytical results from the PARM sampling conducted on October 27, 2021, indicated that benzene in groundwater at MW-16 was still the only compound that exceeded FAC Chapter 62-777 GCTL in any of the wells. Taylor recommended performing a fifth PARM event in late April 2022, sampling MW-16 only. On December 6, 2021, FDEP issued a review letter approving the recommendation, which is included in **Appendix A, Regulatory Documentation**.

Upon request of the site owner an additional sampling event was added for MW-16 in January 2022. This semi-annual PARM report summarizes activities from both the January 2022 and June 2022 groundwater sampling events.

3.0 SCOPE OF WORK

Taylor conducted the following scope of work on January 27 and June 20, 2022:

- On January 27, collected a groundwater sample from monitoring well MW-16 for analysis of BTEX and MTBE.
- On June 20, 2022, measured the depth-to-groundwater in all monitoring wells except MW-9R and MW-11D.
- On June 20, 2022, collected a groundwater sample from monitoring well MW-16 for analysis of BTEX and MTBE.

Field decontamination and sampling procedures were performed in general accordance with the FDEP Standard Operating Procedures (SOPs) for field activities. Laboratory analysis was performed by Pace Analytical Services, LLC, a National Environmental Laboratory Accreditation Program-certified (NELAP) laboratory for the January 27, 2022, sampling event. Laboratory analysis was performed by SGS North America, Inc., a NELAP-certified laboratory for the June 20, 2022, sampling event. The monitoring well locations are depicted on **Figure 1**. The groundwater sampling logs and field instrument calibration logs are included in **Appendix B, Field Forms**.

4.0 GROUNDWATER MONITORING

4.1 GROUNDWATER LEVELS AND FLOW DIRECTION

On June 20, 2022, Taylor measured the depth to groundwater in all monitoring wells except MW-9R and DW-11. The depth to groundwater ranged from 3.71 feet to 5.40 feet below top of casing (BTOC) in monitoring wells MW-1 through MW-5R, MW-10, and MW-12 through MW-20. No free product was observed in any of the wells.

Based on the groundwater elevation contours, the surficial groundwater flow was in an easterly direction. The contours were generally consistent with those determined from the measurements collected in May, June, August and November 2020 and February, June and October 2021.

Depth to groundwater measurements and corresponding groundwater elevations are presented in **Table 1, Groundwater Elevation Summary**. The groundwater flow direction is illustrated on **Figure 2, Groundwater Elevation Contour Map (June 20, 2022)**.

4.2 GROUNDWATER SAMPLING AND ANALYTICAL RESULTS

On January 27, 2022 and again on June 20, 2022, Taylor collected a groundwater sample from monitoring well MW-16. The groundwater samples were analyzed for BTEX and MTBE using Environmental Protection Agency (EPA) Method 8260.

Prior to sampling, the monitoring well was purged and field parameters (pH, conductivity, temperature, oxidation-reduction potential, and dissolved oxygen) were measured using a multi-sensor probe and turbidity was measured with a stand-alone turbidity meter. The values were recorded on FDEP Form FD 9000-24 Groundwater Sampling Log. After collection, the groundwater samples were immediately placed on wet ice and transported to the laboratory. The groundwater sampling log and equipment calibration logs are included in **Appendix B**.

The January 27, 2022 laboratory analytical results indicated that benzene was detected above its FAC Chapter 62-777 GCTL in MW-16 at 6.3 micrograms per liter (µg/L). The June 20, 2022 laboratory analytical results indicated that benzene was detected above its FAC Chapter 62-777 GCTL in MW-16 at 35.0 µg/L.

Groundwater analytical results are illustrated on **Figure 3, Groundwater Concentration Map**. Laboratory analytical results are summarized in **Table 2A, Groundwater Analytical Summary – VOCs, EDC, EDB, Lead & TRPH** and **Table 2B, Groundwater Analytical Summary – PAHs**. A copy of the laboratory analytical reports are provided in **Appendix C, Laboratory Analytical Reports**.

5.0 CONCLUSIONS

Based on the findings, Taylor concludes that

- The groundwater flow pattern remained generally consistent with the patterns observed during previous groundwater sampling events, with the area including MW-15, MW-17, and MW-20, directly downgradient of the 1985 groundwater plume.
- Benzene is the only compound that has exceeded FAC Chapter 62-777 GCTLs in MW-16 since it was first sampled in February 2020. In the three quarterly sampling events following the maximum benzene concentration detected in MW-16 (45.9 µg/L in June 2021), the benzene concentration declined to a low of 6.3 µg/L in January 2022. However, the June 20, 2022, groundwater sampling event indicated a rebound to 35.0 µg/L. MTBE was not detected in MW-16 from the first time it was sampled until an estimated concentration was detected at 4.7 µg/L in October 2021. It was detected during the last two sampling events at 6.4 µg/L and 4.8 µg/L. Based on the date of the newest release, the lack of MTBE detections in all but one of 28 soil samples during assessment and remediation, and the MTBE exceedances in groundwater samples collected from wells within the plume of the 1985 release (even as recently as October 2021 in MW-13 at 27.9 µg/L), it is likely that this increase in benzene in MW-16 is due to contaminant transport from the 1985 plume and not the release reported in 2018.

6.0 RECOMMENDATIONS

Taylor recommends any remaining monitoring and/or groundwater remediation at this facility be performed under the EDI-eligible cleanup funding for the following reasons:

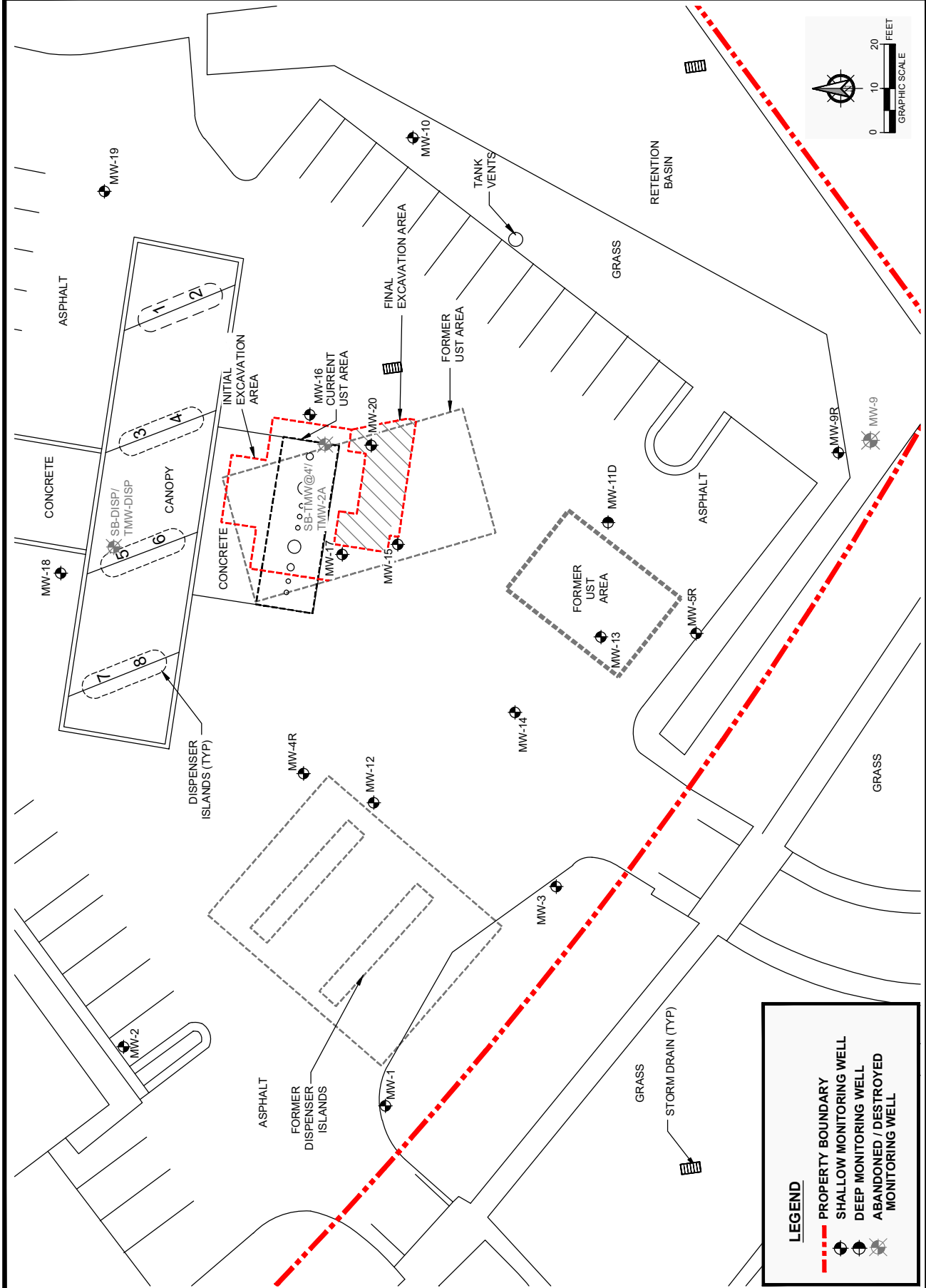
- 1) Maley has completed the assessment and remediation of the 2018-reported release and has performed PARM for the past two years solely at their expense, despite showing on numerous occasions that the 1985 release is contributing to some portion of the groundwater contamination that is south of the UST.
- 2) The groundwater analytical data from the PARM events performed after the August 2020 excavation and ORC application south of the UST demonstrate that concentrations in MW-15 and MW-17 cleaned up to FAC Chapter 62-777 GCTLs by June 2021, no petroleum compounds ever exceeded GCTLs in MW-20, and only benzene exceeded the GCTL in MW-16 but reduced to 6.3 µg/L in January 2022. At this time MTBE was beginning to be detected in MW-16, which was not present in the 2018-reported release but was (and still is) present in the 1985 release.
- 3) Cleanup at this facility is now within funding of the FDEP Petroleum Restoration Program based on the latest change in the funding score requirements.

FIGURES

TAYLOR ENVIRONMENTAL CONSULTING
6820 GOLFOWER AVENUE
HARMONY, FLORIDA 34773
(407) 864-1115

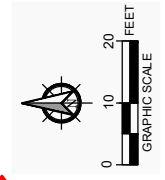
PROJECT: **Maley Family Limited Partnership**
EXXON STATION
2450 SR 16
ST AUGUSTINE, ST JOHNS CO, FL
FAC ID #55/8515941
SECTION 06, TOWNSHIP 07S, RANGE 29E

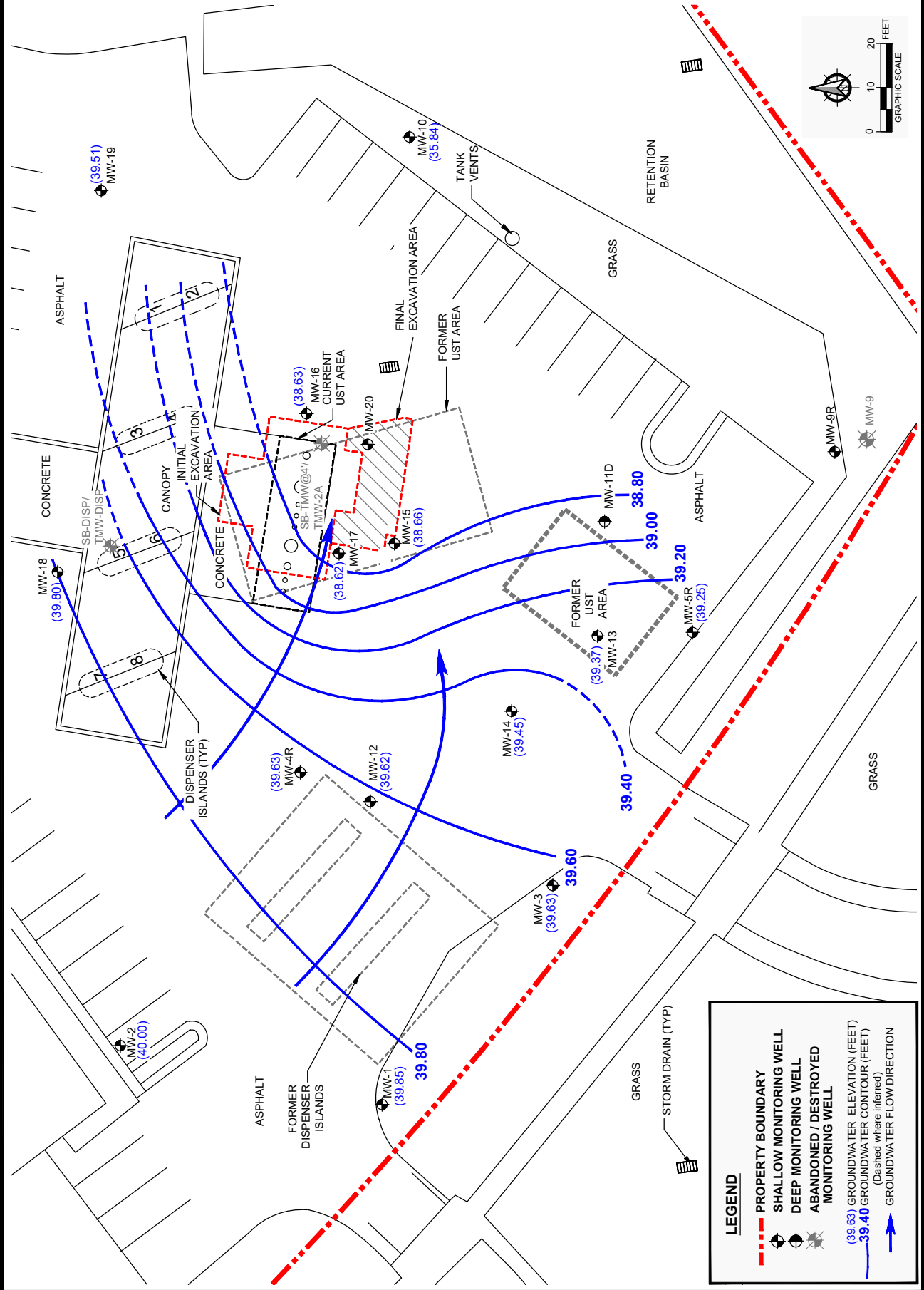
TITLE: **SITE MAP**
FIGURE: **1**

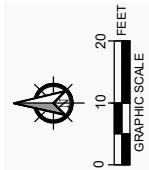
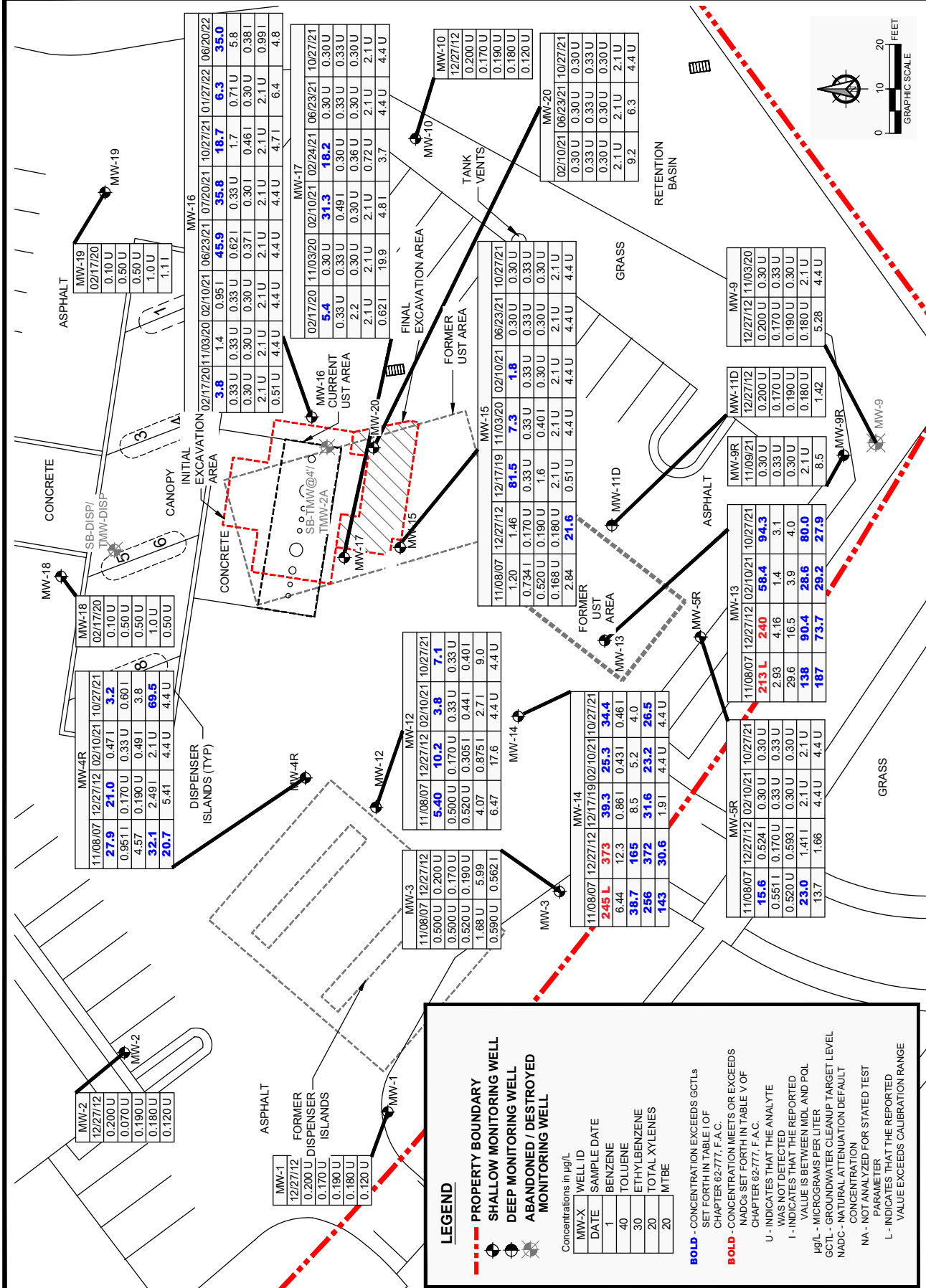


LEGEND

- PROPERTY BOUNDARY
- SHALLOW MONITORING WELL
- ⊗ DEEP MONITORING WELL
- ⊗/ ABANDONED / DESTROYED MONITORING WELL







TABLES

TABLE 1: GROUNDWATER ELEVATION SUMMARY

Facility Name: Exxon Station

Facility Location: 2450 Highway 16, St. Augustine, Florida 32902

Facility ID No.: 55/8515941

See notes at end of table.

Well No.	MW-1			MW-2			MW-3			MW-4R			MW-5R			MW-9		
Diameter (Inches)	4			4			4			2			2			4		
Well Depth (Feet)	12			11			11			12			12			13		
Screen Interval (Feet)	2 - 12			1 - 11			1 - 11			2 - 12			2 - 12			1 - 13		
TOC Elevation (Feet)	43.69			44.00			43.34			43.39			43.45			42.13		
DATE	ELEV	DTW	FP	ELEV	DTW	FP	ELEV	DTW	FP	ELEV	DTW	FP	ELEV	DTW	FP	ELEV	DTW	FP
05/27/20	40.71	2.98	0.00	40.54	3.46	0.00	40.62	2.72	0.00	40.06	3.33	0.00	--	NM	NM	38.68	3.45	0.00
05/29/20	41.08	2.61	0.00	40.73	3.27	0.00	41.00	2.34	0.00	40.22	3.17	0.00	--	NM	NM	39.63	2.50	0.00
06/01/20	41.23	2.46	0.00	41.03	2.97	0.00	40.88	2.46	0.00	40.38	3.01	0.00	40.15	3.30	0.00	39.76	2.37	0.00
08/05/20	41.08	2.61	0.00	41.16	2.84	0.00	40.53	2.81	0.00	40.66	2.73	0.00	--	NM	NM	39.88	2.25	0.00
11/03/20	41.36	2.33	0.00	41.65	2.35	0.00	40.97	2.37	0.00	41.01	2.38	0.00	40.66	2.79	0.00	40.23	1.90	0.00
02/10/21	--	NM	NM	--	NM	NM	--	NM	NM	40.58	2.81	0.00	40.51	2.94	0.00	Abandoned		
02/24/21	41.73	1.96	0.00	41.98	2.02	0.00	41.33	2.01	0.00	41.36	2.03	0.00	41.06	2.39	0.00			
06/23/21	41.68	2.01	0.00	41.60	2.40	0.00	40.99	2.35	0.00	40.73	2.66	0.00	40.77	2.68	0.00			
10/26/21	40.45	3.24	0.00	40.67	3.33	0.00	40.03	3.31	0.00	NM	NM	NM	39.85	3.60	0.00			
10/27/21	NM	NM	NM	NM	NM	NM	NM	NM	NM	40.08	3.31	0.00	39.80	3.65	0.00			
06/20/22	39.85	3.84	0.00	40.00	4.00	0.00	39.63	3.71	0.00	39.63	3.76	0.00	39.25	4.20	0.00			

TABLE 1: GROUNDWATER ELEVATION SUMMARY

Facility Name: Exxon Station

Facility Location: 2450 Highway 16, St. Augustine, Florida 32902

Facility ID No.: 55/8515941

See notes at end of table.

Well No.	MW-9R			MW-10			MW-11D			MW-12			MW-13			MW-14		
Diameter (Inches)			2			4			2			2			2			2
Well Depth (Feet)			13			12			39			12			12			12
Screen Interval (Feet)			1-13			1 - 12			34 - 39			2 - 12			2 - 12			2 - 12
TOC Elevation (Feet)			43.72			41.24			42.92			43.33			43.41			43.39
DATE	ELEV	DTW	FP	ELEV	DTW	FP	ELEV	DTW	FP	ELEV	DTW	FP	ELEV	DTW	FP	ELEV	DTW	FP
12/17/19		NI		--	NM	NM	--	NM	NM	--	NM	NM	--	NM	NM	40.42	2.97	0.00
02/17/20		NI		--	NM	NM	--	NM	NM	--	NM	NM	--	NM	NM	--	NM	NM
05/27/20		NI		38.14	3.10	0.00	--	NM	NM	39.97	3.36	0.00	39.87	3.54	0.00	40.07	3.32	0.00
05/29/20		NI		38.23	3.01	0.00	--	NM	NM	40.11	3.22	0.00	40.02	3.39	0.00	40.08	3.31	0.00
06/01/20		NI		37.48	3.76	0.00	--	NM	NM	40.37	2.96	0.00	40.25	3.16	0.00	40.28	3.11	0.00
08/05/20		NI		38.05	3.19	0.00	--	NM	NM	40.60	2.73	0.00	40.44	2.97	0.00	40.52	2.87	0.00
11/03/20		NI		37.90	3.34	0.00	--	NM	NM	40.96	2.37	0.00	40.77	2.64	0.00	40.82	2.57	0.00
02/10/21		NI		--	NM	NM	--	NM	NM	40.54	2.79	0.00	40.56	2.85	0.00	40.50	2.89	0.00
02/24/21		NI		37.94	3.30	0.00	38.05	4.87	0.00	41.41	1.92	0.00	41.28	2.13	0.00	41.26	2.13	0.00
06/23/21		NI		38.75	2.49	0.00	NM	NM	NM	41.01	2.32	0.00	40.69	2.72	0.00	40.64	2.75	0.00
10/26/21	Installation Date			36.56	4.68	0.00	37.23	5.69	0.00	40.12	3.21	0.00	39.99	3.42	0.00	40.03	3.36	0.00
10/27/21	39.83	3.89	0.00	NM	NM	NM	NM	NM	NM	40.11	3.22	0.00	39.92	3.49	0.00	39.96	3.43	0.00
06/20/22	NM	NM	NM	35.84	5.40	0.00	NM	NM	NM	39.62	3.71	0.00	39.37	4.04	0.00	39.45	3.94	0.00

TABLE 1: GROUNDWATER ELEVATION SUMMARY

Facility Name: Exxon Station
 Facility Location: 2450 Highway 16, St. Augustine, Florida 32902
 Facility ID No.: 55/8515941

See notes at end of table.

Well No.	MW-15			MW-16			MW-17			MW-18			MW-19			MW-20		
Diameter (Inches)	2			2			2			2			2			2		
Well Depth (Feet)	12			12			12			12			12			12		
Screen Interval (Feet)	2 - 12			2 - 12			2 - 12			2 - 12			2 - 12			2 - 12		
TOC Elevation (Feet)	43.11			42.97			42.94			44.06			44.01			42.89		
DATE	ELEV	DTW	FP	ELEV	DTW	FP	ELEV	DTW	FP	ELEV	DTW	FP	ELEV	DTW	FP	ELEV	DTW	FP
12/17/19	39.71	3.40	0.00		--		39.63	3.31	0.00	40.54	3.52	0.00	40.03	3.98	0.00		NI	
02/17/20	39.64	3.47	0.00	39.63	3.34	0.00		--		40.29	3.77	0.00	40.22	3.79	0.00		NI	
05/27/20	39.25	3.86	0.00	--	NM	NM	--	NM	NM	40.43	3.63	0.00	40.53	3.48	0.00		NI	
05/29/20	--	NM	NM	--	NM	NM	--	NM	NM	40.63	3.43	0.00	40.83	3.18	0.00		NI	
06/01/20	39.68	3.43	0.00	39.70	3.27	0.00	39.80	3.14	0.00	41.45	2.61	0.00	41.27	2.74	0.00		NI	
08/05/20	--	NM	NM	40.07	2.90	0.00	40.17	2.77	0.00	41.42	2.64	0.00	41.21	2.80	0.00		NI	
11/03/20	40.44	2.67	0.00	40.51	2.46	0.00	40.46	2.48	0.00	--	NM	NM	--	NM	NM		NI	
02/10/21	40.04	3.07	0.00	40.03	2.94	0.00	40.01	2.93	0.00	41.74	2.32	0.00	41.70	2.31	0.00	39.98	2.91	0.00
02/24/21	40.79	2.32	0.00	40.78	2.19	0.00	40.73	2.21	0.00	41.10	2.96	0.00	41.72	2.29	0.00	40.68	2.21	0.00
06/23/21	40.22	2.89	0.00	40.26	2.71	0.00	40.24	2.70	0.00	40.54	3.52	0.00	40.19	3.82	0.00	40.18	2.71	0.00
10/26/21	39.57	3.54	0.00	39.57	3.40	0.00	39.54	3.40	0.00	NM	NM	NM	NM	NM	NM	39.52	3.37	0.00
10/27/21	39.53	3.58	0.00	39.50	3.47	0.00	39.48	3.46	0.00	39.80	4.26	0.00	39.51	4.50	0.00	39.47	3.42	0.00
06/20/22	38.66	4.45	0.00	38.63	4.34	0.00	38.62	4.32	0.00							38.61	4.28	0.00

Notes:

- TOC = Top of Casing
- ELEV = Groundwater Elevation in feet below top of casing (BTOC)
- DTW = Depth to Groundwater in feet BTOC
- FP = Free Product Thickness in feet
- NM = Not Measured
- NI = Monitoring well was not installed at the time of measurement.

TABLE 2A: GROUNDWATER ANALYTICAL SUMMARY - VOCs, EDC, EDB, Lead & TRPH

Facility Name: Exxon Station

Facility Location: 2450 Highway 16, St. Augustine, Florida 32902

Facility ID No.: 55/8515941

See notes at end of table.

Sample	Benzene		Toluene		Ethylbenzene		Total Xylenes		MTBE		Bromo-dichloromethane		Dibromo-chloromethane		All other VOCs		1,2-Dibromoethane (EDB)		1,2-Dichloroethane (EDC)		Lead		TRPH	
	Well I.D.	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)	(µg/L)	(µg/L)	(µg/L)
GCTL	NADC		1	40	30	20	20	20	20	20	0.6	0.4	0.02**	3**	--	--	0.02**	3**	15**	5,000	15**	5,000		
			100	400	300	200	200	200	200	200	60	40	2	300	--	--	2	300	150	50,000	150	50,000		
TW-1		08/25/17																					900	
TMW-DISP		06/14/18	28	190	38	190	190	190	0.82 I	0.82 I	1.1	0.85 I			*		0.020 U	0.60 U	3.2 U	4,600				
TMW-2A		04/08/19	210	89	20	120	120	120	94	94														
MW-1		12/27/12	0.200 U	0.170 U	0.190 U	0.180 U	0.180 U	0.180 U	0.120 U	0.120 U													190 V	
MW-2		12/27/12	0.200 U	0.170 U	0.190 U	0.180 U	0.180 U	0.180 U	0.120 U	0.120 U													167 V, I	
MW-3		11/08/07	0.500 U	0.500 U	0.520 U	1.68 U	1.68 U	1.68 U	0.590 U	0.590 U													0.107 U	
		12/27/12	0.200 U	0.170 U	0.190 U	5.99	5.99	5.99	0.562 I	0.562 I													221 V	
MW-4R		11/08/07	27.9	0.951 I	4.57	32.1	32.1	32.1	20.7	20.7													185 I	
		12/27/12	21.0	0.170 U	0.190 U	2.49 I	2.49 I	2.49 I	5.41	5.41													187 V, I	
		02/10/21	0.47 I	0.33 U	0.49 I	2.1 U	2.1 U	2.1 U	4.4 U	4.4 U														
		10/27/21	3.2	0.60 I	3.8	69.5	69.5	69.5	4.4 U	4.4 U														
MW-5R		11/08/07	15.6	0.551 I	0.520 U	23.0	23.0	23.0	13.7	13.7													328	
		12/27/12	0.524 I	0.170 U	0.593 I	1.41 I	1.41 I	1.41 I	1.66	1.66													465 V	
		02/10/21	0.30 U	0.33 U	0.30 U	2.1 U	2.1 U	2.1 U	4.4 U	4.4 U														
		10/27/21	0.30 U	0.33 U	0.30 U	2.1 U	2.1 U	2.1 U	4.4 U	4.4 U														
MW-9		12/27/12	0.200 U	0.170 U	0.190 U	0.180 U	0.180 U	0.180 U	5.28	5.28													334 V	
		11/03/20	0.30 U	0.33 U	0.30 U	2.1 U	2.1 U	2.1 U	4.4 U	4.4 U														
MW-9R		11/09/21	0.30 U	0.33 U	0.30 U	2.1 U	2.1 U	2.1 U	8.5	8.5														

TABLE 2A: GROUNDWATER ANALYTICAL SUMMARY - VOCs, EDC, EDB, Lead & TRPH

Facility Name: Exxon Station

Facility Location: 2450 Highway 16, St. Augustine, Florida 32902

Facility ID No.: 55/8515941

See notes at end of table.

Sample	Benzene		Toluene		Ethylbenzene		Total Xylenes		MTBE		Bromo-dichloromethane		Dibromo-chloromethane		All other VOCs		1,2-Dibromoethane (EDB)		1,2-Dichloroethane (EDC)		Lead		TRPH	
	Well I.D.	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)	(µg/L)	(µg/L)	(µg/L)
GCTL			1	40	30	20	20	20	20	0.6	0.4	--	0.02**	3**	15**	5,000								
			100	400	300	200	200	200	200	60	40	--	2	300	150	50,000								
NADC			0.200 U	0.170 U	0.190 U	0.180 U	0.180 U	0.120 U																
			0.200 U	0.170 U	0.190 U	0.180 U	0.180 U	1.42																
MW-10																								
MW-11D																								
MW-12			5.40	0.500 U	0.520 U	4.07	6.47																	
			10.2	0.170 U	0.305 I	0.875 I	17.6																	
			3.8	0.33 U	0.44 I	2.7 I	4.4 U																	
			7.1	0.33 U	0.40 I	9.0	4.4 U																	
MW-13																								
			213 L	2.93	29.6	138	187																	
			240	4.16	16.5	90.4	73.7																	
			58.4	1.4	3.9	28.6	29.2																	
MW-14			94.3	3.1	4.0	80.0	27.9																	
			245 L	6.44	38.7	256	143																	
			373	12.3	165.0	372	30.6																	
MW-14			39.3	0.86 I	8.5	31.6	1.9 I																	
			25.3	0.43 I	5.2	23.2	4.4 U																	
			34.4	0.46 I	4.0	26.5	4.4 U																	

TABLE 2A: GROUNDWATER ANALYTICAL SUMMARY - VOCs, EDC, EDB, Lead & TRPH

Facility Name: Exxon Station

Facility Location: 2450 Highway 16, St. Augustine, Florida 32902

Facility ID No.: 55/8515941

See notes at end of table.

Sample	Benzene		Toluene		Ethylbenzene		Total Xylenes		MTBE		Bromo-dichloromethane		Dibromo-chloromethane		All other VOCs		1,2-Dibromoethane (EDB)		1,2-Dichloroethane (EDC)		Lead		TRPH	
	Well I.D.	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)	(µg/L)	(µg/L)	(µg/L)
GCTL			1	40	30	20	20	20	20	20	0.6	0.4	--	--	--	--	0.02**	3**	15**	5,000				
			100	400	300	200	200	200	200	200	60	40	--	--	--	--	2	300	150	50,000				
NADC																								
MW-15			1.20	0.734 I	0.520 U	0.168 U	2.84																221	
			1.46	0.170 U	0.190 U	0.180 U	21.6																385 V	
			81.5	0.33 U	1.6	2.1 U	0.51 U																	
			7.3	0.33 U	0.40 I	2.1 U	4.4 U																	
			1.8	0.33 U	0.30 U	2.1 U	4.4 U																	
			0.30 U	0.33 U	0.30 U	2.1 U	4.4 U																	
			0.30 U	0.33 U	0.30 U	2.1 U	4.4 U																	
MW-16			3.8	0.33 U	0.30 U	2.1 U	0.51 U										0.0076 U	0.27 U	4.6 U	740 U				
			1.4	0.33 U	0.30 U	2.1 U	4.4 U																	
			0.95 I	0.33 U	0.30 U	2.1 U	4.4 U																	
			45.9	0.62 I	0.37 I	2.1 U	4.4 U																	
			35.8	0.33 U	0.30 I	2.1 U	4.4 U																	
			18.7	1.7	0.46 I	2.1 U	4.7 I																	
			6.3	0.71 U	0.30 U	2.1 U	6.4																	
MW-17			35.0	5.8	0.38 I	0.99 I	4.8																	
			5.4	0.33 U	2.2	2.1 U	0.62 I										0.0078 U	0.27 U	4.6 U	730 U				
			0.30 U	0.33 U	0.30 U	2.1 U	19.9																	
			31.3	0.49 I	0.30 U	2.1 U	4.8 I																	
			18.2	0.30 U	0.36 U	0.72 U	3.7																	
			0.30 U	0.33 U	0.30 U	2.1 U	4.4 U																	
			0.30 U	0.33 U	0.30 U	2.1 U	4.4 U																	

TABLE 2A: GROUNDWATER ANALYTICAL SUMMARY - VOCs, EDC, EDB, Lead & TRPH

Facility Name: Exxon Station
 Facility Location: 2450 Highway 16, St. Augustine, Florida 32902
 Facility ID No.: 55/8515941

See notes at end of table.

Sample		Benzene	Toluene	Ethyl- benzene	Total Xylenes	MTBE	Bromo- dichloro- methane	Dibromo- chloro- methane	All other VOCs	1,2-Dibromo- ethane (EDB)	1,2-Dichloro- ethane (EDC)	Lead	TRPH
Well I.D.	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)
GCTL		1	40	30	20	20	0.6	0.4	--	0.02**	3**	15**	5,000
NADC		100	400	300	200	200	60	40	--	2	300	150	50,000
MW-18	02/17/20	0.10 U	0.50 U	0.50 U	1.0 U	0.50 U	---	---	---	---	---	---	740 U
MW-19	02/17/20	0.10 U	0.50 U	0.50 U	1.0 U	1.1 U	---	---	---	---	---	---	730 U
MW-20	02/10/21	0.30 U	0.33 U	0.30 U	2.1 U	9.2	---	---	---	---	---	---	---
	06/23/21	0.30 U	0.33 U	0.30 U	2.1 U	6.3	---	---	---	---	---	---	---
	10/27/21	0.30 U	0.33 U	0.30 U	2.1 U	4.4 U	---	---	---	---	---	---	---

Notes:

- TW-1 sample collected by The NDN Companies
 2007 and 2012 samples collected by Groundwater & Environmental Services (GES)
 MTBE = Methyl tertiary butyl Ether
 VOCs = Volatile Organic Compounds
 TRPH = Total Recoverable Petroleum Hydrocarbons
 µg/L = micrograms per liter
 GCTL = Groundwater Cleanup Target Level specified in Table I of Chapter 62-777, Florida Administrative Code (FAC)
 NADC = Natural Attenuation Default Concentration specified in Table V of Chapter 62-777, FAC
 ** = As provided in Chapter 62-550, F.A.C.
 * = All other Volatile Organic Compounds (VOCs) were below detection limits (see laboratory report for remaining compounds)
 U = Test parameter not detected above the Laboratory Method Detection Limit (LMDL)
 I = Estimated concentration between LMDL and Practical Quantitation Limit (PQL)
 V = Indicates the analyte was detected in both the sample and the associated method blank.
 L = Not defined in GES's March 22, 2013 LSSI Report or the associated laboratory report. Typically indicates calibration range was exceeded.
 --- = Sample not analyzed for stated test parameter
BOLD = concentration exceeds GCTL
BOLD = concentration exceeds NADC

TABLE 2B: GROUNDWATER ANALYTICAL SUMMARY - PAHS

Facility Name: Exxon Station
 Facility Location: 2450 Highway 16, St. Augustine, Florida 32902
 Facility ID No.: 55/8515941

Sample	Acenaphthene		Acenaphthylene	Anthracene	Benzo (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	Naphthalene	1-Methylnaphthalene	2-Methylnaphthalene	Phenanthrene	Pyrene
	Well I.D.	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)
GCTL	NADC		2,100	210	0.05*	0.2 **	0.05*	210	0.5	4.8	0.005*	280	280	0.05*	14	28	28	210	210
			21,000	2,100	5	20	5	2,100	50	480	0.5	2,800	2,800	5	140	280	280	2,100	2,100
TW-1		08/25/17	0.16 U	0.17 U	0.049 U	0.15 U	0.050 U	0.19 U	0.19 U	0.13 U	0.095 U	0.15 U	0.15 U	0.45 U	0.19 U	0.20 U	0.20 U	0.16 U	0.14 U
TMW-DISP		06/14/18	0.17 U	0.18 U	0.051 U	0.15 U	0.052 U	0.20 U	0.20 U	0.14 U	0.099 U	0.15 U	0.16 U	0.047 U	9.5	4.4	7.1	0.17 U	0.15 U
		02/10/21	0.040 U	0.030 U	0.055 U	0.12 U	0.027 U	0.15 U	0.16 U	0.026 U	0.13 U	0.018 U	0.088 U	0.12 U	0.29 U	0.19 U	0.68 U	0.16 U	0.053 U
MW-5R		10/27/21	0.019 U	0.031 U	0.020 U	0.021 U	0.027 U	0.023 U	0.024 U	0.026 U	0.025 U	0.018 U	0.017 U	0.024 U	0.29 U	0.19 U	0.17 U	0.019 U	0.032 U
MW-9		11/03/20	0.040 U	0.030 U	0.055 U	0.12 U	0.027 U	0.15 U	0.16 U	0.026 U	0.13 U	0.018 U	0.088 U	0.12 U	0.29 U	0.19 U	0.68 U	0.16 U	0.032 U
MW-16		02/17/20	0.040 U	0.030 U	0.055 U	0.12 U	0.027 U	0.15 U	0.16 U	0.026 U	0.13 U	0.018 U	0.088 U	0.12 U	0.29 U	0.19 U	0.68 U	0.16 U	0.032 U
MW-17		02/17/20	0.040 U	0.030 U	0.055 U	0.12 U	0.027 U	0.15 U	0.16 U	0.026 U	0.13 U	0.018 U	0.088 U	0.12 U	0.29 U	0.19 U	0.68 U	0.16 U	0.032 U
MW-18		02/17/20	0.040 U	0.030 U	0.055 U	0.12 U	0.027 U	0.15 U	0.16 U	0.026 U	0.13 U	0.036 U	0.088 U	0.12 U	0.29 U	0.19 U	0.68 U	0.16 U	0.032 U
MW-19		02/17/20	0.040 U	0.030 U	0.055 U	0.12 U	0.027 U	0.15 U	0.16 U	0.026 U	0.13 U	0.087 U	0.088 U	0.12 U	0.29 U	0.19 U	0.68 U	0.18 U	0.059 U

See notes at end of table.

Notes:

TW-1 sample collected by The NDN Companies

µg/L = micrograms per liter

GCTL = Groundwater Cleanup Target Level specified in Table I of Chapter 62-777, Florida Administrative Code (FAC)

NADC = Natural Attenuation Default Concentration specified in Table V of Chapter 62-777, FAC

a = See 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.

** = As provided in Chapter 62-550, FAC

U = Test parameter not detected above the Laboratory Method Detection Limit (LMDL)

I = Estimated concentration between LMDL and Practical Quantitation Limit (PQL)

--- = Sample not analyzed for stated test parameter

BOLD = concentration exceeds GCTL

BOLD = concentration exceeds NADC

APPENDICES

APPENDIX A
REGULATORY DOCUMENTATION



FLORIDA DEPARTMENT OF Environmental Protection

Northeast District
8800 Baymeadows Way West, Suite 100
Jacksonville, Florida 32256

Ron DeSantis
Governor

Jeanette Nuñez
Lt. Governor

Shawn Hamilton
Interim Secretary

December 6, 2021

Felicity Maley
Maley Family Partnership
3434 Raulerson Road
St. Augustine, Florida 32092
evemaley@aol.com

**Re: Exxon Station
2450 U.S. Highway 16
St. Augustine, Florida
DEP Facility # 55/8515941
St. Johns County – Waste Cleanup**

Dear Ms. Maley:

The Florida Department of Environmental Protection (DEP) has reviewed the Post Active Remediation Monitoring Report (PRMR) Year One, Quarter 4, dated/received December 1, 2021, and submitted by Taylor Environmental Consulting, LLC for the above referenced facility. Based on the information, DEP is in approval of continued groundwater monitoring of MW-16.

With this in mind, a signed and sealed Monitoring Report (**one electronic pdf copy**) documenting these activities should be received at this office on **June 6, 2022**.

Please notify me in writing, (via e-mail) within five days prior to initiating any field activity. Should you have any questions, you may contact me at the letterhead address, telephone 904.256.1545 or darrin.mckeehen@dep.state.fl.us.

Sincerely,

A handwritten signature in blue ink, appearing to read "Darrin McKeehen".

 Darrin A. McKeehen, P.G.
Waste Cleanup Section

cc: Lee C. Taylor, P.E. - Taylor Environmental Consulting lee.taylor@taylorenv.com

APPENDIX B
FIELD FORMS

DEP Form FD 9000-24: GROUNDWATER SAMPLING LOG

SITE NAME: EXXON STATIONS		SITE LOCATION: ST AUGUSTINE, FL	
WELL NO: MW-16	SAMPLE ID: MW-16	DATE: 1/27/22	

PURGING DATA

WELL		TUBING		WELL SCREEN INTERVAL		STATIC DEPTH		PURGE PUMP TYPE			
DIAMETER (inches): 2		DIAMETER (inches): 1/8		DEPTH: 2 feet to 12 feet		TO WATER (feet): 4.58		OR BAILER: PP			
WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH - STATIC DEPTH TO WATER) X WELL CAPACITY											
(only fill out if applicable)											
= 1 12 feet - 4.58 feet X 0.16 gallons/foot = 1.19 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		FINAL PUMP OR TUBING		PURGING		PURGING		TOTAL VOLUME			
DEPTH IN WELL (feet): 6.0		DEPTH IN WELL (feet): 6.0		INITIATED AT: 1230		ENDED AT: 1313		PURGED (gallons): 1.632			
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) mg/l or % saturation	TURBIDITY (NTUs)	ORP	Color and Odor
1309											
1310	1.50	1.50	0.038	4.79	5.40	21.94	536	0.14	19.1	-45	CLEAR
1311	0.076	1.576	0.038	4.79	5.42	22.08	538	0.13	18.7	-50	
1313	0.076	1.652	0.038	4.79	5.42	22.04	543	0.12	17.2	-52	SLIGHT
											W/DRINK
WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88											
TUBING INSIDE DIA. CAPACITY (Gal/Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.008; 1/2" = 0.010; 5/8" = 0.016											
PURGING EQUIPMENT CODES: B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)											

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Mark Haberkorn/TEC				SAMPLER(S) SIGNATURE(S): <i>M. Haberkorn</i>			SAMPLING INITIATED AT: 1314		SAMPLING ENDED AT: 1316	
PUMP OR TUBING DEPTH IN WELL (feet): 6.0				TUBING MATERIAL CODE: HDPE		FIELD-FILTERED: Y ☒ N		FILTER SIZE: _____ µm.		
FIELD DECONTAMINATION: PUMP Y ☒ TUBING Y ☒ (☒ replaced)						Duplicate: Y ☒				
SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION (including wet ice)			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)	
SAMPLE ID CODE	# containers	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH				
MW-16	3	CG	40ml	HCl	-	-	BTEXM	APP	145	
REMARKS:										
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 = Bailor; 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:** $\pm 5\%$ **Dissolved Oxygen:** all readings $\leq 20\%$ saturation (see Table FS 2200-2); optionally, $+0.2$ mg/L or $+10\%$ (whichever is greater) **Turbidity:** all readings < 20 NTU; optionally $+5$ NTU or $+10\%$ (whichever is greater)

FIELD INSTRUMENT CALIBRATION RECORDS - EXAMPLE CALIBRATION LOG - PRP

Project Site/FacID:

EXXON STATION

Calibrated by (Print)/Affiliation:

MARK HABERKORN / TEC

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

Temperature (Quarterly)

Date of Last Temp Verification:

See log book:

DISSOLVED OXYGEN (DO) (REFERENCE: DEP SOP FT 1500)

Acceptance Criteria ± 0.3 mg DO/L

Meter/Instrument Name and Unique ID:

YSI 556 15D101638

Initials	Date	Time	Standard (DO %)	Temp °C	Saturation mg/L (100%)	Response DO (%)	Deviation mg DO/L	Deviation mg DO/L	Pass or Fail
CAL ICV CCV <u>MH</u>	<u>1/27/22</u>	<u>1227</u>	<u>100%</u>	<u>23.17</u>	<u>8.54</u>	<u>100</u>	<u>8.54</u>	<u>6</u>	<u>P</u> F
CAL ICV CCV <u>ECV</u>	<u>1/27/22</u>	<u>1320</u>	<u>100%</u>	<u>23.39</u>	<u>8.51</u>	<u>99.7</u>	<u>8.48</u>	<u>0.03</u>	<u>P</u> F
CAL ICV CCV			<u>100%</u>						P F
CAL ICV CCV			<u>100%</u>						P F
CAL ICV CCV			<u>100%</u>						P F
CAL ICV CCV			<u>100%</u>						P F

See Table FT 1500-1 and/or Table FS 2200-2 for Dissolved Oxygen Saturation corresponding to Temperature.

