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February 24, 2025
File: 203722919.1H24

Mr. Michael Buchanan
State of New Mexico
EMNRD – Oil Conservation Division
506 West Texas Avenue
Artesia, New Mexico 88210

**Reference: First Half 2024 Groundwater Monitoring and Status Report, Former Gladiola Station,
Lea County, New Mexico, OCD No. AP038**

Dear Mr. Buchanan,

At the request of ExxonMobil Environmental and Property Solutions, on behalf of ExxonMobil Pipeline Company LLC, Stantec Consulting Services Inc. (Stantec) is submitting the *First Half 2024 Groundwater Monitoring and Status Report* for the subject site. The format used for the report consolidates groundwater sampling (where applicable) and consultant progress updates into one summary report. Please contact me using the contact information listed below.

Regards,

Stantec

A handwritten signature in black ink that reads "James Anderson".

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c. Mr. Chris Bear, ExxonMobil Environmental and Property Solutions Company

Design with community in mind



**First Half 2024 Groundwater
Monitoring and Status Report**