SPECIFIC CONDUCTANCE (REFERENCE: DEP SOP FT 1200)

Acceptance Criteria $\pm 5\%$ the standard

Meter/Instrument Name and Unique ID:

YSI 556 15D101638

Initials	Date	Time	Standard (µmho/cm)	Exp. Date	Lot #	Response	Deviation (%)	Pass or Fail
CAL ICV CCV <u>MH</u>	<u>1/27/22</u>	<u>1227</u>	<u>1000</u>			<u>1015</u>	<u>1.5</u>	<u>P</u> F
CAL ICV CCV								P F
CAL ICV CCV		<u>1227</u>	<u>100</u>			<u>103</u>	<u>3</u>	<u>P</u> F
CAL ICV CCV								P F
CAL ICV CCV		<u>1320</u>	<u>1000</u>			<u>1020</u>	<u>2</u>	<u>P</u> F
CAL ICV CCV								P F
CAL ICV CCV <u>✓</u>	<u>✓</u>	<u>1320</u>	<u>100</u>			<u>102</u>	<u>2</u>	<u>P</u> F
CAL ICV CCV								P F
CAL ICV CCV								P F

OXIDATION-REDUCTION POTENTIAL (ORP)

Acceptance Criteria ± 10 mV

REFERENCE: EPA Region 4, Operating Procedure, Field Measurement of Oxidation-Reduction Potential (ORP)

Meter/Instrument Name and Unique ID:

YSI 556 15D101638

Initials	Date	Time	Standard (mV)	Exp. Date	Lot #	Response (mV)	Response (mV)	Pass or Fail
CAL ICV CCV <u>MH</u>	<u>1/27/22</u>	<u>1227</u>	<u>200</u>			<u>209.1</u>	<u>9.1</u>	<u>P</u> F
CAL ICV CCV <u>ECV</u>	<u>1/27/22</u>	<u>1320</u>	<u>200</u>			<u>207.6</u>	<u>7.6</u>	<u>P</u> F
CAL ICV CCV								P F
CAL ICV CCV								P F
CAL ICV CCV								P F
CAL ICV CCV								P F

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

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

FIELD INSTRUMENT CALIBRATION RECORDS - EXAMPLE CALIBRATION LOG - PRP

Project Site/FacID: EXRON STATION
 Calibrated by (Print)/Affiliation: MARK HABERKORN

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

TURBIDITY (REFERENCE: DEP SOP FT 1600)			Meter/Instrument Name and Unique ID: <u>HACH 2100Q 5191</u>						
Std=0.1-10 NTU +/-10%			Std=11-40 NTU +/-8%		Std=41-100 NTU +/-6.5%		Std>100 NTU +/-5%		
Initials	Date	Time	Standard (NTU)	Exp. Date	Lot #	Response (NTU)	Deviation (%)	Pass or Fail	
CAL <u>ICV</u> CCV <u>MH</u>	<u>1/27/22</u>	<u>1227</u>	<u>20</u>			<u>20.6</u>	<u>3</u>	<u>P</u>	F
CAL <u>ICV</u> CCV <u>↓</u>	<u>↓</u>	<u>↓</u>	<u>100</u>			<u>105</u>	<u>5</u>	<u>P</u>	F
CAL <u>ICV</u> CCV <u>↓</u>	<u>↓</u>	<u>↓</u>	<u>800</u>			<u>810</u>	<u>1.25</u>	<u>P</u>	F
CAL ICV CCV								P	F
CAL ICV <u>CCV</u> <u>MH</u>	<u>1/27/21</u>	<u>1320</u>	<u>20</u>			<u>20.5</u>	<u>2.5</u>	<u>P</u>	F
CAL ICV <u>CCV</u> <u>↓</u>	<u>↓</u>	<u>↓</u>	<u>100</u>			<u>105</u>	<u>5</u>	<u>P</u>	F
CAL ICV <u>CCV</u> <u>↓</u>	<u>↓</u>	<u>↓</u>	<u>800</u>			<u>814</u>	<u>1.8</u>	<u>P</u>	F
CAL ICV CCV								P	F
CAL ICV CCV								P	F
CAL ICV CCV								P	F
CAL ICV CCV								P	F
CAL ICV CCV								P	F
CAL ICV CCV								P	F
CAL ICV CCV								P	F
CAL ICV CCV								P	F
CAL ICV CCV								P	F

pH (REFERENCE: DEP SOP FT 1100)			Meter/Instrument Name and Unique ID: <u>YSI 556 15P100638</u>						
			Acceptance Criteria +/-0.2 SU						
Initials	Date	Time	Standard (SU)	Exp. Date	Lot #	Response (SU)	Deviation (SU)	Pass or Fail	
CAL <u>ICV</u> CCV <u>MH</u>	<u>1/27/22</u>	<u>1227</u>	<u>7.00</u>			<u>7.02</u>	<u>0.02</u>	<u>P</u>	F
CAL <u>ICV</u> CCV <u>↓</u>	<u>↓</u>	<u>↓</u>	<u>4.00</u>			<u>4.09</u>	<u>0.09</u>	<u>P</u>	F
CAL <u>ICV</u> CCV <u>↓</u>	<u>↓</u>	<u>↓</u>	<u>10.00</u>			<u>10.17</u>	<u>0.17</u>	<u>P</u>	F
CAL ICV CCV								P	F
CAL ICV <u>CCV</u> <u>MH</u>	<u>1/27/22</u>	<u>1320</u>	<u>7.00</u>			<u>7.02</u>	<u>0.02</u>	<u>P</u>	F
CAL ICV <u>CCV</u> <u>↓</u>	<u>↓</u>	<u>↓</u>	<u>4.00</u>			<u>4.08</u>	<u>0.08</u>	<u>P</u>	F
CAL ICV <u>CCV</u> <u>↓</u>	<u>↓</u>	<u>↓</u>	<u>10.00</u>			<u>10.15</u>	<u>0.15</u>	<u>P</u>	F
CAL ICV CCV								P	F
CAL ICV CCV								P	F
CAL ICV CCV								P	F
CAL ICV CCV								P	F
CAL ICV CCV								P	F
CAL ICV CCV								P	F
CAL ICV CCV								P	F
CAL ICV CCV								P	F
CAL ICV CCV								P	F
CAL ICV CCV								P	F

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

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

FLUID MEASUREMENT FIELD DATA

[illegible]

Form FD 9000-24

SITE NAME: Exxon Station	SITE LOCATION: St. Augustine, FL	PROJECT NO.: NA
WELL NO: MW-16	SAMPLE ID: MW-16	Date: 06/20/2022

PURGING DATA

[illegible]

SAMPLING DATA

[illegible]

REMARKS

* Samples placed on ice subsequent to collection

MATERIAL CODES AG = Amber Glass, CG = Clear Glass, PE = Polyethylene, PP = Polypropylene, S = Silicone, T = Teflon, O = Other (Specify)

SAMPLING/PURGING APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; WM = Water Level Meter

EQUIPMENT CODES: RFPP = Reverse Flow Peristaltic Pump; SM = Siphon Method (Tubing Gravity Drain); VT = Vacuum Trap; O = Other (Specify)

NOTES:

1 The above do not constitute all of the information required by Chapter 62-100, 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: $\pm 5\%$ Dissolved Oxygen: all readings $\leq 20\%$ saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or $\pm 10\%$ (whichever is greater) Turbidity: all readings ≤ 20 NTU; optionally ± 5 NTU or $\pm 10\%$ (whichever is greater)

$$3 \quad 1 \text{ gpm} = 3.7854 \text{ mL/min}$$

FIELD INSTRUMENT CALIBRATION RECORDS - EXAMPLE CALIBRATION LOG - PRP

Project Site/FacID: Exxon Station

Calibrated by (Print)/Affiliation: E Lamug / Taylor

Don't "X" this box if there is qualified data on this page.

TURBIDITY (REFERENCE: DEP SOP FT 1600)

Meter/Instrument Name and Unique ID: HACH

Std=0.1-10 NTU +/-10%

Std=11-40 NTU +/-8%

Std=41-100 NTU +/-6.5%

Std>100 NTU +/-5%

	Initials	Date	Time	Standard (NTU)	Exp. Date	Lot #	Response (NTU)	Deviation (%)	Pass or Fail
CAL (ICV) CCV	EX	6/16/22	1110	20	8/22	A9336	21.1	+5.4	(P) F
CAL (ICV) CCV	EX	6/16	1110	100		A9351	104	+4	(P) F
CAL (ICV) CCV	EX	6/16	1110	800		A9336	806	+0.75	(P) F
CAL ICV CCV	EX	6/16	1650	20			21.0	+4.9	(P) F
CAL ICV CCV	EX	6/16	1650	100			105	+5	(P) F
CAL ICV CCV	EX	6/16	1650	800			812	+1.5	(P) F
CAL ICV CCV									P F
CAL ICV CCV									P F
CAL ICV CCV									P F
CAL ICV CCV									P F
CAL ICV CCV									P F
CAL ICV CCV									P F
CAL ICV CCV									P F
CAL ICV CCV									P F
CAL ICV CCV									P F
CAL ICV CCV									P F

pH (REFERENCE: DEP SOP FT 1100)

Acceptance Criteria +/-0.2 SU

Meter/Instrument Name and Unique ID: 451

	Initials	Date	Time	Standard (SU)	Exp. Date	Lot #	Response (SU)	Deviation (SU)	Pass or Fail
CAL (ICV) CCV	EX	6/16	1110	4	9/23	104124	4.01	+1.01	(P) F
CAL (ICV) CCV	EX	6/16	1110	7	10/23	104567	7.02	+0.02	(P) F
CAL (ICV) CCV	EX	6/16	1110	10	8/23	104466	10.12	+1.12	(P) F
CAL ICV CCV	EX	6/16	1650	4	11	11	4.03	+0.03	(P) F
CAL ICV CCV	EX	6/16	1650	7	11	11	7.05	+0.05	(P) F
CAL ICV CCV	EX	6/16	1650	10	11	11	10.20	+0.20	(P) F
CAL ICV CCV									P F
CAL ICV CCV									P F
CAL ICV CCV									P F
CAL ICV CCV									P F
CAL ICV CCV									P F
CAL ICV CCV									P F
CAL ICV CCV									P F
CAL ICV CCV									P F
CAL ICV CCV									P F
CAL ICV CCV									P F
CAL ICV CCV									P F

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

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

FIELD INSTRUMENT CALIBRATION RECORDS - EXAMPLE CALIBRATION LOG - PRP

Project Site/FacID: Exxon Station - St. Augustine

Calibrated by (Print)/Affiliation: E. Lanning / Taylor Env.

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

Temperature (Quarterly)

Date of Last Temp Verification:

See log book:

DISSOLVED OXYGEN (DO) (REFERENCE: DEP SOP FT 1500)

Acceptance Criteria ± 0.3 mg DO/L

Meter/Instrument Name and Unique ID: YSI

Initials	Date	Time	Standard (DO %)	Temp °C	Saturation mg/L (100%)	Response DO (%)	Deviation mg DO/L	Deviation mg DO/L	Pass or Fail
CAL ICV CCV <u>EL</u>	<u>6/16/22</u>	<u>1110</u>	<u>100%</u>	<u>31.6</u>	<u>707</u>	<u>96.4</u>	<u>7.09</u>	<u>+0.02</u>	<u>P</u> F
CAL ICV CCV <u>EL</u>	<u>6/16</u>	<u>1650</u>	<u>100%</u>	<u>31.2</u>	<u>701</u>	<u>95.3</u>	<u>7.05</u>	<u>+0.04</u>	<u>P</u> F
CAL ICV CCV			<u>100%</u>						P F
CAL ICV CCV			<u>100%</u>						P F
CAL ICV CCV			<u>100%</u>						P F
CAL ICV CCV			<u>100%</u>						P F

See Table FT 1500-1 and/or Table FS 2200-2 for Dissolved Oxygen Saturation corresponding to Temperature.

SPECIFIC CONDUCTANCE (REFERENCE: DEP SOP FT 1200)

Acceptance Criteria $\pm 5\%$ the standard

Meter/Instrument Name and Unique ID: YSI

Initials	Date	Time	Standard (μ mho/cm)	Exp. Date	Lot #	Response	Deviation (%)	Pass or Fail
CAL ICV CCV <u>EL</u>	<u>6/16</u>	<u>1110</u>	<u>1.413</u>	<u>11/22</u>	<u>16K144</u>	<u>1.392</u>	<u>-1.5</u>	<u>P</u> F
CAL ICV CCV <u>EL</u>	<u>6/16</u>	<u>1650</u>	<u>1.413</u>	<u>"</u>	<u>"</u>	<u>1.390</u>	<u>-1.6</u>	<u>P</u> F
CAL ICV CCV								P F
CAL ICV CCV								P F
CAL ICV CCV								P F
CAL ICV CCV								P F
CAL ICV CCV								P F
CAL ICV CCV								P F
CAL ICV CCV								P F

OXIDATION-REDUCTION POTENTIAL (ORP)

Acceptance Criteria ± 10 mV

REFERENCE: EPA Region 4, Operating Procedure, Field Measurement of Oxidation-Reduction Potential (ORP)

Meter/Instrument Name and Unique ID: YSI

Initials	Date	Time	Standard (mV)	Exp. Date	Lot #	Response (mV)	Response (mV)	Pass or Fail
CAL ICV CCV <u>EL</u>	<u>6/16</u>	<u>1110</u>	<u>240</u>	<u>8/22</u>	<u>16K149</u>	<u>240.8</u>	<u>+1.8</u>	<u>P</u> F
CAL ICV CCV <u>EL</u>	<u>6/16</u>	<u>1650</u>	<u>240</u>	<u>"</u>	<u>"</u>	<u>241.2</u>	<u>+1.2</u>	<u>P</u> F
CAL ICV CCV								P F
CAL ICV CCV								P F
CAL ICV CCV								P F
CAL ICV CCV								P F

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

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

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APPENDIX C
LABORATORY ANALYTICAL REPORTS

February 04, 2022

Lee Taylor
Taylor Environmental Consulting, Inc.
6820 Goldflower Avenue
Saint Cloud, FL 34773

RE: Project: Exxon Station
Pace Project No.: 35692916

Dear Lee Taylor:

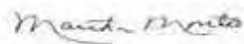
Enclosed are the analytical results for sample(s) received by the laboratory on January 27, 2022. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

The test results provided in this final report were generated by each of the following laboratories within the Pace Network:

- Pace Analytical Services - Ormond Beach

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

Sincerely,



Martha Montero
martha.montero@pacelabs.com
(386)672-5668
Project Manager

Enclosures

cc: Joseph C. Brown, Taylor Environmental Consulting Inc.
Lee Taylor, Taylor Environmental Consulting



REPORT OF LABORATORY ANALYSIS

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CERTIFICATIONS

Project: Exxon Station

Pace Project No.: 35692916

Pace Analytical Services Ormond Beach

8 East Tower Circle, Ormond Beach, FL 32174

Alaska DEC- CS/UST/LUST

Alabama Certification #: 41320

Colorado Certification: FL NELAC Reciprocity

Connecticut Certification #: PH-0216

Delaware Certification: FL NELAC Reciprocity

Florida Certification #: E83079

Georgia Certification #: 955

Guam Certification: FL NELAC Reciprocity

Hawaii Certification: FL NELAC Reciprocity

Illinois Certification #: 200068

Indiana Certification: FL NELAC Reciprocity

Kansas Certification #: E-10383

Kentucky Certification #: 90050

Louisiana Certification #: FL NELAC Reciprocity

Louisiana Environmental Certificate #: 05007

Maine Certification #: FL01264

Maryland Certification: #346

Michigan Certification #: 9911

Mississippi Certification: FL NELAC Reciprocity

Missouri Certification #: 236

Montana Certification #: Cert 0074

Nebraska Certification: NE-OS-28-14

New Hampshire Certification #: 2958

New Jersey Certification #: FL022

New York Certification #: 11608

North Carolina Environmental Certificate #: 667

North Carolina Certification #: 12710

North Dakota Certification #: R-216

Ohio DEP 87780

Oklahoma Certification #: D9947

Pennsylvania Certification #: 68-00547

Puerto Rico Certification #: FL01264

South Carolina Certification: #96042001

Tennessee Certification #: TN02974

Texas Certification: FL NELAC Reciprocity

US Virgin Islands Certification: FL NELAC Reciprocity

Virginia Environmental Certification #: 460165

West Virginia Certification #: 9962C

Wisconsin Certification #: 399079670

Wyoming (EPA Region 8): FL NELAC Reciprocity

REPORT OF LABORATORY ANALYSIS

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SAMPLE SUMMARY

Project: Exxon Station

Pace Project No.: 35692916

Lab ID	Sample ID	Matrix	Date Collected	Date Received
35692916001	MW-16	Water	01/27/22 13:14	01/27/22 15:25

REPORT OF LABORATORY ANALYSIS

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SAMPLE ANALYTE COUNT

Project: Exxon Station
Pace Project No.: 35692916

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
35692916001	MW-16	EPA 8260	AST	8	PASI-O

PASI-O = Pace Analytical Services - Ormond Beach

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Exxon Station

Pace Project No.: 35692916

Sample: MW-16 Lab ID: 35692916001 Collected: 01/27/22 13:14 Received: 01/27/22 15:25 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV, Short List									
Analytical Method: EPA 8260									
Pace Analytical Services - Ormond Beach									
Benzene	6.3	ug/L	1.0	0.30	1		02/04/22 04:18	71-43-2	
Ethylbenzene	0.30 U	ug/L	1.0	0.30	1		02/04/22 04:18	100-41-4	
Methyl-tert-butyl ether	6.4	ug/L	5.0	1.6	1		02/04/22 04:18	1634-04-4	
Toluene	0.71 U	ug/L	1.0	0.71	1		02/04/22 04:18	108-88-3	
Xylene (Total)	2.1 U	ug/L	5.0	2.1	1		02/04/22 04:18	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	97	%	70-130		1		02/04/22 04:18	460-00-4	
Toluene-d8 (S)	100	%	70-130		1		02/04/22 04:18	2037-26-5	
1,2-Dichlorobenzene-d4 (S)	100	%	70-130		1		02/04/22 04:18	2199-69-1	

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: Exxon Station

Pace Project No.: 35692916

QC Batch: 797291

Analysis Method: EPA 8260

QC Batch Method: EPA 8260

Analysis Description: 8260 MSV

Laboratory: Pace Analytical Services - Ormond Beach

Associated Lab Samples: 35692916001

METHOD BLANK: 4377848

Matrix: Water

Associated Lab Samples: 35692916001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Benzene	ug/L	0.30 U	1.0	0.30	02/04/22 00:20	
Ethylbenzene	ug/L	0.30 U	1.0	0.30	02/04/22 00:20	
Methyl-tert-butyl ether	ug/L	1.6 U	5.0	1.6	02/04/22 00:20	
Toluene	ug/L	0.71 U	1.0	0.71	02/04/22 00:20	
Xylene (Total)	ug/L	2.1 U	5.0	2.1	02/04/22 00:20	
1,2-Dichlorobenzene-d4 (S)	%	101	70-130		02/04/22 00:20	
4-Bromofluorobenzene (S)	%	98	70-130		02/04/22 00:20	
Toluene-d8 (S)	%	100	70-130		02/04/22 00:20	

LABORATORY CONTROL SAMPLE: 4377849

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Benzene	ug/L	20	19.6	98	70-130	
Ethylbenzene	ug/L	20	19.5	97	70-130	
Methyl-tert-butyl ether	ug/L	20	18.6	93	64-124	
Toluene	ug/L	20	19.3	96	70-130	
Xylene (Total)	ug/L	60	58.6	98	70-130	
1,2-Dichlorobenzene-d4 (S)	%			100	70-130	
4-Bromofluorobenzene (S)	%			101	70-130	
Toluene-d8 (S)	%			101	70-130	

MATRIX SPIKE SAMPLE: 4377851

Parameter	Units	35692972021 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Benzene	ug/L	0.30 U	20	21.8	109	70-130	
Ethylbenzene	ug/L	0.30 U	20	20.6	103	70-130	
Methyl-tert-butyl ether	ug/L	1.6 U	20	19.3	96	64-124	
Toluene	ug/L	0.71 U	20	21.2	106	70-130	
Xylene (Total)	ug/L	2.1 U	60	61.4	102	70-130	
1,2-Dichlorobenzene-d4 (S)	%				99	70-130	
4-Bromofluorobenzene (S)	%				99	70-130	
Toluene-d8 (S)	%				99	70-130	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

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**QUALITY CONTROL DATA**

Project: Exxon Station

Pace Project No.: 35692916

SAMPLE DUPLICATE: 4377850

Parameter	Units	35692972020 Result	Dup Result	RPD	Max RPD	Qualifiers
Benzene	ug/L	0.30 U	0.30 U		40	
Ethylbenzene	ug/L	0.30 U	0.30 U		40	
Methyl-tert-butyl ether	ug/L	1.6 U	1.6 U		40	
Toluene	ug/L	0.71 U	0.71 U		40	
Xylene (Total)	ug/L	2.1 U	2.1 U		40	
1,2-Dichlorobenzene-d4 (S)	%	101	100		40	
4-Bromofluorobenzene (S)	%	98	97		40	
Toluene-d8 (S)	%	99	100		40	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

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QUALIFIERS

Project: Exxon Station

Pace Project No.: 35692916

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit - The lowest concentration value that meets project requirements for quantitative data with known precision and bias for a specific analyte in a specific matrix.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Reported results are not rounded until the final step prior to reporting. Therefore, calculated parameters that are typically reported as "Total" may vary slightly from the sum of the reported component parameters.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

U Compound was analyzed for but not detected.

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Exxon Station

Pace Project No.: 35692916

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
35692916001	MW-16	EPA 8260	797291		

REPORT OF LABORATORY ANALYSIS

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Pace Container Order #911753

Addresses

Order By :

Company Taylor Environmental Consulting,
 Contact Taylor, Lee
 Email lee.taylor@taylorenv.com
 Address 6820 Goldflower Avenue
 Address 2 _____
 City Saint Cloud
 State FL Zip 34773
 Phone NONE

Ship To :

Company Hold for Client Pickup
 Contact _____
 Email _____
 Address _____
 Address 2 _____
 City _____
 State _____ Zip _____
 Phone _____

Return To:

Company Pace Analytical Ormond Beach
 Contact Montero, Martha
 Email martha.montero@pacelabs.com
 Address 8 East Tower Circle
 Address 2 _____
 City Ormond Beach
 State FL Zip 32174
 Phone (386)672-5668

Info

Project Name Exxon Station Due Date 01/26/2022 Profile 12295 L1 Quote _____
 Project Manager Montero, Martha Return Date _____ Carrier Client Pick Up Location FL

Trip Blanks

☐ Include Trip Blanks

Bottle Labels

☐ Blank
☐ Pre-Printed No Sample IDs
☒ Pre-Printed With Sample IDs

Bottles

☐ Boxed Cases
☐ Individually Wrapped
☒ Grouped By Sample ID/Matrix

Return Shipping Labels

☐ No Shipper
☐ With Shipper

COC Options

☐ Number of Blanks _____
☒ Pre-Printed _____

Misc

☐ Sampling Instructions
☒ Custody Seal
☒ Temp. Blanks
☐ Coolers _____
☐ Syringes _____
☐ Extra Bubble Wrap
☐ Short Hold/Rush Stickers
☐ DI Water Liter(s)
☐ USDA Regulated Soils

# of Samples	Matrix	Test	Container	Total	# of	Lot #	Notes
1	WT	8260 BTEX/MTBE	3-40mL clear glass vials w/HCL	3	0	102620-3CYR	

Hazard Shipping Placard In Place : NO

*Sample receiving hours are Mon-Fri 8:00am-6:00pm and Sat 10:00am-6:00pm unless special arrangements are made with your project manager.
 *Pace Analytical reserves the right to return hazardous, toxic, or radioactive samples to you.
 *Pace Analytical reserves the right to charge for unused bottles, as well as cost associated with sample storage/disposal.
 *Payment term are net 30 days.
 *Please include the proposal number on the chain of custody to insure proper billing.

LAB USE:

Ship Date : _____
 Prepared By: _____
 Verified By: _____

Sample

CLIENT USE (Optional):

Date Rec'd: _____
 Received By: _____
 Verified By: _____

Project #
Project Manager:

WO#: 35692916

Client:

PM: MIM

Due Date: 02/03/22

CLIENT: TAYENV

Date and Initials of person:

Examining contents:

Label:

Deliver:

pH:

Thermometer Used:

e: 1528

Initials:

State of Origin:

☐ For WV projects, all containers verified to $\leq 6^{\circ}\text{C}$

Cooler #1 Temp. $^{\circ}\text{C}$ 10.2 (Visual) 10.0 (Correction Factor) 10.2 (Actual)

Cooler #2 Temp. $^{\circ}\text{C}$ (Visual) (Correction Factor) (Actual)

Cooler #3 Temp. $^{\circ}\text{C}$ (Visual) (Correction Factor) (Actual)

Cooler #4 Temp. $^{\circ}\text{C}$ (Visual) (Correction Factor) (Actual)

Cooler #5 Temp. $^{\circ}\text{C}$ (Visual) (Correction Factor) (Actual)

Cooler #6 Temp. $^{\circ}\text{C}$ (Visual) (Correction Factor) (Actual)

Recheck for OOT $^{\circ}\text{C}$ (Visual) (Correction Factor) (Actual) Time: Initials:

Courier: ☐ Fed Ex ☐ UPS ☐ USPS ☒ Client ☐ Commercial ☐ Pace ☐ Other

Shipping Method: ☐ First Overnight ☐ Priority Overnight ☐ Standard Overnight ☐ Ground ☐ International Priority

☐ Other

Billing: ☐ Recipient ☐ Sender ☐ Third Party ☐ Credit Card ☐ Unknown

Tracking #

Custody Seal on Cooler/Box Present: ☐ Yes ☒ No Seals Intact: ☐ Yes ☐ No Ice: ☒ Wet ☐ Blue ☐ Melted ☐ None

Packing Material: ☒ Bubble Wrap ☒ Bubble Bags ☐ None ☐ Other

Samples shorted to lab (If Yes, complete) Shorted Date: Shorted Time: Qty:

Comments:

Chain of Custody Present	☒ Yes ☐ No ☐ N/A
Chain of Custody Filled Out	☒ Yes ☐ No ☐ N/A
Relinquished Signature & Sampler Name COC	☒ Yes ☐ No ☐ N/A
Samples Arrived within Hold Time	☒ Yes ☐ No ☐ N/A
Rush TAT requested on COC	☐ Yes ☒ No ☐ N/A
Sufficient Volume	☒ Yes ☐ No ☐ N/A
Correct Containers Used	☒ Yes ☐ No ☐ N/A
Containers Intact	☒ Yes ☐ No ☐ N/A
Sample Labels match COC (sample IDs & date/time of collection)	☒ Yes ☐ No ☐ N/A
All containers needing acid/base preservation have been checked.	☐ Yes ☐ No ☒ N/A
All Containers needing preservation are found to be in compliance with EPA recommendation:	☐ Yes ☐ No ☒ N/A
Exceptions: Vials, Microbiology, O&G, PFAS	
Headspace in VOA Vials? (>6mm):	☐ Yes ☒ No ☐ N/A
Trip Blank Present:	☐ Yes ☒ No ☐ N/A

Preservation Information:

Preservative:

Lot #/Trace #:

Date:

Time:

Initials:

Comments/ Resolution (use back for additional comments):



Orlando, FL

07/08/22

The results set forth herein are provided by SGS North America Inc.

e-Hardcopy 2.0
Automated Report

Technical Report for

Taylor Environmental Consulting

Exxon Station; 2450 SR 16, St Augustine, FL

SGS Job Number: FA96724

Sampling Date: 06/20/22

Report to:

Taylor Environmental Consulting
6820 Goldflower Ave
Harmony, FL 34773
lee.taylor@taylorenv.com

ATTN: Lee Taylor

Total number of pages in report: 13



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: Andrea Colby 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.



Table of Contents

Sections:

1

2

3

4

5

-1-

Section 1: Sample Summary	3
Section 2: Summary of Hits	4
Section 3: Sample Results	5
3.1: FA96724-1: MW-16	6
Section 4: Misc. Forms	7
4.1: Chain of Custody	8
Section 5: MS Volatiles - QC Data Summaries	10
5.1: Method Blank Summary	11
5.2: Blank Spike Summary	12
5.3: Matrix Spike/Matrix Spike Duplicate Summary	13



Sample Summary

Taylor Environmental Consulting

Job No: FA96724

Exxon Station; 2450 SR 16, St Augustine, FL

Sample Number	Collected		Received	Matrix		Client
	Date	Time By		Code	Type	
FA96724-1	06/20/22	16:02 EL	06/22/22	AQ	Ground Water	MW-16

Summary of Hits

Page 1 of 1

Job Number: FA96724
Account: Taylor Environmental Consulting
Project: Exxon Station; 2450 SR 16, St Augustine, FL
Collected: 06/20/22

2

Lab Sample ID Analyte	Client Sample ID	Result/ Qual	PQL	MDL	Units	Method
FA96724-1	MW-16					
Benzene		35.0	1.0	0.31	ug/l	SW846 8260D
Toluene		5.8	1.0	0.30	ug/l	SW846 8260D
Ethylbenzene		0.38 I	1.0	0.36	ug/l	SW846 8260D
Xylene (total)		0.99 I	3.0	0.72	ug/l	SW846 8260D
Methyl Tert Butyl Ether		4.8	1.0	0.23	ug/l	SW846 8260D

Sample Results

Report of Analysis

Report of Analysis

Client Sample ID:	MW-16	Date Sampled:	06/20/22
Lab Sample ID:	FA96724-1	Date Received:	06/22/22
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260D		
Project:	Exxon Station; 2450 SR 16, St Augustine, FL		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	O69474.D	1	07/02/22 11:26	AL	n/a	n/a	VO2751
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, MTBE

CAS No.	Compound	Result	PQL	MDL	Units	Q
71-43-2	Benzene	35.0	1.0	0.31	ug/l	
108-88-3	Toluene	5.8	1.0	0.30	ug/l	
100-41-4	Ethylbenzene	0.38	1.0	0.36	ug/l	I
1330-20-7	Xylene (total)	0.99	3.0	0.72	ug/l	I
1634-04-4	Methyl Tert Butyl Ether	4.8	1.0	0.23	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	94%		83-118%
17060-07-0	1,2-Dichloroethane-D4	97%		79-125%
2037-26-5	Toluene-D8	99%		85-112%
460-00-4	4-Bromofluorobenzene	100%		83-118%

U = Not detected MDL = Method Detection Limit
PQL = Practical Quantitation Limit
L = Indicates value exceeds calibration range

I = Result > = MDL but < PQL J = Estimated value
V = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Misc. Forms

Custody Documents and Other Forms

Includes the following where applicable:

- Chain of Custody

FA96724

[illegible]

4.1

FA96724: Chain of Custody

Page 1 of 2

SGS Sample Receipt Summary

Job Number: FA96724 **Client:** TAYLOR ENV CONS **Project:** EXXON STATION
Date / Time Received: 6/22/2022 3:00:00 PM **Delivery Method:** DROPOFF **Airbill #s:**

Therm ID: IR 1; **Therm CF:** 0.4; **# of Coolers:** 1
Cooler Temps (Raw Measured) °C: Cooler 1: (3.0);
Cooler Temps (Corrected) °C: Cooler 1: (3.4);

<u>Cooler Information</u>			<u>Sample Information</u>			
	<u>Y</u>	<u>or N</u>		<u>Y</u>	<u>or N</u>	<u>N/A</u>
1. Custody Seals Present	☒	☐	1. Sample labels present on bottles	☒	☐	
2. Custody Seals Intact	☒	☐	2. Samples preserved properly	☒	☐	
3. Temp criteria achieved	☒	☐	3. Sufficient volume/containers recvd for analysis:	☒	☐	
4. Cooler temp verification	<u>IR Gun</u>		4. Condition of sample	<u>Intact</u>		
5. Cooler media	<u>Ice (Bag)</u>		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?	☐	☐	☒

<u>Trip Blank Information</u>	<u>Y</u>	<u>or N</u>	<u>N/A</u>
1. Trip Blank present / cooler	☐	☐	☒
2. Trip Blank listed on COC	☐	☐	☒
	<u>W</u>	<u>or S</u>	<u>N/A</u>
3. Type Of TB Received	☐	☐	☒

<u>Trip Blank Information</u>	<u>Y</u>	<u>or N</u>	<u>N/A</u>
1. Trip Blank present / cooler	☐	☐	☒
2. Trip Blank listed on COC	☐	☐	☒
	<u>W</u>	<u>or S</u>	<u>N/A</u>
3. Type Of TB Received	☐	☐	☒

Misc. Information

Number of Encores: 25-Gram _____ 5-Gram _____ Number of 5035 Field Kits: _____ Number of Lab Filtered Metals: _____
 Test Strip Lot #: pH 0-3 _____ 230315 pH 10-12 _____ 219813A Other: (Specify) _____
 Residual Chlorine Test Strip Lot #: _____

Comments

SM001 Technician: SAMUELM Date: 6/22/2022 3:00:00 PM Reviewer: _____ Date: _____
 Rev. Date 05/24/17

FA96724: Chain of Custody
Page 2 of 2



MS Volatiles

5

QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Blank Spike Summaries
- Matrix Spike and Duplicate Summaries

Method Blank Summary

Page 1 of 1

Job Number: FA96724
Account: TECFLSC Taylor Environmental Consulting
Project: Exxon Station; 2450 SR 16, St Augustine, FL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VO2751-MB	O69454.D	1	07/02/22	AL	n/a	n/a	VO2751

The QC reported here applies to the following samples:

Method: SW846 8260D

FA96724-1

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.31	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.36	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.23	ug/l	
108-88-3	Toluene	ND	1.0	0.30	ug/l	
1330-20-7	Xylene (total)	ND	3.0	0.72	ug/l	

CAS No.	Surrogate Recoveries	Limits
1868-53-7	Dibromofluoromethane	94% 83-118%
17060-07-0	1,2-Dichloroethane-D4	99% 79-125%
2037-26-5	Toluene-D8	99% 85-112%
460-00-4	4-Bromofluorobenzene	99% 83-118%

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
124-38-9	Carbon dioxide	2.58	32	ug/l	JN
	Total TIC, Volatile		0	ug/l	

Blank Spike Summary

Page 1 of 1

Job Number: FA96724
Account: TECFLSC Taylor Environmental Consulting
Project: Exxon Station; 2450 SR 16, St Augustine, FL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VO2751-BS	O69452.D	1	07/02/22	AL	n/a	n/a	VO2751

The QC reported here applies to the following samples:

Method: SW846 8260D

FA96724-1

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
71-43-2	Benzene	25	23.6	94	81-122
100-41-4	Ethylbenzene	25	23.4	94	81-121
1634-04-4	Methyl Tert Butyl Ether	25	23.9	96	72-117
108-88-3	Toluene	25	23.1	92	80-120
1330-20-7	Xylene (total)	75	70.8	94	80-126

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	100%	83-118%
17060-07-0	1,2-Dichloroethane-D4	101%	79-125%
2037-26-5	Toluene-D8	99%	85-112%
460-00-4	4-Bromofluorobenzene	99%	83-118%

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Page 1 of 1

Job Number: FA96724
Account: TECFLSC Taylor Environmental Consulting
Project: Exxon Station; 2450 SR 16, St Augustine, FL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
FA96441-7MS	O69475.D	5	07/02/22	AL	n/a	n/a	VO2751
FA96441-7MSD	O69476.D	5	07/02/22	AL	n/a	n/a	VO2751
FA96441-7 ^a	O69456.D	1	07/02/22	AL	n/a	n/a	VO2751

The QC reported here applies to the following samples:

Method: SW846 8260D

FA96724-1

CAS No.	Compound	FA96441-7 ug/l	Spike Q	MS ug/l	MS %	Spike ug/l	MSD ug/l	MSD %	RPD	Limits Rec/RPD
71-43-2	Benzene	1.0 U	125	117	94	125	116	93	1	81-122/14
100-41-4	Ethylbenzene	1.0 U	125	116	93	125	117	94	1	81-121/14
1634-04-4	Methyl Tert Butyl Ether	1.0 U	125	117	94	125	115	92	2	72-117/14
108-88-3	Toluene	1.0 U	125	115	92	125	116	93	1	80-120/14
1330-20-7	Xylene (total)	3.0 U	375	355	95	375	357	95	1	80-126/15

CAS No.	Surrogate Recoveries	MS	MSD	FA96441-7	Limits
1868-53-7	Dibromofluoromethane	98%	99%	95%	83-118%
17060-07-0	1,2-Dichloroethane-D4	97%	97%	99%	79-125%
2037-26-5	Toluene-D8	99%	100%	100%	85-112%
460-00-4	4-Bromofluorobenzene	100%	99%	98%	83-118%

(a) Sample analyzed beyond hold time.

* = Outside of Control Limits.



FLORIDA DEPARTMENT OF Environmental Protection

Northeast District
8800 Baymeadows Way West, Suite 100
Jacksonville, Florida 32256

Ron DeSantis
Governor

Jeanette Nuñez
Lt. Governor

Shawn Hamilton
Secretary

October 20, 2022

Felicity Maley
Maley Family Partnership
3434 Raulerson Road
St. Augustine, Florida 32092
evemaley@aol.com

Re: Site Rehabilitation Completion Order
Exxon Station
2450 U.S. Highway 16
St. Augustine, Florida
DEP Facility # 55/8515941
St. Johns County – Waste Cleanup

Dear Ms. Maley:

The Northeast District has reviewed the Semi-Annual Post Active Remediation Monitoring Report, dated/received July 20, 2022, and provided by Taylor Environmental Consulting, LLC for the Exxon Station, located at 2450 U.S. Highway 16, St. Augustine, St. Johns County, Florida. A map showing the location of the contaminated site for which this Order is being issued is attached as **Exhibit 1** and is incorporated by reference herein. Failure to comply with the provisions of this order is a violation of section 376.302, Florida Statutes (F.S.).

The contamination, which resulted from a non-program discharge stemming from the replacement of piping boots at all dispenser and submersible turbine pump (STP) sumps on August 25, 2017. Based on follow-up sampling, a discharge reporting form (DRF) was submitted to the Department on March 8, 2018. Subsequent assessment, remediation and post active remediation groundwater monitoring have addressed the contamination from this (non-program) discharge. However, program eligible contamination remains at the site.

The Semi-Annual Post Active Remediation Monitoring Report is supported by earlier submittals, prepared pursuant to the requirements of Chapter 62-780, Florida Administrative Code (F.A.C.), which can be found in the Department's document repository at:

[Exxon Hwy 16](#)

Based on the documentation submitted with the Semi-Annual Post Active Remediation Monitoring Report and other submitted documents, the Department has reasonable assurance that the Maley Family Partnership has met the criteria in Chapter 62-780, F.A.C. The submittals indicate that groundwater contaminant concentrations related to this discharge are below the applicable Groundwater Cleanup Target Levels as adopted in Chapter 62-777, F.A.C. (Effective date *April 17, 2005*.) Therefore, the Maley Family Partnership has satisfied the site rehabilitation requirements for the above-referenced

contaminated site and are released from any further obligation to conduct site rehabilitation at the contaminated site, except as set forth below. See attached tables (**Exhibit 2**), incorporated by reference herein, which includes information regarding the contaminants, affected media, and applicable cleanup target levels for the contaminated site that is the subject of this Order.

The Maley Family Partnership is not required to properly abandon any monitoring wells at the site, in accordance with this Order. The monitoring wells will be plugged and abandoned in accordance with the requirements of Rule 62-532.500(5), F.A.C; by the Department at a future date, when the program eligible discharge has been remediated. Please see the executed, "Agreement to Transfer Responsibility for Existing Wells," (**Exhibit 3**) which transfers the ownership of the wells installed by the Maley Family Partnership to the Department.

In accordance with Chapter 376.30701(4), Florida Statutes (F.S.), upon completion of site rehabilitation, additional site rehabilitation is not required unless it is demonstrated that:

- (a) Fraud was committed in demonstrating site conditions or completion of site rehabilitation;
- (a) New information confirms the existence of an area of previously unknown contamination which exceeds the site-specific rehabilitation levels established in accordance with Section 376.30701(2), F.S., or which otherwise poses the threat of real and substantial harm to public health, safety, or the environment;
- (c) A new discharge of pollutants or hazardous substances occurs at the site subsequent to the issuance of this Order.

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. Also, a copy of the petition shall be mailed to the addressee of this order 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 of this order must be filed within **21** days of receipt of this written notice. Petitions filed by any persons other than the addressee of this order 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), F.A.C.

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, 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.

Ms. Felicity Maley
Exxon Station U.S. Highway 16
October 20, 2022
Page 4 of 4

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 Department's review of your Semi-Annual Post Active Remediation Monitoring Report should be directed to Darrin McKeehen at the letterhead address, 904-256-1545 or Darrin.McKeehen@dep.state.fl.us. 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 administrative hearing or request for an extension of time to file a petition for administrative hearing.

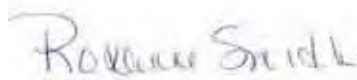
Sincerely,



Thomas G. Kallemeyn
Permitting Program Administrator



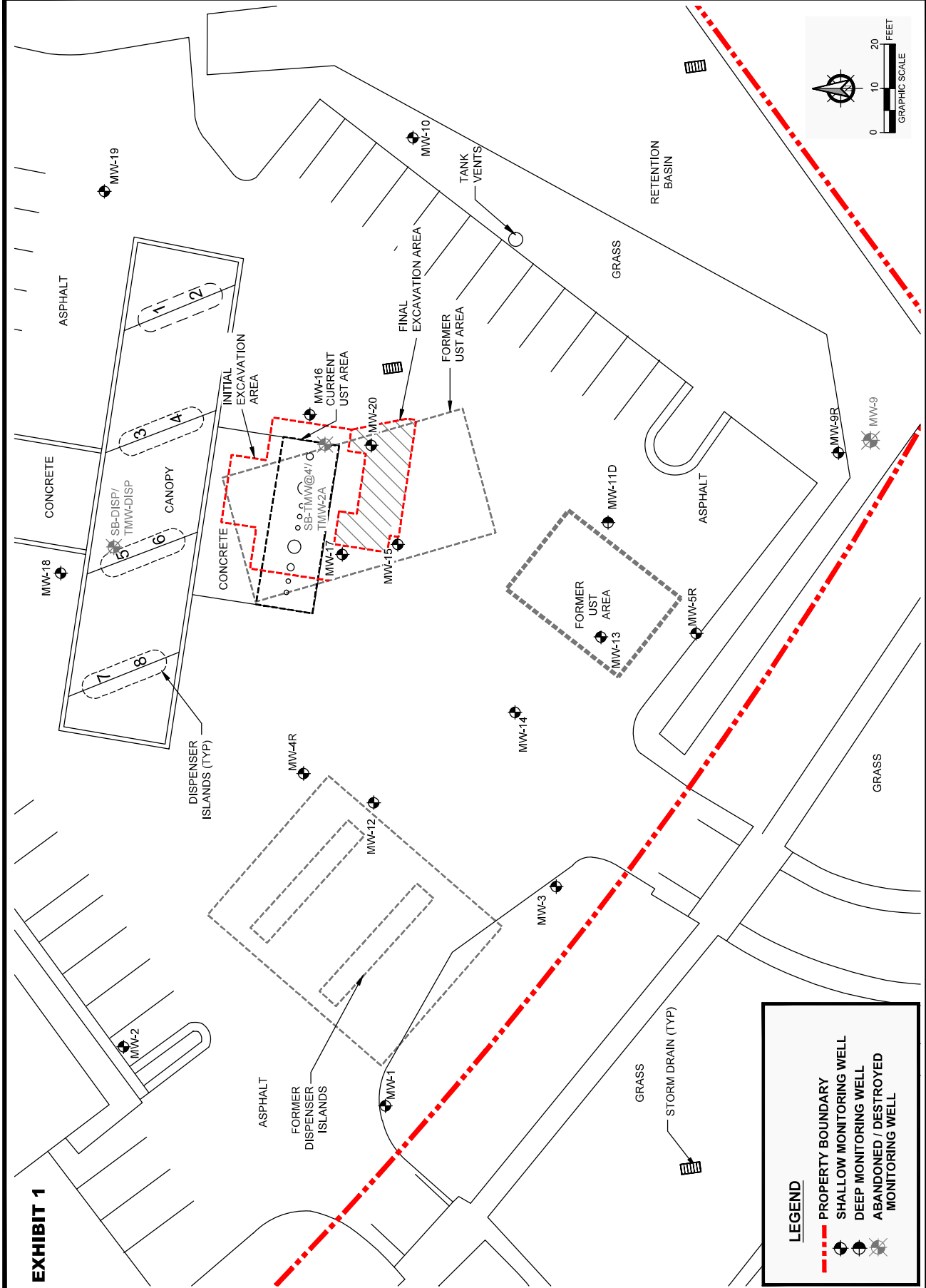
FILED AND ACKNOWLEDGMENT
FILED, on this date, pursuant to §120.52
Florida Statutes, with the designated
Department Clerk, receipt of which is
hereby acknowledged.



Clerk

10-19-2022
Date

Enclosures (Exhibits 1, 2 and 3)



TAYLOR ENVIRONMENTAL CONSULTING
6820 GOLFOWER AVENUE
HARMONY, FLORIDA 34773
(407) 864-1115

PROJECT: **St. Johns County**
UTILITY DEPARTMENT
2450 SR 16
ST AUGUSTINE, ST JOHNS CO, FL
FAC ID #55/8515941
SECTION 06, TOWNSHIP 07S, RANGE 29E

TITLE: **SITE MAP**

FIGURE: **1**

EXHIBIT 2

TABLE 2A: GROUNDWATER ANALYTICAL SUMMARY - VOCs, EDC, EDB, Lead, & TRPH

Facility Name: Exxon Station

Facility Location: 2450 Highway 16, St. Augustine, Florida 32902

Facility ID No.: 55/8515941

See notes at end of table.

Sample	Benzene		Toluene		Ethylbenzene		Total Xylenes		MTBE		Bromo-dichloromethane		Dibromo-chloromethane		All other VOCs		1,2-Dibromoethane (EDB)		1,2-Dichloroethane (EDC)		Lead		TRPH	
	Well I.D.	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)	(µg/L)	(µg/L)	(µg/L)
GCTL			1	40	30	20	20	20	20	20	0.6	0.4	0.02**	3**	15**	5,000								
			100	400	300	200	200	200	200	200	60	40	2	300	150	50,000								
NADC																								
TW-1			08/25/17																					
TMW-DISP			06/14/18	28	190	38	190	190	0.82 I	0.82 I	1.1	0.85 I	*	0.020 U	0.60 U	3.2 U								
TMW-2A			04/08/19	210	89	20	120	120	94	94														
MW-1			12/27/12	0.200 U	0.170 U	0.190 U	0.180 U	0.180 U	0.120 U	0.120 U														
MW-2			12/27/12	0.200 U	0.170 U	0.190 U	0.180 U	0.180 U	0.120 U	0.120 U														
MW-3			11/08/07	0.500 U	0.500 U	0.520 U	1.68 U	1.68 U	0.590 U	0.590 U														
			12/27/12	0.200 U	0.170 U	0.190 U	5.99	5.99	0.562 I	0.562 I														
MW-4R			11/08/07	27.9	0.951 I	4.57	32.1	32.1	20.7	20.7														
			12/27/12	21.0	0.170 U	0.190 U	2.49 I	2.49 I	5.41	5.41														
			02/10/21	0.47 I	0.33 U	0.49 I	2.1 U	2.1 U	4.4 U	4.4 U														
			10/27/21	3.2	0.60 I	3.8	69.5	69.5	4.4 U	4.4 U														
MW-5R			11/08/07	15.6	0.551 I	0.520 U	23.0	23.0	13.7	13.7														
			12/27/12	0.524 I	0.170 U	0.593 I	1.41 I	1.41 I	1.66	1.66														
			02/10/21	0.30 U	0.33 U	0.30 U	2.1 U	2.1 U	4.4 U	4.4 U														
			10/27/21	0.30 U	0.33 U	0.30 U	2.1 U	2.1 U	4.4 U	4.4 U														
MW-9			12/27/12	0.200 U	0.170 U	0.190 U	0.180 U	0.180 U	5.28	5.28														
			11/03/20	0.30 U	0.33 U	0.30 U	2.1 U	2.1 U	4.4 U	4.4 U														
MW-9R			11/09/21	0.30 U	0.33 U	0.30 U	2.1 U	2.1 U	8.5	8.5														

TABLE 2A: GROUNDWATER ANALYTICAL SUMMARY - VOCs, EDC, EDB, Lead, & TRPH

Facility Name: Exxon Station

Facility Location: 2450 Highway 16, St. Augustine, Florida 32902

Facility ID No.: 55/8515941

See notes at end of table.

Sample		Benzene (µg/L)	Toluene (µg/L)	Ethyl- benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	Bromo- dichloro- methane (µg/L)	Dibromo- chloro- methane (µg/L)	All other VOCs (µg/L)	1,2-Dibromo- ethane (EDB) (µg/L)	1,2-Dichloro- ethane (EDC) (µg/L)	Lead (µg/L)	TRPH (µg/L)
GCTL		1	40	30	20	20	0.6	0.4	--	0.02**	3**	15**	5,000
	NADC	100	400	300	200	200	60	40	--	2	300	150	50,000
MW-10	12/27/12	0.200 U	0.170 U	0.190 U	0.180 U	0.120 U							273 V
MW-11D	12/27/12	0.200 U	0.170 U	0.190 U	0.180 U	1.42							357 V
MW-12	11/08/07	5.40	0.500 U	0.520 U	4.07	6.47							107 U
	12/27/12	10.2	0.170 U	0.305 I	0.875 I	17.6							378 V
	02/10/21	3.8	0.33 U	0.44 I	2.7 I	4.4 U							
	10/27/21	7.1	0.33 U	0.40 I	9.0	4.4 U							
MW-13	11/08/07	213 L	2.93	29.6	138	187							982
	12/27/12	240	4.16	16.5	90.4	73.7							625 V
	02/10/21	58.4	1.4	3.9	28.6	29.2							
	10/27/21	94.3	3.1	4.0	80.0	27.9							
MW-14	11/08/07	245 L	6.44	38.7	256	143							664
	12/27/12	373	12.3	165.0	372	30.6							1,690 V
	12/17/19	39.3	0.86 I	8.5	31.6	1.9 I							
	02/10/21	25.3	0.43 I	5.2	23.2	4.4 U							
	10/27/21	34.4	0.46 I	4.0	26.5	4.4 U							

TABLE 2A: GROUNDWATER ANALYTICAL SUMMARY - VOCs, EDC, EDB, Lead, & TRPH

Facility Name: Exxon Station

Facility Location: 2450 Highway 16, St. Augustine, Florida 32902

Facility ID No.: 55/8515941

See notes at end of table.

Sample	Benzene		Toluene		Ethyl- benzene		Total Xylenes		MTBE		Bromo- dichloro- methane		Dibromo- chloro- methane		All other VOCs		1,2-Dibromo- ethane (EDB)		1,2-Dichloro- ethane (EDC)		Lead		TRPH	
	Well I.D.	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)	(µg/L)	(µg/L)	(µg/L)
GCTL			1	40	30	20	20	20	20	20	0.6	0.4	0.02**	3**	15**	5,000								
			100	400	300	200	200	200	200	200	60	40	2	300	150	50,000								
NADC																								
MW-15			11/08/07	1.20	0.734 I	0.520 U	0.168 U	2.84	2.84															
			12/27/12	1.46	0.170 U	0.190 U	0.180 U	21.6	21.6															
			12/17/19	81.5	0.33 U	1.6	2.1 U	0.51 U	0.51 U															
			11/03/20	7.3	0.33 U	0.40 I	2.1 U	4.4 U	4.4 U															
			02/10/21	1.8	0.33 U	0.30 U	2.1 U	4.4 U	4.4 U															
			06/23/21	0.30 U	0.33 U	0.30 U	2.1 U	4.4 U	4.4 U															
MW-16			10/27/21	0.30 U	0.33 U	0.30 U	2.1 U	4.4 U	4.4 U															
			02/17/20	3.8	0.33 U	0.30 U	2.1 U	0.51 U	0.51 U															
			11/03/20	1.4	0.33 U	0.30 U	2.1 U	4.4 U	4.4 U															
			02/10/21	0.95 I	0.33 U	0.30 U	2.1 U	4.4 U	4.4 U															
			06/23/21	45.9	0.62 I	0.37 I	2.1 U	4.4 U	4.4 U															
			07/20/21	35.8	0.33 U	0.30 I	2.1 U	4.4 U	4.4 U															
MW-17			10/27/21	18.7	1.7	0.46 I	2.1 U	4.7 I	4.7 I															
			01/27/22	6.3	0.71 U	0.30 U	2.1 U	6.4	6.4															
			02/17/20	5.4	0.33 U	2.2	2.1 U	0.62 I	0.62 I															
			11/03/20	0.30 U	0.33 U	0.30 U	2.1 U	19.9	19.9															
			02/10/21	31.3	0.49 I	0.30 U	2.1 U	4.8 I	4.8 I															
			02/24/21	18.2	0.30 U	0.36 U	0.72 U	3.7	3.7															
MW-17			06/23/21	0.30 U	0.33 U	0.30 U	2.1 U	4.4 U	4.4 U															
			10/27/21	0.30 U	0.33 U	0.30 U	2.1 U	4.4 U	4.4 U															

TABLE 2A: GROUNDWATER ANALYTICAL SUMMARY - VOCs, EDC, EDB, Lead, & TRPH

Facility Name: Exxon Station
 Facility Location: 2450 Highway 16, St. Augustine, Florida 32902
 Facility ID No.: 55/8515941

See notes at end of table.

Sample		Benzene	Toluene	Ethyl- benzene	Total Xylenes	MTBE	Bromo- dichloro- methane	Dibromo- chloro- methane	All other VOCs	1,2-Dibromo- ethane (EDB)	1,2-Dichloro- ethane (EDC)	Lead	TRPH
Well I.D.	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)
GCTL		1	40	30	20	20	0.6	0.4	--	0.02**	3**	15**	5,000
NADC		100	400	300	200	200	60	40	--	2	300	150	50,000
MW-18	02/17/20	0.10 U	0.50 U	0.50 U	1.0 U	0.50 U	---	---	---	---	---	---	740 U
MW-19	02/17/20	0.10 U	0.50 U	0.50 U	1.0 U	1.1 l	---	---	---	---	---	---	730 U
MW-20	02/10/21	0.30 U	0.33 U	0.30 U	2.1 U	9.2	---	---	---	---	---	---	---
	06/23/21	0.30 U	0.33 U	0.30 U	2.1 U	6.3	---	---	---	---	---	---	---
	10/27/21	0.30 U	0.33 U	0.30 U	2.1 U	4.4 U	---	---	---	---	---	---	---

Notes:

TW-1 sample collected by The NDN Companies
 2007 and 2012 samples collected by Groundwater & Environmental Services (GES)
 MTBE = Methyl tertiary butyl Ether
 VOCs = Volatile Organic Compounds
 TRPH = Total Recoverable Petroleum Hydrocarbons
 µg/L = micrograms per liter
 GCTL = Groundwater Cleanup Target Level specified in Table I of Chapter 62-777, Florida Administrative Code (FAC)
 NADC = Natural Attenuation Default Concentration specified in Table V of Chapter 62-777, FAC
 ** = As provided in Chapter 62-550, F.A.C.
 * = All other Volatile Organic Compounds (VOCs) were below detection limits (see laboratory report for remaining compounds)
 U = Test parameter not detected above the Laboratory Method Detection Limit (LMDL)
 l = Estimated concentration between LMDL and Practical Quantitation Limit (PQL)
 V = Indicates the analyte was detected in both the sample and the associated method blank.
 L = Not defined in GES's March 22, 2013 LSSI Report or the associated laboratory report. Typically indicates calibration range was exceeded.
 --- = Sample not analyzed for stated test parameter
BOLD = concentration exceeds GCTL
BOLD = concentration exceeds NADC

EXHIBIT 2

TABLE 2B: GROUNDWATER ANALYTICAL SUMMARY - PAHS

Facility Name: Exxon Station
Facility Location: 2450 Highway 16, St. Augustine, Florida 32902
Facility ID No.: 55/8515941

Sample	Acenaphthene		Acenaphthylene	Anthracene	Benzo (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	Naphthalene	1-Methylnaphthalene	2-Methylnaphthalene	Phenanthrene	Pyrene
	Well ID	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)
GCTL			2,100	210	0.05*	0.2 **	0.05*	210	0.5	4.8	0.005*	280	280	0.05*	14	28	28	210	210
			21,000	2,100	5	20	5	2,100	50	480	0.5	2,800	2,800	5	140	280	280	2,100	2,100
NADC			20	200															
			0.16 U	0.17 U	0.049 U	0.15 U	0.050 U	0.19 U	0.19 U	0.13 U	0.095 U	0.15 U	0.15 U	0.45 U	0.19 U	0.20 U	0.20 U	0.16 U	0.14 U
TW-1			0.17 U	0.18 U	0.051 U	0.15 U	0.052 U	0.20 U	0.20 U	0.14 U	0.099 U	0.15 U	0.16 U	0.047 U	9.5	4.4	7.1	0.17 U	0.15 U
			0.040 U	0.030 U	0.055 U	0.12 U	0.027 U	0.15 U	0.16 U	0.026 U	0.13 U	0.018 U	0.088 U	0.12 U	0.29 U	0.19 U	0.68 U	0.16 U	0.053 U
MW-5R			0.019 U	0.031 U	0.020 U	0.021 U	0.027 U	0.023 U	0.024 U	0.026 U	0.025 U	0.018 U	0.017 U	0.024 U	0.29 U	0.19 U	0.17 U	0.019 U	0.032 U
MW-9			0.040 U	0.030 U	0.055 U	0.12 U	0.027 U	0.15 U	0.16 U	0.026 U	0.13 U	0.018 U	0.088 U	0.12 U	0.29 U	0.19 U	0.68 U	0.16 U	0.032 U
MW-16			0.040 U	0.030 U	0.055 U	0.12 U	0.027 U	0.15 U	0.16 U	0.026 U	0.13 U	0.018 U	0.088 U	0.12 U	0.29 U	0.19 U	0.68 U	0.16 U	0.032 U
MW-17			0.040 U	0.030 U	0.055 U	0.12 U	0.027 U	0.15 U	0.16 U	0.026 U	0.13 U	0.018 U	0.088 U	0.12 U	0.29 U	0.19 U	0.68 U	0.16 U	0.032 U
MW-18			0.040 U	0.030 U	0.055 U	0.12 U	0.027 U	0.15 U	0.16 U	0.026 U	0.13 U	0.036 U	0.088 U	0.12 U	0.29 U	0.19 U	0.68 U	0.16 U	0.032 U
MW-19			0.040 U	0.030 U	0.055 U	0.12 U	0.027 U	0.15 U	0.16 U	0.026 U	0.13 U	0.087 U	0.088 U	0.12 U	0.29 U	0.19 U	0.68 U	0.18 U	0.059 U

See notes at end of table.

Notes:

TW-1 sample collected by The NDN Companies

µg/L = micrograms per liter

GCTL = Groundwater Cleanup Target Level specified in Table I of Chapter 62-777, Florida Administrative Code (FAC)

NADC = Natural Attenuation Default Concentration specified in Table V of Chapter 62-777, FAC

a = See 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.

** = As provided in Chapter 62-550, FAC

U = Test parameter not detected above the Laboratory Method Detection Limit (LMDL)

I = Estimated concentration between LMDL and Practical Quantitation Limit (PQL)

--- = Sample not analyzed for stated test parameter

BOLD = concentration exceeds GCTL

BOLD = concentration exceeds NADC

AGREEMENT TO TRANSFER RESPONSIBILITY FOR EXISTING MONITORING WELLS

This Agreement ("Agreement") is entered into between the Florida Department of Environmental Protection ("Department") and Malcy Family Partnership ("Owner"), the owner of the Exxon Station property located at 2450 U.S. Highway 16, parcel number 300340-0000, ("Property") in St. Johns County, Florida. The Department and the Owner will hereinafter be known as the "Parties". The purpose of this Agreement is to transfer responsibility for the monitoring wells installed by the Owner on the Property to the Department. In consideration of the mutual benefits to be derived herefrom, and other good and valuable consideration, the Parties hereby agree as follows:

PARTIES

1. The Department is the administrative agency of the State of Florida having the power and duty to protect Florida's air and water resources and to administer and enforce the provisions of Chapters 376 and 403, Florida Statutes (F.S.), and the rules promulgated thereunder in Title 62, Florida Administrative Code (F.A.C.). The Department has jurisdiction over the matters addressed in this Agreement and has assumed the responsibility for petroleum restoration of the Property within the Early Detection Incentive program.

2. The Department has assumed responsibility for the costs to maintain, properly use, and abandon monitoring wells that will be used to monitor contamination associated with an eligible discharge discovered on September 18, 1985. As part of its responsibility, the Department will assume responsibility for monitoring wells MW-16, MW-17, MW-18, MW-19, and MW-20 including following appropriate Water Management District guidance, appropriate local government rules, maintaining the integrity of the monitoring wells, and properly abandoning them at the conclusion of site rehabilitation.

BACKGROUND

3. The Property, located in St. Johns County, Florida, FDEP Facility ID # 55/8515941, was found to have petroleum contamination. Petroleum contamination originating at the Property and associated with the discharge discovered on September 18, 1985 was determined to be eligible for restoration coverage under the Early Detection Incentive Program.

4. The Owner, in its efforts to assess and remedy a subsequent release and respond to a Global RBCA Notice Letter received on April 19, 2019, installed the above referenced five additional wells to complete assessment and Post Active Remediation Monitoring. The Department has completed its review of the Fourth Quarter Post Remediation Monitoring Report for the Owner funded work and concurs that conditions have been met for the issuance of a Site Rehabilitation Completion Order with respect to the subsequent release. However, because of the extent of groundwater contamination associated with the eligible contamination the Department can now use the additional five monitoring wells for the delineation, characterization and rehabilitation of the eligible discharge. Information relating to the installation of the five

monitoring wells and their locations within the Property site plan are presented in Exhibits A and B.

MISCELLANEOUS PROVISIONS

5. When site rehabilitation has been completed for the eligible discharge and the Department issues a Site Rehabilitation Completion Order ("SRCO") for the eligible discharge dated September 18, 1985, then the Department will properly abandon all monitoring wells (including the five additional wells to be abandoned) within 60 days of issuance of the SRCO. The monitoring wells must be plugged and abandoned in accordance with the requirements of Subsection 62-532.500(5), F.A.C.

6. The Parties hereby agree that the laws of the State of Florida shall govern any and all actions or disputes arising out of this Agreement and any such actions shall be brought in Leon County, Florida.

7. This document constitutes the entire Agreement and understanding of the Parties to this Agreement and there are no other representations, warranties, covenants, terms or conditions agreed upon between the Parties other than those expressed in this Agreement regarding the monitoring wells.

8. This Agreement shall not constitute, be interpreted, construed or used as evidence of any admission of liability, law or fact, a waiver of any right or defense, nor an estoppel against any party, by the Parties as between themselves or by any other person or entity not a Party. No representation in this Agreement is intended or should be construed as intended to otherwise impede the enforcement of any term or condition of this Agreement against any Party to this Agreement by any Party to this Agreement.

This Agreement is effective upon execution by all of the Parties.

FOR THE OWNER:


(signature and date)

Robert D. Maley
(print name)

FOR THE DEPARTMENT:

Thomas
Kallemeyn
Digitally signed by Thomas
Kallemeyn
Date: 2022.10.19 14:05:37 -04'00'
(signature and date)

Thomas G. Kallemeyn
Remediation Programs Administrator
Northeast District

cc: PRP Site File
FDEP Northeast District

130700102.1

EXHIBIT A

SPRING LOG

Page 1 of 1

MW-17		550510641	
Site Name: Exxon Station-St. Augustine	Drillhole Start Date: 2/13/20 End Date: 2/13/20	Drillhole Start Time: 1345 End Time: 1320	AM ☒ PM ☒
Service Provider: Taylor Environmental Consulting	Geologist's Name: Elizabeth Lamug, E.I.	Environmental Technician's Name: Mark Haberkorn	
Drilling Company: PDS, Inc.	Parameter Thickness (inches): 4 ft	Drillhole Diameter (inches): 8	Drillhole Depth (feet): 12
Drilling Method(s): DPT	Apparent Drillhole DTW (in feet) (from well measure company): 6	Measured Well DTW (in feet after water recedes in well): 3.81	OVA (fill model and check type): Tiger Pro Check ☐ FID ☒ FID
Disposition of Drill Cuttings (check method(s)): ☒ Deam ☐ Spread ☐ Backfill ☐ Stockpile ☐ Other			
Drillhole Completion (check one): ☒ Wall ☐ Grout ☐ Bentonite ☐ Backfill ☐ Other (describe)			

Sample Type	Sample Depth Interval (feet)	Sample Recovery (feet)	SPT Blow Count (per 6 inches)	Lab Test OVA	Interpretation OVA	Net OVA	Depth (feet)	Sample Description (include grain size based on USCS, colors, staining, etc.)	USCS Symbol	Stratigraphic Interval	Groundwater Samples (for chemical analysis and depth or temporary water intervals)
PH	0-1	12	-	-	-	75.8	1	tan/dk gray fairly moist silty sand	SD	D	MW-17-1
	1-2	12	-	-	-	52.9	2	dk brown poorly graded silty sand	SD	M	
	2-3	12	-	-	-	16.7	3	strong silty sand		M	
	3-4	12	-	-	-	12.2	4	dk brown silty sand	SM	W	
	4-5	-	-	-	-	-	5				
V	5-6	24	-	-	-	100	6			S	
ST	6-7	-	-	-	-	-	7				
	7-8	24	-	-	-	1.3	8	dk gray silty sands		S	
	8-9	-	-	-	-	-	9				
	9-10	24	-	-	-	0.3	10			S	
	10-11	-	-	-	-	-	11				
V	11-12	24	-	-	-	1.3	12			S	

BORING LOG

Page 1 of 7

7

Boring/Well Number: MW-18	Permit Number: _____	FEMP Facility Identification Number: 558515041
Site Name: Exxon Station St. Augustine	Borehole Start Date: 2/13/20 End Date: 2/13/20	Borehole Start Time: 0853 AM ☐ PM End Time: 0910 AM ☐ PM
Drilling Company: Taylor Environmental Consulting	Geologist/Supervisor: Elizabeth Lamug, E.I.	Environmental Technician's Name: Mark Haberkorn
Drilling Company: PDS, Inc.	Permitment Thickness (inches): 2"	Borehole Diameter (inches): 8"
Drilling Method(s): DPT	Apparent Borehole DTH (in feet) (does not measure cement): 6	Measured Well DTH (in feet after water is pumped in well): 4.25
Disposition of Drill Cuttings (check method(s)): ☒ Drum ☐ Spread ☐ Backfill ☐ Backpile ☐ Other		
Borehole Completion (check one): ☒ Well ☐ Grout ☐ Bentonite ☐ Backfill ☐ Other (describe):		

Sample Type	Sample Depth Interval (feet)	Sample Recovery (feet)	SPT Blows (per 10 feet)	Gravel Content (%)	Gravel DVA	Net DVA	Depth (feet)	Sample Description (include grain size based on USCS, colors, staining, and other remarks)	Gravel Content (%)	Gravel DVA	Net DVA	Depth (feet)	Sample Description (include grain size based on USCS, colors, staining, and other remarks)	Gravel Content (%)	Gravel DVA	Net DVA	Depth (feet)
PH	0-1	12	-	-	-	0.0	1	DK gray poorly graded sand	50	M							
	1-2	12	-	-	-	0.0	2			D							
	2-3	12	-	-	-	0.3	3			M							
	3-4	12	-	-	-	0.5	4			W							
	4-5	12	-	-	-	-	5										
HA	4-6	24	-	-	-	0.5	6	Gray/DK gray FGS	20	W							
ST	6-8	24	-	-	-	0.2	8			S							
	8-10	24	-	-	-	0.2	10	Gray FGS		S							
	10-12	24	-	-	-	0.6	12	DK gray silty sands	30	S							

Sample Type Codes: PEE = Post Hole, HLA = Hand Auger, RS = Split Spoon, NT = Shelby Tube, DP = Direct Push, SC = Sonic Core, DC = Drill Cuttings
 Moisture Content Codes: D = Dry, M = Moist, W = Wet, S = Saturated

FGS = Finely Grained Sand

Page 1 of 1

[illegible]

Sample Type Codes: PFI = Pine Foliage; OA = Flood Aspen; SB = Spruce Spruce; KY = Shrub Foliage; DP = Dwarf Pine; SC = Snow Cone; DG = Dwarf Cypress
 Moisture Content Codes: D = Dry; M = Moist; W = Wet; S = Saturated
 — = Not Applicable; ND = Not Measured

WELL CONSTRUCTION AND DEVELOPMENT LOG

WELL CONSTRUCTION DATA					
Well Number: <u>MW-16</u>		Site Name: <u>Export Station - St. Augustine</u>		FDEP Facility I.D. Number: <u>55/5515941</u>	
Well Location and Type (check appropriate boxes): ☒ On-Site ☐ Right-of-Way ☐ Off-Site Private Property ☐ Above Grade (AG) ☒ Flush-to-Grade		Well Purpose: ☐ Periodic Monitoring ☒ Shallow (Water-Table) Monitoring ☐ Intermediate or Deep Monitoring ☐ Remediation or Other (describe):		Well Install Method: <u>HSA</u>	
If AG, list feet of riser above land surface:				Surface Casing Install Method: <u>NA</u>	
Borehole Depth: (feet): <u>12</u>	Well Depth: (feet): <u>12</u>	Borehole Diameter: (inches): <u>8</u>	Manhole Diameter: (inches): <u>8</u>	Well Pad Size: <u>2</u> feet by <u>2</u> feet	
Riser/Pipe Material and Material: <u>2-inch diameter Sch 40 PVC</u>		Riser/Screen Connection: ☒ Double-Threaded ☐ Other (describe):		Riser Length: <u>2</u> feet from <u>0</u> feet to <u>2</u> feet	
Screen Diameter and Material: <u>2-inch diameter Schedule 40 PVC</u>		Screen Slot Size: <u>0.010-inch</u>		Screen Length: <u>10</u> feet from <u>2</u> feet to <u>12</u> feet	
1 st Surface Casing Material: also check: ☐ Permanent ☐ Temporary		1 st Surface Casing I.D. (inches): <u>NA</u>		1 st Surface Casing Length: <u>NA</u> feet from <u> </u> feet to <u> </u> feet	
2 nd Surface Casing Material: also check: ☐ Permanent ☐ Temporary		2 nd Surface Casing I.D. (inches): <u>NA</u>		2 nd Surface Casing Length: <u>NA</u> feet from <u> </u> feet to <u> </u> feet	
3 rd Surface Casing Material: also check: ☐ Permanent ☐ Temporary		3 rd Surface Casing I.D. (inches): <u>NA</u>		3 rd Surface Casing Length: <u>NA</u> feet from <u> </u> feet to <u> </u> feet	
Filter Pack Material and Size: <u>20/30 Sand</u>		Prepacked Filter Annulus Section (check one): ☐ Yes ☒ No		Filter Pack Length: <u>10</u> feet from <u>2</u> feet to <u>12</u> feet	
Filter Pack Seal Material and Size: <u>30/60 Fine Sand</u>				Filter Pack Seal Length: <u>1.5</u> feet from <u>0.5</u> feet to <u>2</u> feet	
Surface Seal Material: <u>Grout</u>				Surface Seal Length: <u>0.5</u> feet from <u>0</u> feet to <u>0.5</u> feet	

WELL DEVELOPMENT DATA			
Well Development Date: <u>2-13-20</u>		Well Development Method (check one): ☐ Surge Pump ☒ Pump ☐ Compressed Air ☐ Other (describe):	
Development Pump Type (check one): ☒ Centrifugal ☐ Peristaltic ☐ Submersible ☐ Other (describe):		Depth to Groundwater (before developing in feet): <u>3.70</u>	
Pumping Rate (gallons per minute): <u>~1.0</u>		Maximum Drawdown of Groundwater During Development (feet): <u>purged dry</u>	
Pumping Condition (check one): ☐ Continuous ☒ Intermittent		Well Purged Dry (check one): ☒ Yes ☐ No	
Total Development Water Removed (gallons): <u>~30</u>		Development Duration (minutes): <u>~60</u>	
Development Water Drained (check one): ☐ Yes ☒ No			
Water Appearance (color and odor) At Start of Development: <u>dk brown / no odor</u>		Water Appearance (color and odor) At End of Development: <u>brown / no odor</u>	

WELL CONSTRUCTION OR DEVELOPMENT REMARKS

WELL CONSTRUCTION AND DEVELOPMENT LOG

WELL CONSTRUCTION DATA					
Well Number: <u>MW-17</u>	Site Name: <u>Exxon Station - St. Augustine</u>		FDEP Facility I.D. Number: <u>558515041</u>	Well Install Date(s): <u>2-13-20</u>	
Well Location and Type (check appropriate boxes): ☒ On-Site ☐ Right-of-Way ☐ Off-Site Private Property ☐ Above Ground (AG) ☒ Below-Ground		Well Purpose: ☐ Periodic Monitoring ☒ Shallow (Water Table) Monitoring ☐ Intermediate or Deep Monitoring ☐ Remediation or Other (describe)		Well Install Method: <u>HSA</u>	
If AG, list top of riser above land surface:				Surface Casing Install Method: <u>NA</u>	
Riser Depth: (feet) <u>12</u>	Well Depth: (feet) <u>12</u>	Riser ID Diameter: (inches) <u>8</u>	Manhole Diameter: (inches) <u>8</u>	Well Pad Size: <u>2</u> feet by <u>2</u> feet	
Riser Diameter and Material: <u>2-inch diameter Schedule 40 PVC</u>		Riser/Screen Construction: ☒ Flare Threaded ☐ Other (describe)	Riser Length: <u>2</u> feet from <u>0</u> feet to <u>2</u> feet		
Screen Diameter and Material: <u>2-inch diameter Schedule 40 PVC</u>		Screen Slot Size: <u>0.010-inch</u>	Screen Length: <u>10</u> feet from <u>2</u> feet to <u>12</u> feet		
1 st Surface Casing Material: also check: ☐ Permanent ☐ Temporary		1 st Surface Casing I.D. (inches): <u>NA</u>	1 st Surface Casing Length: <u>NA</u> feet from <u> </u> feet to <u> </u> feet		
2 nd Surface Casing Material: also check: ☐ Permanent ☐ Temporary		2 nd Surface Casing I.D. (inches): <u>NA</u>	2 nd Surface Casing Length: <u>NA</u> feet from <u> </u> feet to <u> </u> feet		
3 rd Surface Casing Material: also check: ☐ Permanent ☐ Temporary		3 rd Surface Casing I.D. (inches): <u>NA</u>	3 rd Surface Casing Length: <u>NA</u> feet from <u> </u> feet to <u> </u> feet		
Filter Pack Material and Size: <u>20/30 Sand</u>		Prepacked Filter Around Screen (check one): ☐ Yes ☒ No	Filter Pack Length: <u>10</u> feet from <u>2</u> feet to <u>12</u> feet		
Filter Pack Seal Material and Size: <u>30/60 Fine Sand</u>			Filter Pack Seal Length: <u>1.5</u> feet from <u>0.5</u> feet to <u>2</u> feet		
Surface Seal Material: <u>Graut</u>			Surface Seal Length: <u>0.5</u> feet from <u>0</u> feet to <u>0.5</u> feet		

WELL DEVELOPMENT DATA			
Well Development Date: <u>2-13-20</u>	Well Development Method (check one): ☐ Surge Pump ☒ Pump ☐ Compressed Air ☐ Other (describe)		
Development Pump Type (check): ☐ Submersible ☐ Other (describe)	☒ Groundhog ☐ Peristaltic	Depth to Groundwater (before developing in feet): <u>381</u>	
Pumping Rate (gallons per minute): <u>~1.0</u>	Maximum Drawdown of Groundwater During Development (feet): <u>Partial Dry</u>	Well Purged Dry (check one): ☒ Yes ☐ No	
Pumping Condition (check one): ☐ Continuous ☒ Intermittent	Total Development Water Removed (gallons): <u>25</u>	Development Duration (minutes): <u>40</u>	Development Water Drained (check one): ☐ Yes ☒ No
Water Appearance (color and odor) At Start of Development: <u>Dr Brown / No odor</u>		Water Appearance (color and odor) At End of Development: <u>Brown / No odor</u>	

WELL CONSTRUCTION OR DEVELOPMENT REMARKS

WELL CONSTRUCTION AND DEVELOPMENT DATA

WELL CONSTRUCTION DATA					
Well Number: <u>17W-18</u>	Site Name: <u>Exxon Station - St. Augustine</u>		FDEP Facility ID Number: <u>55/5515941</u>	Well Install Date(s): <u>2/13/20</u>	
Well Location and Type (check appropriate boxes): ☒ On-Site ☐ Right-of-Way ☐ Off-Site Private Property ☐ Above Grade (AG) ☒ Flush-to-Grade		Well Purpose: ☐ Periodic Monitoring ☒ Shallow (Water Table) Monitoring ☐ Intermediate or Deep Monitoring ☐ Remediation or Other (describe):		Well Install Method: <u>HSA</u>	
Surface Casing Install Method:					
Borehole Depth (feet): <u>12</u>	Well Depth (feet): <u>12</u>	Borehole Diameter (inches): <u>8</u>	Manhole Diameter (inches): <u>8</u>	Well Pad Size: <u>2</u> feet by <u>2</u> feet	
Riser Diameter and Material: <u>2-inch diameter Sch 40 PVC</u>		Riser Screen: ☒ Flush Threaded ☐ Other (describe):	Riser Length: <u>2</u> feet from <u>0</u> feet to <u>2</u> feet		
Screen Diameter and Material: <u>2-inch diameter Schedule 40 PVC</u>		Screen Slot Size: <u>0.010-inch</u>	Screen Length: <u>10</u> feet from <u>2</u> feet to <u>12</u> feet		
1 st Surface Casing Material: also check: ☐ Permanent ☐ Temporary		1 st Surface Casing I.D. (inches): <u>NA</u>	1 st Surface Casing Length: <u>NA</u> feet from <u> </u> feet to <u> </u> feet		
2 nd Surface Casing Material: also check: ☐ Permanent ☐ Temporary		2 nd Surface Casing I.D. (inches): <u>NA</u>	2 nd Surface Casing Length: <u>NA</u> feet from <u> </u> feet to <u> </u> feet		
3 rd Surface Casing Material: also check: ☐ Permanent ☐ Temporary		3 rd Surface Casing I.D. (inches): <u>NA</u>	3 rd Surface Casing Length: <u>NA</u> feet from <u> </u> feet to <u> </u> feet		
Filter Pack Material and Size: <u>20/30 Sand</u>		Prepacked Filter Around Screen (check one): ☐ Yes ☒ No		Filter Pack Length: <u>10</u> feet from <u>2</u> feet to <u>12</u> feet	
Filter Pack Seal Material and Size:		<u>30/65 Fine Sand</u>		Filter Pack Seal Length: <u>1.5</u> feet from <u>0.5</u> feet to <u>2</u> feet	
Surface Seal Material:		<u>Grout</u>		Surface Seal Length: <u>0.5</u> feet from <u>0</u> feet to <u>0.5</u> feet	

WELL DEVELOPMENT DATA			
Well Development Date: <u>2/13/20</u>	Well Development Method (check one): ☒ Surge Pump ☐ Pump ☐ Compressed Air ☐ Other (describe):		
Development Pump Type (check): ☒ Submersible ☐ Other (describe)	☐ Centrifugal ☐ Peristaltic	Depth to Groundwater (before developing in feet): <u>4.25</u>	
Pumping Rate (gallons per minute): <u>~1 gpm</u>	Maximum Draw-down of Groundwater During Development (feet): <u>Surge Well Draw</u>	Well Purged Dry (check one): ☒ Yes ☐ No	
Pumping Condition (check one): ☐ Continuous ☒ Intermittent	Total Development Water Removed (gallons): <u>~815</u>	Development Duration (minutes): <u>~120</u>	Development Water Drained (check one): ☐ Yes ☒ No
Water Appearance (color and odor) At Start of Development: <u>dk brown / NA odor</u>		Water Appearance (color and odor) At End of Development: <u>dk brown / NA odor</u>	

WELL CONSTRUCTION OR DEVELOPMENT REMARKS

WELL CONSTRUCTION AND DEVELOPMENT LOG

WELL CONSTRUCTION DATA					
Well Number: <u>MW-19</u>		Site Name: Exxon Station - St. Augustine		FDEP Facility I.D. Number: 55/6515041	Well Install Date(s): <u>2/13/20</u>
Well Location and Type (check appropriate boxes): ☒ On-Site ☐ Right-of-Way ☐ Off-site Private Property ☐ Above Grade (AG) ☒ Flush-to-Grade		Well Purpose: ☐ Perched Monitoring ☒ Shallow (Water Table / Monitoring) ☐ Intermediate or Deep Monitoring ☐ Remediation or Other (describe):		Well Install Method: <u>HSA</u>	
If AG, list location of well above land surface:				Surface Casing Install Method: NA	
Borehole Depth (feet): <u>12</u>	Well Depth (feet): <u>12</u>	Borehole Diameter (inches): <u>8</u>	Manhole Diameter (inches): <u>8</u>	Well Pad Size: <u>2</u> feet by <u>2</u> feet	
Borehole Diameter and Material: <u>2-inch diameter Sch 40 PVC</u>		Borehole Screen: ☒ Flush-Threaded ☐ Other (describe):		Borehole Length: <u>2</u> feet from <u>0</u> feet to <u>2</u> feet	
Borehole Threaded Material: <u>2-inch diameter Schedule 40 PVC</u>		Borehole Thread Size: <u>0.010-inch</u>		Borehole Diameter: <u>8</u> feet from <u>2</u> feet to <u>12</u> feet	
1 st Surface Casing Material: also check: ☐ Permanent ☐ Temporary		1 st Surface Casing I.D. (inches): NA		1 st Surface Casing Length: NA feet from <u>0</u> feet to <u>0</u> feet	
2 nd Surface Casing Material: also check: ☐ Permanent ☐ Temporary		2 nd Surface Casing I.D. (inches): NA		2 nd Surface Casing Length: NA feet from <u>0</u> feet to <u>0</u> feet	
3 rd Surface Casing Material: also check: ☐ Permanent ☐ Temporary		3 rd Surface Casing I.D. (inches): NA		3 rd Surface Casing Length: NA feet from <u>0</u> feet to <u>0</u> feet	
Filter Pack Material and Size: <u>20/30 Sand</u>		Prepacked Filter Arched Screen (check one): ☐ Yes ☒ No		Filter Pack Length: <u>10</u> feet from <u>2</u> feet to <u>12</u> feet	
Filter Pack Seal Material and Size: <u>30/60 Fine Sand</u>				Filter Pack Seal Length: <u>15</u> feet from <u>0.5</u> feet to <u>2</u> feet	
Surface Seal Material: <u>Grout</u>				Surface Seal Length: <u>0.5</u> feet from <u>0</u> feet to <u>0.5</u> feet	

WELL DEVELOPMENT DATA			
Well Development Date: <u>2/13/20</u>		Well Development Method (check one): ☐ Surge Pump ☒ Pump ☐ Compressed Air ☐ Other (describe):	
Development Pump Type (check): ☐ Submersible ☐ Other (describe):		☒ Centrifugal ☐ Peristaltic	
Development Pump Type (check): ☐ Submersible ☐ Other (describe):		Depth to Groundwater (before developing in feet): <u>4.5</u>	
Pumping Rate (gallons per minute): <u>~1.4 gpm</u>		Maximum Drawdown of Groundwater During Development (feet): <u>Range 1.5 to 2.0</u>	
Pumping Condition (check one): ☐ Continuous ☒ Intermittent		Well Purged Dry (check one): ☒ No ☐ Yes	
Total Development Water Removed (gallons): <u>~15</u>		Development Duration (minutes): <u>~65</u>	
Development Water Unmixed (check one): ☐ Yes ☒ No			
Water Appearance (color and odor) At Start of Development: <u>Ok brown / no odor</u>		Water Appearance (color and odor) At End of Development: <u>Ok brown / no odor</u>	

WELL CONSTRUCTION OR DEVELOPMENT REMARKS

WELL CONSTRUCTION AND DEFENDANT USE

WELL CONSTRUCTION DATA					
Well Name:		Well Number:		Well Install Date:	
MW-20		Exxon Station		55/B515941	
Well Location and Type (check appropriate box):		Well Purpose:		Well Install Method:	
☒ On-Site ☐ Right-of-Way ☐ Off-Site Private Property ☐ Above Ground (AG) ☒ Flood-in-Grate		☐ Perched Monitoring ☒ Shallow (Water Table) Monitoring ☐ Intermediate or Deep Monitoring ☐ Remediation or Other (describe):		HSA Surface Camp Install Method	
Drill Bit Size (inches):		Drill Bit Size (inches):		Drill Bit Size (inches):	
8		8		8	
Borehole Depth (feet):		Well Depth (feet):		Borehole Diameter (inches):	
12		12		8	
Well Pad Size:		Well Pad Size:		Well Pad Size:	
Round 8' feet		Round 8' feet		Round 8' feet	
Screen Diameter and Material:		Screen Diameter and Material:		Screen Diameter and Material:	
2-inch schedule 40 pvc		2-inch schedule 40 pvc		2-inch schedule 40 pvc	
Screen Length:		Screen Length:		Screen Length:	
2 feet		2 feet		2 feet	
Filter Pack Material and Size:		Filter Pack Material and Size:		Filter Pack Material and Size:	
Sand 20-30		Sand 20-30		Sand 20-30	
Filter Pack Seal Material and Size:		Filter Pack Seal Material and Size:		Filter Pack Seal Material and Size:	
30/65 silica sand		30/65 silica sand		30/65 silica sand	
Surface Seal Material:		Surface Seal Material:		Surface Seal Material:	
0.5 feet		0.5 feet		0.5 feet	

WELL DEVELOPMENT DATA			
Well Development Date 02/08/21	Well Development Method (check one) ☒ Surge Pump ☐ Air Lift ☐ Other (describe)	Completion Log	
Development From Screen to Bit 10.0	Development From Screen to Bit 10.0	Development From Screen to Bit 10.0	Development From Screen to Bit 10.0
Minimum Production of Development Flow 10.0	Minimum Production of Development Flow 10.0	Minimum Production of Development Flow 10.0	Minimum Production of Development Flow 10.0
Development Duration 10.0	Development Duration 10.0	Development Duration 10.0	Development Duration 10.0
Development Water Disposal 10.0	Development Water Disposal 10.0	Development Water Disposal 10.0	Development Water Disposal 10.0
Water Appearance (color and odor) At Start of Development DK BROWN / CLEAR NONE	Water Appearance (color and odor) At Start of Development DK BROWN / CLEAR NONE	Water Appearance (color and odor) At End of Development DK BROWN / CLEAR NONE	Water Appearance (color and odor) At End of Development DK BROWN / CLEAR NONE

EXHIBIT B



Groundwater & Environmental Services, Inc.
3985 Gateway Centre Boulevard, Suite 170
Pinellas Park, FL 33782
T. 866.232.0472

March 30, 2023

John D. Phillips, P.G.
Professional Geologist
City of Jacksonville, Environmental Quality Division
214 N. Hogan St., 5th Floor
Jacksonville, FL 32202

Subject: Task 2 Interim Site Assessment Report
Exxon Station
2450 I-95 & Highway 16
Saint Augustine, St. Johns County, Florida
FDEP No. 55/8515941
Purchase Order #C0DACD
Discharge Date: 9/18/85 EDI
Priority Score: 10

Dear Mr. Phillips:

Groundwater & Environmental Services, Inc. (GES) respectfully submits this **Task 2 – Interim Site Assessment Report** for the Exxon Station located at 2450 I-95 & Highway 16, Saint Augustine, St. Johns County, Florida. A site map depicting pertinent site features is provided as **Figure 1**. The activities discussed below were conducted in accordance with the Purchase Order (PO) No. C0DACD, as well as the Task 1 Deliverable Review Letter dated January 6, 2023. The PO, associated Scope of Work, Change Order (CO) #1, and Deliverable Review letter are included in **Appendix A**.

1 Recent Assessment Activities

1.1 Groundwater Sampling

On February 17, 2023, GES personnel collected groundwater samples from monitoring wells MW-4R, MW-9R, MW-12, MW-13, MW-14, and MW-16.

Please note, monitoring well MW-10 could not be sampled due to the presence of a fire ant nest in the manhole. Recovery well RW-1 could not be located. As per our discussion we were approved to sample monitoring well MW-12 for the recovery well RW-1 constituents. Due to a miscommunication the additional groundwater analysis for polycyclic aromatic hydrocarbons (PAHs) was not performed for monitoring well MW-12.

Prior to the initiation of groundwater sampling, the depth-to-water measurements were gauged from the sampled wells. Groundwater samples were collected in accordance with FS 2200, and submitted to Pace Analytical (Pace) of Ormond Beach, Florida for laboratory analyses of benzene, toluene, ethylbenzene, total xylenes and methyl tert-butyl ether (BTEX/MTBE) via EPA Method 8260. Copies of the equipment calibration logs, the groundwater sampling logs, and field notes from the groundwater sampling event are provided in **Appendix B**.



2 Results

The depth to water in the onsite monitoring wells on February 17, 2023, ranged from 2.62 feet below top of casing (bTOC) at monitoring well MW-4R to 3.42 feet bTOC at monitoring well MW-9R. Based on the calculated elevations, the inferred groundwater flow direction for the January 7, 2022 was towards the east to southeast. A Groundwater Elevation Summary table is included as **Table 1**, and the elevations are depicted on **Figure 2**.

Results of the laboratory analyses from the February 17, 2023 groundwater sampling events indicated one or more petroleum constituents of concern at concentrations above the applicable Table I Chapter 62-777, FAC Groundwater Cleanup Target Level (GCTL), in the groundwater samples collected from monitoring wells MW-14 and MW-16. No additional petroleum constituents of concern were reported above the respective GCTLs. The following is a summary of the petroleum constituents detected in the above mentioned groundwater samples.

- Petroleum constituents detected at concentrations above Chapter 62-777 FAC GCTLs:
 - **MW-14:** Benzene (99.3 µg/L), total Xylenes (52.1 µg/L), and MTBE (57.7 µg/L)
 - **MW-16:** Benzene (7.8 µg/L)

Groundwater analytical data are summarized in **Tables 2A** and **3**, and depicted graphically on **Figure 3**. **Table 2B** summarizes historical PAH analytical data. Laboratory analytical reports for groundwater samples collected on February 17, 2023, are included in **Appendix C**.

3 Recommendations

Based on recent groundwater assessment data, dissolved petroleum impacts exceeding FDEP GCTLs remain onsite at monitoring wells MW-14 and MW-16. Based on the recent groundwater analytical data, concentrations of BTEX/MTBE constituents are reported below FDEP GCTLs at monitoring wells MW-4R, MW-12R, MW-13.

GES recommends sampling monitoring wells MW-4R, MW-10, MW-12R, MW-13, MW-14 and MW-16 for BTEX/MTBE under a new PO.

If you have any questions regarding this report or require additional information, please contact GES at (866) 232-0472.

Sincerely,

Groundwater & Environmental Services, Inc.

A handwritten signature in blue ink that reads "Maximillian Colon".

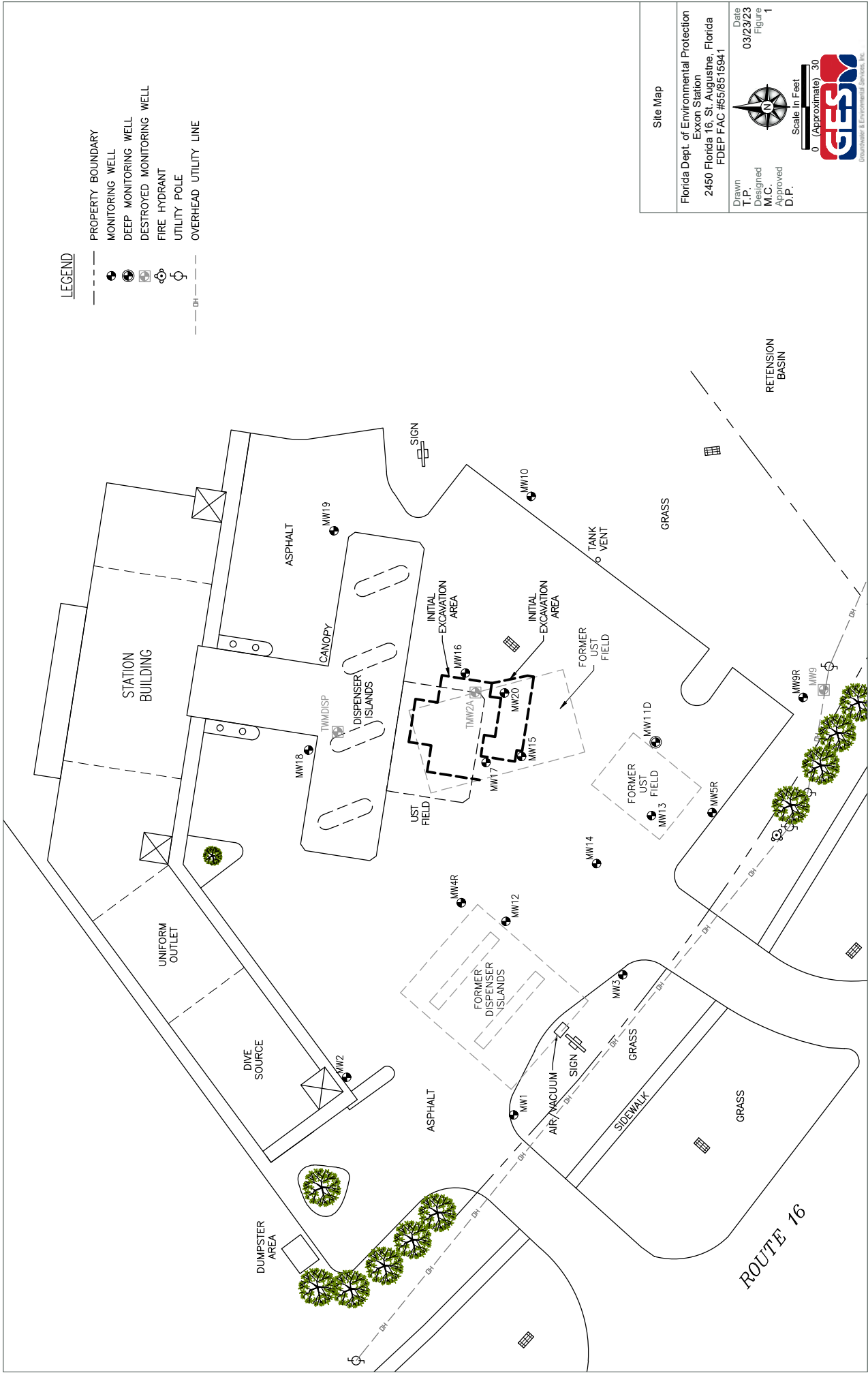
Maximillian Colon
Associate Engineer

A handwritten signature in blue ink that reads "Daniel Press".

Daniel Press, P.G.
Project Manager



Figures





Tables

TABLE 1: GROUNDWATER ELEVATION SUMMARY

Facility Name: Exxon Station

Facility Location: 2450 Highway 16, St. Augustine, Florida 32902

Facility ID No.: 55/8515941

See notes at end of table.

Well No.	MW-1			MW-2			MW-3			MW-4R			MW-5R			MW-9		
Diameter (Inches)	4			4			4			2			2			4		
Well Depth (Feet)	12			11			11			12			12			13		
Screen Interval (Feet)	2 - 12			1 - 11			1 - 11			2 - 12			2 - 12			1 - 13		
TOC Elevation (Feet)	43.69			44.00			43.34			43.39			43.45			42.13		
DATE	ELEV	DTW	FP	ELEV	DTW	FP	ELEV	DTW	FP	ELEV	DTW	FP	ELEV	DTW	FP	ELEV	DTW	FP
05/27/20	40.71	2.98	0.00	40.54	3.46	0.00	40.62	2.72	0.00	40.06	3.33	0.00	--	NM	NM	38.68	3.45	0.00
05/29/20	41.08	2.61	0.00	40.73	3.27	0.00	41.00	2.34	0.00	40.22	3.17	0.00	--	NM	NM	39.63	2.50	0.00
06/01/20	41.23	2.46	0.00	41.03	2.97	0.00	40.88	2.46	0.00	40.38	3.01	0.00	40.15	3.30	0.00	39.76	2.37	0.00
08/05/20	41.08	2.61	0.00	41.16	2.84	0.00	40.53	2.81	0.00	40.66	2.73	0.00	--	NM	NM	39.88	2.25	0.00
11/03/20	41.36	2.33	0.00	41.65	2.35	0.00	40.97	2.37	0.00	41.01	2.38	0.00	40.66	2.79	0.00	40.23	1.90	0.00
02/10/21	--	NM	NM	--	NM	NM	--	NM	NM	40.58	2.81	0.00	40.51	2.94	0.00	Abandoned		
02/24/21	41.73	1.96	0.00	41.98	2.02	0.00	41.33	2.01	0.00	41.36	2.03	0.00	41.06	2.39	0.00			
06/23/21	41.68	2.01	0.00	41.60	2.40	0.00	40.99	2.35	0.00	40.73	2.66	0.00	40.77	2.68	0.00			
10/26/21	40.45	3.24	0.00	40.67	3.33	0.00	40.03	3.31	0.00	NM	NM	NM	39.85	3.60	0.00			
10/27/21	NM	NM	NM	NM	NM	NM	NM	NM	NM	40.08	3.31	0.00	39.80	3.65	0.00			
06/20/22	39.85	3.84	0.00	40.00	4.00	0.00	39.63	3.71	0.00	39.63	3.76	0.00	39.25	4.20	0.00			
02/17/23	NM	NM	NM	NM	NM	NM	NM	NM	NM	40.77	2.62	0.00	NM	NM	NM			

TABLE 1: GROUNDWATER ELEVATION SUMMARY

Facility Name: Exxon Station

Facility Location: 2450 Highway 16, St. Augustine, Florida 32902

Facility ID No.: 55/8515941

See notes at end of table.

Well No.	MW-9R			MW-10			MW-11D			MW-12			MW-13			MW-14		
Diameter (Inches)			2			4			2			2			2			2
Well Depth (Feet)			13			12			39			12			12			12
Screen Interval (Feet)			1-13			1 - 12			34 - 39			2 - 12			2 - 12			2 - 12
TOC Elevation (Feet)			43.72			41.24			42.92			43.33			43.41			43.39
DATE	ELEV	DTW	FP	ELEV	DTW	FP	ELEV	DTW	FP	ELEV	DTW	FP	ELEV	DTW	FP	ELEV	DTW	FP
12/17/19		NI				NM	--	NM	NM	--	NM	NM	--	NM	NM	40.42	2.97	0.00
02/17/20		NI				NM	--	NM	NM	--	NM	NM	--	NM	NM	--	NM	NM
05/27/20		NI				38.14	3.10	0.00	NM	39.97	3.36	0.00	39.87	3.54	0.00	40.07	3.32	0.00
05/29/20		NI				38.23	3.01	0.00	NM	40.11	3.22	0.00	40.02	3.39	0.00	40.08	3.31	0.00
06/01/20		NI				37.48	3.76	0.00	NM	40.37	2.96	0.00	40.25	3.16	0.00	40.28	3.11	0.00
08/05/20		NI				38.05	3.19	0.00	NM	40.60	2.73	0.00	40.44	2.97	0.00	40.52	2.87	0.00
11/03/20		NI				37.90	3.34	0.00	NM	40.96	2.37	0.00	40.77	2.64	0.00	40.82	2.57	0.00
02/10/21		NI				--	NM	NM	NM	40.54	2.79	0.00	40.56	2.85	0.00	40.50	2.89	0.00
02/24/21		NI				37.94	3.30	0.00	38.05	4.87	0.00	0.00	41.28	2.13	0.00	41.26	2.13	0.00
06/23/21		NI				38.75	2.49	0.00	NM	41.01	2.32	0.00	40.69	2.72	0.00	40.64	2.75	0.00
10/26/21	Installation Date					36.56	4.68	0.00	37.23	5.69	0.00	0.00	39.99	3.42	0.00	40.03	3.36	0.00
10/27/21	39.83	3.89	0.00			NM	NM	NM	NM	40.11	3.22	0.00	39.92	3.49	0.00	39.96	3.43	0.00
06/20/22	NM	NM	NM			35.84	5.40	0.00	NM	39.62	3.71	0.00	39.37	4.04	0.00	39.45	3.94	0.00
02/17/23	40.30	3.42	0.00			Could not Sample			NM	NM	NM	NM	40.48	2.93	0.00	40.59	2.80	0.00

TABLE 1: GROUNDWATER ELEVATION SUMMARY

Facility Name: Exxon Station

Facility Location: 2450 Highway 16, St. Augustine, Florida 32902

Facility ID No.: 55/8515941

See notes at end of table.

Well No.	MW-15			MW-16			MW-17			MW-18			MW-19			MW-20		
Diameter (Inches)	2			2			2			2			2			2		
Well Depth (Feet)	12			12			12			12			12			12		
Screen Interval (Feet)	2 - 12			2 - 12			2 - 12			2 - 12			2 - 12			2 - 12		
TOC Elevation (Feet)	43.11			42.97			42.94			44.06			44.01			42.89		
DATE	ELEV	DTW	FP	ELEV	DTW	FP	ELEV	DTW	FP	ELEV	DTW	FP	ELEV	DTW	FP	ELEV	DTW	FP
12/17/19	39.71	3.40	0.00		--									--				
02/17/20	39.64	3.47	0.00	39.63	3.34	0.00	39.63	3.31	0.00	40.54	3.52	0.00	40.03	3.98	0.00			
05/27/20	39.25	3.86	0.00	--	NM	NM	--	NM	NM	40.29	3.77	0.00	40.22	3.79	0.00			
05/29/20	--	NM	NM	--	NM	NM	--	NM	NM	40.43	3.63	0.00	40.53	3.48	0.00			
06/01/20	39.68	3.43	0.00	39.70	3.27	0.00	39.80	3.14	0.00	40.63	3.43	0.00	40.83	3.18	0.00			
08/05/20	--	NM	NM	40.07	2.90	0.00	40.17	2.77	0.00	41.45	2.61	0.00	41.27	2.74	0.00			
11/03/20	40.44	2.67	0.00	40.51	2.46	0.00	40.46	2.48	0.00	41.42	2.64	0.00	41.21	2.80	0.00			
02/10/21	40.04	3.07	0.00	40.03	2.94	0.00	40.01	2.93	0.00	--	NM	NM	--	NM	NM	39.98	2.91	0.00
02/24/21	40.79	2.32	0.00	40.78	2.19	0.00	40.73	2.21	0.00	41.74	2.32	0.00	41.70	2.31	0.00	40.68	2.21	0.00
06/23/21	40.22	2.89	0.00	40.26	2.71	0.00	40.24	2.70	0.00	41.10	2.96	0.00	41.72	2.29	0.00	40.18	2.71	0.00
10/26/21	39.57	3.54	0.00	39.57	3.40	0.00	39.54	3.40	0.00	40.54	3.52	0.00	40.19	3.82	0.00	39.52	3.37	0.00
10/27/21	39.53	3.58	0.00	39.50	3.47	0.00	39.48	3.46	0.00	NM	NM	NM	NM	NM	NM	39.47	3.42	0.00
06/20/22	38.66	4.45	0.00	38.63	4.34	0.00	38.62	4.32	0.00	39.80	4.26	0.00	39.51	4.50	0.00	38.61	4.28	0.00
02/17/23	NM	NM	NM	39.98	2.99	0.00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM

Notes:

TOC = Top of Casing

ELEV = Groundwater Elevation in feet below top of casing (BTOC)

DTW = Depth to Groundwater in feet BTOC

FP = Free Product Thickness in feet

NM = Not Measured

NI = Monitoring well was not installed at the time of measurement.

TABLE 2A: GROUNDWATER ANALYTICAL SUMMARY - VOCs, EDC, EDB, Lead & TRPH

Facility Name: Exxon Station
 Facility Location: 2450 Highway 16, St. Augustine, Florida 32902
 Facility ID No.: 55/8515941

See notes at end of table.

Sample		Benzene	Toluene	Ethyl- benzene	Total Xylenes	MTBE	Bromo- dichloro- methane	Dibromo- chloro- methane	All other VOCs	1,2-Dibromo- ethane (EDB)	1,2-Dichloro- ethane (EDC)	Lead	TRPH
Well ID.	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)
GCTL		1	40	30	20	20	0.6	0.4	--	0.02	3	15	5,000
NADC		100	400	300	200	200	60	40	--	2	300	150	50,000
TW-1	08/25/17												900
TMW-DISP	06/14/18	28	190	38	190	0.82 I		0.85 I	*	0.020 U	0.60 U	3.2 U	4,600
TMW-2A	04/08/19	210	89	20	120	94							
MW-1	12/27/12	0.200 U	0.170 U	0.190 U	0.180 U	0.120 U							190 V
MW-2	12/27/12	0.200 U	0.170 U	0.190 U	0.180 U	0.120 U							167 V I
MW-3	11/08/07	0.500 U	0.500 U	0.520 U	1.68 U	0.590 U							0.107 U
	12/27/12	0.200 U	0.170 U	0.190 U	5.99	0.562 I							221 V
MW-4R	11/08/07	27.9	0.951 I	4.57	32.1	20.7							185 I
	12/27/12	21.0	0.170 U	0.190 U	2.49 I	5.41							187 V I
	02/10/21	0.47 I	0.33 U	0.49 I	2.1 U	4.4 U							
	10/27/21	3.2	0.60 I	3.8	69.5	4.4 U							
	02/17/23	0.30 U	0.33 U	0.30 U	2.1 U	1.2 U							
MW-5R	11/08/07	15.6	0.551 I	0.520 U	23.0	13.7							328
	12/27/12	0.524 I	0.170 U	0.593 I	1.41 I	1.66							465 V
	02/10/21	0.30 U	0.33 U	0.30 U	2.1 U	4.4 U							
	10/27/21	0.30 U	0.33 U	0.30 U	2.1 U	4.4 U							
MW-9	12/27/12	0.200 U	0.170 U	0.190 U	0.180 U	5.28							334 V
	11/03/20	0.30 U	0.33 U	0.30 U	2.1 U	4.4 U							
MW-9R	11/09/21	0.30 U	0.33 U	0.30 U	2.1 U	8.5							
	02/17/23	0.30 U	0.33 U	0.30 U	2.1 U	6.4							

TABLE 2A: GROUNDWATER ANALYTICAL SUMMARY - VOCs, EDC, EDB, Lead & TRPH

Facility Name: Exxon Station
 Facility Location: 2450 Highway 16, St. Augustine, Florida 32902
 Facility ID No.: 55/8515941

See notes at end of table.

Sample		Benzene	Toluene	Ethyl- benzene	Total Xylenes	MTBE	Bromo- dichloro- methane	Dibromo- chloro- methane	All other VOCs	1,2-Dibromo- ethane (EDB)	1,2-Dichloro- ethane (EDC)	Lead	TRPH
Well ID.	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)
GC	CTL	1	40	30	20	20	0.6	0.4	--	0.02	3	15	5,000
NADC		100	400	300	200	200	60	40	--	2	300	150	50,000
MW-10	12/27/12	0.200 U	0.170 U	0.190 U	0.180 U	0.120 U							273 V
	12/27/12	0.200 U	0.170 U	0.190 U	0.180 U	1.42							357 V
MW-11D	11/08/07	5.40	0.500 U	0.520 U	4.07	6.47							
	12/27/12	10.2	0.170 U	0.305 I	0.875 I	17.6							107 U
MW-12	02/10/21	3.8	0.33 U	0.44 I	2.7 I	4.4 U							378 V
	10/27/21	7.1	0.33 U	0.40 I	9.0	4.4 U							
	02/17/23	0.30 U	0.33 U	0.30 U	2.1 U	3.9 I							
	11/08/07	213 L	2.93	29.6	138	187							982
MW-13	12/27/12	240	4.16	16.5	90.4	73.7							625 V
	02/10/21	58.4	1.4	3.9	28.6	29.2							
	10/27/21	94.3	3.1	4.0	80.0	27.9							
	02/17/23	0.30 U	0.33 U	0.30 U	2.1 U	1.2 U							
MW-14	11/08/07	245 L	6.44	38.7	256	143							664
	12/27/12	373	12.3	165.0	372	30.6							1,690 V
	12/17/19	39.3	0.86 I	8.5	31.6	1.9 I							
	02/10/21	25.3	0.43 I	5.2	23.2	4.4 U							
	10/27/21	34.4	0.46 I	4.0	26.5	4.4 U							
	02/17/23	99.3	2.8	1.9	52.1	57.7							

TABLE 2A: GROUNDWATER ANALYTICAL SUMMARY - VOCs, EDC, EDB, Lead & TRPH

Facility Name: Exxon Station
 Facility Location: 2450 Highway 16, St. Augustine, Florida 32902
 Facility ID No.: 55/8515941

See notes at end of table.

Sample		Benzene	Toluene	Ethyl- benzene	Total Xylenes	MTBE	Bromo- dichloro- methane	Dibromo- chloro- methane	All other VOCs	1,2-Dibromo- ethane (EDB)	1,2-Dichloro- ethane (EDC)	Lead	TRPH
Well ID.	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)
GCTL		1	40	30	20	20	0.6	0.4	--	0.02²⁴	3²⁴	15²⁴	5,000
NADC		100	400	300	200	200	60	40	--	2	300	150	50,000
MW-15	11/08/07	1.20	0.734 I	0.520 U	0.168 U	2.84							221
	12/27/12	1.46	0.170 U	0.190 U	0.180 U	21.6							385 V
	12/17/19	81.5	0.33 U	1.6	2.1 U	0.51 U							
	11/03/20	7.3	0.33 U	0.40 I	2.1 U	4.4 U							
	02/10/21	1.8	0.33 U	0.30 U	2.1 U	4.4 U							
	06/23/21	0.30 U	0.33 U	0.30 U	2.1 U	4.4 U							
	10/27/21	0.30 U	0.33 U	0.30 U	2.1 U	4.4 U							
MW-16	02/17/20	3.8	0.33 U	0.30 U	2.1 U	0.51 U				0.0076 U	0.27 U	4.6 U	740 U
	11/03/20	1.4	0.33 U	0.30 U	2.1 U	4.4 U							
	02/10/21	0.95 I	0.33 U	0.30 U	2.1 U	4.4 U							
	06/23/21	45.9	0.62 I	0.37 I	2.1 U	4.4 U							
	07/20/21	35.8	0.33 U	0.30 I	2.1 U	4.4 U							
	10/27/21	18.7	1.7	0.46 I	2.1 U	4.7 I							
	01/27/22	6.3	0.71 U	0.30 U	2.1 U	6.4							
	06/20/22	35.0	5.8	0.38 I	0.99 I	4.8							
	02/17/23	7.8	0.33 U	1.8 U	4.3 I	10.5							
MW-17	02/17/20	5.4	0.33 U	2.2	2.1 U	0.62 I				0.0078 U	0.27 U	4.6 U	730 U
	11/03/20	0.30 U	0.33 U	0.30 U	2.1 U	19.9							
	02/10/21	31.3	0.49 I	0.30 U	2.1 U	4.8 I							
	02/24/21	18.2	0.30 U	0.36 U	0.72 U	3.7							
	06/23/21	0.30 U	0.33 U	0.30 U	2.1 U	4.4 U							
	10/27/21	0.30 U	0.33 U	0.30 U	2.1 U	4.4 U							

TABLE 2A: GROUNDWATER ANALYTICAL SUMMARY - VOCs, EDC, EDB, Lead & TRPH

Facility Name: Exxon Station
 Facility Location: 2450 Highway 16, St. Augustine, Florida 32902
 Facility ID No.: 55/8515941

See notes at end of table.

Sample		Benzene	Toluene	Ethyl- benzene	Total Xylenes	MTBE	Bromo- dichloro- methane	Dibromo- chloro- methane	All other VOCs	1,2-Dibromo- ethane (EDB)	1,2-Dichloro- ethane (EDC)	Lead	TRPH
Well ID.	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)
GCTL		1	40	30	20	20	0.6	0.4	--	0.02**	3**	15**	5,000
NADC		100	400	300	200	200	60	40	--	2	300	150	50,000
MW-18	02/17/20	0.10 U	0.50 U	0.50 U	1.0 U	0.50 U	---	---	---	---	---	---	740 U
MW-19	02/17/20	0.10 U	0.50 U	0.50 U	1.0 U	1.1 U	---	---	---	---	---	---	730 U
MW-20	02/10/21	0.30 U	0.33 U	0.30 U	2.1 U	9.2	---	---	---	---	---	---	---
	06/23/21	0.30 U	0.33 U	0.30 U	2.1 U	6.3	---	---	---	---	---	---	---
	10/27/21	0.30 U	0.33 U	0.30 U	2.1 U	4.4 U	---	---	---	---	---	---	---

Notes:

TW-1 sample collected by The NDN Companies
 2007 and 2012 samples collected by Groundwater & Environmental Services (GES)
 MTBE = Methyl tertiary butyl Ether
 VOCs = Volatile Organic Compounds
 TRPH = Total Recoverable Petroleum Hydrocarbons
 µg/L = micrograms per liter
 GCTL = Groundwater Cleanup Target Level specified in Table I of Chapter 62-777, Florida Administrative Code (FAC)
 NADC = Natural Attenuation Default Concentration specified in Table V of Chapter 62-777, FAC
 ** = As provided in Chapter 62-550, F.A.C.
 * = All other Volatile Organic Compounds (VOCs) were below detection limits (see laboratory report for remaining compounds)
 U = Test parameter not detected above the Laboratory Method Detection Limit (LMDL)
 I = Estimated concentration between LMDL and Practical Quantitation Limit (PQL)
 V = Indicates the analyte was detected in both the sample and the associated method blank.
 L = Not defined in GES's March 22, 2013 LSSI Report or the associated laboratory report. Typically indicates calibration range was exceeded.
 --- = Sample not analyzed for stated test parameter
BOLD = concentration exceeds GCTL
BOLD = concentration exceeds NADC

TABLE 2B: GROUNDWATER ANALYTICAL SUMMARY - PAHS

Facility Name: Exxon Station
Facility Location: 2450 Highway 16, St. Augustine, Florida 32902
Facility ID No.: 55/8515941

Sample		Acenaph- thene	Acenaph- thylene	Anthra- cene	Benzo (a) anthra- cene	Benzo (a) pyrene	Benzo (b) fluoran- thene	Benzo (g,h,i) perylene	Benzo (k) fluoran- thene	Chrysene	Dibenz (a,h) anthra- cene	Fluoran- thene	Fluorene	Indeno (1,2,3-cd) pyrene	Naphtha- lene	1-Methyl- naphtha- lene	2-Methyl- naphtha- lene	Phenan- threne	Pyrene
Well I.D.	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)
GC TL		2,100	20	210	0.05^a	0.2 **	0.05^a	210	0.5	4.8	0.005^b	280	280	0.05^a	14	28	28	210	210
NADC		21,000	200	2,100	5	20	5	2,100	50	480	0.5	2,800	2,800	5	140	280	280	2,100	2,100
TW-1	08/25/17	0.16 U	0.17 U	0.14 U	0.049 U	0.15 U	0.050 U	0.19 U	0.19 U	0.13 U	0.095 U	0.15 U	0.15 U	0.45 U	0.19 U	0.20 U	0.20 U	0.16 U	0.14 U
TMW-DISP	06/14/18	0.17 U	0.18 U	0.15 U	0.051 U	0.15 U	0.052 U	0.20 U	0.20 U	0.14 U	0.099 U	0.15 U	0.16 U	0.047 U	9.5	4.4	7.1	0.17 U	0.15 U
	02/10/21	0.040 U	0.030 U	0.043 U	0.055 U	0.12 U	0.027 U	0.15 U	0.16 U	0.026 U	0.13 U	0.018 U	0.088 U	0.12 U	0.29 U	0.19 U	0.68 U	0.16 U	0.053 U
MW-5R	10/27/21	0.019 U	0.031 U	0.020 U	0.020 U	0.021 U	0.027 U	0.023 U	0.024 U	0.026 U	0.025 U	0.018 U	0.017 U	0.024 U	0.29 U	0.19 U	0.17 U	0.019 U	0.032 U
MW-9	11/03/20	0.040 U	0.030 U	0.043 U	0.055 U	0.12 U	0.027 U	0.15 U	0.16 U	0.026 U	0.13 U	0.018 U	0.088 U	0.12 U	0.29 U	0.19 U	0.68 U	0.16 U	0.032 U
MW-16	02/17/20	0.040 U	0.030 U	0.043 U	0.055 U	0.12 U	0.027 U	0.15 U	0.16 U	0.026 U	0.13 U	0.018 U	0.088 U	0.12 U	0.29 U	0.19 U	0.68 U	0.16 U	0.032 U
MW-17	02/17/20	0.040 U	0.030 U	0.043 U	0.055 U	0.12 U	0.027 U	0.15 U	0.16 U	0.026 U	0.13 U	0.018 U	0.088 U	0.12 U	0.29 U	0.19 U	0.68 U	0.16 U	0.032 U
MW-18	02/17/20	0.040 U	0.030 U	0.043 U	0.055 U	0.12 U	0.027 U	0.15 U	0.16 U	0.026 U	0.13 U	0.036 U	0.088 U	0.12 U	0.29 U	0.19 U	0.68 U	0.16 U	0.032 U
MW-19	02/17/20	0.040 U	0.030 U	0.043 U	0.055 U	0.12 U	0.027 U	0.15 U	0.16 U	0.026 U	0.13 U	0.087 U	0.088 U	0.12 U	0.29 U	0.19 U	0.68 U	0.18 U	0.059 U

See notes at end of table.

Notes:

TW-1 sample collected by The NDN Companies

µg/L = micrograms per liter

GC TL = Groundwater Cleanup Target Level specified in Table I of Chapter 62-777, Florida Administrative Code (FAC)

NADC = Natural Attenuation Default Concentration specified in Table V of Chapter 62-777, FAC

a = See 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.

** = As provided in Chapter 62-550, FAC

U = Test parameter not detected above the Laboratory Method Detection Limit (LMDL)

I = Estimated concentration between LMDL and Practical Quantitation Limit (PQL)

--- = Sample not analyzed for stated test parameter

BOLD = concentration exceeds GC TL

BOLD = concentration exceeds NADC



Appendix C – Groundwater Analytical Report

February 20, 2023

Daniel Press
Groundwater & Environmental Services
3985 Gateway Centre Blvd
Suite 170
Pinellas Park, FL 33782

RE: Project: Exxon Station
Pace Project No.: 35780555

Dear Daniel Press:

Enclosed are the analytical results for sample(s) received by the laboratory on February 17, 2023. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

The test results provided in this final report were generated by each of the following laboratories within the Pace Network:

- Pace Analytical Services - Ormond Beach

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

Sincerely,



Lori Palmer
lori.palmer@pacelabs.com
813-855-1844
Project Manager

Enclosures

cc: Migdalia Arguello, Groundwater & Environmental Services
J Kenneth Brinson, Groundwater & Environmental
Services, Inc.
GES Deliverables, Groundwater & Environmental Services
Inc



REPORT OF LABORATORY ANALYSIS

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CERTIFICATIONS

Project: Exxon Station

Pace Project No.: 35780555

Pace Analytical Services Ormond Beach

8 East Tower Circle, Ormond Beach, FL 32174

Alaska DEC- CS/UST/LUST

Alabama Certification #: 41320

Colorado Certification: FL NELAC Reciprocity

Connecticut Certification #: PH-0216

Delaware Certification: FL NELAC Reciprocity

Florida Certification #: E83079

Georgia Certification #: 955

Guam Certification: FL NELAC Reciprocity

Hawaii Certification: FL NELAC Reciprocity

Illinois Certification #: 200068

Indiana Certification: FL NELAC Reciprocity

Kansas Certification #: E-10383

Kentucky Certification #: 90050

Louisiana Certification #: FL NELAC Reciprocity

Louisiana Environmental Certificate #: 05007

Maine Certification #: FL01264

Maryland Certification: #346

Massachusetts Certification #: M-FL1264

Michigan Certification #: 9911

Mississippi Certification: FL NELAC Reciprocity

Missouri Certification #: 236

Montana Certification #: Cert 0074

Nebraska Certification: NE-OS-28-14

New Hampshire Certification #: 2958

New Jersey Certification #: FL022

New York Certification #: 11608

North Carolina Environmental Certificate #: 667

North Carolina Certification #: 12710

North Dakota Certification #: R-216

Ohio DEP 87780

Oklahoma Certification #: D9947

Pennsylvania Certification #: 68-00547

Puerto Rico Certification #: FL01264

South Carolina Certification: #96042001

Tennessee Certification #: TN02974

Texas Certification: FL NELAC Reciprocity

US Virgin Islands Certification: FL NELAC Reciprocity

Virginia Environmental Certification #: 460165

West Virginia Certification #: 9962C

Wisconsin Certification #: 399079670

Wyoming (EPA Region 8): FL NELAC Reciprocity

REPORT OF LABORATORY ANALYSIS

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SAMPLE SUMMARY

Project: Exxon Station
Pace Project No.: 35780555

Lab ID	Sample ID	Matrix	Date Collected	Date Received
35780555001	MW-4R	Water	02/17/23 10:35	02/17/23 16:35
35780555002	MW-9R	Water	02/17/23 09:05	02/17/23 16:35
35780555003	MW-12	Water	02/17/23 11:00	02/17/23 16:35
35780555004	MW-13	Water	02/17/23 09:30	02/17/23 16:35
35780555005	MW-14	Water	02/17/23 09:49	02/17/23 16:35
35780555006	MW-16	Water	02/17/23 10:15	02/17/23 16:35

REPORT OF LABORATORY ANALYSIS

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SAMPLE ANALYTE COUNT

Project: Exxon Station
Pace Project No.: 35780555

Lab ID	Sample ID	Method	Analysts	Analytes Reported
35780555001	MW-4R	EPA 8260	CLT	8
35780555002	MW-9R	EPA 8260	CLT	8
35780555003	MW-12	EPA 8260	CLT	8
35780555004	MW-13	EPA 8260	CLT	8
35780555005	MW-14	EPA 8260	CLT	8
35780555006	MW-16	EPA 8260	CLT	8

PASI-O = Pace Analytical Services - Ormond Beach

REPORT OF LABORATORY ANALYSIS

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**ANALYTICAL RESULTS**

Project: Exxon Station

Pace Project No.: 35780555

Sample: MW-4R **Lab ID: 35780555001** Collected: 02/17/23 10:35 Received: 02/17/23 16:35 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV, Short List									
Analytical Method: EPA 8260									
Pace Analytical Services - Ormond Beach									
Benzene	0.30 U	ug/L	1.0	0.30	1		02/18/23 08:11	71-43-2	
Ethylbenzene	0.30 U	ug/L	1.0	0.30	1		02/18/23 08:11	100-41-4	
Methyl-tert-butyl ether	1.2 U	ug/L	5.0	1.2	1		02/18/23 08:11	1634-04-4	
Toluene	0.33 U	ug/L	1.0	0.33	1		02/18/23 08:11	108-88-3	
Xylene (Total)	2.1 U	ug/L	5.0	2.1	1		02/18/23 08:11	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	102	%	70-130		1		02/18/23 08:11	460-00-4	
Toluene-d8 (S)	99	%	70-130		1		02/18/23 08:11	2037-26-5	
1,2-Dichlorobenzene-d4 (S)	99	%	70-130		1		02/18/23 08:11	2199-69-1	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Exxon Station

Pace Project No.: 35780555

Sample: MW-9R Lab ID: 35780555002 Collected: 02/17/23 09:05 Received: 02/17/23 16:35 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV, Short List									
Analytical Method: EPA 8260									
Pace Analytical Services - Ormond Beach									
Benzene	0.30 U	ug/L	1.0	0.30	1		02/18/23 08:34	71-43-2	
Ethylbenzene	0.30 U	ug/L	1.0	0.30	1		02/18/23 08:34	100-41-4	
Methyl-tert-butyl ether	6.4	ug/L	5.0	1.2	1		02/18/23 08:34	1634-04-4	
Toluene	0.33 U	ug/L	1.0	0.33	1		02/18/23 08:34	108-88-3	
Xylene (Total)	2.1 U	ug/L	5.0	2.1	1		02/18/23 08:34	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	102	%	70-130		1		02/18/23 08:34	460-00-4	
Toluene-d8 (S)	100	%	70-130		1		02/18/23 08:34	2037-26-5	
1,2-Dichlorobenzene-d4 (S)	101	%	70-130		1		02/18/23 08:34	2199-69-1	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Exxon Station

Pace Project No.: 35780555

Sample: MW-12 Lab ID: 35780555003 Collected: 02/17/23 11:00 Received: 02/17/23 16:35 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV, Short List									
Analytical Method: EPA 8260									
Pace Analytical Services - Ormond Beach									
Benzene	0.30 U	ug/L	1.0	0.30	1		02/18/23 08:56	71-43-2	
Ethylbenzene	0.30 U	ug/L	1.0	0.30	1		02/18/23 08:56	100-41-4	
Methyl-tert-butyl ether	3.9 I	ug/L	5.0	1.2	1		02/18/23 08:56	1634-04-4	
Toluene	0.33 U	ug/L	1.0	0.33	1		02/18/23 08:56	108-88-3	
Xylene (Total)	2.1 U	ug/L	5.0	2.1	1		02/18/23 08:56	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	102	%	70-130		1		02/18/23 08:56	460-00-4	
Toluene-d8 (S)	101	%	70-130		1		02/18/23 08:56	2037-26-5	
1,2-Dichlorobenzene-d4 (S)	99	%	70-130		1		02/18/23 08:56	2199-69-1	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Exxon Station

Pace Project No.: 35780555

Sample: MW-13 Lab ID: 35780555004 Collected: 02/17/23 09:30 Received: 02/17/23 16:35 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV, Short List									
Analytical Method: EPA 8260									
Pace Analytical Services - Ormond Beach									
Benzene	0.30 U	ug/L	1.0	0.30	1		02/18/23 09:19	71-43-2	
Ethylbenzene	0.30 U	ug/L	1.0	0.30	1		02/18/23 09:19	100-41-4	
Methyl-tert-butyl ether	1.2 U	ug/L	5.0	1.2	1		02/18/23 09:19	1634-04-4	
Toluene	0.33 U	ug/L	1.0	0.33	1		02/18/23 09:19	108-88-3	
Xylene (Total)	2.1 U	ug/L	5.0	2.1	1		02/18/23 09:19	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	102	%	70-130		1		02/18/23 09:19	460-00-4	
Toluene-d8 (S)	100	%	70-130		1		02/18/23 09:19	2037-26-5	
1,2-Dichlorobenzene-d4 (S)	99	%	70-130		1		02/18/23 09:19	2199-69-1	

REPORT OF LABORATORY ANALYSIS

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**ANALYTICAL RESULTS**

Project: Exxon Station

Pace Project No.: 35780555

Sample: MW-14 **Lab ID: 35780555005** Collected: 02/17/23 09:49 Received: 02/17/23 16:35 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV, Short List									
Analytical Method: EPA 8260									
Pace Analytical Services - Ormond Beach									
Benzene	99.3	ug/L	1.0	0.30	1		02/18/23 09:42	71-43-2	
Ethylbenzene	1.9	ug/L	1.0	0.30	1		02/18/23 09:42	100-41-4	
Methyl-tert-butyl ether	57.7	ug/L	5.0	1.2	1		02/18/23 09:42	1634-04-4	
Toluene	2.8	ug/L	1.0	0.33	1		02/18/23 09:42	108-88-3	
Xylene (Total)	52.1	ug/L	5.0	2.1	1		02/18/23 09:42	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	102	%	70-130		1		02/18/23 09:42	460-00-4	
Toluene-d8 (S)	101	%	70-130		1		02/18/23 09:42	2037-26-5	
1,2-Dichlorobenzene-d4 (S)	101	%	70-130		1		02/18/23 09:42	2199-69-1	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Exxon Station

Pace Project No.: 35780555

Sample: MW-16 Lab ID: 35780555006 Collected: 02/17/23 10:15 Received: 02/17/23 16:35 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV, Short List									
Analytical Method: EPA 8260									
Pace Analytical Services - Ormond Beach									
Benzene	7.8	ug/L	1.0	0.30	1		02/18/23 10:26	71-43-2	
Ethylbenzene	1.8	ug/L	1.0	0.30	1		02/18/23 10:26	100-41-4	
Methyl-tert-butyl ether	10.5	ug/L	5.0	1.2	1		02/18/23 10:26	1634-04-4	
Toluene	0.33 U	ug/L	1.0	0.33	1		02/18/23 10:26	108-88-3	
Xylene (Total)	4.3 I	ug/L	5.0	2.1	1		02/18/23 10:26	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	102	%	70-130		1		02/18/23 10:26	460-00-4	
Toluene-d8 (S)	100	%	70-130		1		02/18/23 10:26	2037-26-5	
1,2-Dichlorobenzene-d4 (S)	99	%	70-130		1		02/18/23 10:26	2199-69-1	

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: Exxon Station

Pace Project No.: 35780555

QC Batch: 895397

Analysis Method: EPA 8260

QC Batch Method: EPA 8260

Analysis Description: 8260 MSV

Laboratory: Pace Analytical Services - Ormond Beach

Associated Lab Samples: 35780555001, 35780555002, 35780555003, 35780555004, 35780555005, 35780555006

METHOD BLANK: 4925146

Matrix: Water

Associated Lab Samples: 35780555001, 35780555002, 35780555003, 35780555004, 35780555005, 35780555006

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Benzene	ug/L	0.30 U	1.0	0.30	02/18/23 02:00	
Ethylbenzene	ug/L	0.30 U	1.0	0.30	02/18/23 02:00	
Methyl-tert-butyl ether	ug/L	1.2 U	5.0	1.2	02/18/23 02:00	
Toluene	ug/L	0.33 U	1.0	0.33	02/18/23 02:00	
Xylene (Total)	ug/L	2.1 U	5.0	2.1	02/18/23 02:00	
1,2-Dichlorobenzene-d4 (S)	%	100	70-130		02/18/23 02:00	
4-Bromofluorobenzene (S)	%	102	70-130		02/18/23 02:00	
Toluene-d8 (S)	%	101	70-130		02/18/23 02:00	

LABORATORY CONTROL SAMPLE: 4925147

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Benzene	ug/L	20	19.3	96	70-130	
Ethylbenzene	ug/L	20	19.5	98	70-130	
Methyl-tert-butyl ether	ug/L	20	20.9	104	64-124	
Toluene	ug/L	20	19.2	96	70-130	
Xylene (Total)	ug/L	60	59.8	100	70-130	
1,2-Dichlorobenzene-d4 (S)	%			103	70-130	
4-Bromofluorobenzene (S)	%			104	70-130	
Toluene-d8 (S)	%			100	70-130	

MATRIX SPIKE SAMPLE: 4925149

Parameter	Units	35780555006 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Benzene	ug/L	7.8	20	28.1	102	70-130	
Ethylbenzene	ug/L	1.8	20	21.2	97	70-130	
Methyl-tert-butyl ether	ug/L	10.5	20	32.4	110	64-124	
Toluene	ug/L	0.33 U	20	20.0	99	70-130	
Xylene (Total)	ug/L	4.3 I	60	62.6	97	70-130	
1,2-Dichlorobenzene-d4 (S)	%				101	70-130	
4-Bromofluorobenzene (S)	%				104	70-130	
Toluene-d8 (S)	%				101	70-130	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

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**QUALITY CONTROL DATA**

Project: Exxon Station

Pace Project No.: 35780555

SAMPLE DUPLICATE: 4925148

Parameter	Units	35780555005 Result	Dup Result	RPD	Max RPD	Qualifiers
Benzene	ug/L	99.3	100	1	40	
Ethylbenzene	ug/L	1.9	1.8	3	40	
Methyl-tert-butyl ether	ug/L	57.7	59.2	3	40	
Toluene	ug/L	2.8	2.9	1	40	
Xylene (Total)	ug/L	52.1	52.5	1	40	
1,2-Dichlorobenzene-d4 (S)	%	101	100		40	
4-Bromofluorobenzene (S)	%	102	103		40	
Toluene-d8 (S)	%	101	103		40	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

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QUALIFIERS

Project: Exxon Station

Pace Project No.: 35780555

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit - The lowest concentration value that meets project requirements for quantitative data with known precision and bias for a specific analyte in a specific matrix.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Reported results are not rounded until the final step prior to reporting. Therefore, calculated parameters that are typically reported as "Total" may vary slightly from the sum of the reported component parameters.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

I The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit.

U Compound was analyzed for but not detected.

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Exxon Station
Pace Project No.: 35780555

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
35780555001	MW-4R	EPA 8260	895397		
35780555002	MW-9R	EPA 8260	895397		
35780555003	MW-12	EPA 8260	895397		
35780555004	MW-13	EPA 8260	895397		
35780555005	MW-14	EPA 8260	895397		
35780555006	MW-16	EPA 8260	895397		

REPORT OF LABORATORY ANALYSIS

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WO#: 35780555



CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.



Section A

Required Client Information:

Company: Groundwater & Environmental Services, Inc.
 Address: 3985 Gateway Centre Boulevard, Suite 170
 Pinellas Park, FL 33782
 Email: DOCS@gesonline.com
 Phone: 866-232-0472 Fax: 727-209-1563
 Requested Date: Standard TAT

Section B

Required Project Information:

Report To: SE@gesonline.com
 Copy To: Maximilian Colon - Maximilian@gesonline.com
 Purchase Order #: NA
 Project Name: Exxon Station
 Project #: 2803547-13402

Section C

Invoice Information:

Attention: AP Finance: general@gesonline.com
 Company Name: GES
 Address: 440 Creamery Way, Suite 500, Exton, PA 19341
 Place Order: NA
 Price Project Manager: Lori Palmer
 Price Profile #

Page: 1 of 1

Regulatory Agency:
 State / Location:

#	ITEM	MATRIX CODE (see yard codes to left)	SAMPLE TYPE (G=GLASS, C=COMPOUND)	COLLECTED		# OF CONTAINERS	PRESERVATIVES										Requested Analysis: Filtered (Y/N)	
				DATE	TIME		Unpreserved	H2SO4	HNO3	HCl	NaOH	Na2S2O3	Methanol	Other	RESIDUAL CHLORINE (280)	PAHS (270)		
1		WT G	WT G	2/17/23	1035	3				X								
2		WT G	WT G	2/17/23	905	3				X								
3		WT G	WT G	2/17/23	1100	3				X								
4		WT G	WT G	2/17/23	930	3				X								
5		WT G	WT G	2/17/23	949	3				X								
6		WT G	WT G	2/17/23	1015	3				X								
7		WT G	WT G	2/17/23	1015	3				X								
8		WT G	WT G	2/17/23	1015	3				X								
9		WT G	WT G	2/17/23	1015	3				X								
10		WT G	WT G	2/17/23	1015	3				X								
11		WT G	WT G	2/17/23	1015	3				X								
12		WT G	WT G	2/17/23	1015	3				X								

ADDITIONAL COMMENTS	SIGNATURE BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	TEMP IN C	Received On	for	(Y/N)	Sealed	Cooler	(Y/N)	Samples	Initial
T. Cosgrove	T. Cosgrove	2/17/23	1145	T. Cosgrove	2/17/23	1635	1.2								

SAMPLER NAME AND SIGNATURE	PRINT Name of SAMPLER: Travis Cosgrove	DATE Signed: 2/17/23
SIGNATURE of SAMPLER:		

Please fill in new contract rates. ADJUST EDD will be needed.

FORM FAC ID: 560615041

Pace

Project #
Project Manager:
Client:

Sample Condition
WO#: 35780555
PM: LAP Due Date: 02/24/23
CLIENT: 37-GESTAN

R)
Date and Initials of person:
Examining contents: AP
Label: _____
Deliver: _____
pH: _____

Thermometer Used: T-408 Date: 2/17/23 Time: 1840 Initials: TSI

State of Origin: _____ ☐ For WV projects, all containers verified to ≤6 °C

Cooler #1 Temp. °C 11 (Visual) +0.1 (Correction Factor) 1.2 (Actual) ☐ Samples on ice, cooling process has begun
Cooler #2 Temp. °C _____ (Visual) _____ (Correction Factor) _____ (Actual) ☐ Samples on ice, cooling process has begun
Cooler #3 Temp. °C _____ (Visual) _____ (Correction Factor) _____ (Actual) ☐ Samples on ice, cooling process has begun
Cooler #4 Temp. °C _____ (Visual) _____ (Correction Factor) _____ (Actual) ☐ Samples on ice, cooling process has begun
Cooler #5 Temp. °C _____ (Visual) _____ (Correction Factor) _____ (Actual) ☐ Samples on ice, cooling process has begun
Cooler #6 Temp. °C _____ (Visual) _____ (Correction Factor) _____ (Actual) ☐ Samples on ice, cooling process has begun
Recheck for OOT °C _____ (Visual) _____ (Correction Factor) _____ (Actual) Time: _____ Initials: _____

Courier: ☐ Fed Ex ☐ UPS ☐ USPS ☐ Client ☐ Commercial ☒ Pace ☐ Other _____
Shipping Method: ☐ First Overnight ☐ Priority Overnight ☐ Standard Overnight ☐ Ground ☐ International Priority
☐ Other _____

Billing: ☐ Recipient ☐ Sender ☐ Third Party ☐ Credit Card ☐ Unknown

Tracking # _____

Custody Seal on Cooler/Box Present: ☐ Yes ☒ No Seals intact: ☐ Yes ☐ No Ice: ☒ Wet ☐ Blue ☐ Melted ☐ None

Packing Material: ☒ Bubble Wrap ☒ Bubble Bags ☐ None ☐ Other _____

Samples shorted to lab (If Yes, complete) Shorted Date: _____ Shorted Time: _____ Qty: _____

Comments:	
Chain of Custody Present	☒ Yes ☐ No ☐ N/A
Chain of Custody Filled Out	☒ Yes ☐ No ☐ N/A
Relinquished Signature & Sampler Name COC	☒ Yes ☐ No ☐ N/A
Samples Arrived within Hold Time	☒ Yes ☐ No ☐ N/A
Rush TAT requested on COC	☐ Yes ☒ No ☐ N/A
Sufficient Volume	☒ Yes ☐ No ☐ N/A
Correct Containers Used	☒ Yes ☐ No ☐ N/A
Containers Intact	☒ Yes ☐ No ☐ N/A
Sample Labels match COC (sample IDs & date/time of collection)	☒ Yes ☐ No ☐ N/A
All containers needing acid/base preservation have been checked.	☐ Yes ☐ No ☒ N/A
All Containers needing preservation are found to be in compliance with EPA recommendation	☐ Yes ☐ No ☒ N/A
Exceptions: Vials, Microbiology, O&G, PFAS	
Headspace in VOA Vials? (>6mm)	☒ Yes ☐ No ☐ N/A
Trip Blank Present:	☐ Yes ☐ No ☒ N/A

Comments/ Resolution (use back for additional comments):
1 vial sample 2, 1 vial sample 3, and 2 vials samples have headspace

SITE 17 – Quality Inn Motel/Discount Tire

PARM Annual Report, dated December 20, 2005 (text, figures, tables, and laboratory analytical data) – 28 pages

SRCO, dated April 12, 2006 – 1 page

Notice of Intent to Discharge, dated November 10, 2021 – (text, figures, tables, and laboratory analytical data) – 11 pages

**POST REMEDIAL ACTION MONITORING
ANNUAL REPORT**



For the

FORMER QUALITY INN FACILITY
2445 State Road 16
St Augustine, St Johns County, Florida
FDEP Facility I D # 559102843
FDEP Work Order # 2005-94-W07766

Prepared for

**FLORIDA DEPARTMENT OF
ENVIRONMENTAL PROTECTION**
2600 Blair Stone Road
Tallahassee, Florida 32399-2400

Prepared by

PROFESSIONAL SERVICE INDUSTRIES, INC.
1748 33rd Street
Orlando, Florida 32839
(407) 304-5560
Florida Engineering Business No 3684

PSI PROJECT NO. 663-1G024

December 20, 2005

RECEIVED
FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
DEC 23 2005
TALLAHASSEE, FLORIDA

December 20, 2005

Mr. Robert Perlowski
FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
2600 Blair Stone Road
Tallahassee, Florida 32399-2400

Re Post Remedial Action Monitoring Annual Report
Former Quality Inn Facility
2445 State Road 16
St. Augustine, St. Johns County, Florida
FDEP Facility I.D. No 559102843
Work Order No. 2005-94-W07766

PSI Project Number: 663-1G024

Dear Mr. Perlowski:

On behalf of Mr. Robert Perlowski, in accordance with Work Order # 2005-94-W07766 and associated verbal change orders, and in general accordance with Chapter 62-770, Florida Administrative Code (FAC), PSI has prepared this Post Remedial Action Monitoring Annual Report for the above-referenced property. Two copies of the report have been prepared and submitted for use by the Florida Department of Environmental Protection.

Should you have any questions or require additional information, please contact the undersigned at (407) 304-5560.

Respectfully submitted,

PROFESSIONAL SERVICE INDUSTRIES, INC.


Charly M. Rychak
Staff Engineer


Angela C. Garzia, P.E.
Senior Project Engineer

Enclosures

cc Ms. Norendra Patel, 2445 State Road 16, St. Augustine, Florida 32092

CMR/ACG jaw
12-05 NA Report.doc

TABLE OF CONTENTS

	PAGE
PROFESSIONAL ENGINEER CERTIFICATION	I
1.0 INTRODUCTION	1
1 1 Site Location	1
1 2 Project History	1
1 3 Authorization	2
1 4 Notification	2
2.0 GROUNDWATER SAMPLING ACTIVITIES	3
2 1 Groundwater Sampling	3
2 2 Quality Assurance/Quality Control Measures	3
3.0 GROUNDWATER SAMPLING RESULTS	4
3 1 Laboratory Analytical Results	4
3 2 Free Product Measurements	4
3 3 Groundwater Elevation Measurements	4
4.0 CONCLUSIONS AND RECOMMENDATIONS	5
4 1 Conclusions	5
4 2 Recommendations	5

TABLES

Table 1	Groundwater Analytical Summary (Detected Parameters Only)
Table 2	Groundwater Elevation Summary

FIGURES

Figure 1	USGS Vicinity Map
Figure 2	Site Map
Figure 3	Groundwater Elevation Contour Map (12/01/05)

APPENDICES

Appendix A	Field Data Sheets
Appendix B	Laboratory Analytical Report and Chain-of-Custody Documentation



POST REMEDIAL ACTION MONITORING ANNUAL REPORT

For the

Former Quality Inn Motel
2445 State Road 16
St Augustine, St Johns County, Florida

Prepared by

Professional Service Industries, Inc.
1748 33rd Street
Orlando, Florida 32839
Engineering Business Authorization No 3684

PSI Project No. 663-1G024
FDEP Facility I D No. 559102843

In accordance with the provisions of Florida Statutes, Chapter 471, this **Post Remedial Action Monitoring Annual Report** has been prepared under my responsible charge and direct supervision. This work was performed in accordance with generally accepted professional engineering practices pursuant to Chapter 471 of the Florida Statutes and is in conformance with Chapter 62-770, Florida Administrative Code. The data, findings, recommendations, specifications or professional opinions were prepared solely for the use of Quality Inn Motel and the Florida Department of Environmental Protection. PSI makes no other warranty, either expressed or implied, and is not responsible for the interpretation by others of these data.



Angela C. Garzia 12-20-05
Angela C. Garzia, P.E. Date
Florida P.E. No. 60085
Professional Service Industries, Inc.
1748 33rd Street, Orlando, Florida
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1.0 INTRODUCTION

1.1 Site Location

The subject property, a Best Western hotel and a Taco Bell restaurant, is located at 2445 State Road 16 in St Augustine, St Johns County, Florida. Based on review of the United States Geological Survey (USGS) "Bakersville, Florida" quadrangle map, the subject site is located in the northeast corner of Section 7, Township 7 South, Range 29 East, as shown on Figure 1. A site map is included as Figure 2.

1.2 Project History

Two underground storage tanks (USTs) were previously maintained at the subject site, which has operated as a motel since at least 1975. The sale and/or distribution of petroleum products is estimated to have been discontinued at the site in 1978. The location of the USTs was discovered during PSI's Preliminary Environmental Survey performed for the property owner in September 1991. The facility was subsequently registered with the Florida Department of Environmental Protection (FDEP) as maintaining petroleum USTs.

Removal of the USTs and initial remedial activities were conducted in March 1992. A Contamination Assessment Report (CAR), dated August 6, 1992, was prepared by PSI and submitted to the FDEP. The FDEP replied with a comment letter dated October 14, 1992. On December 23, 1992, PSI responded to the comment letter from the FDEP with a CAR Addendum. On February 23, 1993, the FDEP approved the second CAR Addendum and associated Monitoring Only Plan (MOP).

Subsequent to the MOP approval, groundwater monitoring activities were conducted through February 1995. A Limited Remedial Action Plan (LRAP) to resume Monitoring Only activities was submitted to the FDEP on September 25, 1995. PSI conducted groundwater monitoring events in March 1996 and October 1996.

On November 3, 1997, PSI personnel collected groundwater samples from the designated monitoring wells. Following review of the laboratory analysis data, PSI conducted over-development activities on Monitoring Well MW-6. It was concluded that the over-development of Monitoring Well MW-6 likely had very little effect on the reduction of the groundwater contaminants.

In November 1998, PSI personnel conducted soil assessment activities at the site in the vicinity of Monitoring Wells MW-5, MW-6, and MW-8. Results of the soil assessment indicated that the vadose zone soils did not appear to be impacted by petroleum hydrocarbons at levels exceeding the Soil Cleanup Target Levels (SCTLs) set forth in Chapter 62-770, Florida Administrative Code (FAC).

In May 2000, PSI conducted oxidant injection evaluation activities to evaluate whether natural attenuation via biodegradation enhanced with a chemical oxidant was a viable remedial approach for this site. According to the results presented in the Summary of Oxidant Injection Evaluation Activities Report dated July 13, 2000, aerobic biodegradation of the petroleum carbons at the site was a viable remedial alternative for this site.



PSI prepared a Level 2 Limited Scope Remedial Action Plan (LSRAP), dated October 20, 2000, for the injection of Oxygen Release Compound (ORC®). PSI performed ORC® injection activities in April and June 2001.

Following one year of post remediation monitoring, PSI concluded that the ORC® injection activities were not effective due to continuing exceedances of Chapter 62-777, FAC Groundwater Cleanup Target Levels (GCTLs) and the subsequent sharp decreases in measured dissolved oxygen (DO) concentrations. PSI subsequently prepared a February 28, 2003 LSRAP to evaluate short-term remedial options and included a design for remediation of the remaining petroleum contamination present at the subject site through short-term Multi-Phase Extraction (MPE). Supplemental information was submitted through April 17, 2003. The FDEP approved the LSRAP and supplemental information in a letter dated April 24, 2003.

PSI personnel performed baseline groundwater sampling at the facility on October 16, 2003, which included collecting groundwater samples from existing Monitoring Wells MW-6 and MW-12. PSI personnel then performed eight monthly short-term MPE events beginning in March 2004. Each short-term event was approximately five days long with the system operating approximately 10 hours per day. System data, including groundwater flow rates, vacuum at the bower, applied wellhead vacuum, air stripper pressure, influent and effluent pH, and knockout tank emissions concentrations was collected during each field event. These activities were summarized in three quarterly reports, dated July 19, 2004, January 13, 2005, and January 13, 2005.

Subsequent to the completion of the MPE events, on March 17, 2005, PSI received a work order for the implementation of four quarters of natural attenuation monitoring (NAM) from the FDEP. The activities of the groundwater monitoring included collection of groundwater samples from Monitoring Wells MW-6 and MW-12 for laboratory analysis by U.S. Environmental Protection Agency (EPA) Method 8021 for benzene, toluene, ethylbenzene, and total xylenes (BTEX) and methyl tert-butyl ether (MTBE).

PSI has completed the approved year of Post Remedial Action Monitoring in accordance with FDEP Work Orders No. 2005-94-W07766. The fourth quarterly monitoring activities are described herein. The first three quarterly activities were summarized in their respective reports, dated April 14, June 22, and September 29, 2005.

1.3 Authorization

Under the approval of Ms. Narendra Patel, and the authorization of the FDEP under the Florida Petroleum Preapproval Cleanup Program, PSI has performed four quarters of NAM activities described herein at the subject property. The site activities were authorized under FDEP Work Order No. 2005-94-W07766, signed by the FDEP on March 9, 2005. This report documents the fourth quarterly NAM activities performed by PSI in December 2005.

1.4 Notification

On November 22, 2005, PSI provided notification to the FDEP of the intended groundwater sampling activities to be performed beginning on December 1, 2005.



2.0 GROUNDWATER SAMPLING ACTIVITIES

2.1 Groundwater Sampling

On December 1, 2005, PSI personnel collected groundwater samples from existing Monitoring Wells MW-6 and MW-12 for laboratory analysis by EPA Method 8021 for BTEX and MTBE.

In general accordance with the FDEP's Standard Operating Procedures (SOPs) for field activities, groundwater samples were collected by first purging a minimum of one calculated well volume of water from the shallow monitoring wells utilizing a peristaltic pump and then purging until three consecutive readings for field parameters showed proper stabilization. For collection of the groundwater samples to be analyzed for volatile compounds, the tubing was removed from the well while still connected to the pump, and the groundwater sample was fed into laboratory-supplied sample containers by reversing the directional flow of the pump.

A copy of the field data sheets is included in Appendix A.

2.2 Quality Assurance/Quality Control Measures

All field decontamination and sampling procedures were performed in general accordance with the FDEP's SOPs for field activities. Field-decontaminated groundwater sampling equipment, and disposable tubing were utilized in order to minimize cross-contamination of the groundwater samples. All downhole equipment utilized during the field activities was decontaminated prior to and between each groundwater sampling location. Decontamination of said equipment was accomplished by washing the equipment with a non-phosphate detergent and distilled water solution followed by a distilled water rinse, subsequent isopropanol rinse, and final distilled water rinse. Additionally, all personnel utilized single-use disposable gloves during groundwater sample collection to reduce the potential for cross-contamination.

All laboratory analytical procedures were performed by National Environmental Laboratory Accreditation Conference (NELAC)-approved US Biosystems (USB, Florida Department of Health [FDOH] #E86240). USB is located in Boca Raton, Florida.



3.0 GROUNDWATER SAMPLING RESULTS

3.1 Laboratory Analytical Results

Laboratory analytical results for the groundwater samples collected from Monitoring Wells MW-6 and MW-12 did not indicate the presence of any test parameters at concentrations exceeding their respective laboratory method detection limits (LMDLs)

A summary of the groundwater analytical data (detected parameters only) is provided on Table 1. A copy of the laboratory analytical report and chain-of-custody documentation has been included in Appendix B.

3.2 Free Product Measurements

No free product was measured in the on-site monitoring wells during the groundwater sampling event on December 1, 2005, which is consistent with historic data.

3.3 Groundwater Elevation Measurements

During the December 1, 2005 groundwater sampling event, depth-to-groundwater measurements were obtained from Monitoring Wells MW-4, MW-5R, MW-6, MW-7, MW-8R, MW-9, MW-10, MW-11, and MW-12. To determine the direction of groundwater flow in the upper surficial aquifer at the site, the measured top-of-casing (TOC) elevations were referenced to an arbitrary benchmark established at the site. The depth to groundwater was measured from the TOC to the nearest one-hundredth of a foot in each of the monitoring wells with an electronic water level interface probe. The depths to groundwater were subtracted from the top of casing elevations to obtain relative groundwater table elevations. A graphical presentation of the groundwater elevations for the December 1, 2005 sampling event (Figure 3) indicates a groundwater flow direction predominantly toward the north-northwest, which is generally consistent with previous sampling events. A summary of the groundwater level measurements is provided on Table 2. The estimated groundwater elevation contours and groundwater flow direction for the subject site is depicted on Figure 3.

4.0 CONCLUSIONS AND RECOMMENDATIONS

4.1 Conclusions

Based on the results of the post remedial action groundwater sampling activities, PSI has generated the following conclusions

- Benzene, toluene, ethylbenzene, and total xylenes were detected in Monitoring Well MW-6 in September 2005 at concentrations below their respective Chapter 62-777, FAC criteria. The concentrations of these test parameters have been observed to fluctuate in Monitoring Well MW-6 from below to just above their respective LMDLs since October 2004, however, always at concentrations below their respective Chapter 62-777, FAC criteria.
- Benzene, ethylbenzene, and total xylenes were detected in Monitoring Well MW-12 in September 2005 at concentrations below their respective Chapter 62-777, FAC criteria. The concentrations of these test parameters have been observed to fluctuate in Monitoring Well MW-6 since March 2005, however, always at concentrations below their respective Chapter 62-777, FAC criteria.

4.2 Recommendations

Based on the fact that all of the test parameter concentrations detected in the on-site groundwater collected subsequent to the December 2004 remedial activities have been below their respective Chapter 62-777, FAC GCTLs, PSI requests that a Site Rehabilitation Completion Order (SRCO) be issued for the subject facility.

TABLES

TABLE 1

GROUNDWATER ANALYTICAL SUMMARY
(Detected Parameters Only)

PROJECT NAME FORMER QUALITY INN FACILITY
LOCATION 2445 State Road 16
FACILITY ID NO 559102843
PSI PROJECT NO 663-1G024

Well Number	Sample Date	Detected Parameters						
		Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	TPH (mg/L)	Total Dissolved Solids (mg/L)
MW-1	04/23/92	<1	3	27	20	<1	NS	NS
	09/30/92	<1	<1	<1	<1	<1	NS	NS
	03/26/96	<1	<1	<1	<1	<1	NS	NS
	01/20/97	<1	<1	<1	<1	<1	NS	NS
MW-2	04/23/92	<1	<1	<1	<1	<1	NS	NS
MW-2A	01/20/97	<1	<1	<1	<1	<1	NS	NS
MW-3	04/23/92	<1	<1	<1	<1	<1	NS	NS
	11/18/92	<1	<1	<1	<1	<1	NS	NS
MW-3A	01/20/97	<1	<1	<1	<1	<1	NS	NS
MW-4	04/23/92	<1	<1	<1	<1	<1	NS	NS
	01/20/97	<1	<1	<1	<1	<1	NS	NS
	12/05/02	<10	<10	<10	<10	<10	NS	NS
MW-5	09/30/92	359	120	49	141	6	NS	NS
	10/12/92	110	27	19	87	9	NS	NS
	01/21/93	272	1	1	133	<1	NS	NS
	10/26/94	100	<1	2	330	<1	NS	NS
	02/15/95	7	<1	11	18	<1	NS	NS
	03/26/96	20	<1	11	58	<1	NS	NS
	10/07/96	2	<1	<1	10	<1	NS	NS
	01/20/97	16	<1	<1	54	<1	NS	NS
	05/06/97	4	<1	<1	<1	<1	NS	NS
	08/13/97	4	<5	2	6	<1	NS	NS
	11/03/97	<1	<1	<1	<1	<1	NS	NS
	06/15/98	15	<1	16	57	<2	NS	NS
	07/09/98	<1	<1	<1	6	<2	NS	NS
	09/28/99	<1	<1	<1	<2	<2	NS	NS
	11/30/99	ND	ND	ND	12.2	NS	NS	NS
MW-5R	04/16/01	17	<10	<10	12.0	<2.0	NS	560
	06/22/01	13	<10	<10	6.8	<2.0	NS	NS
	09/05/01	<10	<10	<10	6.2	<2.0	NS	520
	12/20/01	<10	<10	<10	3.3	<1.0	NS	500
	03/26/02	<10	<10	<10	1.6	<1.0	NS	520
	12/05/02	<10	<10	<10	<1.0	<1.0	NS	NS
MW-6	10/12/92	84	<1	<1	<1	6	NS	NS
	11/18/92	55	<1	<1	<1	<1	NS	NS
	01/21/93	13	<1	<1	<1	<1	NS	NS
	10/26/94	34	2	<1	<1	<1	NS	NS
	02/15/95	44	<1	<1	<1	<1	NS	NS
	03/26/96	125	<1	<1	<1	<1	NS	NS
Chapter 62-777, FAC GCTLs		1	40	30	20	50	5	500

TABLE 1

GROUNDWATER ANALYTICAL SUMMARY
(Detected Parameters Only)

PROJECT NAME FORMER QUALITY INN FACILITY
LOCATION 2445 State Road 16
FACILITY ID NO 559102843
PSI PROJECT NO 663-1G024

Well Number	Sample Date	Detected Parameters						
		Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/l)	Total Xylenes (µg/L)	MTBE (µg/L)	TPH (mg/L)	Total Dissolved Solids (mg/L)
MW-6	10/07/96	38	<1	<1	<1	<1	NS	NS
	01/20/97	50	<1	<1	<1	<1	NS	NS
	05/06/97	55	<1	<1	<1	<1	NS	NS
	08/13/97	28	<5	<1	6	<1	NS	NS
	11/03/97	48	<1	<1	<1	<1	NS	NS
	06/15/98	35	<1	<1	2	<2	NS	NS
	07/09/98	13	<1	<1	<2	<2	NS	NS
	09/28/99	13	<1	<1	<2	<2	NS	NS
	11/30/99	28.5	ND	ND	ND	NS	NS	NS
	04/16/01	27	<1.0	<1.0	1.0	<2.0	NS	270
	06/22/01	5.5	<1.0	<1.0	1.0	<2.0	NS	NS
	09/05/01	27	<1.0	<1.0	1.5	<2.0	NS	260
	12/20/01	20	<1.0	<1.0	<1.0	1.8	NS	250
	03/26/02	36	<1.0	<1.0	<1.0	2.1	NS	250
	12/05/02	24	<1.0	<1.0	<1.0	<1.0	1.6	NS
	10/16/03	2.0	<1.0	<1.0	3.7	<5.0	NS	NS
	06/28/04	1.4	<1.0	<1.0	<3.0	<2.0	NS	NS
	10/13/04	<1.0	<1.0	<1.0	<1.0	<5.0	NS	NS
	12/08/04	<1.0	<1.0	<1.0	1.1	<5.0	NS	NS
	03/31/05	<1.0	<1.0	<1.0	<2.0	<5.0	NS	NS
	06/03/05	<1.0	<1.0	<1.0	<2.0	<5.0	NS	NS
	09/01/05	0.14 (I)	0.46 (IV)	0.25 (I)	1.2 (IV)	<5.0	NS	NS
	12/01/05	<1.0	<1.0	<1.0	<2.0	<5.0	NS	NS
MW-7	10/12/92	<1	<1	<1	<1	<1	NS	NS
	01/20/97	<1	<1	<1	<1	<1	NS	NS
	12/05/02	<1.0	<1.0	<1.0	<1.0	<1.0	NS	NS
MW-8	10/12/92	25	<1	71	176	4	NS	NS
	01/21/93	11	8	39	22	<1	NS	NS
	10/26/94	2	<1	1	2	<1	NS	NS
	02/15/95	6	<1	<1	15	<1	NS	NS
	03/26/96	48	1	2	122	<1	NS	NS
	10/07/96	2	<1	<1	5	<1	NS	NS
	01/20/97	6	<1	2	17	<1	NS	NS
	05/06/97	<1	<1	<1	<1	<1	NS	NS
	08/13/97	4	<5	<1	6	<1	NS	NS
	11/03/97	<1	<1	<1	<1	<1	NS	NS
	06/15/98	3	<1	1.1	6	<2	NS	NS
	07/09/98	<1	<1	<1	<2	<2	NS	NS
	09/28/99	<1	<1	<1	<2	<2	NS	NS
	11/30/99	ND	ND	ND	ND	NA	NS	NS
Chapter 62-777, FAC GCTLs		1	40	30	20	50	5	500

TABLE 1

GROUNDWATER ANALYTICAL SUMMARY
(Detected Parameters Only)

PROJECT NAME FORMER QUALITY INN FACILITY
LOCATION 2445 State Road 16
FACILITY ID NO 559102843
PSI PROJECT NO 663-1G024

Well Number	Sample Date	Detected Parameters						
		Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	TPH (mg/L)	Total Dissolved Solids (mg/L)
MW-8R	04/16/01	<10	<10	<10	80	<20	NS	1,300
	06/22/01	<10	<10	<10	33	<20	NS	NS
	09/05/01	<10	<10	<10	11	<20	NS	1,200
	12/20/01	<10	<10	<10	<10	<10	NS	800
	03/26/02	<10	<10	<10	<10	<10	NS	1,200
	12/05/02	<10	<10	<10	<10	<10	<0.65	NS
MW-9	11/18/92	<1	<1	<1	<1	<1	NS	NS
	03/26/96	1	<1	<1	<1	<1	NS	NS
	10/07/96	<1	<1	<1	<1	<1	NS	NS
	01/20/97	<1	<1	<1	<1	<1	NS	NS
	12/05/02	<10	<10	<10	<10	<10	NS	NS
MW-10	03/26/96	<1	<1	<1	<1	<1	NS	NS
	10/07/96	<1	<1	<1	<1	<1	NS	NS
	01/20/97	<1	<1	<1	<1	<1	NS	NS
	04/16/01	<10	<10	<10	<20	<20	NS	270
	06/22/01	<10	<10	<10	<20	<20	NS	NS
	09/05/01	<10	<10	<10	<20	<20	NS	220
	12/20/01	<10	<10	<10	<10	<10	NS	240
	04/19/02	<10	<10	<10	<10	<10	NS	250
	12/05/02	<10	<10	<10	<10	<10	NS	NS
MW-11	01/21/93	2	<1	<1	<1	<1	NS	NS
	03/26/96	4	<1	<1	<1	<1	NS	NS
	10/07/96	3	<1	<1	<1	<1	NS	NS
	01/20/97	<1	<1	<1	<1	<1	NS	NS
	11/30/99	<1	ND	ND	ND	NS	NS	NS
	12/05/02	<10	<10	<10	<10	<10	NS	NS
MW-12	04/16/01	59	<10	10	47	<20	NS	550
	06/22/01	36	<10	<10	43	<20	NS	NS
	09/05/01	58	10	10	33	<20	NS	430
	12/20/01	40	<10	<10	27	<10	NS	640
	04/19/02	48	<10	<10	24	14	NS	720
	12/05/02	78	<20	<10	39	<10	<0.65	NS
	10/16/03	68	<10	<10	13	<50	NS	NS
	06/28/04	21	<10	<10	11	<20	NS	NS
	10/13/04	<10	<10	<10	<10	<50	NS	NS
	12/08/04	1.4	<10	<10	1.9	<50	NS	NS
Chapter 62-777, FAC GCTLs		1	40	30	20	50	5	500

TABLE 1

GROUNDWATER ANALYTICAL SUMMARY (Detected Parameters Only)

PROJECT NAME FORMER QUALITY INN FACILITY
 LOCATION 2445 State Road 16
 FACILITY ID NO 559102843
 PSI PROJECT NO 663-1G024

Well Number	Sample Date	Detected Parameters						
		Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/l)	Total Xylenes (µg/L)	MTBE (µg/L)	TPH (mg/L)	Total Dissolved Solids (mg/L)
MW-12	03/31/05	<1 0	<1 0	<1 0	<2 0	<5 0	NS	NS
	06/03/05	<1 0	<1 0	<1 0	<2 0	<5 0	NS	NS
	09/01/05	0 37 (I)	<1 0	0 17 (I)	0 88 (IV)	<5 0	NS	NS
	12/01/05	<1 0	<1 0	<1 0	<2 0	<5 0	NS	NS
Chapter 62-777, FAC GCTLs		1	40	30	20	50	5	500

Notes

- 1 µg/L = Micrograms per liter or parts per billion
- 2 MTBE = Methyl Tert-Butyl Ether
- 3 TPH = Total Petroleum Hydrocarbons
- 4 mg/L = Milligrams per liter or parts per million
- 5 < = Test parameter was not detected above its laboratory method detection limit (LMDL)
- 6 NS = Not sampled for stated parameter
- 7 ND = Not detected above LMDL by mobile laboratory analysis
- 8 FAC = Florida Administrative Code
- 9 GCTL = Groundwater Cleanup Target Level
- 10 I = Result between LMDL and the laboratory practical quantitation limit (PQL).
- 11 V = Test parameter was detected in method blank

TABLE 2

GROUNDWATER ELEVATION SUMMARY

PROJECT NAME
LOCATION
FACILITY ID#
PSI PROJECT #

FORMER QUALITY INN FACILITY
2445 STATE ROAD 16
559102843
663-1G024

December 1, 2005					
Well Number	Screened Interval (feet)	TOC Elevation (REL)	Depth to Water (BTOC)	Product Thickness	Groundwater Elevation
MW-4	2 00-12 00	99 11	1 54	0 00	97 47
MW- 5R	2 00-12 00	100 27	2 23	0 00	98 04
MW-6	0 36-10 36	98 33	0 55	0 00	97 78
MW-7	2 00-12 00	99 17	1 13	0 00	98 04
MW-8R	2 00-12 00	99 46	1 79	0 00	97 67
MW-9	2 10-12 10	97 92	0 67	0 00	97 25
MW-10	3 00-13 00	100 94	3 79	0 00	97 15
MW-11	1 50-11 50	97 37	0 77	0 00	96 60
MW-12	1 90-11 90	99 1	1 58	0 00	97 52

September 1, 2005					
Well Number	Screened Interval (feet)	TOC Elevation (REL)	Depth to Water (BTOC)	Product Thickness	Groundwater Elevation
MW-4	2 00-12 00	99 11	1 81	0 00	97 30
MW- 5R	2 00-12 00	100 27	2 67	0 00	97 60
MW-6	0 36-10 36	98 33	0 85	0 00	97 48
MW-7	2 00-12 00	99 17	1 50	0 00	97 67
MW-8R	2 00-12 00	99 46	2 12	0 00	97 34
MW-9	2 10-12 10	97 92	0 93	0 00	96 99
MW-10	3 00-13 00	100 94	4 07	0 00	96 87
MW-11	1 50-11 50	97 37	0 99	0 00	96 38
MW-12	1 90-11 90	99 1	1 81	0 00	97 29

June 3, 2005					
Well Number	Screened Interval (feet)	TOC Elevation (REL)	Depth to Water (BTOC)	Product Thickness	Groundwater Elevation
MW-4	2 00-12 00	99 11	1 67	0 00	97 44
MW- 5R	2 00-12 00	100 27	2 23	0 00	98 04
MW-6	0 36-10 36	98 33	0 61	0 00	97 72
MW-7	2 00-12 00	99 17	0 82	0 00	98 35
MW-8R	2 00-12 00	99 46	1 88	0 00	97 58
MW-9	2 10-12 10	97 92	0 73	0 00	97 19
MW-10	3 00-13 00	100 94	3 95	0 00	96 99
MW-11	1 50-11 50	97 37	0 68	0 00	96 69
MW-12	1 90-11 90	99 1	1 71	0 00	97 39

March 31, 2005					
Well Number	Screened Interval (feet)	TOC Elevation (REL)	Depth to Water (BTOC)	Product Thickness	Groundwater Elevation
MW-4	2 00-12 00	99 11	1 53	0 00	97 58
MW- 5R	2 00-12 00	100 27	2 14	0 00	98 13
MW-6	0 36-10 36	98 33	0 60	0 00	97 73
MW-7	2 00-12 00	99 17	0 41	0 00	98 76
MW-8R	2 00-12 00	99 46	1 71	0 00	97 75
MW-9	2 10-12 10	97 92	0 68	0 00	97 24
MW-10	3 00-13 00	100 94	3 40	0 00	97 54
MW-11	1 50-11 50	97 37	0 60	0 00	96 77
MW-12	1 90-11 90	99 1	1 49	0 00	97 61

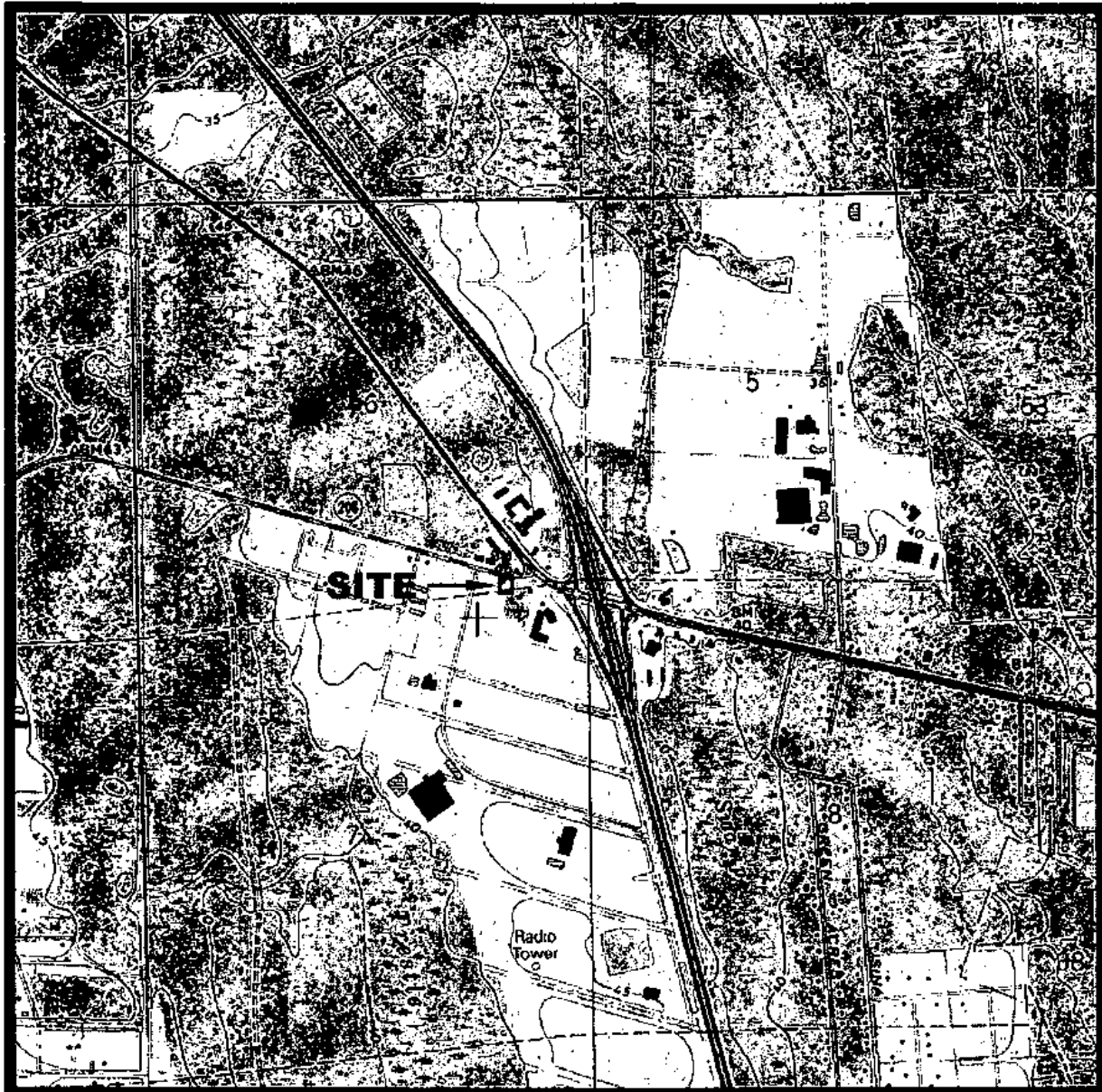
NOTES

- 1 TOC = Top of Casing
- 2 REL = TOC elevations were surveyed by PSI personnel to a relative benchmark
- 3 BTOC = Below TOC
- 4 All measurements are in feet
- 5 Fluid level measurements taken with a Solinst Model 101 water level indicator

FIGURES

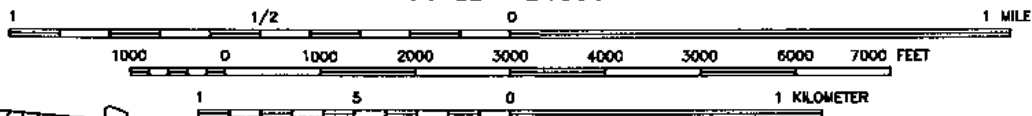
APPROXIMATE SITE LOCATION

NORTH

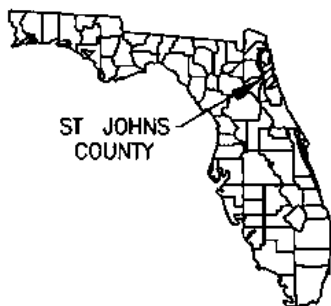


NOTE THIS MAP TAKEN FROM USGS QUADRANGLE MAP

SCALE 1:24000



CONTOUR INTERVAL 5 FEET
NATIONAL GEODETIC VERTICAL DATUM OF 1929



MAP NAME "BAKERSVILLE, FL"
DATE 1989
TOWNSHIP 7 SOUTH
RANGE 29 EAST
SECTION 7

USGS VICINITY MAP

QUALITY INN FACILITY

2445 STATE ROAD 16

ST AUGUSTINE, ST JOHNS COUNTY, FLORIDA

PSI Information
To Build On
Engineering • Consulting • Testing

CHKD BY CMR	DRAWN BY BJB	DATE 12/19/05	SCALE NOTED	REVISION	PROJECT NO 663-1G024	FIGURE NO 1

5631G024F1NEW.dwg



STATE ROAD 16

GRASS

MW-10

UGTL
SEWER
WATER

MW-11

MW-6

UGTL
SEWER
WATER

FENCE

MW-9

Access Road

MW-4

Trees/
Grass

MW-12

MW-8R

MW-5R

Trees/
Grass

MW-7

Trees/
Grass

Sidewalk

TACO BELL
RESTAURANT

DRIVE THROUGH LANE

Paved Asphalt
Parking Lot

Shoney's Restaurant
Paved Asphalt
Parking Lot

RETENTION POND

Grass

LEGEND

- UGTL UNDERGROUND TELEPHONE LINE
- SEWER UNDERGROUND SEWER LINE
- WATER UNDERGROUND WATER LINE

MW-12 MONITORING WELL LOCATION & DESIGNATION

0 40 80
APPROXIMATE SCALE IN FEET

Information
To Build On
Engineering • Consulting • Testing

SITE MAP
FORMER QUALITY INN FACILITY
2445 STATE ROAD 16
ST. AUGUSTINE, ST. JOHNS COUNTY, FLORIDA

CHKD BY JLC DRAWN BY BJB DATE 1/17/03 SCALE NOTED REVISION 04/13/05 PROJECT NO 663-1G024 FIGURE NO 2

6631G024F2.JAN03



STATE ROAD 16

GRASS

MW-10
(97 15)

UGTL
SEWER
WATER

MW-11
(96 60)

MW-6
(97 78)

MW-9
(97 25)

Access Road

97.0

MW-4
(97 47)

MW-12
(97 52)

MW-8R
(97 67)

Trees/
Grass

MW-5R
(98 04)

98.0

MW-7
(98 04)

Trees/
Grass

Sidewalk

TACO BELL
RESTAURANT

DRIVE THROUGH LANE

Trees/
Grass

Paved Asphalt
Parking Lot

Shoney's Restaurant
Paved Asphalt
Parking Lot

RETENTION POND

Grass

LEGEND

- UGTL UNDERGROUND TELEPHONE LINE
- SEWER UNDERGROUND SEWER LINE
- WATER UNDERGROUND WATER LINE
- MW-12 MONITORING WELL LOCATION & DESIGNATION
- GROUNDWATER ELEVATION CONTOUR (DASHED WHERE INFERRED)
- (89 00) RELATIVE GROUNDWATER ELEVATION (IN FEET)
- GROUNDWATER FLOW DIRECTION

0 40 80
APPROXIMATE SCALE IN FEET



GROUNDWATER ELEVATION CONTOUR MAP (12/01/05)

QUALITY INN FACILITY
2445 STATE ROAD 16

ST AUGUSTINE, ST JOHNS COUNTY, FLORIDA

CHKD BY CMR	DRAWN BY BJB	DATE 12/16/05	SCALE NOTED	REVISION 12/19/05	PROJECT NO 663-1G024	FIGURE NO 3

6631G024F3NEW.dwg

APPENDIX B

**Laboratory Analytical Report
and
Chain-of-Custody Documentation**



RECEIVED
DEC 1, 2005

Client #: LCI-05-000016
Address: PSI
1748 33rd St
Orlando, FL 32839
Charity Rychak

Page: Page 1 of 1
Date: 12/12/2005
Log #: L122283-1

Sample Description:

Best Western
Proj # 663-1G024

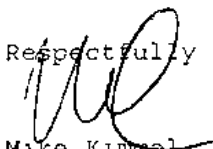
Analytical Report: MW-6
Date Sampled: 12/01/2005
Time Sampled: 10 06
Date Received: 12/02/2005
Collected By: Client

Parameter	Results	Units	Method	MDL	RL	Extr Date	Anly Date	AN
BTEX Compounds								
Benzene	U	ug/l	5030/8021	0.13	1.0	12/09	12/09	SV
Toluene	U	ug/l	5030/8021	1.0	1.0	12/09	12/09	SV
Ethylbenzene	U	ug/l	5030/8021	0.14	1.0	12/09	12/09	SV
Total Xylenes	U	ug/l	5030/8021	1.0	2.0	12/09	12/09	SV
MTBE	U	ug/l	5030/8021	0.35	5.0	12/09	12/09	SV
Dilution Factor	1.0		5030/8021			12/09	12/09	SV
Surrogate Recoveries:								
a,a,a-Trifluorotoluene	70	%	5030/8021		59-144	12/09	12/09	SV

All analyses were performed using EPA, ASTM, NIOSH, USGS or Standard Methods and certified to meet NELAP requirements.
Flags: MDL or below reporting limit, DL-diluted out, IL-meets internal lab limits, MI-matrix interference, NA-not app.
Flags: CFF-FR/1:10:1, ND-non detect (RL estimated), NFL-no free liquids, dw-dry wt, ww-wet wt, CWF-see attachment for details.
FLDER Flags: 1-estimated, 2-succ. fail, 3-no known QC, 4-QC fail, PR or PRPD, 5-matrix, 6-5 improper rid, 7-problem.
FLDER Flags: 1-stands calibration, 2-holding time exceeded, 3-value < MDL, 4-present in blank.
FLDER Flags: 1-improper preservation, 2-colonies exceed range, 3-result between MDL and PCL.

FROM: NELAP 12/12/05
TO: USBiosystems
SUBJECT: LCI-05-000016
ANALYST: CHARITY RYCHAK
METHOD: 5030/8021

Respectfully submitted,


Mike Kimmel
Senior Project Manager

Client #: LCI-05-000016
 Address: PSI
 1748 33rd St
 Orlando, FL 32839
 Charity Rychak

Page: Page 1 of 1
 Date: 12/12/2005
 Log #: L122283-2

Sample Description:

Best Western
 Proj # 663-1G024

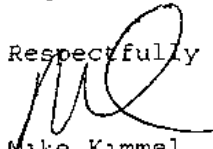
Analytical Report: MW-12

Date Sampled: 12/01/2005
 Time Sampled: 10 38
 Date Received: 12/02/2005
 Collected By: Client

Parameter	Results	Units	Method	MDL	RL	Extr. Date	Anly Date	AN
BTEX Compounds								
Benzene	U	ug/l	5030/8021	0.50	1.0	12/09	12/09	S
Toluene	U	ug/l	5030/8021	0.13	1.0	12/09	12/09	S
Ethylbenzene	U	ug/l	5030/8021	0.14	1.0	12/09	12/09	S
Total Xylenes	U	ug/l	5030/8021	1.0	2.0	12/09	12/09	S
MTBE	U	ug/l	5030/8021	0.35	5.0	12/09	12/09	S
Dilution Factor	1.0		5030/8021			12/09	12/09	S
Surrogate Recoveries:								
a,a,a-Trifluorotoluene	86	%	5030/8021		59-144	12/09	12/09	S

All analyses were performed using EPA, ASTM, NIOSH, USGS, or Standard Methods and certified to meet NELAP requirements.
 Flags: BD - below reporting limit, DL - diluted out, IL - meets internal lab limits, MI - matrix interference, NA - not applicable
 Flags: CFC - POC failure, ND - non detect, RL - estimated, NFL - no free liquid, dw - dry wt, ww - wet wt, L - (see attached USEPA 8060)
 ELDEP Flags: JIR - estimated, 1 - surr fail, 2 - no known QC req, 3 - QC fail, PR - 0.1% RPD, 4 - excess int, 5 - unknown int, 6 - other
 ELDEP Flags: C - exceeds calibration, Q - holding time exceeded, T - value < MDL, V - present in blank
 ELDEP Flags: Y - improper preservation, B - colonies exceed range, J - result between MDL and PQL

FLDOR NELAP# E80240 KS/NELAP# E-10360
 NC CERT# 444 ADEM ID# 40850
 SC CERT# 95011001 TN CERT# 02985
 IL/NELAP CERT# 200924 GA CERT# 917
 VA EP # 00265 USDA Soil Permit# S-35240

Respectfully submitted,

 Mike Kimmel
 Senior Project Manager

Client #: LCI-05-000016
Address: PSI
1748 33rd St
Orlando, FL 32839
Charity Rychak

Page: Page 1 of 1
Date: 12/12/2005
Log #: L122283-3

Sample Description:

Best Western
Proj # 663-1G024

Analytical Report: Trip Blank

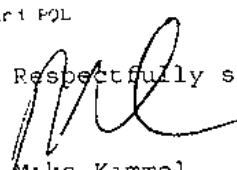
Date Sampled: 12/01/2005
Time Sampled: 00 00
Date Received: 12/02/2005
Collected By: Client

Parameter	Results	Units	Method	MDL	RL	Extr Date	Anly Date	AN
BTEX Compounds								
Benzene	U	ug/l	5030/8021	1 0	1 0	12/09	12/09	SV
Toluene	U	ug/l	5030/8021	0 13	1 0	12/09	12/09	SV
Ethylbenzene	U	ug/l	5030/8021	0 14	1 0	12/09	12/09	SV
Total Xylenes	U	ug/l	5030/8021	1 0	2 0	12/09	12/09	SV
MTBE	U	ug/l	5030/8021	0 35	5 0	12/09	12/09	SV
Dilution Factor	1 0		5030/8021			12/09	12/09	SV
Surrogate Recoveries								
a,a,a-Trifluorotoluene	119	%	5030/8021		59-144	12/09	12/09	SV

All analyses were performed using EPA ASTM, NIOSH USGS, or Standard Methods and certified to meet NELAC requirements
Flags: BDL or U=below reporting limit DL=diluted out. IL=meets internal lab limits MI=matrix interference NA=not appl
Flags: CTR=PCR rule ND=non detect(RL estimated) NFL=no free liquids, dw=dry wt ww=wet wt C(II)=see attached USB code
FLDLP Flags: 1=estimated 1 surr fail 2 no known QC req 3 QC fail 4R or 4RPD 4 matrix inc 5 improper fld protocol
FLLEP Flags: 1=exceeds calibration 2=holding time exceeded 3=value < MDL 4 present in blank
FLDSP Flags: 1=improper preservation 2=colonies exceed range 3=error between MDL and POL

FLA NELAC# EB0240 KS/NELAC# E-10360
NC CERT# 144 ADEM ID# 40650
SC CERT# 06031001 TN CERT# 02985
IL ERLC CERT# 000000 GA CERT# 917
VA CERT# 00385 USDA Soil Permit# S-35240

Respectfully submitted,


Mike Kimmel
Senior Project Manager

Client #: LCI-05-000016
Address: PSI
1748 33rd St
Orlando, FL 32839
Charity Rychak

Page: Page 1 of 1
Date: 12/12/2005
Log #: L122283-4

Sample Description:

L122283-1,2,3
Proj # 663-1G024

Analytical Report: Method Blank

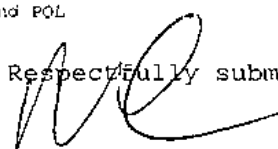
Date Sampled: 12/01/2005
Time Sampled: 00 00
Date Received: 12/02/2005
Collected By: Client

Parameter	Results	Units	Method	MDL	RL	Extr Date	Only Date	AN
BTEX Compounds								
Benzene	U	ug/l	5030/8021	0 13	1 0	12/09	12/09	S
Toluene	U	ug/l	5030/8021	0 13	1 0	12/09	12/09	S
Ethylbenzene	U	ug/l	5030/8021	0 14	1 0	12/09	12/09	S
Total Xylenes	U	ug/l	5030/8021	0 37	2 0	12/09	12/09	S
MTBE	U	ug/l	5030/8021	0 35	5 0	12/09	12/09	S
Dilution Factor	1 0		5030/8021			12/09	12/09	S
Surrogate Recoveries								
a,a,a-Trifluorotoluene	107	%	5030/8021		59-144	12/09	12/09	S

All analyses were performed using EPA, ASTM, NIOSH, USGS, or Standard Methods and certified to meet NELAP requirements.
Flags: BDL or U-below reporting limit DL-diluted out IL-meets internal lab limits MI-matrix interference NA-not appl
Flags: CFC-Pb/Cd rule ND-non detect (RL estimated), NFL-no free liquids dw-dry wt ww-wet wt CMI-see attached USB code
FLDEP Flags: JMI-estimated 1 surr fail 2 no known QC req 3 QC fail &R or &RPD 4 matrix int 5 improper fld protocol
FLDEP Flags: L exceeds calibration Q-holding time exceeded T-value < MDL V-present in blank
FLDEP Flags: Y-improper preservation B-colonies exceed range I-result between MDL and POL

FLD# 1, ELACH 58,340 KS/NELAP# E-10360
N. EPA 944 ADOM ID# 40-50
NC FIRM 0003, 1 IN CERT# 02085
LO/NELAP CLIF# 100028 GA CERT# 017
VA TEST# 0038 USDA Soil Permit# S-35240

Respectfully submitted,


Mike Kimmel
Senior Project Manager

Client #: LCI-05-000016
Address: PSI
1748 33rd St
Orlando, FL 32839
Charity Rychak

Page: Page 1 of 1
Date: 12/12/2005
Log #: L122283-5

Sample Description:

L122283-1,2,3
Proj # 663-1G024

Analytical Report: LCS

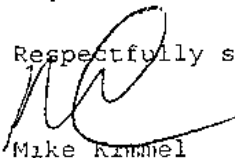
Date Sampled: 12/01/2005
Time Sampled: 00 00
Date Received: 12/02/2005
Collected By: Client

Parameter	Results	Units	Method	MDL	RL	Extr Date	Only Date	AN
BTEX Liquid QC								
Benzene	99	%	5030/8021	0.38	64-123	12/09	12/09	SV
Toluene	108	%	5030/8021	0.450	55-140	12/09	12/09	SV
Ethylbenzene	95	%	5030/8021	0.28	64-131	12/09	12/09	SV
Total Xylenes	95	%	5030/8021	0.63	62-134	12/09	12/09	SV
Dilution Factor	1.0		5030/8021			12/09	12/09	SV
Surrogate Recoveries								
a,a,a-Trifluorotoluene	90	%	5030/8021		59-144	12/09	12/09	SV

All analyses were performed using EPA, ASTM, NIOSH, USGS, or Standard Methods and certified to meet NELAC requirements.
Flags: BDL = Below reporting limit; DL = Diluted out; H = exceeds internal lab limits; M = matrix interference; NA = not applicable;
Flags: CFR = PL/CL rule; ND = non detect (RL estimated); NFL = no free liquids; dw-dry wt = dry weight; Wt = weight; see attached for details.
FLDEF Flags: 1 = estimated; 2 = fail; 3 = no known QC req; 4 = QC fail; 5 = on *RFD; 6 = matrix int; 7 = improper tlc; 8 = partial
FLDEF Flags: L = exceeds calibration; C = holding time exceeded; T = value < MDL; V = present in blank
FLDEF Flags: Y = improper preservation; B = colonies exceed range; 1 = result between MPL and PQL

FLC - NELAC# E9240 KS/NELAC# E-16366
NCI# 014 AGEM ID# 40950
S - 100% 100% TY CERT# 02985
FLA - 100% 100% QA CERT# 917
V - 100% USDA Soil Certified 5-35212

Respectfully submitted,


Mike Kimmel

Senior Project Manager

Client #: LCI-05-000016
Address: PSI
1748 33rd St
Orlando, FL 32839
Charity Rychak

Page: Page 1 of 1
Date: 12/12/2005
Log #: L122283-6

Sample Description:

L122283-1,2,3
Proj # 663-1G024

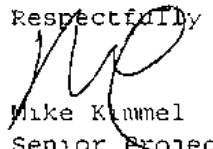
Analytical Report: MW-6MS
Date Sampled: 12/01/2005
Time Sampled: 00 00
Date Received: 12/02/2005
Collected By: Client

Parameter	Results	Units	Method	MDL	RL	Extr Date	Anly Date	AN
BTEX Liquid QC								
Benzene	88	%	5030/8021	0.38	64-123	12/09	12/09	S
Toluene	89	%	5030/8021	0.45	55-140	12/09	12/09	S
Ethylbenzene	106	%	5030/8021	0.280	64-131	12/09	12/09	S
Total Xylenes	121	%	5030/8021	0.630	62-134	12/09	12/09	S
Dilution Factor	1.0		5030/8021			12/09	12/09	S
Surrogate Recoveries:								
a,a,a-Trifluorotoluene	88	%	5030/8021		59-144	12/09	12/09	S

All analyses were performed using EPA, ASTM, NIOSH, USGS or Standard Methods and certified to meet NELAP requirements.
Flags: BDL or U=below reporting limit, DL=diluted out, IL=exceeds internal lab limits, MI=matrix interference, NA=not app.
Flags: Cth Pa/Cu rule, ND=non detect (RL estimated), NFL=no free liquids, dw=dry wt, ww=wet wt, C(%)=see attached USB code
FLDER Flags: 1=estimated, 2=surr. fail, 3=no known QC run, 4=QC fail %R or %RPD, 5=matrix int, 6=improper fld. protocol
FLDER Flags: 7=exceeds calibration, 8=holding time exceeded, 9=value < MDL, V=present in blank
FLDER Flags: Y=proper preservation, B=colonies exceed count, L=result between MDL and PCL

FLDER NELAP E99340 KS/NELAP E-10160
AC CERT# 144 ADEM ID# 40950
B CERT# 00310.1 TN CERT# 02195
IL/NELAP CERT# 200220 GA CERT# 917
VA CERT# 00115 UNDA Sol. Permit# S-35240

Respectfully submitted,


Mike Kimmel
Senior Project Manager

Client #: LCI-05-000016
Address: PSI
1748 33rd St
Orlando, FL 32839
Charity Rychak

Page: Page 1 of 1
Date: 12/12/2005
Log #: L122283-7

Sample Description:

L122283-1,2,3
Proj # 663-1G024

Analytical Report: MW-6MSD
Date Sampled: 12/01/2005
Time Sampled: 00 00
Date Received: 12/02/2005
Collected By: Client

Parameter	Results	Units	Method	MDL	RL	Extr Date	Anly Date	AN
BTEX Liquid QC								
Benzene	76	%	5030/8021	0.38	64-123	12/09	12/09	SV
Toluene	98	%	5030/8021	0.45	55-140	12/09	12/09	SV
Ethylbenzene	98	%	5030/8021	0.28	64-131	12/09	12/09	SV
Total Xylenes	109	%	5030/8021	0.630	62-134	12/09	12/09	S
Dilution Factor	1.0		5030/8021			12/09	12/09	
Surrogate Recoveries								
a,a,a-Trifluorotoluene	119	%	5030/8021		59-144	12/09	12/09	S

All analyses were performed using EPA, ASTM, NIOSH, USCS, or Standard Methods and certified to meet NELAP requirements.
Flags: BDL or U-below reporting limit DL-diluted out IL-meets internal lab limits MI-matrix interference NA-not appl
Flags: CFR-PM/Can rule ND-non detect (RL estimated) NFL-no free liquids dw-dry wt ww-wet wt, C(%) - see attached USB comp
FLDER Flags: 1) estimated 1 surr fail 2 no known QC req 3 QC fail %R or %RPD 4 matrix int 5 improper fld protect
FLDER Flags: 1) exceeds calibration 2) holding time exceeded 3) value < MDL 4) present in blank
FLDER Flags: 1) improper preservation 2) dilutions exceed range 3) result between MDL and P.L.

FLDER/NELAP 04-210 VS/NELAP 04-210
NC CERT# 414 ADEM ID# 40050
SC CERT# 00031011 TN CERT# 02065
IL/NELAP CERT# 200020 GA CERT# 917
VA CERT# 00395 USDA Soil Permit# S-30240

Respectfully submitted,

Mike Kimmel
Senior Project Manager

**Document
Not
Available**

**Facility ID# 559102843
Site Rehabilitation Completion Order
Dated 4/12/06
Received 4/12/06**

**(Document was requested and could not be
obtained from the site's lead agency.)**

**Reviewed by
York STB, Inc.**



1228 Winter Garden Vineland Road
Winter Garden, FL 34787
Tel: 407 287 3200
Fax: 407 287 3201
www.APTIM.com

November 10, 2021

Mr. Robert Martin
Florida Department of Environmental Protection Northeast District
Water & Environmental Resource Permitting
8800 Baymeadows Way West, Suite 100
Jacksonville, Florida 32256

**Re: Notice of Intent to Discharge
Short-Term Discharge Permit for Discharge from Petroleum-Contaminated Site
FDOT District 2 (434615-2-52-01)
FDOT 2 ROW near Former Quality Inn (FAC ID 9102843)
2445 SR 16
St. Augustine, St. Johns County, Florida**

Dear Mr. Martin:

On behalf of the Florida Department of Transportation (FDOT), District Two, please accept this letter as our Notice of Intent (NOI) to discharge treated groundwater pursuant to the Generic Permit for Discharges from Petroleum Contaminated Sites as outlined in the Florida Department of Environmental Protection (FDEP) Rule 62-621.300(1). A copy of the Notice of Intent Form is provided in **Attachment A**.

FDOT is reconstructing the I-95 and State Road 16 (SR 16) interchange in St. Johns County, Florida, including construction of new utility, storm sewer, and other structures in the vicinity of the former Quality Inn. Construction will require dewatering within the road right-of-way where groundwater contamination from the adjacent site has been identified.

Contamination from petroleum fuels are known to be present as a result of groundwater samples collected on October 25, 2021 by Taylor Environmental Consulting, a contractor for St. Johns County Utilities. The laboratory analytical results are provided in Attachment B. The Former Quality Inn site has an assigned FAC ID due to historical and contamination tank registration. The site history includes tank closure, discharge reporting, site assessments, monitoring, and a Site Rehabilitation Completion Order (SRCO) issued in 2006.

APTIM Environmental & Infrastructure, LLC (APTIM), will operate a groundwater treatment system to remove contaminants from groundwater recovered during the dewatering. Monitoring of the treated discharge will be performed in accordance with the requirements of Rule 62-621.300(1). Groundwater recovered during excavation activities will be treated using a combination of physical filtration and liquid phase carbon treatment. The groundwater treatment and discharge will not exceed 30 days in duration. Due to the clay content in the shallow stratigraphy, the project anticipated groundwater recovery flowrate is approximately 50 gallons per minute. However, the

Mr. Robert Martin
November 10, 2021
Page 2

carbon treatment usage was modeled using a 100 gpm flow rate. The discharge is estimated to begin after December 1, 2021. The carbon usage and breakthrough calculations are provided in **Attachment C**. The calculations are based on a 90-day treatment period because the same treatment system will be used to treat groundwater from three separate petroleum-contaminated sites on this corridor. The calculations indicate that even after 90 days, the carbon will not experience breakthrough.

A summary of the NOI form information is also provided below.

1. Permittee
**Florida Department of Transportation District 2
1109 South Marion Avenue
Lake City, Florida 32025
Attn: Emy Delgado, District Construction Contamination Coordinator**
2. Location
**FDOT 2 ROW near Former Quality Inn
2445 State Road 16
St. Augustine, St. Johns County, Florida 32092**
3. Facility and discharge location
See Figure 1 in Attachment D.
4. Receiving water
The receiving water flow is via the MS4 which discharges to Six Mile Creek.

Payment will be made via the FDEP Business portal once the NOIs have been entered. The information being sent via email today (11/10/2021) should complete the submittal. If you have any questions, please call me at (904) 613-8508.

Sincerely,
APTIM Environmental & Infrastructure, LLC

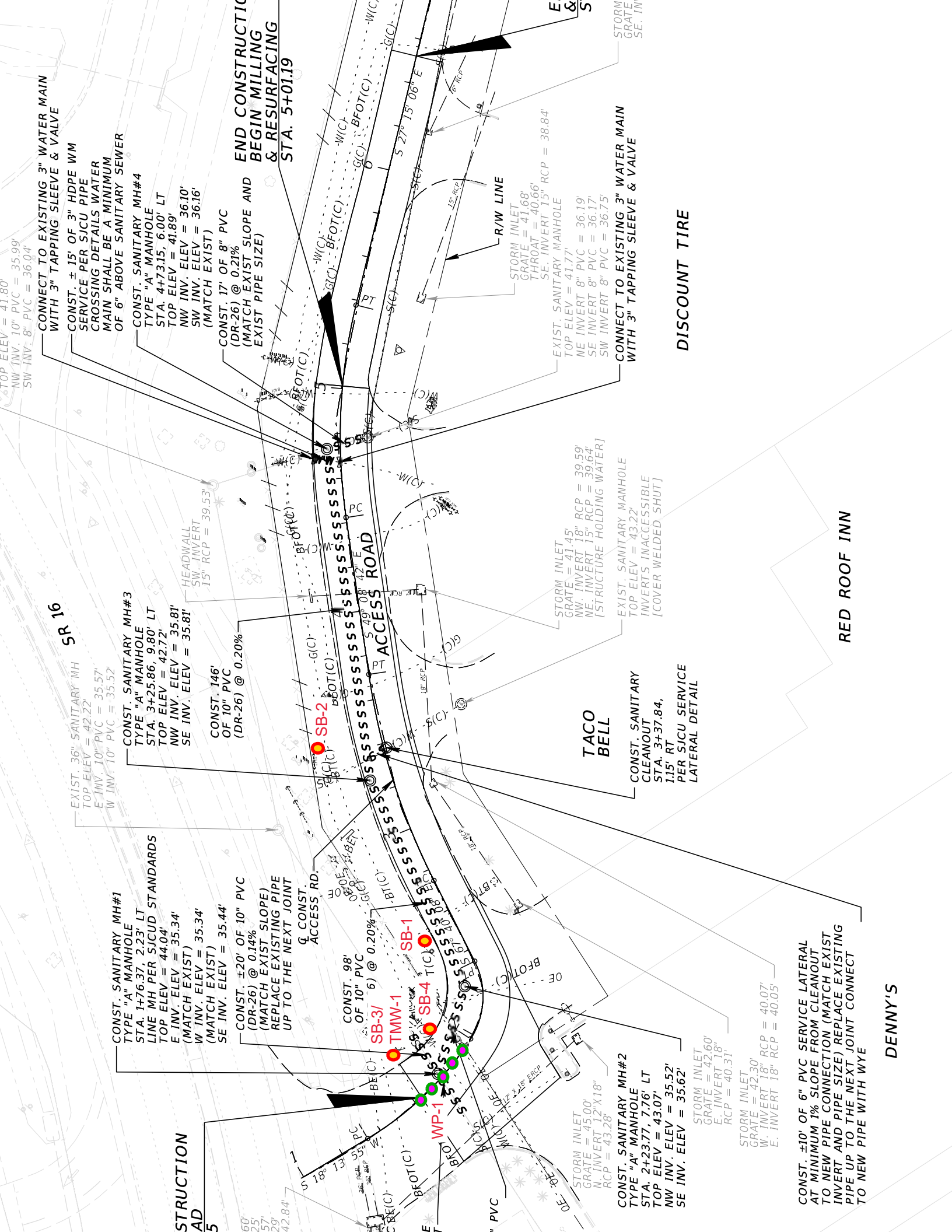
William Mahler
Project Scientist

Attachments

cc: Emy Delgado, FDOT
Greg Dever, APTIM
Project File 631022211

Attachment A
Notice of Intent Form

Attachment B
Groundwater Sample Laboratory Analytical



TOP ELEV. = 41.80'
NW INV. 10" PVC = 35.99'
SW INV. 8" PVC = 36.04'

CONNECT TO EXISTING 3" WATER MAIN
WITH 3" TAPPING SLEEVE & VALVE
CONST. ± 15' OF 3" HDPE WM
SERVICE PER SJCU PIPE
CROSSING DETAILS WATER
MAIN SHALL BE A MINIMUM
OF 6" ABOVE SANITARY SEWER

CONST. SANITARY MH#4
TYPE "A" MANHOLE
STA. 4+73.15, 6.00' LT
TOP ELEV. = 41.89'
NW INV. ELEV. = 36.10'
SW INV. ELEV. = 36.16'
(MATCH EXIST)

END CONSTRUCTION
BEGIN MILLING
& RESURFACING
STA. 5+01.19

CONST. 17' OF 8" PVC
(DR-26) @ 0.21%
(MATCH EXIST SLOPE AND
EXIST PIPE SIZE)

STORM INLET
GRATE = 41.68'
THROAT = 40.66'
SE. INVERT 15" RCP = 38.84'

EXIST. SANITARY MANHOLE
TOP ELEV. = 41.77'
NE INVERT 8" PVC = 36.19'
SE INVERT 8" PVC = 36.17'
SW INVERT 8" PVC = 36.75'

CONNECT TO EXISTING 3" WATER MAIN
WITH 3" TAPPING SLEEVE & VALVE

DISCOUNT TIRE

RED ROOF INN

EXIST. 36" SANITARY MH
TOP ELEV. = 42.22'
E INV. 10" PVC = 35.57'
W INV. 10" PVC = 35.52'

CONST. SANITARY MH#3
TYPE "A" MANHOLE
STA. 3+25.86, 9.80' LT
TOP ELEV. = 42.72'
NW INV. ELEV. = 35.81'
SE INV. ELEV. = 35.81'

CONST. 146'
OF 10" PVC
(DR-26) @ 0.20%

STORM INLET
GRATE = 41.45'
NW. INVERT 18" RCP = 39.59'
NE. INVERT 15" RCP = 39.64'
[STRUCTURE HOLDING WATER]

EXIST. SANITARY MANHOLE
TOP ELEV. = 43.22'
INVERTS INACCESSIBLE
[COVER WELDED SHUT]

TACO BELL

CONST. SANITARY
CLEANOUT
STA. 3+37.84,
115' RT
PER SJCU SERVICE
LATERAL DETAIL

CONST. SANITARY MH#1
TYPE "A" MANHOLE
STA. 1+76.37, 2.23' LT
LINE MH PER SJCU D. STANDARDS
TOP ELEV. = 44.04'
E INV. ELEV. = 35.34'
(MATCH EXIST)
W INV. ELEV. = 35.34'
SE INV. ELEV. = 35.44'

CONST. ± 20' OF 10" PVC
(DR-26) @ 0.14%
(MATCH EXIST SLOPE)
REPLACE EXISTING PIPE
UP TO THE NEXT JOINT

CONST. 98'
OF 10" PVC
(DR-26) @ 0.20%

CONST. 12' OF 10" PVC
(DR-26) @ 0.20%

CONST. 12' OF 10" PVC
(DR-26) @ 0.20%

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CONST. 12' OF 10" PVC
(DR-26) @ 0.20%

TABLE 3A: GROUNDWATER ANALYTICAL SUMMARY - VOCs, TRPHs, Lead and EDB

Facility Name: SW Corner of SR 16 & I-95 (Adjacent to former Quality Inn Motel)
 Address: 2455 SR 16, St. Augustine, FL 32902 (Red Roof Plus (former Quality Inn Motel))
 FDEP Facility ID #: N/A

Sample		Benzene	Toluene	Ethyl- benzene	Total Xylenes	MTBE	Other VOCs	TRPHs	Lead	EDB
Location	Date	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)
GCTL		1	40	30	20	20	---	5,000	15	0.02
NADSC		100	400	300	200	200	---	50,000	150	2.0
WP-1	10/25/2021	0.18 U	0.49 U	0.38 U	1.1 U	0.24 U	*	1,700	3.0 U	0.013 U
TMW-1	10/25/2021	0.18 U	0.49 U	0.38 U	1.1 U	0.24 U	*	600 U	3.0 U	0.013 U

Notes:

MTBE = Methyl Tert Butyl Ether
 VOCs = Volatile Organic Compounds
 TRPHs = Total Recoverable Petroleum Hydrocarbons
 EDB = Ethylene Dibromide / 1,2-Dibromoethane
 µg/L = micrograms per liter
 GCTL = Groundwater Cleanup Target Level specified in Table I of Chapter 62-777, F.A.C.
 NADSC = Natural Attenuation Default Source Concentration specified in Table V of Chapter 62-777, F.A.C.
BOLD = concentration exceeds GCTL
BOLD = concentration exceeds NADSC
 U = Not detected above Method Detection Limit - the value shown is the Method Detection Limit.
 I = Estimated concentration between Method Detection Limit and Practical Quantitation Limit.
 * = All other VOCs were below detection limits (see laboratory report).

TABLE 3B: GROUNDWATER ANALYTICAL SUMMARY - PAHS

Facility Name: SW Corner of SR 16 & I-95 (Adjacent to former Quality Inn Motel)
 Address: 2455 SR 16, St. Augustine, FL 32902 (Red Roof Plus (former Quality Inn Motel)
 FDEP Facility ID #: N/A

Sample	Location	Date	Ace-naphthene	Ace-naphthylene	Anthracene	Benzo (a) anthracene	Benzo (a) pyrene	Benzo (b) fluoranthene	Benzo (g,h,i) perylene	Benzo (k) fluoranthene	Chrysene
			(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)
GCTL			2,100	20	210	0.05	0.2 **	0.05	210	0.5	4.8
NADSC			21,000	200	2,100	5	20	5	2,100	50	480
WP-1		10/25/2021	3.0	0.60	0.25	0.049 U	0.15 U	0.050 U	0.19 U	0.19 U	0.13 U
TMW-1		10/25/2021	0.46	0.17 U	0.14 U	0.24	0.21	0.23	0.23	0.23	0.24

Sample	Location	Date	Dibenz (a,h) anthracene	Fluoranthene	Fluorene	Indeno (1,2,3-cd) pyrene	Naphthalene	1-Methyl-naphthalene	2-Methyl-naphthalene	Phenanthrene	Pyrene
			(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)
GCTL			0.005	280	280	0.05	14	28	28	210	210
NADSC			0.5	2,800	2,800	5	140	280	280	2,100	2,100
WP-1		10/25/2021	0.095 U	0.15 U	3.7	0.045 U	3.3	76	100	4.1	0.14 U
TMW-1		10/25/2021	0.23	0.23	0.37	0.25	0.19 U	0.20 U	0.20 U	0.16 U	0.23

Notes:

µg/L = micrograms per liter

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

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

BOLD = concentration exceeds GCTL

BOLD = concentration exceeds NADSC

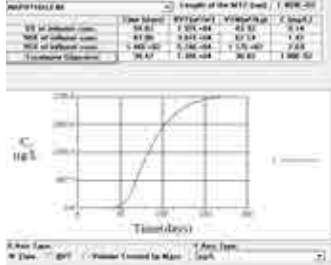
U = Not detected above Method Detection Limit - the value shown is the Method Detection Limit.

I = Estimated concentration between Method Detection Limit and Practical Quantitation Limit.

** = Primary Standard provided in Chapter 62-550 FAC, Drinking Water Standards

Attachment C
Carbon Usage and Breakthrough Calculations



Date: 11/4/2021																											
Customer: APTIM																											
Project Name: SR16 & 195 utility work project # 21152																											
Design Basis																											
Flow Rate:	100																										
Treatment duration (Days) :	60																										
Water Temp:	70 F																										
pH Range:	6-8.5																										
Primary dissolved contaminant(s):	Naphthalene																										
Formazin Turbidity Unit (NTU)	< 30																										
Free Phase or emulsified product	No																										
Equalization and settling tanks - Solids settling / NTU reduction / calm pool (Gravity Treatment)																											
Equipment description	QTY. working volume gal. per unit retention time - minutes																										
21,000 Gallon frac tank	1 14,000 140																										
Polymer Injection :	no																										
Mechanical separation of suspended solids																											
Equipment description	QTY. Micron Sq. Ft. Ea. Total Sq. Ft. Surface area																										
Carbonworks duplex bag filter (2) Type 2 filter bags 6" Inlet and outlet connections	2 10 8.8 17.6																										
Media based treatment of dissolved contaminants - Organics																											
Media description	CTC absorption Cap.(Gal.) Iodine rating																										
Lead Vessel(s) : Granular Activated Carbon	60 900																										
Lag Vessel(s) : Granular Activated Carbon	60 900																										
Media vessel / Absorber size and arrangement																											
Lead vessel(s): GAC	series/parallel Tank Radius (I QTY. Capacity (Cu. Ft) Surface Area (Sq. Ft) Total mass of media ea. (Lbs Hyd. Loading (GPM/ Sq. Ft.)(N EBCT (Min.)																										
Carbonworks LP13-54	series 2 1 54 13 1,500 GAC 7.69 4.0																										
2" inlet and outlet connections																											
Media vessel / Absorber size and arrangement																											
Lag vessel(s): GAC	series/parallel Tank Radius (I QTY. Capacity (Cu. Ft) Surface Area (Sq. Ft) Total mass of media ea. (Lbs Hyd. Loading (GPM/ Sq. Ft.)(N EBCT (Min.)																										
LP20-109	series 2 1 54 13 1,500 GAC 7.69 4.0																										
3" inlet and outlet connections																											
Air stripping																											
See attached performance model	Removal % 0.000%																										
Carbon Absorption Design																											
Critical Compound	Naphthalene.																										
Design compound(s) Influent concentrations * (ppb)	2,835																										
Design Influent concentrations (ppm):	2.79																										
Effluent Criteria ** (ppb):	10																										
EFFECTIVE K-VALUE (%):	30																										
* based on information provided **																											
Consumption rate data																											
Mg/l (ppm)	0.1000																										
gallons/minute	750																										
AA Lbs. /minute	0.20																										
AA Lbs. /hour	12.20																										
AA Lbs. /day	292.70																										
AA Lbs. / per month	8781.00																										
Recommended Carbon Lbs.	3,000																										
Bases for Calculation <table border="1"> <tr><td>TPH (Assumed from Diesel fuel) (Mg/l)</td><td>2.550</td></tr> <tr><td>1-Methylnaphthalene (Mg/l)</td><td>0.115</td></tr> <tr><td>2-methylnaphthalene (Mg/l)</td><td>0.150</td></tr> <tr><td>BAP & PAH (Mg/l)</td><td>0.010</td></tr> <tr><td>Naphthalene (Mg/l)</td><td>0.010</td></tr> <tr><td>Gallons/minute</td><td>100.00</td></tr> <tr><td>Minute</td><td>0.029</td></tr> <tr><td>Hour</td><td>1.71</td></tr> <tr><td>Day</td><td>41.10</td></tr> <tr><td>30 day month</td><td>1233.01</td></tr> <tr><td>Gallon per month</td><td>4,320,000</td></tr> <tr><td>Gallons per day</td><td>144,000</td></tr> <tr><td>Gallons per hour</td><td>6,000</td></tr> </table>		TPH (Assumed from Diesel fuel) (Mg/l)	2.550	1-Methylnaphthalene (Mg/l)	0.115	2-methylnaphthalene (Mg/l)	0.150	BAP & PAH (Mg/l)	0.010	Naphthalene (Mg/l)	0.010	Gallons/minute	100.00	Minute	0.029	Hour	1.71	Day	41.10	30 day month	1233.01	Gallon per month	4,320,000	Gallons per day	144,000	Gallons per hour	6,000
TPH (Assumed from Diesel fuel) (Mg/l)	2.550																										
1-Methylnaphthalene (Mg/l)	0.115																										
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Hour	1.71																										
Day	41.10																										
30 day month	1233.01																										
Gallon per month	4,320,000																										
Gallons per day	144,000																										
Gallons per hour	6,000																										
Model notes: System is designed with (2) 1500 Lb. GAC adsorbers in series. Isotherm is for single 1500 Lb. adsorber @ 100 GPM with a treatment objective of 10 Ug/L. 																											

Attachment D
Site and Discharge Location Figure

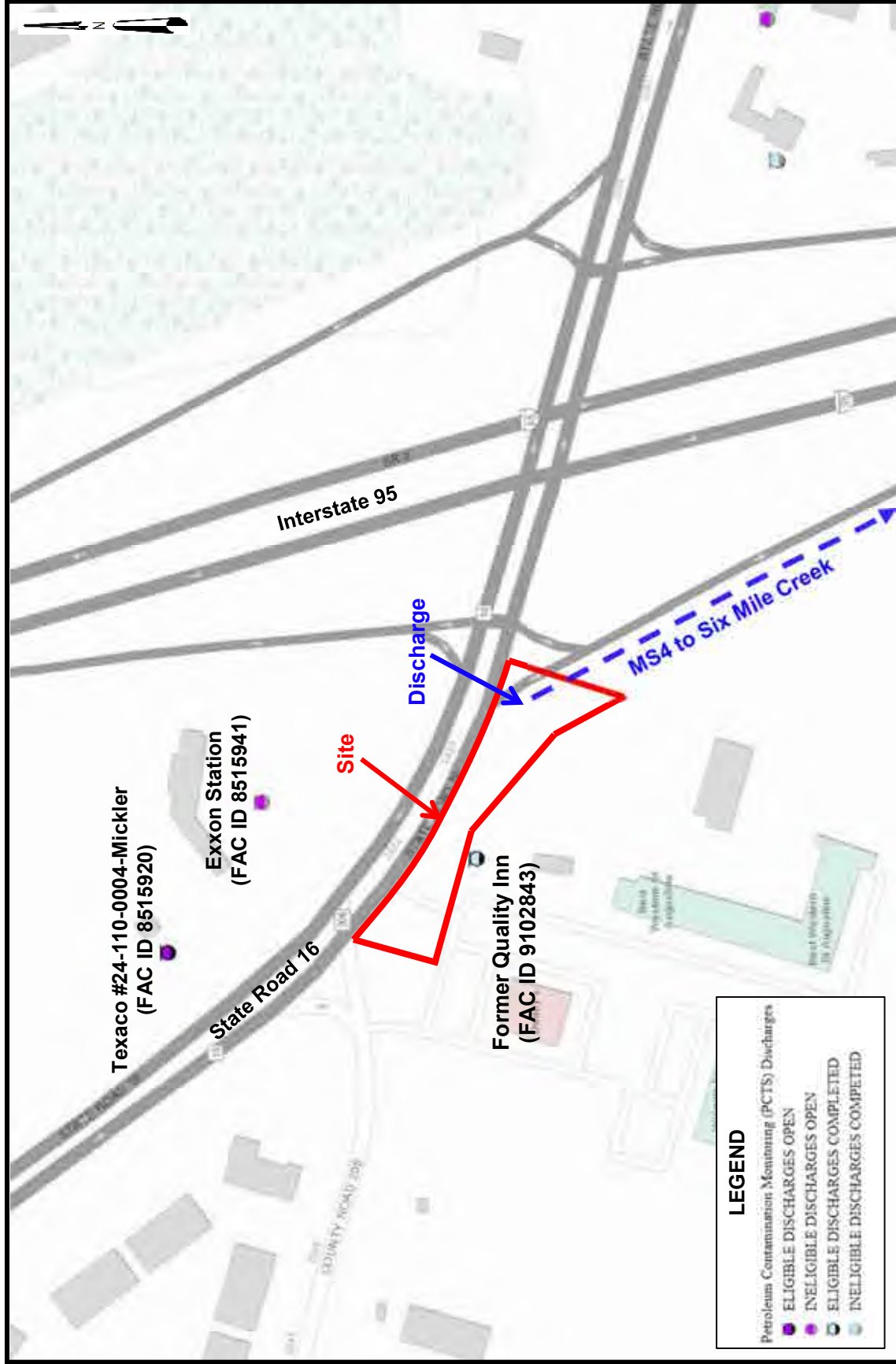


Figure 1	FDOT 2 ROW near Former Quality Inn (2445 SR 16, FAC ID 9102843) Treated Discharge Flow Paths St. Augustine, St. Johns County, Florida	Project No.: 631022211 Date: 11/09/2021 Base Map: FDEP Map Direct

SITE 19 – Former Suspected Agriculture Areas (ROW Only)

No assessment information available

Proposed Pond Site 1A

No assessment information available

Proposed Pond Site 1B

No assessment information available

Proposed Pond Site 4B

No assessment information available

Preferred Pond Site 4C

No assessment information available

Proposed Pond Site 5B

No assessment information available

APPENDIX E

CUSTOM SOIL RESOURCE REPORT FOR ST. JOHNS COUNTY, FLORIDA



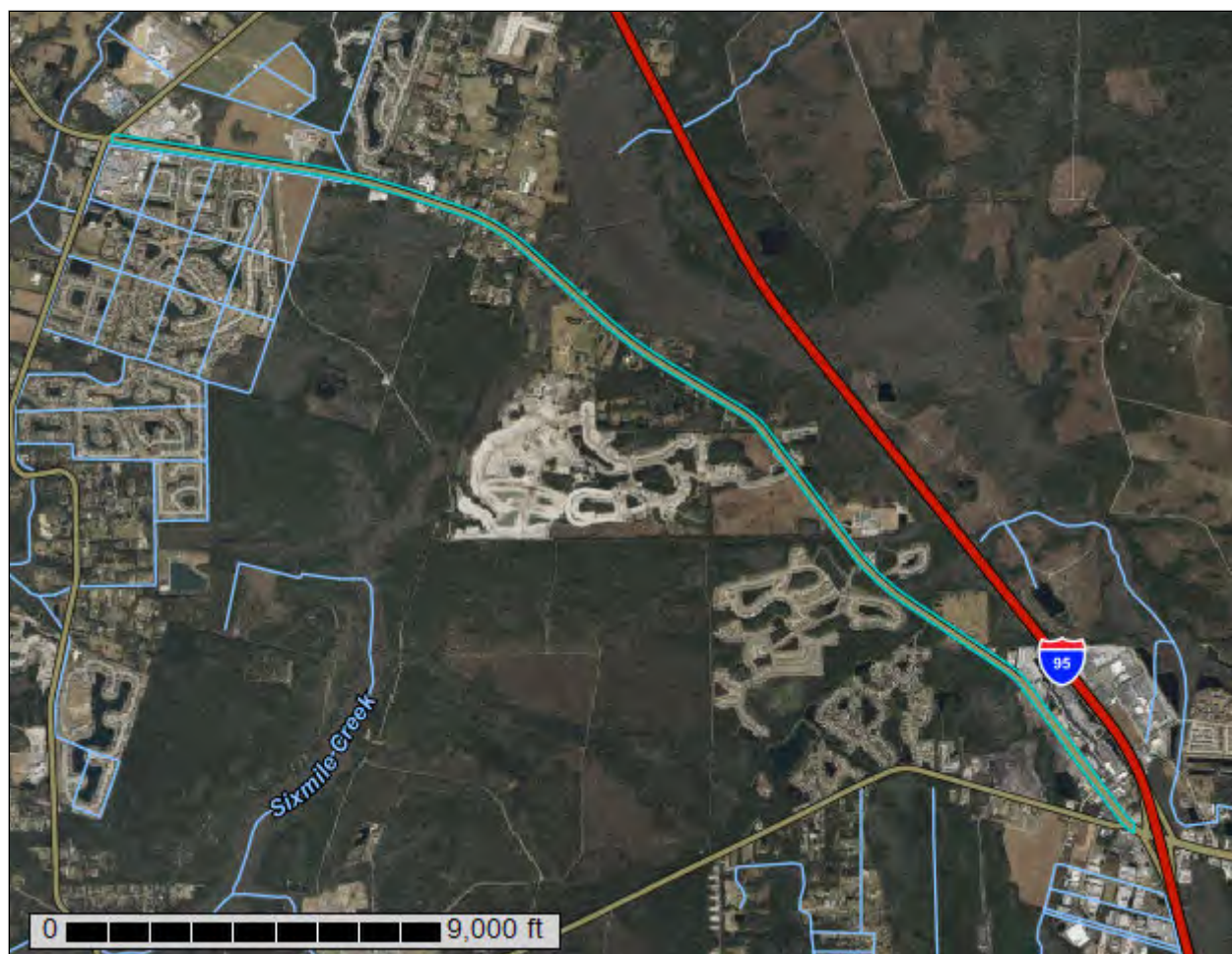
United States
Department of
Agriculture

NRCS

Natural
Resources
Conservation
Service

A product of the National
Cooperative Soil Survey,
a joint effort of the United
States Department of
Agriculture and other
Federal agencies, State
agencies including the
Agricultural Experiment
Stations, and local
participants

Custom Soil Resource Report for **St. Johns County, Florida**



May 23, 2024

Preface

Soil surveys contain information that affects land use planning in survey areas. They highlight soil limitations that affect various land uses and provide information about the properties of the soils in the survey areas. Soil surveys are designed for many different users, including farmers, ranchers, foresters, agronomists, urban planners, community officials, engineers, developers, builders, and home buyers. Also, conservationists, teachers, students, and specialists in recreation, waste disposal, and pollution control can use the surveys to help them understand, protect, or enhance the environment.

Various land use regulations of Federal, State, and local governments may impose special restrictions on land use or land treatment. Soil surveys identify soil properties that are used in making various land use or land treatment decisions. The information is intended to help the land users identify and reduce the effects of soil limitations on various land uses. The landowner or user is responsible for identifying and complying with existing laws and regulations.

Although soil survey information can be used for general farm, local, and wider area planning, onsite investigation is needed to supplement this information in some cases. Examples include soil quality assessments (<http://www.nrcs.usda.gov/wps/portal/nrcs/main/soils/health/>) and certain conservation and engineering applications. For more detailed information, contact your local USDA Service Center (<https://offices.sc.egov.usda.gov/locator/app?agency=nrcs>) or your NRCS State Soil Scientist (http://www.nrcs.usda.gov/wps/portal/nrcs/detail/soils/contactus/?cid=nrcs142p2_053951).

Great differences in soil properties can occur within short distances. Some soils are seasonally wet or subject to flooding. Some are too unstable to be used as a foundation for buildings or roads. Clayey or wet soils are poorly suited to use as septic tank absorption fields. A high water table makes a soil poorly suited to basements or underground installations.

The National Cooperative Soil Survey is a joint effort of the United States Department of Agriculture and other Federal agencies, State agencies including the Agricultural Experiment Stations, and local agencies. The Natural Resources Conservation Service (NRCS) has leadership for the Federal part of the National Cooperative Soil Survey.

Information about soils is updated periodically. Updated information is available through the NRCS Web Soil Survey, the site for official soil survey information.

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Contents

Preface	2
How Soil Surveys Are Made	5
Soil Map	8
Soil Map.....	9
Legend.....	10
Map Unit Legend.....	11
Map Unit Descriptions.....	11
St. Johns County, Florida.....	14
3—Myakka-Myakka, wet, fine sands, 0 to 2 percent slopes.....	14
9—Pomona fine sand.....	16
11—Smyrna-Smyrna, wet, fine sand, 0 to 2 percent slopes.....	19
12—Ona-Ona, wet, fine sand, 0 to 2 percent slopes.....	22
13—St. Johns fine sand.....	24
18—Floridana fine sand, 0 to 2 percent slopes, frequently flooded.....	27
30—Wesconnett fine sand, frequently flooded.....	28
34—Tocoi fine sand.....	30
40—Pottsburg fine sand.....	33
41—Tomoka muck, frequently ponded, 0 to 1 percent slopes.....	35
44—Sparr fine sand, 0 to 5 percent slopes.....	38
46—Holopaw fine sand.....	40
47—Holopaw fine sand, frequently flooded.....	42
48—Winder fine sand, frequently flooded.....	44
51—St. Augustine-Urban land complex.....	46
58—EauGallie fine sand.....	48
62—Floridana fine sand, 0 to 2 percent slopes.....	50
63—Placid fine sand.....	52
65—Riviera fine sand.....	54
69—Bakersville muck.....	57
References	59

How Soil Surveys Are Made

Soil surveys are made to provide information about the soils and miscellaneous areas in a specific area. They include a description of the soils and miscellaneous areas and their location on the landscape and tables that show soil properties and limitations affecting various uses. Soil scientists observed the steepness, length, and shape of the slopes; the general pattern of drainage; the kinds of crops and native plants; and the kinds of bedrock. They observed and described many soil profiles. A soil profile is the sequence of natural layers, or horizons, in a soil. The profile extends from the surface down into the unconsolidated material in which the soil formed or from the surface down to bedrock. The unconsolidated material is devoid of roots and other living organisms and has not been changed by other biological activity.

Currently, soils are mapped according to the boundaries of major land resource areas (MLRAs). MLRAs are geographically associated land resource units that share common characteristics related to physiography, geology, climate, water resources, soils, biological resources, and land uses (USDA, 2006). Soil survey areas typically consist of parts of one or more MLRA.

The soils and miscellaneous areas in a survey area occur in an orderly pattern that is related to the geology, landforms, relief, climate, and natural vegetation of the area. Each kind of soil and miscellaneous area is associated with a particular kind of landform or with a segment of the landform. By observing the soils and miscellaneous areas in the survey area and relating their position to specific segments of the landform, a soil scientist develops a concept, or model, of how they were formed. Thus, during mapping, this model enables the soil scientist to predict with a considerable degree of accuracy the kind of soil or miscellaneous area at a specific location on the landscape.

Commonly, individual soils on the landscape merge into one another as their characteristics gradually change. To construct an accurate soil map, however, soil scientists must determine the boundaries between the soils. They can observe only a limited number of soil profiles. Nevertheless, these observations, supplemented by an understanding of the soil-vegetation-landscape relationship, are sufficient to verify predictions of the kinds of soil in an area and to determine the boundaries.

Soil scientists recorded the characteristics of the soil profiles that they studied. They noted soil color, texture, size and shape of soil aggregates, kind and amount of rock fragments, distribution of plant roots, reaction, and other features that enable them to identify soils. After describing the soils in the survey area and determining their properties, the soil scientists assigned the soils to taxonomic classes (units). Taxonomic classes are concepts. Each taxonomic class has a set of soil characteristics with precisely defined limits. The classes are used as a basis for comparison to classify soils systematically. Soil taxonomy, the system of taxonomic classification used in the United States, is based mainly on the kind and character of soil properties and the arrangement of horizons within the profile. After the soil

scientists classified and named the soils in the survey area, they compared the individual soils with similar soils in the same taxonomic class in other areas so that they could confirm data and assemble additional data based on experience and research.

The objective of soil mapping is not to delineate pure map unit components; the objective is to separate the landscape into landforms or landform segments that have similar use and management requirements. Each map unit is defined by a unique combination of soil components and/or miscellaneous areas in predictable proportions. Some components may be highly contrasting to the other components of the map unit. The presence of minor components in a map unit in no way diminishes the usefulness or accuracy of the data. The delineation of such landforms and landform segments on the map provides sufficient information for the development of resource plans. If intensive use of small areas is planned, onsite investigation is needed to define and locate the soils and miscellaneous areas.

Soil scientists make many field observations in the process of producing a soil map. The frequency of observation is dependent upon several factors, including scale of mapping, intensity of mapping, design of map units, complexity of the landscape, and experience of the soil scientist. Observations are made to test and refine the soil-landscape model and predictions and to verify the classification of the soils at specific locations. Once the soil-landscape model is refined, a significantly smaller number of measurements of individual soil properties are made and recorded. These measurements may include field measurements, such as those for color, depth to bedrock, and texture, and laboratory measurements, such as those for content of sand, silt, clay, salt, and other components. Properties of each soil typically vary from one point to another across the landscape.

Observations for map unit components are aggregated to develop ranges of characteristics for the components. The aggregated values are presented. Direct measurements do not exist for every property presented for every map unit component. Values for some properties are estimated from combinations of other properties.

While a soil survey is in progress, samples of some of the soils in the area generally are collected for laboratory analyses and for engineering tests. Soil scientists interpret the data from these analyses and tests as well as the field-observed characteristics and the soil properties to determine the expected behavior of the soils under different uses. Interpretations for all of the soils are field tested through observation of the soils in different uses and under different levels of management. Some interpretations are modified to fit local conditions, and some new interpretations are developed to meet local needs. Data are assembled from other sources, such as research information, production records, and field experience of specialists. For example, data on crop yields under defined levels of management are assembled from farm records and from field or plot experiments on the same kinds of soil.

Predictions about soil behavior are based not only on soil properties but also on such variables as climate and biological activity. Soil conditions are predictable over long periods of time, but they are not predictable from year to year. For example, soil scientists can predict with a fairly high degree of accuracy that a given soil will have a high water table within certain depths in most years, but they cannot predict that a high water table will always be at a specific level in the soil on a specific date.

After soil scientists located and identified the significant natural bodies of soil in the survey area, they drew the boundaries of these bodies on aerial photographs and

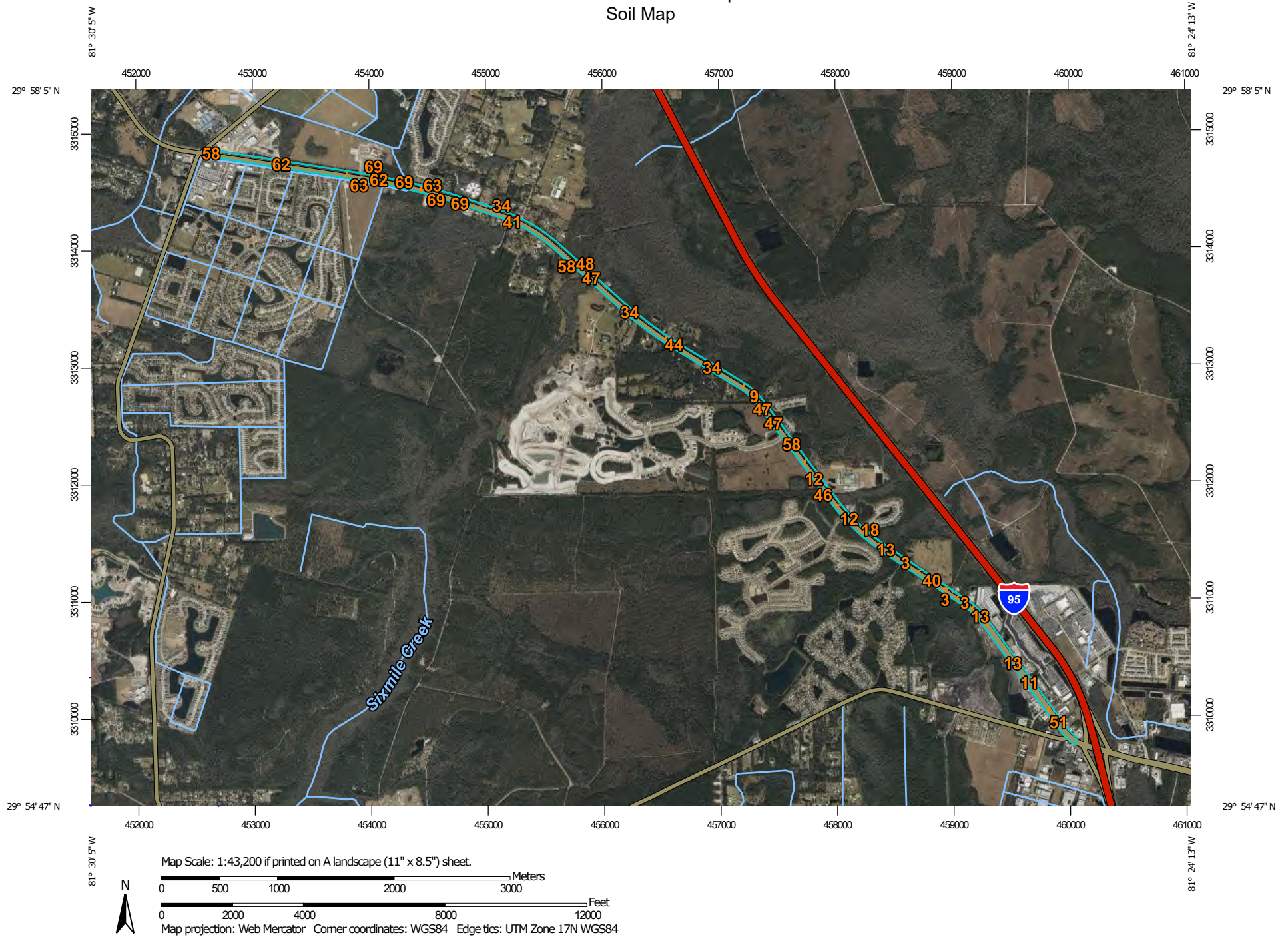
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identified each as a specific map unit. Aerial photographs show trees, buildings, fields, roads, and rivers, all of which help in locating boundaries accurately.

Soil Map

The soil map section includes the soil map for the defined area of interest, a list of soil map units on the map and extent of each map unit, and cartographic symbols displayed on the map. Also presented are various metadata about data used to produce the map, and a description of each soil map unit.

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MAP LEGEND

Area of Interest (AOI)

 Area of Interest (AOI)

Soils

 Soil Map Unit Polygons

 Soil Map Unit Lines

 Soil Map Unit Points

Special Point Features

 Blowout

 Borrow Pit

 Clay Spot

 Closed Depression

 Gravel Pit

 Gravelly Spot

 Landfill

 Lava Flow

 Marsh or swamp

 Mine or Quarry

 Miscellaneous Water

 Perennial Water

 Rock Outcrop

 Saline Spot

 Sandy Spot

 Severely Eroded Spot

 Sinkhole

 Slide or Slip

 Sodic Spot

 Spoil Area

 Stony Spot

 Very Stony Spot

 Wet Spot

 Other

 Special Line Features

Water Features

 Streams and Canals

Transportation

 Rails

 Interstate Highways

 US Routes

 Major Roads

 Local Roads

Background

 Aerial Photography

MAP INFORMATION

The soil surveys that comprise your AOI were mapped at 1:20,000.

Please rely on the bar scale on each map sheet for map measurements.

Source of Map: Natural Resources Conservation Service

Web Soil Survey URL:

Coordinate System: Web Mercator (EPSG:3857)

Maps from the Web Soil Survey are based on the Web Mercator projection, which preserves direction and shape but distorts distance and area. A projection that preserves area, such as the Albers equal-area conic projection, should be used if more accurate calculations of distance or area are required.

This product is generated from the USDA-NRCS certified data as of the version date(s) listed below.

Soil Survey Area: St. Johns County, Florida

Survey Area Data: Version 22, Sep 1, 2023

Soil map units are labeled (as space allows) for map scales 1:50,000 or larger.

Date(s) aerial images were photographed: Jan 6, 2022—Feb 10, 2022

The orthophoto or other base map on which the soil lines were compiled and digitized probably differs from the background imagery displayed on these maps. As a result, some minor shifting of map unit boundaries may be evident.

Map Unit Legend

Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
3	Myakka-Myakka, wet, fine sands, 0 to 2 percent slopes	6.6	4.7%
9	Pomona fine sand	3.9	2.7%
11	Smyrna-Smyrna, wet, fine sand, 0 to 2 percent slopes	12.8	9.1%
12	Ona-Ona, wet, fine sand, 0 to 2 percent slopes	4.8	3.4%
13	St. Johns fine sand	5.9	4.1%
18	Floridana fine sand, 0 to 2 percent slopes, frequently flooded	2.7	1.9%
30	Wesconnett fine sand, frequently flooded	0.1	0.1%
34	Tocoi fine sand	42.7	30.1%
40	Pottsburg fine sand	5.7	4.0%
41	Tomoka muck, frequently ponded, 0 to 1 percent slopes	0.0	0.0%
44	Sparr fine sand, 0 to 5 percent slopes	2.9	2.0%
46	Holopaw fine sand	9.1	6.4%
47	Holopaw fine sand, frequently flooded	1.9	1.4%
48	Winder fine sand, frequently flooded	0.7	0.5%
51	St. Augustine-Urban land complex	5.4	3.8%
58	EauGallie fine sand	9.7	6.8%
62	Floridana fine sand, 0 to 2 percent slopes	18.5	13.1%
63	Placid fine sand	3.4	2.4%
65	Riviera fine sand	4.6	3.3%
69	Bakersville muck	0.2	0.2%
Totals for Area of Interest		141.5	100.0%

Map Unit Descriptions

The map units delineated on the detailed soil maps in a soil survey represent the soils or miscellaneous areas in the survey area. The map unit descriptions, along with the maps, can be used to determine the composition and properties of a unit.

A map unit delineation on a soil map represents an area dominated by one or more major kinds of soil or miscellaneous areas. A map unit is identified and named according to the taxonomic classification of the dominant soils. Within a taxonomic class there are precisely defined limits for the properties of the soils. On the landscape, however, the soils are natural phenomena, and they have the characteristic variability of all natural phenomena. Thus, the range of some observed properties may extend beyond the limits defined for a taxonomic class. Areas of soils of a single taxonomic class rarely, if ever, can be mapped without including areas of other taxonomic classes. Consequently, every map unit is made up of the soils or miscellaneous areas for which it is named and some minor components that belong to taxonomic classes other than those of the major soils.

Most minor soils have properties similar to those of the dominant soil or soils in the map unit, and thus they do not affect use and management. These are called noncontrasting, or similar, components. They may or may not be mentioned in a particular map unit description. Other minor components, however, have properties and behavioral characteristics divergent enough to affect use or to require different management. These are called contrasting, or dissimilar, components. They generally are in small areas and could not be mapped separately because of the scale used. Some small areas of strongly contrasting soils or miscellaneous areas are identified by a special symbol on the maps. If included in the database for a given area, the contrasting minor components are identified in the map unit descriptions along with some characteristics of each. A few areas of minor components may not have been observed, and consequently they are not mentioned in the descriptions, especially where the pattern was so complex that it was impractical to make enough observations to identify all the soils and miscellaneous areas on the landscape.

The presence of minor components in a map unit in no way diminishes the usefulness or accuracy of the data. The objective of mapping is not to delineate pure taxonomic classes but rather to separate the landscape into landforms or landform segments that have similar use and management requirements. The delineation of such segments on the map provides sufficient information for the development of resource plans. If intensive use of small areas is planned, however, onsite investigation is needed to define and locate the soils and miscellaneous areas.

An identifying symbol precedes the map unit name in the map unit descriptions. Each description includes general facts about the unit and gives important soil properties and qualities.

Soils that have profiles that are almost alike make up a *soil series*. Except for differences in texture of the surface layer, all the soils of a series have major horizons that are similar in composition, thickness, and arrangement.

Soils of one series can differ in texture of the surface layer, slope, stoniness, salinity, degree of erosion, and other characteristics that affect their use. On the basis of such differences, a soil series is divided into *soil phases*. Most of the areas shown on the detailed soil maps are phases of soil series. The name of a soil phase commonly indicates a feature that affects use or management. For example, Alpha silt loam, 0 to 2 percent slopes, is a phase of the Alpha series.

Some map units are made up of two or more major soils or miscellaneous areas. These map units are complexes, associations, or undifferentiated groups.

A *complex* consists of two or more soils or miscellaneous areas in such an intricate pattern or in such small areas that they cannot be shown separately on the maps.

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The pattern and proportion of the soils or miscellaneous areas are somewhat similar in all areas. Alpha-Beta complex, 0 to 6 percent slopes, is an example.

An *association* is made up of two or more geographically associated soils or miscellaneous areas that are shown as one unit on the maps. Because of present or anticipated uses of the map units in the survey area, it was not considered practical or necessary to map the soils or miscellaneous areas separately. The pattern and relative proportion of the soils or miscellaneous areas are somewhat similar. Alpha-Beta association, 0 to 2 percent slopes, is an example.

An *undifferentiated group* is made up of two or more soils or miscellaneous areas that could be mapped individually but are mapped as one unit because similar interpretations can be made for use and management. The pattern and proportion of the soils or miscellaneous areas in a mapped area are not uniform. An area can be made up of only one of the major soils or miscellaneous areas, or it can be made up of all of them. Alpha and Beta soils, 0 to 2 percent slopes, is an example.

Some surveys include *miscellaneous areas*. Such areas have little or no soil material and support little or no vegetation. Rock outcrop is an example.

St. Johns County, Florida

3—Myakka-Myakka, wet, fine sands, 0 to 2 percent slopes

Map Unit Setting

National map unit symbol: 2tw7

Elevation: 0 to 160 feet

Mean annual precipitation: 38 to 68 inches

Mean annual air temperature: 68 to 77 degrees F

Frost-free period: 310 to 365 days

Farmland classification: Not prime farmland

Map Unit Composition

Myakka and similar soils: 70 percent

Myakka, wet, and similar soils: 15 percent

Minor components: 15 percent

Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Myakka

Setting

Landform: Flatwoods on marine terraces

Landform position (three-dimensional): Tread, talf

Down-slope shape: Convex

Across-slope shape: Linear

Parent material: Sandy marine deposits

Typical profile

A - 0 to 6 inches: fine sand

E - 6 to 20 inches: fine sand

Bh - 20 to 36 inches: fine sand

C - 36 to 80 inches: fine sand

Properties and qualities

Slope: 0 to 2 percent

Depth to restrictive feature: More than 80 inches

Drainage class: Poorly drained

Runoff class: Very high

Capacity of the most limiting layer to transmit water (Ksat): Moderately high to high
(0.57 to 5.95 in/hr)

Depth to water table: About 6 to 18 inches

Frequency of flooding: None

Frequency of ponding: None

Maximum salinity: Nonsaline to very slightly saline (0.0 to 2.0 mmhos/cm)

Sodium adsorption ratio, maximum: 4.0

Available water supply, 0 to 60 inches: Low (about 3.9 inches)

Interpretive groups

Land capability classification (irrigated): None specified

Land capability classification (nonirrigated): 4w

Hydrologic Soil Group: A/D

Ecological site: F155XY120FL - Sandy Flatwoods and Hammocks

Forage suitability group: Sandy soils on flats of mesic or hydric lowlands
(G155XB141FL)

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Other vegetative classification: South Florida Flatwoods (R155XY003FL), Sandy soils on flats of mesic or hydric lowlands (G155XB141FL)
Hydric soil rating: No

Description of Myakka, Wet

Setting

Landform: Flatwoods on marine terraces
Landform position (three-dimensional): Tread, talf
Down-slope shape: Convex
Across-slope shape: Linear
Parent material: Sandy marine deposits

Typical profile

A - 0 to 6 inches: fine sand
E - 6 to 20 inches: fine sand
Bh - 20 to 36 inches: fine sand
C - 36 to 80 inches: fine sand

Properties and qualities

Slope: 0 to 2 percent
Depth to restrictive feature: More than 80 inches
Drainage class: Poorly drained
Runoff class: Very high
Capacity of the most limiting layer to transmit water (Ksat): Moderately high to high (0.57 to 5.95 in/hr)
Depth to water table: About 3 to 18 inches
Frequency of flooding: None
Frequency of ponding: None
Maximum salinity: Nonsaline to very slightly saline (0.0 to 2.0 mmhos/cm)
Sodium adsorption ratio, maximum: 4.0
Available water supply, 0 to 60 inches: Low (about 3.9 inches)

Interpretive groups

Land capability classification (irrigated): None specified
Land capability classification (nonirrigated): 4w
Hydrologic Soil Group: A/D
Ecological site: F155XY120FL - Sandy Flatwoods and Hammocks
Forage suitability group: Sandy soils on flats of mesic or hydric lowlands (G155XB141FL)
Other vegetative classification: South Florida Flatwoods (R155XY003FL), Sandy soils on flats of mesic or hydric lowlands (G155XB141FL)
Hydric soil rating: Yes

Minor Components

Eaugallie

Percent of map unit: 5 percent
Landform: — error in exists on —
Landform position (three-dimensional): Tread, talf
Down-slope shape: Convex
Across-slope shape: Linear
Ecological site: F155XY120FL - Sandy Flatwoods and Hammocks
Other vegetative classification: South Florida Flatwoods (R155XY003FL), Sandy soils on flats of mesic or hydric lowlands (G155XB141FL)
Hydric soil rating: No

Placid

Percent of map unit: 5 percent

Landform: Drainageways on marine terraces, depressions on marine terraces

Landform position (three-dimensional): Tread, dip

Down-slope shape: Concave

Across-slope shape: Concave

Ecological site: R155XY070FL - Sandy Freshwater Isolated Marshes and Swamps

Other vegetative classification: Freshwater Marshes and Ponds (R155XY010FL),
Sandy soils on stream terraces, flood plains, or in depressions
(G155XB145FL)

Hydric soil rating: Yes

Basinger

Percent of map unit: 5 percent

Landform: Flats on marine terraces, drainageways on marine terraces

Landform position (three-dimensional): Tread, talf, dip

Down-slope shape: Convex, concave

Across-slope shape: Linear, concave

Ecological site: F155XY120FL - Sandy Flatwoods and Hammocks

Other vegetative classification: Slough (R155XY011FL), Sandy soils on flats of
mesic or hydric lowlands (G155XB141FL)

Hydric soil rating: Yes

9—Pomona fine sand

Map Unit Setting

National map unit symbol: 1hqkg

Elevation: 10 to 150 feet

Mean annual precipitation: 49 to 57 inches

Mean annual air temperature: 66 to 73 degrees F

Frost-free period: 282 to 312 days

Farmland classification: Farmland of unique importance

Map Unit Composition

Pomona, nonhydric, and similar soils: 70 percent

Pomona, hydric, and similar soils: 20 percent

Minor components: 10 percent

Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Pomona, Nonhydric

Setting

Landform: Flatwoods on marine terraces

Landform position (three-dimensional): Talf

Down-slope shape: Convex

Across-slope shape: Linear

Parent material: Sandy and loamy marine deposits

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Typical profile

A - 0 to 6 inches: fine sand
E - 6 to 21 inches: fine sand
Bh - 21 to 31 inches: fine sand
E' - 31 to 47 inches: fine sand
Btg - 47 to 63 inches: fine sandy loam
C - 63 to 80 inches: fine sand

Properties and qualities

Slope: 0 to 2 percent
Depth to restrictive feature: More than 80 inches
Drainage class: Poorly drained
Runoff class: Very low
Capacity of the most limiting layer to transmit water (Ksat): Moderately high to high (0.20 to 1.98 in/hr)
Depth to water table: About 6 to 18 inches
Frequency of flooding: None
Frequency of ponding: None
Maximum salinity: Nonsaline to very slightly saline (0.0 to 2.0 mmhos/cm)
Sodium adsorption ratio, maximum: 4.0
Available water supply, 0 to 60 inches: Low (about 5.6 inches)

Interpretive groups

Land capability classification (irrigated): None specified
Land capability classification (nonirrigated): 4w
Hydrologic Soil Group: B/D
Ecological site: F155XY120FL - Sandy Flatwoods and Hammocks
Forage suitability group: Sandy soils on flats of mesic or hydric lowlands (G155XB141FL)
Other vegetative classification: Sandy soils on flats of mesic or hydric lowlands (G155XB141FL)
Hydric soil rating: No

Description of Pomona, Hydric

Setting

Landform: Flats on marine terraces
Landform position (three-dimensional): Talf
Down-slope shape: Linear
Across-slope shape: Linear
Parent material: Sandy and loamy marine deposits

Typical profile

A - 0 to 6 inches: fine sand
E - 6 to 21 inches: fine sand
Bh - 21 to 31 inches: fine sand
E' - 31 to 47 inches: fine sand
Btg - 47 to 63 inches: fine sandy loam
C - 63 to 80 inches: fine sand

Properties and qualities

Slope: 0 to 2 percent
Depth to restrictive feature: More than 80 inches
Drainage class: Poorly drained
Runoff class: Very low

Custom Soil Resource Report

Capacity of the most limiting layer to transmit water (Ksat): Moderately high to high
(0.20 to 1.98 in/hr)

Depth to water table: About 0 to 12 inches

Frequency of flooding: None

Frequency of ponding: None

Maximum salinity: Nonsaline to very slightly saline (0.0 to 2.0 mmhos/cm)

Sodium adsorption ratio, maximum: 4.0

Available water supply, 0 to 60 inches: Low (about 5.6 inches)

Interpretive groups

Land capability classification (irrigated): None specified

Land capability classification (nonirrigated): 4w

Hydrologic Soil Group: B/D

Ecological site: F155XY120FL - Sandy Flatwoods and Hammocks

Forage suitability group: Sandy soils on flats of mesic or hydric lowlands
(G155XB141FL)

Other vegetative classification: Sandy soils on flats of mesic or hydric lowlands
(G155XB141FL)

Hydric soil rating: Yes

Minor Components

Bakersville

Percent of map unit: 2 percent

Landform: Depressions on marine terraces

Landform position (three-dimensional): Dip

Down-slope shape: Concave

Across-slope shape: Concave

Ecological site: R155XY100FL - Organic Freshwater Isolated Marshes and
Swamps

Other vegetative classification: Organic soils in depressions and on flood plains
(G155XB645FL)

Hydric soil rating: Yes

Eaugallie, nonhydric

Percent of map unit: 2 percent

Landform: Knolls on marine terraces, rises on marine terraces

Landform position (three-dimensional): Interfluve

Down-slope shape: Convex

Across-slope shape: Linear

Ecological site: F155XY120FL - Sandy Flatwoods and Hammocks

Other vegetative classification: Sandy soils on flats of mesic or hydric lowlands
(G155XB141FL)

Hydric soil rating: No

St. Johns, hydric

Percent of map unit: 2 percent

Landform: Flats on marine terraces

Landform position (three-dimensional): Talf

Down-slope shape: Linear

Across-slope shape: Linear

Ecological site: F155XY120FL - Sandy Flatwoods and Hammocks

Other vegetative classification: Sandy soils on flats of mesic or hydric lowlands
(G155XB141FL)

Hydric soil rating: Yes

Wesconnett

Percent of map unit: 2 percent

Landform: Drainageways on marine terraces

Landform position (three-dimensional): Talf

Down-slope shape: Linear

Across-slope shape: Concave

Ecological site: F153AY070NC - Wet Spodosol Flats and Depressions,

F153BY070NC - Wet Spodosol Flats and Depressions

Other vegetative classification: Sandy soils on stream terraces, flood plains, or in depressions (G155XB145FL)

Hydric soil rating: Yes

Myakka, nonhydric

Percent of map unit: 2 percent

Landform: Flatwoods on marine terraces

Landform position (three-dimensional): Talf

Down-slope shape: Convex

Across-slope shape: Linear

Ecological site: F155XY120FL - Sandy Flatwoods and Hammocks

Other vegetative classification: Sandy soils on flats of mesic or hydric lowlands (G155XB141FL)

Hydric soil rating: No

11—Smyrna-Smyrna, wet, fine sand, 0 to 2 percent slopes

Map Unit Setting

National map unit symbol: 2v171

Elevation: 0 to 150 feet

Mean annual precipitation: 38 to 62 inches

Mean annual air temperature: 68 to 77 degrees F

Frost-free period: 300 to 365 days

Farmland classification: Not prime farmland

Map Unit Composition

Smyrna, non-hydric, and similar soils: 76 percent

Smyrna, hydric, and similar soils: 20 percent

Minor components: 4 percent

Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Smyrna, Non-hydric

Setting

Landform: Flats on marine terraces, flatwoods on marine terraces

Landform position (two-dimensional): Footslope

Landform position (three-dimensional): Talf

Down-slope shape: Convex

Across-slope shape: Linear

Parent material: Sandy marine deposits

Custom Soil Resource Report

Typical profile

A - 0 to 4 inches: fine sand
E - 4 to 17 inches: fine sand
Bh - 17 to 27 inches: loamy fine sand
C - 27 to 80 inches: fine sand

Properties and qualities

Slope: 0 to 2 percent
Depth to restrictive feature: More than 80 inches
Drainage class: Poorly drained
Runoff class: High
Capacity of the most limiting layer to transmit water (Ksat): Moderately high to high
(0.60 to 6.00 in/hr)
Depth to water table: About 6 to 18 inches
Frequency of flooding: None
Frequency of ponding: None
Maximum salinity: Nonsaline to very slightly saline (0.0 to 2.0 mmhos/cm)
Sodium adsorption ratio, maximum: 4.0
Available water supply, 0 to 60 inches: Low (about 3.8 inches)

Interpretive groups

Land capability classification (irrigated): None specified
Land capability classification (nonirrigated): 4w
Hydrologic Soil Group: A/D
Ecological site: F155XY120FL - Sandy Flatwoods and Hammocks
Forage suitability group: Sandy soils on flats of mesic or hydric lowlands
(G155XB141FL)
Other vegetative classification: South Florida Flatwoods (R155XY003FL), Sandy
soils on flats of mesic or hydric lowlands (G155XB141FL)
Hydric soil rating: No

Description of Smyrna, Hydric

Setting

Landform: Flats on marine terraces, flatwoods on marine terraces
Landform position (two-dimensional): Footslope
Landform position (three-dimensional): Talf
Down-slope shape: Convex
Across-slope shape: Linear
Parent material: Sandy marine deposits

Typical profile

A - 0 to 4 inches: fine sand
E - 4 to 17 inches: fine sand
Bh - 17 to 27 inches: loamy fine sand
C - 27 to 80 inches: fine sand

Properties and qualities

Slope: 0 to 2 percent
Depth to restrictive feature: More than 80 inches
Drainage class: Poorly drained
Runoff class: High
Capacity of the most limiting layer to transmit water (Ksat): Moderately high to high
(0.60 to 6.00 in/hr)
Depth to water table: About 0 to 6 inches
Frequency of flooding: None

Custom Soil Resource Report

Frequency of ponding: None

Maximum salinity: Nonsaline to very slightly saline (0.0 to 2.0 mmhos/cm)

Sodium adsorption ratio, maximum: 4.0

Available water supply, 0 to 60 inches: Low (about 3.8 inches)

Interpretive groups

Land capability classification (irrigated): None specified

Land capability classification (nonirrigated): 4w

Hydrologic Soil Group: A/D

Ecological site: F155XY120FL - Sandy Flatwoods and Hammocks

Forage suitability group: Sandy soils on flats of mesic or hydric lowlands (G155XB141FL)

Other vegetative classification: South Florida Flatwoods (R155XY003FL), Sandy soils on flats of mesic or hydric lowlands (G155XB141FL)

Hydric soil rating: Yes

Minor Components

Basinger, depressional

Percent of map unit: 2 percent

Landform: Depressions on marine terraces

Landform position (two-dimensional): Toeslope

Landform position (three-dimensional): Dip

Down-slope shape: Concave

Across-slope shape: Concave

Ecological site: R155XY070FL - Sandy Freshwater Isolated Marshes and Swamps

Other vegetative classification: Sandy soils on stream terraces, flood plains, or in depressions (G155XB145FL)

Hydric soil rating: Yes

Eaugallie, hydric

Percent of map unit: 1 percent

Landform: Flats on marine terraces, flatwoods on marine terraces

Landform position (two-dimensional): Footslope

Landform position (three-dimensional): Dip

Down-slope shape: Linear

Across-slope shape: Linear

Ecological site: F155XY120FL - Sandy Flatwoods and Hammocks

Other vegetative classification: South Florida Flatwoods (R154XY003FL), Sandy soils on flats of mesic or hydric lowlands (G154XB141FL)

Hydric soil rating: Yes

Pomona, non-hydric

Percent of map unit: 1 percent

Landform: Flatwoods on marine terraces

Landform position (two-dimensional): Backslope

Landform position (three-dimensional): Talf

Down-slope shape: Convex

Across-slope shape: Linear

Ecological site: F155XY120FL - Sandy Flatwoods and Hammocks

Other vegetative classification: Sandy soils on flats of mesic or hydric lowlands (G155XB141FL)

Hydric soil rating: No

12—Ona-Ona, wet, fine sand, 0 to 2 percent slopes

Map Unit Setting

National map unit symbol: 2w4gx

Elevation: 10 to 130 feet

Mean annual precipitation: 46 to 56 inches

Mean annual air temperature: 66 to 77 degrees F

Frost-free period: 325 to 365 days

Farmland classification: Not prime farmland

Map Unit Composition

Ona and similar soils: 75 percent

Ona, wet, and similar soils: 12 percent

Minor components: 13 percent

Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Ona

Setting

Landform: Flatwoods on marine terraces

Landform position (three-dimensional): Talf

Down-slope shape: Linear

Across-slope shape: Linear

Parent material: Sandy marine deposits

Typical profile

A - 0 to 9 inches: fine sand

Bh - 9 to 16 inches: fine sand

C - 16 to 80 inches: fine sand

Properties and qualities

Slope: 0 to 2 percent

Depth to restrictive feature: More than 80 inches

Drainage class: Poorly drained

Runoff class: High

Capacity of the most limiting layer to transmit water (Ksat): Moderately high to high
(0.57 to 1.98 in/hr)

Depth to water table: About 6 to 18 inches

Frequency of flooding: None

Frequency of ponding: None

Maximum salinity: Nonsaline to very slightly saline (0.0 to 2.0 mmhos/cm)

Sodium adsorption ratio, maximum: 4.0

Available water supply, 0 to 60 inches: Low (about 4.6 inches)

Interpretive groups

Land capability classification (irrigated): None specified

Land capability classification (nonirrigated): 3w

Hydrologic Soil Group: B/D

Ecological site: F155XY120FL - Sandy Flatwoods and Hammocks

Custom Soil Resource Report

Forage suitability group: Sandy soils on flats of mesic or hydric lowlands
(G155XB141FL)

Other vegetative classification: Sandy soils on flats of mesic or hydric lowlands
(G155XB141FL)

Hydric soil rating: No

Description of Ona, Wet

Setting

Landform: Sloughs on marine terraces

Landform position (three-dimensional): Talf

Down-slope shape: Linear

Across-slope shape: Linear

Parent material: Sandy marine deposits

Typical profile

A - 0 to 9 inches: fine sand

Bh - 9 to 16 inches: fine sand

C - 16 to 80 inches: fine sand

Properties and qualities

Slope: 0 to 2 percent

Depth to restrictive feature: More than 80 inches

Drainage class: Poorly drained

Runoff class: High

Capacity of the most limiting layer to transmit water (Ksat): Moderately high to high
(0.57 to 1.98 in/hr)

Depth to water table: About 0 to 18 inches

Frequency of flooding: None

Frequency of ponding: None

Maximum salinity: Nonsaline to very slightly saline (0.0 to 2.0 mmhos/cm)

Sodium adsorption ratio, maximum: 4.0

Available water supply, 0 to 60 inches: Low (about 4.6 inches)

Interpretive groups

Land capability classification (irrigated): None specified

Land capability classification (nonirrigated): 3w

Hydrologic Soil Group: B/D

Ecological site: R155XY070FL - Sandy Freshwater Isolated Marshes and Swamps

Forage suitability group: Sandy soils on flats of mesic or hydric lowlands
(G155XB141FL)

Other vegetative classification: Sandy soils on flats of mesic or hydric lowlands
(G155XB141FL)

Hydric soil rating: Yes

Minor Components

Myakka

Percent of map unit: 5 percent

Landform: Flatwoods on marine terraces

Landform position (three-dimensional): Tread, talf

Down-slope shape: Linear

Across-slope shape: Linear

Ecological site: F155XY120FL - Sandy Flatwoods and Hammocks

Other vegetative classification: South Florida Flatwoods (R155XY003FL), Sandy soils on flats of mesic or hydric lowlands (G155XB141FL)

Custom Soil Resource Report

Hydric soil rating: No

Immokalee

Percent of map unit: 4 percent

Landform: Flatwoods on marine terraces

Landform position (three-dimensional): Tread, talf

Down-slope shape: Linear

Across-slope shape: Linear

Ecological site: F155XY120FL - Sandy Flatwoods and Hammocks

Other vegetative classification: South Florida Flatwoods (R155XY003FL), Sandy soils on flats of mesic or hydric lowlands (G155XB141FL)

Hydric soil rating: No

Basinger, hydric

Percent of map unit: 4 percent

Landform: Drainageways on marine terraces

Landform position (three-dimensional): Tread, dip

Down-slope shape: Concave, linear

Across-slope shape: Concave, linear

Ecological site: R155XY070FL - Sandy Freshwater Isolated Marshes and Swamps

Other vegetative classification: Slough (R155XY011FL), Sandy soils on flats of mesic or hydric lowlands (G155XB141FL)

Hydric soil rating: Yes

13—St. Johns fine sand

Map Unit Setting

National map unit symbol: 1hqhm

Elevation: 30 to 150 feet

Mean annual precipitation: 49 to 57 inches

Mean annual air temperature: 66 to 73 degrees F

Frost-free period: 282 to 312 days

Farmland classification: Not prime farmland

Map Unit Composition

St. johns, hydric, and similar soils: 60 percent

St. johns, nonhydric, and similar soils: 30 percent

Minor components: 10 percent

Estimates are based on observations, descriptions, and transects of the mapunit.

Description of St. Johns, Hydric

Setting

Landform: Flats on marine terraces

Landform position (three-dimensional): Talf

Down-slope shape: Linear

Across-slope shape: Linear

Parent material: Sandy marine deposits

Typical profile

A - 0 to 10 inches: fine sand
E - 10 to 15 inches: fine sand
Bh - 15 to 28 inches: fine sand
E' - 28 to 42 inches: fine sand
B'h - 42 to 66 inches: fine sand
C - 66 to 80 inches: fine sand

Properties and qualities

Slope: 0 to 2 percent
Depth to restrictive feature: More than 80 inches
Drainage class: Poorly drained
Runoff class: High
Capacity of the most limiting layer to transmit water (Ksat): Moderately high to high
(0.20 to 1.98 in/hr)
Depth to water table: About 0 to 6 inches
Frequency of flooding: None
Frequency of ponding: None
Maximum salinity: Nonsaline to very slightly saline (0.0 to 2.0 mmhos/cm)
Sodium adsorption ratio, maximum: 4.0
Available water supply, 0 to 60 inches: Moderate (about 8.6 inches)

Interpretive groups

Land capability classification (irrigated): None specified
Land capability classification (nonirrigated): 3w
Hydrologic Soil Group: B/D
Ecological site: R155XY070FL - Sandy Freshwater Isolated Marshes and Swamps
Forage suitability group: Sandy soils on flats of mesic or hydric lowlands
(G155XB141FL)
Other vegetative classification: Sandy soils on flats of mesic or hydric lowlands
(G155XB141FL)
Hydric soil rating: Yes

Description of St. Johns, Nonhydric

Setting

Landform: Flats on marine terraces
Landform position (three-dimensional): Talf
Down-slope shape: Convex
Across-slope shape: Linear
Parent material: Sandy marine deposits

Typical profile

A - 0 to 10 inches: fine sand
E - 10 to 15 inches: fine sand
Bh - 15 to 28 inches: fine sand
E' - 28 to 42 inches: fine sand
B'h - 42 to 66 inches: fine sand
C - 66 to 80 inches: fine sand

Properties and qualities

Slope: 0 to 2 percent
Depth to restrictive feature: More than 80 inches
Drainage class: Poorly drained
Runoff class: High

Custom Soil Resource Report

Capacity of the most limiting layer to transmit water (Ksat): Moderately high to high
(0.20 to 1.98 in/hr)

Depth to water table: About 6 to 18 inches

Frequency of flooding: None

Frequency of ponding: None

Maximum salinity: Nonsaline to very slightly saline (0.0 to 2.0 mmhos/cm)

Sodium adsorption ratio, maximum: 4.0

Available water supply, 0 to 60 inches: Moderate (about 8.6 inches)

Interpretive groups

Land capability classification (irrigated): None specified

Land capability classification (nonirrigated): 3w

Hydrologic Soil Group: B/D

Ecological site: F155XY120FL - Sandy Flatwoods and Hammocks

Forage suitability group: Sandy soils on flats of mesic or hydric lowlands
(G155XB141FL)

Other vegetative classification: Sandy soils on flats of mesic or hydric lowlands
(G155XB141FL)

Hydric soil rating: No

Minor Components

Myakka, nonhydric

Percent of map unit: 4 percent

Landform: Flatwoods on marine terraces

Landform position (three-dimensional): Talf

Down-slope shape: Convex

Across-slope shape: Linear

Ecological site: F155XY120FL - Sandy Flatwoods and Hammocks

Other vegetative classification: Sandy soils on flats of mesic or hydric lowlands
(G155XB141FL)

Hydric soil rating: No

Ona, hydric

Percent of map unit: 3 percent

Landform: Flats on marine terraces

Landform position (three-dimensional): Talf

Down-slope shape: Linear

Across-slope shape: Linear

Ecological site: R155XY070FL - Sandy Freshwater Isolated Marshes and Swamps

Other vegetative classification: Sandy soils on flats of mesic or hydric lowlands
(G155XB141FL)

Hydric soil rating: Yes

Smyrna, nonhydric

Percent of map unit: 3 percent

Landform: Flats on marine terraces

Landform position (three-dimensional): Talf

Down-slope shape: Convex

Across-slope shape: Linear

Ecological site: F155XY120FL - Sandy Flatwoods and Hammocks

Other vegetative classification: Sandy soils on flats of mesic or hydric lowlands
(G155XB141FL)

Hydric soil rating: No

18—Floridana fine sand, 0 to 2 percent slopes, frequently flooded

Map Unit Setting

National map unit symbol: 2sm5g

Elevation: 0 to 50 feet

Mean annual precipitation: 45 to 62 inches

Mean annual air temperature: 66 to 77 degrees F

Frost-free period: 350 to 365 days

Farmland classification: Not prime farmland

Map Unit Composition

Floridana, frequently flooded, and similar soils: 86 percent

Minor components: 14 percent

Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Floridana, Frequently Flooded

Setting

Landform: Drainageways on marine terraces, flood plains on marine terraces

Landform position (three-dimensional): Tread, dip, talf

Down-slope shape: Linear

Across-slope shape: Concave, linear

Parent material: Sandy and loamy marine deposits

Typical profile

A - 0 to 13 inches: fine sand

E - 13 to 28 inches: fine sand

Btg - 28 to 80 inches: sandy clay loam

Properties and qualities

Slope: 0 to 1 percent

Depth to restrictive feature: More than 80 inches

Drainage class: Very poorly drained

Runoff class: High

Capacity of the most limiting layer to transmit water (Ksat): Moderately low to moderately high (0.06 to 0.20 in/hr)

Depth to water table: About 0 inches

Frequency of flooding: Frequent

Frequency of ponding: None

Calcium carbonate, maximum content: 14 percent

Maximum salinity: Nonsaline to very slightly saline (0.0 to 2.0 mmhos/cm)

Sodium adsorption ratio, maximum: 4.0

Available water supply, 0 to 60 inches: Moderate (about 8.0 inches)

Interpretive groups

Land capability classification (irrigated): None specified

Land capability classification (nonirrigated): 5w

Hydrologic Soil Group: C/D

Custom Soil Resource Report

Ecological site: R155XY040FL - Sandy over Loamy Freshwater Floodplain Marshes and Swamps

Forage suitability group: Sandy over loamy soils on stream terraces, flood plains, or in depressions (G155XB245FL)

Other vegetative classification: Sandy over loamy soils on stream terraces, flood plains, or in depressions (G155XB245FL)

Hydric soil rating: Yes

Minor Components

Riviera

Percent of map unit: 6 percent

Landform: Depressions on marine terraces

Landform position (three-dimensional): Tread, dip

Down-slope shape: Concave

Across-slope shape: Concave

Ecological site: R155XY080FL - Sandy over Loamy Freshwater Isolated Marshes and Swamps

Other vegetative classification: Freshwater Marshes and Ponds (R155XY010FL), Sandy over loamy soils on stream terraces, flood plains, or in depressions (G155XB245FL)

Hydric soil rating: Yes

Holopaw

Percent of map unit: 6 percent

Landform: Flats on marine terraces

Landform position (three-dimensional): Tread, dip

Down-slope shape: Linear

Across-slope shape: Concave, linear

Ecological site: R155XY070FL - Sandy Freshwater Isolated Marshes and Swamps

Other vegetative classification: Slough (R155XY011FL), Sandy soils on flats of mesic or hydric lowlands (G155XB141FL)

Hydric soil rating: Yes

Gator

Percent of map unit: 2 percent

Landform: Depressions on marine terraces

Landform position (three-dimensional): Tread, dip

Down-slope shape: Concave

Across-slope shape: Concave

Ecological site: R155XY100FL - Organic Freshwater Isolated Marshes and Swamps

Other vegetative classification: Freshwater Marshes and Ponds (R155XY010FL), Organic soils in depressions and on flood plains (G155XB645FL)

Hydric soil rating: Yes

30—Wesconnett fine sand, frequently flooded

Map Unit Setting

National map unit symbol: 1hqj5

Custom Soil Resource Report

Elevation: 10 to 100 feet
Mean annual precipitation: 49 to 57 inches
Mean annual air temperature: 66 to 73 degrees F
Frost-free period: 282 to 312 days
Farmland classification: Not prime farmland

Map Unit Composition

Wesconnett and similar soils: 90 percent
Minor components: 10 percent
Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Wesconnett

Setting

Landform: Drainageways on marine terraces
Landform position (three-dimensional): Talf
Down-slope shape: Linear
Across-slope shape: Concave
Parent material: Sandy marine deposits

Typical profile

A - 0 to 8 inches: fine sand
Bh - 8 to 34 inches: fine sand
A' - 34 to 45 inches: fine sand
B'h - 45 to 80 inches: fine sand

Properties and qualities

Slope: 0 to 2 percent
Depth to restrictive feature: More than 80 inches
Drainage class: Very poorly drained
Runoff class: High
Capacity of the most limiting layer to transmit water (Ksat): Moderately high to high (0.57 to 5.95 in/hr)
Depth to water table: About 0 inches
Frequency of flooding: Frequent
Frequency of ponding: None
Maximum salinity: Nonsaline to very slightly saline (0.0 to 2.0 mmhos/cm)
Sodium adsorption ratio, maximum: 4.0
Available water supply, 0 to 60 inches: Moderate (about 7.1 inches)

Interpretive groups

Land capability classification (irrigated): None specified
Land capability classification (nonirrigated): 6w
Hydrologic Soil Group: A/D
Forage suitability group: Sandy soils on stream terraces, flood plains, or in depressions (G155XB145FL)
Other vegetative classification: Sandy soils on stream terraces, flood plains, or in depressions (G155XB145FL)
Hydric soil rating: Yes

Minor Components

Myakka, depressional

Percent of map unit: 3 percent
Landform: Depressions on marine terraces
Landform position (three-dimensional): Dip
Down-slope shape: Concave

Custom Soil Resource Report

Across-slope shape: Concave

Other vegetative classification: Sandy soils on stream terraces, flood plains, or in depressions (G155XB145FL)

Hydric soil rating: Yes

Bakersville

Percent of map unit: 3 percent

Landform: Depressions on marine terraces

Landform position (three-dimensional): Dip

Down-slope shape: Concave

Across-slope shape: Concave

Other vegetative classification: Organic soils in depressions and on flood plains (G155XB645FL)

Hydric soil rating: Yes

Tomoka

Percent of map unit: 2 percent

Landform: Depressions on marine terraces

Landform position (three-dimensional): Dip

Down-slope shape: Concave

Across-slope shape: Concave

Other vegetative classification: Organic soils in depressions and on flood plains (G155XB645FL)

Hydric soil rating: Yes

St. Johns, depressional

Percent of map unit: 2 percent

Landform: Depressions on marine terraces

Landform position (three-dimensional): Dip

Down-slope shape: Concave

Across-slope shape: Concave

Other vegetative classification: Sandy soils on stream terraces, flood plains, or in depressions (G155XB145FL)

Hydric soil rating: Yes

34—Tocoi fine sand

Map Unit Setting

National map unit symbol: 1hqj9

Elevation: 0 to 150 feet

Mean annual precipitation: 49 to 57 inches

Mean annual air temperature: 66 to 73 degrees F

Frost-free period: 282 to 312 days

Farmland classification: Farmland of unique importance

Map Unit Composition

Tocoi, nonhydric, and similar soils: 65 percent

Tocoi, hydric, and similar soils: 20 percent

Minor components: 15 percent

Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Toci, Nonhydic

Setting

Landform: Flatwoods on marine terraces
Landform position (three-dimensional): Talf
Down-slope shape: Convex
Across-slope shape: Linear
Parent material: Sandy marine deposits

Typical profile

A - 0 to 13 inches: fine sand
Bh - 13 to 23 inches: fine sand
B/E - 23 to 45 inches: fine sand
Btg - 45 to 76 inches: loamy fine sand
Cg - 76 to 80 inches: loamy fine sand

Properties and qualities

Slope: 0 to 2 percent
Depth to restrictive feature: More than 80 inches
Drainage class: Poorly drained
Runoff class: Very low
Capacity of the most limiting layer to transmit water (Ksat): Moderately high to high
(0.57 to 5.95 in/hr)
Depth to water table: About 6 to 18 inches
Frequency of flooding: None
Frequency of ponding: None
Maximum salinity: Nonsaline to very slightly saline (0.0 to 2.0 mmhos/cm)
Sodium adsorption ratio, maximum: 4.0
Available water supply, 0 to 60 inches: Low (about 5.3 inches)

Interpretive groups

Land capability classification (irrigated): None specified
Land capability classification (nonirrigated): 3w
Hydrologic Soil Group: A/D
Ecological site: F155XY120FL - Sandy Flatwoods and Hammocks
Forage suitability group: Sandy soils on flats of mesic or hydric lowlands
(G155XB141FL)
Other vegetative classification: Sandy soils on flats of mesic or hydric lowlands
(G155XB141FL)
Hydric soil rating: No

Description of Toci, Hydric

Setting

Landform: Flats on marine terraces
Landform position (three-dimensional): Talf
Down-slope shape: Linear
Across-slope shape: Linear
Parent material: Sandy marine deposits

Typical profile

A - 0 to 13 inches: fine sand
Bh - 13 to 23 inches: fine sand
B/E - 23 to 45 inches: fine sand
Btg - 45 to 76 inches: loamy fine sand
Cg - 76 to 80 inches: loamy fine sand

Properties and qualities

Slope: 0 to 2 percent
Depth to restrictive feature: More than 80 inches
Drainage class: Poorly drained
Runoff class: Very low
Capacity of the most limiting layer to transmit water (Ksat): Moderately high to high (0.57 to 5.95 in/hr)
Depth to water table: About 0 to 12 inches
Frequency of flooding: None
Frequency of ponding: None
Maximum salinity: Nonsaline to very slightly saline (0.0 to 2.0 mmhos/cm)
Sodium adsorption ratio, maximum: 4.0
Available water supply, 0 to 60 inches: Low (about 5.3 inches)

Interpretive groups

Land capability classification (irrigated): None specified
Land capability classification (nonirrigated): 3w
Hydrologic Soil Group: A/D
Ecological site: F155XY120FL - Sandy Flatwoods and Hammocks
Forage suitability group: Sandy soils on flats of mesic or hydric lowlands (G155XB141FL)
Other vegetative classification: Sandy soils on flats of mesic or hydric lowlands (G155XB141FL)
Hydric soil rating: Yes

Minor Components

Ona, nonhydric

Percent of map unit: 3 percent
Landform: Flats on marine terraces
Landform position (three-dimensional): Talf
Down-slope shape: Convex
Across-slope shape: Linear
Ecological site: F155XY120FL - Sandy Flatwoods and Hammocks
Other vegetative classification: Sandy soils on flats of mesic or hydric lowlands (G155XB141FL)
Hydric soil rating: No

Placid

Percent of map unit: 3 percent
Landform: Flats on marine terraces
Landform position (three-dimensional): Talf
Down-slope shape: Linear
Across-slope shape: Linear
Ecological site: F155XY120FL - Sandy Flatwoods and Hammocks
Other vegetative classification: Sandy soils on flats of mesic or hydric lowlands (G155XB141FL)
Hydric soil rating: Yes

St. Johns, hydric

Percent of map unit: 3 percent
Landform: Flats on marine terraces
Landform position (three-dimensional): Talf
Down-slope shape: Linear
Across-slope shape: Linear
Ecological site: F155XY120FL - Sandy Flatwoods and Hammocks

Custom Soil Resource Report

Other vegetative classification: Sandy soils on flats of mesic or hydric lowlands
(G155XB141FL)

Hydric soil rating: Yes

Pompano, hydric

Percent of map unit: 3 percent

Landform: Flats on marine terraces

Landform position (three-dimensional): Talf

Down-slope shape: Linear

Across-slope shape: Linear

Ecological site: F155XY120FL - Sandy Flatwoods and Hammocks

Other vegetative classification: Sandy soils on flats of mesic or hydric lowlands
(G155XB141FL)

Hydric soil rating: Yes

Myakka, nonhydric

Percent of map unit: 3 percent

Landform: Flatwoods on marine terraces

Landform position (three-dimensional): Talf

Down-slope shape: Convex

Across-slope shape: Linear

Ecological site: F155XY120FL - Sandy Flatwoods and Hammocks

Other vegetative classification: Sandy soils on flats of mesic or hydric lowlands
(G155XB141FL)

Hydric soil rating: No

40—Pottsburg fine sand

Map Unit Setting

National map unit symbol: 1hqjg

Elevation: 20 to 150 feet

Mean annual precipitation: 49 to 57 inches

Mean annual air temperature: 66 to 73 degrees F

Frost-free period: 282 to 312 days

Farmland classification: Not prime farmland

Map Unit Composition

Pottsburg, nonhydric, and similar soils: 70 percent

Pottsburg, hydric, and similar soils: 20 percent

Minor components: 10 percent

Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Pottsburg, Nonhydric

Setting

Landform: Flatwoods on marine terraces

Landform position (three-dimensional): Talf

Down-slope shape: Convex

Across-slope shape: Linear

Custom Soil Resource Report

Parent material: Sandy marine deposits

Typical profile

A - 0 to 5 inches: fine sand
E - 5 to 60 inches: fine sand
Bh - 60 to 80 inches: fine sand

Properties and qualities

Slope: 0 to 2 percent
Depth to restrictive feature: More than 80 inches
Drainage class: Poorly drained
Runoff class: Negligible
Capacity of the most limiting layer to transmit water (Ksat): Moderately high to high
(0.57 to 1.98 in/hr)
Depth to water table: About 6 to 18 inches
Frequency of flooding: None
Frequency of ponding: None
Maximum salinity: Nonsaline to very slightly saline (0.0 to 2.0 mmhos/cm)
Sodium adsorption ratio, maximum: 4.0
Available water supply, 0 to 60 inches: Very low (about 3.0 inches)

Interpretive groups

Land capability classification (irrigated): None specified
Land capability classification (nonirrigated): 4w
Hydrologic Soil Group: A/D
Forage suitability group: Sandy soils on flats of mesic or hydric lowlands
(G155XB141FL)
Other vegetative classification: Sandy soils on flats of mesic or hydric lowlands
(G155XB141FL)
Hydric soil rating: No

Description of Pottsburg, Hydric

Setting

Landform: Flats on marine terraces
Landform position (three-dimensional): Talf
Down-slope shape: Linear
Across-slope shape: Linear
Parent material: Sandy marine deposits

Typical profile

A - 0 to 5 inches: fine sand
E - 5 to 60 inches: fine sand
Bh - 60 to 80 inches: fine sand

Properties and qualities

Slope: 0 to 2 percent
Depth to restrictive feature: More than 80 inches
Drainage class: Poorly drained
Runoff class: Negligible
Capacity of the most limiting layer to transmit water (Ksat): Moderately high to high
(0.57 to 1.98 in/hr)
Depth to water table: About 0 to 12 inches
Frequency of flooding: None
Frequency of ponding: None
Maximum salinity: Nonsaline to very slightly saline (0.0 to 2.0 mmhos/cm)
Sodium adsorption ratio, maximum: 4.0

Custom Soil Resource Report

Available water supply, 0 to 60 inches: Very low (about 3.0 inches)

Interpretive groups

Land capability classification (irrigated): None specified

Land capability classification (nonirrigated): 4w

Hydrologic Soil Group: A/D

Forage suitability group: Sandy soils on flats of mesic or hydric lowlands
(G155XB141FL)

Other vegetative classification: Sandy soils on flats of mesic or hydric lowlands
(G155XB141FL)

Hydric soil rating: Yes

Minor Components

Immokalee, nonhydric

Percent of map unit: 4 percent

Landform: Rises on marine terraces, flatwoods on marine terraces

Landform position (three-dimensional): Talf

Down-slope shape: Convex

Across-slope shape: Linear

Other vegetative classification: Sandy soils on flats of mesic or hydric lowlands
(G155XB141FL)

Hydric soil rating: No

Myakka, nonhydric

Percent of map unit: 3 percent

Landform: Flatwoods on marine terraces

Landform position (three-dimensional): Talf

Down-slope shape: Convex

Across-slope shape: Linear

Other vegetative classification: Sandy soils on flats of mesic or hydric lowlands
(G155XB141FL)

Hydric soil rating: No

Smyrna, nonhydric

Percent of map unit: 3 percent

Landform: Flats on marine terraces

Landform position (three-dimensional): Talf

Down-slope shape: Convex

Across-slope shape: Linear

Other vegetative classification: Sandy soils on flats of mesic or hydric lowlands
(G155XB141FL)

Hydric soil rating: No

41—Tomoka muck, frequently ponded, 0 to 1 percent slopes

Map Unit Setting

National map unit symbol: 2t1lp

Elevation: 0 to 110 feet

Mean annual precipitation: 46 to 61 inches

Custom Soil Resource Report

Mean annual air temperature: 68 to 77 degrees F

Frost-free period: 335 to 365 days

Farmland classification: Not prime farmland

Map Unit Composition

Tomoka and similar soils: 85 percent

Minor components: 15 percent

Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Tomoka

Setting

Landform: Depressions on marine terraces

Landform position (three-dimensional): Talf, dip

Down-slope shape: Concave

Across-slope shape: Concave

Parent material: Herbaceous organic material over sandy and loamy marine deposits

Typical profile

Oa - 0 to 34 inches: muck

C1 - 34 to 39 inches: sand

C2 - 39 to 80 inches: sandy clay loam

Properties and qualities

Slope: 0 to 1 percent

Depth to restrictive feature: More than 80 inches

Drainage class: Very poorly drained

Runoff class: Negligible

Capacity of the most limiting layer to transmit water (Ksat): Moderately high to high (0.57 to 5.95 in/hr)

Depth to water table: About 0 inches

Frequency of flooding: None

Frequency of ponding: Frequent

Maximum salinity: Nonsaline to very slightly saline (0.0 to 2.0 mmhos/cm)

Sodium adsorption ratio, maximum: 4.0

Available water supply, 0 to 60 inches: Very high (about 17.7 inches)

Interpretive groups

Land capability classification (irrigated): None specified

Land capability classification (nonirrigated): 7w

Hydrologic Soil Group: A/D

Ecological site: R155XY100FL - Organic Freshwater Isolated Marshes and Swamps

Forage suitability group: Organic soils in depressions and on flood plains (G155XB645FL)

Other vegetative classification: Freshwater Marshes and Ponds (R155XY010FL), Organic soils in depressions and on flood plains (G155XB645FL)

Hydric soil rating: Yes

Minor Components

Hontoon

Percent of map unit: 4 percent

Landform: Swamps on marine terraces, depressions on marine terraces

Landform position (three-dimensional): Tread, dip

Down-slope shape: Concave, linear

Custom Soil Resource Report

Across-slope shape: Concave, linear

Ecological site: R155XY100FL - Organic Freshwater Isolated Marshes and Swamps

Other vegetative classification: Freshwater Marshes and Ponds (R155XY010FL), Organic soils in depressions and on flood plains (G155XB645FL)

Hydric soil rating: Yes

Floridana

Percent of map unit: 3 percent

Landform: Depressions on marine terraces

Landform position (three-dimensional): Tread, dip

Down-slope shape: Linear, concave

Across-slope shape: Linear, concave

Ecological site: R155XY080FL - Sandy over Loamy Freshwater Isolated Marshes and Swamps

Other vegetative classification: Freshwater Marshes and Ponds (R155XY010FL), Sandy over loamy soils on stream terraces, flood plains, or in depressions (G155XB245FL)

Hydric soil rating: Yes

Samsula

Percent of map unit: 2 percent

Landform: Depressions on marine terraces

Landform position (three-dimensional): Tread, dip

Down-slope shape: Concave

Across-slope shape: Concave

Ecological site: R155XY100FL - Organic Freshwater Isolated Marshes and Swamps

Other vegetative classification: Freshwater Marshes and Ponds (R155XY010FL), Organic soils in depressions and on flood plains (G155XB645FL)

Hydric soil rating: Yes

Terra ceia

Percent of map unit: 2 percent

Landform: Depressions on marine terraces

Landform position (three-dimensional): Tread, dip

Down-slope shape: Convex, concave

Across-slope shape: Linear, concave

Ecological site: R155XY100FL - Organic Freshwater Isolated Marshes and Swamps

Other vegetative classification: Freshwater Marshes and Ponds (R155XY010FL), Organic soils in depressions and on flood plains (G155XB645FL)

Hydric soil rating: Yes

Canova

Percent of map unit: 2 percent

Landform: Depressions on marine terraces

Landform position (three-dimensional): Talf, dip

Down-slope shape: Linear, concave

Across-slope shape: Linear, concave

Ecological site: R155XY100FL - Organic Freshwater Isolated Marshes and Swamps

Other vegetative classification: Freshwater Marshes and Ponds (R155XY010FL), Organic soils in depressions and on flood plains (G155XB645FL)

Hydric soil rating: Yes

St. Johns

Percent of map unit: 1 percent

Landform: Depressions on marine terraces, flats on marine terraces

Landform position (three-dimensional): Tread, dip, talf

Down-slope shape: Linear

Across-slope shape: Concave

Ecological site: R155XY070FL - Sandy Freshwater Isolated Marshes and Swamps

Other vegetative classification: South Florida Flatwoods (R155XY003FL), Sandy soils on flats of mesic or hydric lowlands (G155XB141FL)

Hydric soil rating: Yes

Placid

Percent of map unit: 1 percent

Landform: Depressions on marine terraces, drainageways on marine terraces

Landform position (three-dimensional): Tread, dip

Down-slope shape: Concave

Across-slope shape: Concave

Ecological site: R155XY070FL - Sandy Freshwater Isolated Marshes and Swamps

Other vegetative classification: Freshwater Marshes and Ponds (R155XY010FL), Sandy soils on stream terraces, flood plains, or in depressions (G155XB145FL)

Hydric soil rating: Yes

44—Sparr fine sand, 0 to 5 percent slopes

Map Unit Setting

National map unit symbol: 1hqjk

Elevation: 10 to 150 feet

Mean annual precipitation: 49 to 57 inches

Mean annual air temperature: 66 to 73 degrees F

Frost-free period: 282 to 312 days

Farmland classification: Not prime farmland

Map Unit Composition

Sparr and similar soils: 85 percent

Minor components: 15 percent

Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Sparr

Setting

Landform: Knolls on marine terraces, rises on marine terraces

Landform position (three-dimensional): Interfluve, rise

Down-slope shape: Convex

Across-slope shape: Linear

Parent material: Sandy and loamy marine deposits

Typical profile

A - 0 to 3 inches: fine sand

E - 3 to 68 inches: fine sand

Custom Soil Resource Report

Btg - 68 to 80 inches: fine sandy loam

Properties and qualities

Slope: 0 to 5 percent

Depth to restrictive feature: More than 80 inches

Drainage class: Somewhat poorly drained

Runoff class: Negligible

Capacity of the most limiting layer to transmit water (Ksat): Moderately high to high (0.57 to 1.98 in/hr)

Depth to water table: About 18 to 42 inches

Frequency of flooding: None

Frequency of ponding: None

Maximum salinity: Nonsaline to very slightly saline (0.0 to 2.0 mmhos/cm)

Sodium adsorption ratio, maximum: 4.0

Available water supply, 0 to 60 inches: Low (about 4.3 inches)

Interpretive groups

Land capability classification (irrigated): None specified

Land capability classification (nonirrigated): 3w

Hydrologic Soil Group: A

Forage suitability group: Sandy soils on rises and knolls of mesic uplands (G155XB131FL)

Other vegetative classification: Sandy soils on rises and knolls of mesic uplands (G155XB131FL)

Hydric soil rating: No

Minor Components

Adamsville

Percent of map unit: 4 percent

Landform: Flats on marine terraces, rises on marine terraces

Landform position (three-dimensional): Interfluve, talf

Down-slope shape: Convex

Across-slope shape: Linear

Other vegetative classification: Sandy soils on rises and knolls of mesic uplands (G155XB131FL)

Hydric soil rating: No

Ona, nonhydic

Percent of map unit: 4 percent

Landform: Flats on marine terraces

Landform position (three-dimensional): Talf

Down-slope shape: Convex

Across-slope shape: Linear

Other vegetative classification: Sandy soils on flats of mesic or hydric lowlands (G155XB141FL)

Hydric soil rating: No

Pomona, nonhydic

Percent of map unit: 4 percent

Landform: Flatwoods on marine terraces

Landform position (three-dimensional): Talf

Down-slope shape: Convex

Across-slope shape: Linear

Other vegetative classification: Sandy soils on flats of mesic or hydric lowlands (G155XB141FL)

Hydric soil rating: No

Tavares

Percent of map unit: 3 percent

Landform: Knolls on marine terraces, ridges on marine terraces

Landform position (three-dimensional): Interfluve

Down-slope shape: Convex

Across-slope shape: Linear

Other vegetative classification: Sandy soils on rises, knolls, and ridges of mesic uplands (G155XB121FL)

Hydric soil rating: No

46—Holopaw fine sand

Map Unit Setting

National map unit symbol: 1hqjm

Elevation: 10 to 100 feet

Mean annual precipitation: 49 to 57 inches

Mean annual air temperature: 66 to 73 degrees F

Frost-free period: 282 to 312 days

Farmland classification: Not prime farmland

Map Unit Composition

Holopaw, nonhydric, and similar soils: 70 percent

Holopaw, hydric, and similar soils: 15 percent

Minor components: 15 percent

Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Holopaw, Nonhydric

Setting

Landform: Flats on marine terraces

Landform position (three-dimensional): Talf

Down-slope shape: Convex

Across-slope shape: Linear

Parent material: Sandy and loamy marine deposits

Typical profile

A - 0 to 13 inches: fine sand

Eg - 13 to 53 inches: fine sand

Btg - 53 to 72 inches: fine sandy loam

Cg - 72 to 80 inches: loamy fine sand

Properties and qualities

Slope: 0 to 2 percent

Depth to restrictive feature: More than 80 inches

Drainage class: Poorly drained

Runoff class: Negligible

Capacity of the most limiting layer to transmit water (Ksat): Moderately high to high (0.20 to 1.98 in/hr)

Depth to water table: About 6 to 18 inches

Frequency of flooding: None

Custom Soil Resource Report

Frequency of ponding: None

Maximum salinity: Nonsaline to very slightly saline (0.0 to 2.0 mmhos/cm)

Sodium adsorption ratio, maximum: 4.0

Available water supply, 0 to 60 inches: Low (about 6.0 inches)

Interpretive groups

Land capability classification (irrigated): None specified

Land capability classification (nonirrigated): 4w

Hydrologic Soil Group: A/D

Ecological site: F155XY120FL - Sandy Flatwoods and Hammocks

Forage suitability group: Sandy soils on flats of mesic or hydric lowlands
(G155XB141FL)

Other vegetative classification: Sandy soils on flats of mesic or hydric lowlands
(G155XB141FL)

Hydric soil rating: No

Description of Holopaw, Hydric

Setting

Landform: Flats on marine terraces

Landform position (three-dimensional): Talf

Down-slope shape: Linear

Across-slope shape: Linear

Parent material: Sandy and loamy marine deposits

Typical profile

A - 0 to 13 inches: fine sand

Eg - 13 to 53 inches: fine sand

Btg - 53 to 72 inches: fine sandy loam

Cg - 72 to 80 inches: loamy fine sand

Properties and qualities

Slope: 0 to 2 percent

Depth to restrictive feature: More than 80 inches

Drainage class: Poorly drained

Runoff class: Negligible

Capacity of the most limiting layer to transmit water (Ksat): Moderately high to high
(0.20 to 1.98 in/hr)

Depth to water table: About 0 to 12 inches

Frequency of flooding: None

Frequency of ponding: None

Maximum salinity: Nonsaline to very slightly saline (0.0 to 2.0 mmhos/cm)

Sodium adsorption ratio, maximum: 4.0

Available water supply, 0 to 60 inches: Low (about 6.0 inches)

Interpretive groups

Land capability classification (irrigated): None specified

Land capability classification (nonirrigated): 4w

Hydrologic Soil Group: A/D

Ecological site: R155XY070FL - Sandy Freshwater Isolated Marshes and
Swamps

Forage suitability group: Sandy soils on flats of mesic or hydric lowlands
(G155XB141FL)

Other vegetative classification: Sandy soils on flats of mesic or hydric lowlands
(G155XB141FL)

Hydric soil rating: Yes

Minor Components

Riviera, hydric

Percent of map unit: 5 percent

Landform: Flats on marine terraces

Landform position (three-dimensional): Talf

Down-slope shape: Linear

Across-slope shape: Linear

Ecological site: R155XY080FL - Sandy over Loamy Freshwater Isolated Marshes and Swamps

Other vegetative classification: Sandy over loamy soils on flats of hydric or mesic lowlands (G155XB241FL)

Hydric soil rating: Yes

Pompano, hydric

Percent of map unit: 5 percent

Landform: Flats on marine terraces

Landform position (three-dimensional): Talf

Down-slope shape: Linear

Across-slope shape: Linear

Ecological site: R155XY070FL - Sandy Freshwater Isolated Marshes and Swamps

Other vegetative classification: Sandy soils on flats of mesic or hydric lowlands (G155XB141FL)

Hydric soil rating: Yes

Winder

Percent of map unit: 5 percent

Landform: Flats on marine terraces

Landform position (three-dimensional): Talf

Down-slope shape: Concave, linear

Across-slope shape: Linear

Ecological site: F155XY140FL - Loamy and Clayey Hardwood Hammocks

Other vegetative classification: Loamy and clayey soils on flats of hydric or mesic lowlands (G155XB341FL)

Hydric soil rating: Yes

47—Holopaw fine sand, frequently flooded

Map Unit Setting

National map unit symbol: 1hqjn

Elevation: 0 to 30 feet

Mean annual precipitation: 49 to 57 inches

Mean annual air temperature: 66 to 73 degrees F

Frost-free period: 282 to 312 days

Farmland classification: Not prime farmland

Map Unit Composition

Holopaw, frequently flooded, and similar soils: 90 percent

Custom Soil Resource Report

Minor components: 10 percent

Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Holopaw, Frequently Flooded

Setting

Landform: Drainageways on marine terraces

Landform position (three-dimensional): Talf

Down-slope shape: Linear

Across-slope shape: Concave

Parent material: Sandy and loamy marine deposits

Typical profile

A - 0 to 6 inches: fine sand

Eg - 6 to 50 inches: fine sand

Btg - 50 to 68 inches: fine sandy loam

Cg - 68 to 80 inches: loamy fine sand

Properties and qualities

Slope: 0 to 2 percent

Depth to restrictive feature: More than 80 inches

Drainage class: Very poorly drained

Runoff class: Negligible

Capacity of the most limiting layer to transmit water (Ksat): Moderately high to high
(0.20 to 1.98 in/hr)

Depth to water table: About 0 inches

Frequency of flooding: Frequent

Frequency of ponding: None

Maximum salinity: Nonsaline to very slightly saline (0.0 to 2.0 mmhos/cm)

Sodium adsorption ratio, maximum: 4.0

Available water supply, 0 to 60 inches: Moderate (about 6.3 inches)

Interpretive groups

Land capability classification (irrigated): None specified

Land capability classification (nonirrigated): 6w

Hydrologic Soil Group: A/D

Ecological site: R155XY030FL - Sandy Freshwater Floodplain Marshes and Swamps

Forage suitability group: Sandy soils on stream terraces, flood plains, or in depressions (G155XB145FL)

Other vegetative classification: Sandy soils on stream terraces, flood plains, or in depressions (G155XB145FL)

Hydric soil rating: Yes

Minor Components

Floridana, frequently flooded

Percent of map unit: 4 percent

Landform: Drainageways on marine terraces, flood plains on marine terraces

Landform position (three-dimensional): Talf

Down-slope shape: Linear

Across-slope shape: Linear

Ecological site: R155XY040FL - Sandy over Loamy Freshwater Floodplain Marshes and Swamps

Other vegetative classification: Sandy over loamy soils on stream terraces, flood plains, or in depressions (G155XB245FL)

Hydric soil rating: Yes

Myakka, depressional

Percent of map unit: 3 percent

Landform: Depressions on marine terraces

Landform position (three-dimensional): Dip

Down-slope shape: Concave

Across-slope shape: Concave

Ecological site: R155XY070FL - Sandy Freshwater Isolated Marshes and Swamps

Other vegetative classification: Sandy soils on stream terraces, flood plains, or in depressions (G155XB145FL)

Hydric soil rating: Yes

Riviera, frequently flooded

Percent of map unit: 3 percent

Landform: Drainageways on marine terraces, flood plains on marine terraces

Landform position (three-dimensional): Talf

Down-slope shape: Linear

Across-slope shape: Linear

Ecological site: R155XY040FL - Sandy over Loamy Freshwater Floodplain Marshes and Swamps

Other vegetative classification: Sandy over loamy soils on stream terraces, flood plains, or in depressions (G155XB245FL)

Hydric soil rating: Yes

48—Winder fine sand, frequently flooded

Map Unit Setting

National map unit symbol: 1hqjp

Elevation: 0 to 60 feet

Mean annual precipitation: 49 to 57 inches

Mean annual air temperature: 66 to 73 degrees F

Frost-free period: 282 to 312 days

Farmland classification: Not prime farmland

Map Unit Composition

Winder, frequently flooded, and similar soils: 85 percent

Minor components: 15 percent

Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Winder, Frequently Flooded

Setting

Landform: Drainageways on marine terraces, flood plains on marine terraces

Landform position (three-dimensional): Talf

Down-slope shape: Linear

Across-slope shape: Linear

Parent material: Sandy and loamy marine deposits

Typical profile

A - 0 to 3 inches: fine sand

E - 3 to 11 inches: fine sand

Custom Soil Resource Report

B and E - 11 to 16 inches: sandy loam

Btg - 16 to 42 inches: sandy clay loam

2Cg - 42 to 80 inches: sandy loam

Properties and qualities

Slope: 0 to 2 percent

Depth to restrictive feature: More than 80 inches

Drainage class: Poorly drained

Runoff class: High

Capacity of the most limiting layer to transmit water (Ksat): Moderately low to moderately high (0.06 to 0.20 in/hr)

Depth to water table: About 0 to 12 inches

Frequency of flooding: Frequent

Frequency of ponding: None

Calcium carbonate, maximum content: 5 percent

Maximum salinity: Nonsaline to very slightly saline (0.0 to 2.0 mmhos/cm)

Sodium adsorption ratio, maximum: 4.0

Available water supply, 0 to 60 inches: Moderate (about 6.0 inches)

Interpretive groups

Land capability classification (irrigated): None specified

Land capability classification (nonirrigated): 5w

Hydrologic Soil Group: C/D

Ecological site: R155XY050FL - Loamy and Clayey Freshwater Floodplain
Marshes and Swamps

Forage suitability group: Loamy and clayey soils on stream terraces, flood plains, or in depressions (G155XB345FL)

Other vegetative classification: Loamy and clayey soils on stream terraces, flood plains, or in depressions (G155XB345FL)

Hydric soil rating: Yes

Minor Components

Manatee

Percent of map unit: 4 percent

Landform: Drainageways on marine terraces, flood plains on marine terraces

Landform position (three-dimensional): Talf

Down-slope shape: Linear

Across-slope shape: Linear

Ecological site: R155XY050FL - Loamy and Clayey Freshwater Floodplain
Marshes and Swamps

Other vegetative classification: Loamy and clayey soils on stream terraces, flood plains, or in depressions (G155XB345FL)

Hydric soil rating: Yes

Bluff

Percent of map unit: 4 percent

Landform: Drainageways on marine terraces, flood plains on marine terraces

Landform position (three-dimensional): Talf

Down-slope shape: Linear

Across-slope shape: Linear

Ecological site: R155XY050FL - Loamy and Clayey Freshwater Floodplain
Marshes and Swamps

Other vegetative classification: Organic soils in depressions and on flood plains (G155XB645FL)

Hydric soil rating: Yes

Holopaw, frequently flooded

Percent of map unit: 4 percent

Landform: Drainageways on marine terraces

Landform position (three-dimensional): Talf

Down-slope shape: Linear

Across-slope shape: Concave

Ecological site: R155XY030FL - Sandy Freshwater Floodplain Marshes and Swamps

Other vegetative classification: Sandy soils on stream terraces, flood plains, or in depressions (G155XB145FL)

Hydric soil rating: Yes

Riviera, frequently flooded

Percent of map unit: 3 percent

Landform: Drainageways on marine terraces, flood plains on marine terraces

Landform position (three-dimensional): Talf

Down-slope shape: Linear

Across-slope shape: Linear

Ecological site: R155XY040FL - Sandy over Loamy Freshwater Floodplain Marshes and Swamps

Other vegetative classification: Sandy over loamy soils on stream terraces, flood plains, or in depressions (G155XB245FL)

Hydric soil rating: Yes

51—St. Augustine-Urban land complex

Map Unit Setting

National map unit symbol: 1hqjt

Elevation: 0 to 70 feet

Mean annual precipitation: 49 to 57 inches

Mean annual air temperature: 66 to 73 degrees F

Frost-free period: 282 to 312 days

Farmland classification: Not prime farmland

Map Unit Composition

St. augustine and similar soils: 55 percent

Urban land: 35 percent

Minor components: 10 percent

Estimates are based on observations, descriptions, and transects of the mapunit.

Description of St. Augustine

Setting

Landform: Rises on marine terraces, flats on marine terraces

Landform position (three-dimensional): Talf

Down-slope shape: Convex

Across-slope shape: Linear

Parent material: Sandy mine spoil or earthy fill

Custom Soil Resource Report

Typical profile

A - 0 to 4 inches: fine sand
Cg - 4 to 80 inches: fine sand

Properties and qualities

Slope: 0 to 2 percent
Depth to restrictive feature: More than 80 inches
Drainage class: Somewhat poorly drained
Runoff class: Very low
Capacity of the most limiting layer to transmit water (Ksat): High to very high (1.98 to 19.98 in/hr)
Depth to water table: About 18 to 36 inches
Frequency of flooding: Rare
Frequency of ponding: None
Calcium carbonate, maximum content: 15 percent
Maximum salinity: Nonsaline to very slightly saline (0.0 to 2.0 mmhos/cm)
Sodium adsorption ratio, maximum: 4.0
Available water supply, 0 to 60 inches: Low (about 4.6 inches)

Interpretive groups

Land capability classification (irrigated): None specified
Land capability classification (nonirrigated): 7s
Hydrologic Soil Group: A
Forage suitability group: Forage suitability group not assigned (G155XB999FL)
Other vegetative classification: Forage suitability group not assigned (G155XB999FL)
Hydric soil rating: No

Description of Urban Land

Setting

Landform: Marine terraces
Landform position (three-dimensional): Interfluvial
Down-slope shape: Linear
Across-slope shape: Linear
Parent material: No parent material

Interpretive groups

Land capability classification (irrigated): None specified
Forage suitability group: Forage suitability group not assigned (G155XB999FL)
Other vegetative classification: Forage suitability group not assigned (G155XB999FL)
Hydric soil rating: Unranked

Minor Components

Frapp

Percent of map unit: 5 percent
Landform: Dunes on marine terraces
Landform position (three-dimensional): Side slope, interfluvial
Down-slope shape: Convex
Across-slope shape: Linear
Other vegetative classification: Forage suitability group not assigned (G155XB999FL)
Hydric soil rating: No

Satellite

Percent of map unit: 5 percent
Landform: Swales on marine terraces, flats on marine terraces
Landform position (three-dimensional): Talf
Down-slope shape: Convex
Across-slope shape: Linear
Other vegetative classification: Forage suitability group not assigned
(G155XB999FL)
Hydric soil rating: No

58—EauGallie fine sand

Map Unit Setting

National map unit symbol: 1hqk0
Elevation: 0 to 30 feet
Mean annual precipitation: 49 to 57 inches
Mean annual air temperature: 66 to 73 degrees F
Frost-free period: 282 to 312 days
Farmland classification: Not prime farmland

Map Unit Composition

Eaugallie, nonhydric, and similar soils: 70 percent
Eaugallie, hydric, and similar soils: 15 percent
Minor components: 15 percent
Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Eaugallie, Nonhydric

Setting

Landform: Knolls on marine terraces, rises on marine terraces
Landform position (three-dimensional): Interfluve
Down-slope shape: Convex
Across-slope shape: Linear
Parent material: Sandy and loamy marine deposits

Typical profile

A - 0 to 6 inches: fine sand
E - 6 to 17 inches: fine sand
Bh - 17 to 23 inches: fine sand
B/E - 23 to 53 inches: fine sand
Btg - 53 to 58 inches: fine sandy loam
Cg - 58 to 80 inches: fine sand

Properties and qualities

Slope: 0 to 2 percent
Depth to restrictive feature: More than 80 inches
Drainage class: Poorly drained
Runoff class: High

Custom Soil Resource Report

Capacity of the most limiting layer to transmit water (Ksat): Moderately low to high
(0.06 to 1.98 in/hr)

Depth to water table: About 6 to 18 inches

Frequency of flooding: None

Frequency of ponding: None

Maximum salinity: Nonsaline to very slightly saline (0.0 to 2.0 mmhos/cm)

Sodium adsorption ratio, maximum: 4.0

Available water supply, 0 to 60 inches: Low (about 4.1 inches)

Interpretive groups

Land capability classification (irrigated): None specified

Land capability classification (nonirrigated): 4w

Hydrologic Soil Group: A/D

Ecological site: F155XY120FL - Sandy Flatwoods and Hammocks

Forage suitability group: Sandy soils on flats of mesic or hydric lowlands
(G155XB141FL)

Other vegetative classification: Sandy soils on flats of mesic or hydric lowlands
(G155XB141FL)

Hydric soil rating: No

Description of Eaugallie, Hydric

Setting

Landform: Flats on marine terraces

Landform position (three-dimensional): Talf

Down-slope shape: Linear

Across-slope shape: Linear

Parent material: Sandy and loamy marine deposits

Typical profile

A - 0 to 6 inches: fine sand

E - 6 to 17 inches: fine sand

Bh - 17 to 23 inches: fine sand

B/E - 23 to 53 inches: fine sand

Btg - 53 to 58 inches: fine sandy loam

Cg - 58 to 80 inches: fine sand

Properties and qualities

Slope: 0 to 2 percent

Depth to restrictive feature: More than 80 inches

Drainage class: Poorly drained

Runoff class: High

Capacity of the most limiting layer to transmit water (Ksat): Moderately low to high
(0.06 to 1.98 in/hr)

Depth to water table: About 0 to 12 inches

Frequency of flooding: None

Frequency of ponding: None

Maximum salinity: Nonsaline to very slightly saline (0.0 to 2.0 mmhos/cm)

Sodium adsorption ratio, maximum: 4.0

Available water supply, 0 to 60 inches: Low (about 4.1 inches)

Interpretive groups

Land capability classification (irrigated): None specified

Land capability classification (nonirrigated): 4w

Hydrologic Soil Group: A/D

Ecological site: F155XY120FL - Sandy Flatwoods and Hammocks

Custom Soil Resource Report

Forage suitability group: Sandy soils on flats of mesic or hydric lowlands
(G155XB141FL)

Other vegetative classification: Sandy soils on flats of mesic or hydric lowlands
(G155XB141FL)

Hydric soil rating: Yes

Minor Components

Riviera, hydric

Percent of map unit: 5 percent

Landform: Flats on marine terraces

Landform position (three-dimensional): Talf

Down-slope shape: Linear

Across-slope shape: Linear

Ecological site: F155XY130FL - Sandy over Loamy Flatwoods and Hammocks

Other vegetative classification: Sandy over loamy soils on flats of hydric or mesic
lowlands (G155XB241FL)

Hydric soil rating: Yes

Myakka, nonhydric

Percent of map unit: 5 percent

Landform: Flatwoods on marine terraces

Landform position (three-dimensional): Talf

Down-slope shape: Convex

Across-slope shape: Linear

Ecological site: F155XY120FL - Sandy Flatwoods and Hammocks

Other vegetative classification: Sandy soils on flats of mesic or hydric lowlands
(G155XB141FL)

Hydric soil rating: No

Wabasso

Percent of map unit: 5 percent

Landform: Flatwoods on marine terraces

Landform position (three-dimensional): Talf

Down-slope shape: Linear

Across-slope shape: Linear

Ecological site: F155XY120FL - Sandy Flatwoods and Hammocks

Other vegetative classification: Sandy soils on flats of mesic or hydric lowlands
(G155XB141FL)

Hydric soil rating: No

62—Floridana fine sand, 0 to 2 percent slopes

Map Unit Setting

National map unit symbol: 2sm50

Elevation: 0 to 100 feet

Mean annual precipitation: 44 to 60 inches

Mean annual air temperature: 70 to 77 degrees F

Frost-free period: 350 to 365 days

Custom Soil Resource Report

Farmland classification: Farmland of unique importance

Map Unit Composition

Floridana and similar soils: 92 percent

Minor components: 8 percent

Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Floridana

Setting

Landform: Flats on marine terraces, drainageways on marine terraces, depressions on marine terraces

Landform position (three-dimensional): Tread, talf, dip

Down-slope shape: Linear, concave

Across-slope shape: Linear, concave

Parent material: Sandy and loamy marine deposits

Typical profile

A - 0 to 15 inches: fine sand

E - 15 to 32 inches: fine sand

Btg - 32 to 65 inches: fine sandy loam

Cg - 65 to 80 inches: fine sand

Properties and qualities

Slope: 0 to 2 percent

Depth to restrictive feature: More than 80 inches

Drainage class: Very poorly drained

Runoff class: Negligible

Capacity of the most limiting layer to transmit water (Ksat): Moderately low to moderately high (0.06 to 0.20 in/hr)

Depth to water table: About 0 inches

Frequency of flooding: None

Frequency of ponding: Frequent

Maximum salinity: Nonsaline to very slightly saline (0.0 to 2.0 mmhos/cm)

Sodium adsorption ratio, maximum: 4.0

Available water supply, 0 to 60 inches: Moderate (about 6.2 inches)

Interpretive groups

Land capability classification (irrigated): None specified

Land capability classification (nonirrigated): 3w

Hydrologic Soil Group: C/D

Ecological site: R155XY080FL - Sandy over Loamy Freshwater Isolated Marshes and Swamps

Forage suitability group: Sandy over loamy soils on flats of hydric or mesic lowlands (G155XB241FL)

Other vegetative classification: Freshwater Marshes and Ponds (R155XY010FL), Sandy over loamy soils on flats of hydric or mesic lowlands (G155XB241FL)

Hydric soil rating: Yes

Minor Components

Felda

Percent of map unit: 4 percent

Landform: Flatwoods on marine terraces, drainageways on marine terraces

Landform position (three-dimensional): Tread, talf, dip

Down-slope shape: Linear

Across-slope shape: Linear, concave

Custom Soil Resource Report

Ecological site: F155XY130FL - Sandy over Loamy Flatwoods and Hammocks
Other vegetative classification: Slough (R155XY011FL), Sandy over loamy soils on flats of hydric or mesic lowlands (G155XB241FL)
Hydric soil rating: Yes

Wabasso

Percent of map unit: 2 percent
Landform: Flatwoods on marine terraces
Landform position (three-dimensional): Tread, talf
Down-slope shape: Linear, convex
Across-slope shape: Linear
Ecological site: F155XY120FL - Sandy Flatwoods and Hammocks
Other vegetative classification: South Florida Flatwoods (R155XY003FL), Sandy soils on flats of mesic or hydric lowlands (G155XB141FL)
Hydric soil rating: No

Samsula

Percent of map unit: 2 percent
Landform: Depressions on marine terraces
Landform position (three-dimensional): Tread, dip
Down-slope shape: Concave
Across-slope shape: Concave
Ecological site: R155XY100FL - Organic Freshwater Isolated Marshes and Swamps
Other vegetative classification: Freshwater Marshes and Ponds (R155XY010FL), Organic soils in depressions and on flood plains (G155XB645FL)
Hydric soil rating: Yes

63—Placid fine sand

Map Unit Setting

National map unit symbol: 1hqk4
Elevation: 10 to 100 feet
Mean annual precipitation: 49 to 57 inches
Mean annual air temperature: 66 to 73 degrees F
Frost-free period: 282 to 312 days
Farmland classification: Farmland of unique importance

Map Unit Composition

Placid and similar soils: 85 percent
Minor components: 15 percent
Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Placid

Setting

Landform: Flats on marine terraces
Landform position (three-dimensional): Talf
Down-slope shape: Linear
Across-slope shape: Linear

Custom Soil Resource Report

Parent material: Sandy marine deposits

Typical profile

A - 0 to 12 inches: fine sand

C - 12 to 80 inches: fine sand

Properties and qualities

Slope: 0 to 2 percent

Depth to restrictive feature: More than 80 inches

Drainage class: Very poorly drained

Runoff class: Negligible

Capacity of the most limiting layer to transmit water (Ksat): High to very high (5.95 to 19.98 in/hr)

Depth to water table: About 0 to 6 inches

Frequency of flooding: None

Frequency of ponding: None

Maximum salinity: Nonsaline to very slightly saline (0.0 to 2.0 mmhos/cm)

Sodium adsorption ratio, maximum: 4.0

Available water supply, 0 to 60 inches: Low (about 5.5 inches)

Interpretive groups

Land capability classification (irrigated): None specified

Land capability classification (nonirrigated): 3w

Hydrologic Soil Group: A/D

Ecological site: R155XY070FL - Sandy Freshwater Isolated Marshes and Swamps

Forage suitability group: Sandy soils on flats of mesic or hydric lowlands (G155XB141FL)

Other vegetative classification: Sandy soils on flats of mesic or hydric lowlands (G155XB141FL)

Hydric soil rating: Yes

Minor Components

Ellzey, hydric

Percent of map unit: 4 percent

Landform: Flats on marine terraces

Landform position (three-dimensional): Talf

Down-slope shape: Linear

Across-slope shape: Linear

Ecological site: F155XY120FL - Sandy Flatwoods and Hammocks

Other vegetative classification: Sandy soils on flats of mesic or hydric lowlands (G155XB141FL)

Hydric soil rating: Yes

Floridana, hydric

Percent of map unit: 4 percent

Landform: Flats on marine terraces

Landform position (three-dimensional): Talf

Down-slope shape: Linear

Across-slope shape: Linear

Ecological site: R155XY080FL - Sandy over Loamy Freshwater Isolated Marshes and Swamps

Other vegetative classification: Sandy over loamy soils on flats of hydric or mesic lowlands (G155XB241FL)

Hydric soil rating: Yes

Holopaw, hydric

Percent of map unit: 4 percent

Landform: Flats on marine terraces

Landform position (three-dimensional): Talf

Down-slope shape: Linear

Across-slope shape: Linear

Ecological site: R155XY070FL - Sandy Freshwater Isolated Marshes and Swamps

Other vegetative classification: Sandy soils on flats of mesic or hydric lowlands
(G155XB141FL)

Hydric soil rating: Yes

Tocoi, hydric

Percent of map unit: 3 percent

Landform: Flats on marine terraces

Landform position (three-dimensional): Talf

Down-slope shape: Linear

Across-slope shape: Linear

Ecological site: F155XY120FL - Sandy Flatwoods and Hammocks

Other vegetative classification: Sandy soils on flats of mesic or hydric lowlands
(G155XB141FL)

Hydric soil rating: Yes

65—Riviera fine sand

Map Unit Setting

National map unit symbol: 1hqk6

Elevation: 0 to 100 feet

Mean annual precipitation: 49 to 57 inches

Mean annual air temperature: 66 to 73 degrees F

Frost-free period: 282 to 312 days

Farmland classification: Farmland of unique importance

Map Unit Composition

Riviera, nonhydric, and similar soils: 60 percent

Riviera, hydric, and similar soils: 25 percent

Minor components: 15 percent

Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Riviera, Nonhydric

Setting

Landform: Flats on marine terraces

Landform position (three-dimensional): Talf

Down-slope shape: Convex

Across-slope shape: Linear

Parent material: Sandy and loamy marine deposits

Typical profile

A - 0 to 6 inches: fine sand

E - 6 to 28 inches: fine sand

Custom Soil Resource Report

E and Bt - 28 to 40 inches: sandy clay loam
Bt - 40 to 62 inches: sandy clay loam
2Cg - 62 to 80 inches: loamy fine sand

Properties and qualities

Slope: 0 to 2 percent
Depth to restrictive feature: More than 80 inches
Drainage class: Poorly drained
Runoff class: High
Capacity of the most limiting layer to transmit water (Ksat): Moderately low to moderately high (0.06 to 0.20 in/hr)
Depth to water table: About 6 to 18 inches
Frequency of flooding: None
Frequency of ponding: None
Calcium carbonate, maximum content: 5 percent
Maximum salinity: Nonsaline to very slightly saline (0.0 to 2.0 mmhos/cm)
Sodium adsorption ratio, maximum: 4.0
Available water supply, 0 to 60 inches: Moderate (about 6.2 inches)

Interpretive groups

Land capability classification (irrigated): None specified
Land capability classification (nonirrigated): 3w
Hydrologic Soil Group: C/D
Ecological site: F155XY130FL - Sandy over Loamy Flatwoods and Hammocks
Forage suitability group: Sandy over loamy soils on flats of hydric or mesic lowlands (G155XB241FL)
Other vegetative classification: Sandy over loamy soils on flats of hydric or mesic lowlands (G155XB241FL)
Hydric soil rating: No

Description of Riviera, Hydric

Setting

Landform: Flats on marine terraces
Landform position (three-dimensional): Talf
Down-slope shape: Linear
Across-slope shape: Linear
Parent material: Sandy and loamy marine deposits

Typical profile

A - 0 to 6 inches: fine sand
E - 6 to 28 inches: fine sand
E and Bt - 28 to 40 inches: sandy clay loam
Bt - 40 to 62 inches: sandy clay loam
2Cg - 62 to 80 inches: loamy fine sand

Properties and qualities

Slope: 0 to 2 percent
Depth to restrictive feature: More than 80 inches
Drainage class: Poorly drained
Runoff class: High
Capacity of the most limiting layer to transmit water (Ksat): Moderately low to moderately high (0.06 to 0.20 in/hr)
Depth to water table: About 0 to 12 inches
Frequency of flooding: None
Frequency of ponding: None
Calcium carbonate, maximum content: 5 percent

Custom Soil Resource Report

Maximum salinity: Nonsaline to very slightly saline (0.0 to 2.0 mmhos/cm)

Sodium adsorption ratio, maximum: 4.0

Available water supply, 0 to 60 inches: Moderate (about 6.2 inches)

Interpretive groups

Land capability classification (irrigated): None specified

Land capability classification (nonirrigated): 3w

Hydrologic Soil Group: C/D

Ecological site: F155XY130FL - Sandy over Loamy Flatwoods and Hammocks

Forage suitability group: Sandy over loamy soils on flats of hydric or mesic lowlands (G155XB241FL)

Other vegetative classification: Sandy over loamy soils on flats of hydric or mesic lowlands (G155XB241FL)

Hydric soil rating: Yes

Minor Components

Pompano, nonhydric

Percent of map unit: 5 percent

Landform: Flats on marine terraces

Landform position (three-dimensional): Talf

Down-slope shape: Convex

Across-slope shape: Linear

Ecological site: F155XY120FL - Sandy Flatwoods and Hammocks

Other vegetative classification: Sandy soils on flats of mesic or hydric lowlands (G155XB141FL)

Hydric soil rating: No

Floridana, hydric

Percent of map unit: 5 percent

Landform: Flats on marine terraces

Landform position (three-dimensional): Talf

Down-slope shape: Linear

Across-slope shape: Linear

Ecological site: R155XY080FL - Sandy over Loamy Freshwater Isolated Marshes and Swamps

Other vegetative classification: Sandy over loamy soils on flats of hydric or mesic lowlands (G155XB241FL)

Hydric soil rating: Yes

Holopaw, hydric

Percent of map unit: 5 percent

Landform: Flats on marine terraces

Landform position (three-dimensional): Talf

Down-slope shape: Linear

Across-slope shape: Linear

Ecological site: F155XY120FL - Sandy Flatwoods and Hammocks

Other vegetative classification: Sandy soils on flats of mesic or hydric lowlands (G155XB141FL)

Hydric soil rating: Yes

69—Bakersville muck

Map Unit Setting

National map unit symbol: 1hqkb

Elevation: 0 to 50 feet

Mean annual precipitation: 49 to 57 inches

Mean annual air temperature: 66 to 73 degrees F

Frost-free period: 282 to 312 days

Farmland classification: Not prime farmland

Map Unit Composition

Bakersville and similar soils: 100 percent

Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Bakersville

Setting

Landform: Depressions on marine terraces

Landform position (three-dimensional): Dip

Down-slope shape: Concave

Across-slope shape: Concave

Parent material: Sandy and loamy marine deposits

Typical profile

Oa - 0 to 5 inches: muck

A - 5 to 41 inches: loamy fine sand

B - 41 to 59 inches: fine sandy loam

B/Cg - 59 to 86 inches: loamy fine sand

Properties and qualities

Slope: 0 to 2 percent

Depth to restrictive feature: More than 80 inches

Drainage class: Very poorly drained

Runoff class: Negligible

Capacity of the most limiting layer to transmit water (Ksat): Moderately high to high
(0.57 to 1.98 in/hr)

Depth to water table: About 0 to 12 inches

Frequency of flooding: None

Frequency of ponding: Frequent

Maximum salinity: Nonsaline to very slightly saline (0.0 to 2.0 mmhos/cm)

Sodium adsorption ratio, maximum: 4.0

Available water supply, 0 to 60 inches: High (about 9.3 inches)

Interpretive groups

Land capability classification (irrigated): None specified

Land capability classification (nonirrigated): 6w

Hydrologic Soil Group: A/D

Ecological site: R155XY100FL - Organic Freshwater Isolated Marshes and Swamps

Custom Soil Resource Report

Forage suitability group: Organic soils in depressions and on flood plains
(G155XB645FL)

Other vegetative classification: Organic soils in depressions and on flood plains
(G155XB645FL)

Hydric soil rating: Yes

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Custom Soil Resource Report

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APPENDIX F

QUALIFICATIONS OF ENVIRONMENTAL PROFESSIONALS

YEARS WITH COMPANY

13 Years

TOTAL YEARS OF EXPERIENCE

13 Years

OFFICE

Jacksonville, FL

ACADEMIC BACKGROUND

- BA, Geology, Georgia Southern University, 2009
- Minor, Geographic Information Systems (GIS), Georgia Southern University, 2009

REGISTRATIONS/CERTIFICATIONS

- Registered Professional Geologist:
Florida #PG2948
Georgia #PG002225
Mississippi #0977

PROFESSIONAL TRAINING

- Occupational Safety and Health Administration (OSHA) 40-hr. Hazardous Waste Operations and Emergency Response (HAZWOPER)
- Operations Security (OPSEC) Awareness for Military Members, Department of Defense (DoD) Employees and Contractors
- OSHA Permit-Required Confined Spaces Radiation Safety and Operation of Portable X-ray fluorescence (XRF) Analyzers
- Transport of Lithium Ion Batteries
- Transport of Radioactive Sealed Sources in XRF Analyzers
- Cardiopulmonary Resuscitation (CPR)/First Aid/Automated External Defibrillators (AED)
- Bloodborne Pathogens

Mr. Ashman has more than 12 years of experience in the environmental industry. He has actively participated in a wide range of environmental applications, including Phase I/II Environmental Site Assessments (ESAs), Transaction Screen Process (TSPs), contamination screening evaluations (CSEs) for corridor studies along right-of-ways, environmental reviews for neighborhood stabilization program areas, Environmental Compliance Evaluations (ECEs), and Emergency Planning and Community Right-to-Know Act (EPCRA) Section 311/312/313 compliance. Mr. Ashman's responsibilities have included site inspections, field sampling, and report writing as part of environmental due diligence projects. Mr. Ashman also has experience in collecting, analyzing, and compiling field data and has prepared technical reports, including Phase I/II ESAs. As part of Phase I ESAs, he has performed preliminary asbestos-containing material, lead-based paint, mold, and wetland evaluations. As part of Phase II ESAs, he has experience performing soil boring completion, soil screening using an organic vapor analyzer, soil sampling, groundwater well installation, groundwater monitoring, groundwater sampling, and sediment sampling.

Experience Highlights

CSE, Interstate 10 (I-10) Capacity Improvements from I-295 to I-95, FDOT District 2, Jacksonville, FL – Project Scientist and GIS Technician for a Level 1 CSE along a five-mile stretch of I-10 between I-295 and I-95. The proposed construction activities for the subject corridor consisted of the widening and reconstruction of I-10 by adding two general-purpose lanes in each travel direction. We identified a total of 74 sites as having the potential to impact the subject corridor and evaluated multiple proposed pond sites along the subject corridor. The assessment was completed in accordance with the Florida Department of Transportation (FDOT) Project Development and Environment (PD&E) Manual.

CSE, I-95 from SR 202 (J. Turner Butler Boulevard) to Atlantic Boulevard, FDOT District 2, Jacksonville, FL – Project Scientist and GIS Technician for a Level 1 CSE along a 5.5-mile stretch of I-95 between SR 202 and Atlantic Boulevard. The proposed construction activities for the subject corridor consisted of the widening and reconstruction of I-95 in order to provide express lanes. A total of 38 pond sites were proposed along the subject corridor. We evaluated the proposed pond sites and identified and ranked a total of 59 potential contaminated sites as part of the Level 1 CSE.

Limited Desktop CSE, I-95 Widening from I-10 to SR 115 (US 1) MLK, FDOT District 2, Jacksonville, FL – Environmental Specialist and GIS Technician for a Limited Desktop CSE along an approximate 3-mile stretch of I-95 between I-10 and US 1. The purpose of this limited study was to widen and reconstruct I-95 by adding general-purpose lanes in each travel direction. We identified a total of 68 potential contaminated sites within 200 feet of the existing FDOT right-of-way.

CSE, Interstate 95 (I-95) Widening from I-295 to International Golf Parkway, FDOT District 2, Duval and St. Johns Counties, Florida – Project Scientist and GIS Technician for a Level 1 CSE along an approximate 15-mile corridor of I-95 between I-295 and International Golf Parkway. The proposed construction activities for the subject corridor consisted of the widening and reconstruction of I-95 in order to provide express lanes. A total of 27 pond sites were proposed along the subject corridor as part of the construction activities. Aerostar identified several sites as having the potential to impact the subject corridor.

CSE, SR 99 (Beulah Road) and SR 8 (I-10), FDOT District 3, Escambia County, Florida – Project Manager and GIS Technician for a Level 1 CSE along Beulah Road and I-10. The purpose of this study was to widen and extend Beulah Road, widen I-10, and construct a new interchange at the intersection of the Beulah Beltway and I-10. A total of 19 proposed pond sites and 10 potential contaminated sites were evaluated as part of this study.

CSE, SR 115 (Lem Turner Road) over Trout River Bridge #720033, FDOT District 2, Jacksonville, Florida – Project Manager and GIS Technician for a Level 1 CSE along Lem Turner Road. The purpose of this study was to replace the Lem Turner Road bridge over the Trout River. Two alternatives were evaluated as part of this Level 1 CSE. A total of nine sites were identified in the vicinity of the subject corridor.

CSE, Rehabilitation Study, Along SR 5A/A1A/US 1 from the Bridge of Lions to Charlotte Street, FDOT District 2, St. Johns County, Florida – Project Scientist and GIS Technician for a Level 1 CSE along the seawall from the Bridge of Lions to Charlotte Street in St. Augustine. The proposed construction activities included repairing and/or replacing the existing seawall. Aerostar identified several sites in the vicinity of the seawall with the potential to impact rehabilitation activities. Aerostar conducted a thorough review of historical documentation as part of the CSE due to its proximity to historical downtown St. Augustine.

Miscellaneous Phase I ESAs and TSPs, Southeastern US – Geologist for multiple Phase I ESAs and TSPs on vacant land, managed forests, residential, commercial, and industrial properties in Alabama, Florida, Georgia, Mississippi, and Tennessee with property sizes ranging up to 6,500 acres.

EPCRA Sections 311/312/313 Compliance Support, United States Army Corps of Engineers (USACE), Fort Belvoir, VA – Project Manager on EPCRA compliance projects at Fort Belvoir. Conducted site inspections and interviews, developed inventory summaries, and prepared and reviewed necessary reporting forms, submittals, and compliance documentation.

ECEs, Headquarters United States Marine Corps (USMC), CH2M Hill, Various Marine Corps Installations – Evaluator II for the USMC ECE Program at the following installations: Marine Corps Air Ground Combat Center (MCAGCC) 29 Palms, Marine Corps Air Station (MCAS) Beaufort, MCAS Camp Pendleton, MCAS Cherry Point, MCAS Iwakuni, MCAS Miramar, MCAS New River, MCAS Yuma, Marine Corps Base Camp (MCB) Camp Lejeune, MCB Camp Pendleton, MCB Hawaii, MCB Quantico, Marine Corps Logistics Base (MCLB) Albany, MCLB Barstow, Marine Corps Recruit Depot (MCRD) Parris Island, and Marine Corps Support Facility (MCSF) Blount Island. Project responsibilities included evaluating USMC installation and unit environmental compliance and assessing risks. Findings were input into the USMC Web Compliance Assessment & Sustainment Systems (WEBCASS) application.

YEARS WITH COMPANY

20 Years

TOTAL YEARS OF EXPERIENCE

30 Years

OFFICE

Jacksonville, FL

ACADEMIC BACKGROUND

- MS, Environmental Engineering Science, University of Florida, 1993
- BS, Geography, University of Florida, 1989

REGISTRATIONS/CERTIFICATIONS

- Environmental Protection Agency (EPA) Asbestos Hazard Emergency Response Agency (AHERA)-Certified Asbestos Inspector
- EPA AHERA-Certified Asbestos Management Planner
- Florida Department of Health (FDOH)-Certified Radon Measurement Technician

PROFESSIONAL TRAINING

- Occupational Safety and Health Administration (OSHA) 30-hr. Construction Safety and Health
- OSHA 40-hr. Hazardous Waste Operations and Emergency Response (HAZWOPER) and 8-hr. Refreshers
- United States Army Corps of Engineers (USACE)/Naval Facilities (NAVFAC) Construction Quality Management
- Operations and Security (OPSEC) Awareness for Military Members, Department of Defense (DoD) Employees and Contractors
- OSHA Permit-Required Confined Spaces
- First Aid/Cardiopulmonary Resuscitation (CPR)/Automated External Defibrillators (AED)
- Bloodborne Pathogens
- Lead Awareness

Mr. Redway has more than 30 years of experience as an environmental scientist for all aspects of environmental projects including environmental compliance/risk management, Phase I/II Environmental Site Assessments (ESAs), United States Department of Housing and Urban Development (HUD) assessments, FDOT contamination screening evaluations (CSEs), contamination assessments, remedial action plans, asbestos and lead-based paint (LBP) assessments, indoor air quality, and Quality Assurance/Quality Control (QA/QC) for environmental and construction projects. Mr. Redway has extensive experience in contract management, proposal preparation, client/regulatory interaction, technical oversight, supervision and collection of field data, and report preparation.

Experience Highlights

Environmental Site Assessment (ESA) Services Contract, FDEP – Program Manager (2005-present) for a contract to provide ESA services throughout Florida for the acquisition of conservation and recreation lands under the Florida Forever Act. Services provided under this contract include: Phase I and II ESAs; and asbestos, LBP, mold and radon surveys.

City of Jacksonville Contamination Assessment and Remediation (CAR) Contract, Jacksonville, Florida – Program Manager (2003-2006, 2010-2013, 2020-present) for a contract providing environmental services to the City of Jacksonville. Services provided include - Phase I and II ESAs; asbestos, LBP, mold and radon surveys; contaminated soil source removals; contamination assessment and remedial action services; emergency response actions; SPCC plans; and SWPPPs; incinerator ash management and remediation; and hazardous materials management.

Environmental Services Contract, St. Johns River Water Management District (SJRWMD) – Program Manager (2005-2023) for a contract providing environmental services throughout their 18-county footprint for the acquisition of conservation and recreation lands. Services provided under these contracts include: Phase I and II ESAs; asbestos, LBP, mold and radon surveys; contaminated soil source removals; contamination assessment and remedial action services.

Environmental Services Contract, Jacksonville Electric Authority (JEA) – Program Manager (2018-present) for a contract providing environmental services throughout their footprint of responsibility in northeast Florida. Services provided include: Phase I and II ESAs; asbestos, LBP, mold and radon surveys; contaminated soil source removals; contamination assessment and remedial action services; emergency response actions; natural resource surveys (threatened and endangered species surveys, gopher tortoise relocation, wetland delineations); spill pollution control and countermeasures (SPCC) plans; and stormwater pollution prevention plans (SWPPPs).

Neighborhood Stabilization Program, City of Jacksonville (COJ), FL – Program Manager for over 200 HUD Environmental Assessments (EAs), asbestos, mold, and LBP surveys for the COJ's Neighborhood Stabilization Program. Checklist evaluations include: historic preservation, noise, coastal zone management, floodplain management, and hazardous materials.

QC/Independent Technical Review Team (ITRT) Leader, Various DoD Projects – Quality Control/ITRT Leader for numerous DoD projects, responsible for independent technical review of work plans and technical reports that are appropriate to the level of risk and complexity inherent in the project, as defined in the Quality Control Plan. During the independent technical review, compliance with established policy principles and procedures, utilizing justified and valid assumptions, is verified. This includes review of assumptions; methods, procedures and material used in analyses; the appropriateness of data used and level of data obtained; and reasonableness of the results including whether the product meets the customer's needs consistent with laws and existing federal policies. Projects include Preliminary Assessments for Formerly Used Defense (FUDS) sites, a Remedial Investigation/Feasibility Study (RI/FS) for a former NIKE Missile site, development and long-term monitoring of an Oyster Castle Habitat, and Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) five-year reviews for various DoD facilities.

Level II Contamination Impact Assessment (CIA), Wekiva Parkway/State Road (SR) 46 Realignment Corridor, FDOT District 5, Orange and Lake Counties, FL – Project Director for soil and groundwater sampling activities along a 4.79-mile roadway corridor in Lake and Orange counties. Prior to initiation of field activities, a Sampling and Analysis Plan was prepared documenting sampling procedures and laboratory analyses for the various types of properties along the corridor. Field activities included the advancement of 48 soil borings, collection and laboratory analysis of 14 soil samples, installation of 6 temporary wellpoints, and the collection and laboratory analysis of 6 groundwater samples. The results of the investigation were presented in a CIA Report.

Asbestos-Containing Materials (ACM), LBP, and Hazardous Materials (HM) Surveys, Wekiva Parkway Improvements, CH2M Hill, Orange, Lake, and Seminole Counties, FL – Project Director for ACM, LBP, and HM Surveys for demolition of structures which would be impacted by improvements to the Wekiva Parkway in Lake, Orange, and Seminole counties. Surveys were conducted on 80 buildings to evaluate for the presence of ACM, LBP, and HMs in the structures by AHERA- and EPA-certified inspectors under the direction of a Licensed Asbestos Consultant (LAC).

Remedial Services, Fort Jefferson, National Park Service, Dry Tortugas, FL – Project Director for maintenance dredging and shoreline stabilization activities at historic Ft. Jefferson National Park, an 11-acre fort located within the Dry Tortugas National Park. The project consisted of dredging approximately 4,000 cubic yards from the moat and along the existing docks, and using the dredged sand to stabilize the existing shoreline. The project required preparation and submittal of permits, and coordination with the National Park Service (NPS), Florida Department of Environmental Protection (FDEP), the USACE, and the National Marine Fisheries (NMF). The project also required extensive coordination for delivery of heavy equipment and supplies to enable field crews to live on the island for extended periods of time. Field activities included dredging and placement of sand, erection of measures to protect natural (fish and wildlife) and architectural resources.

Soil and Groundwater Investigation, Operating Golf Course, Northeast FL – Project Director for a soil and groundwater investigation at an operating golf course in northeast Florida. The assessment focused on impacts

to the soil and groundwater in historic possible mix/load pesticide areas. Assessment activities included the collection and laboratory analysis of over 100 soil samples, the installation of over 30 monitor wells, the collection and laboratory analysis of groundwater samples, the collection and laboratory analysis of surface water and irrigation well samples, and an evaluation of potential off-site receptors.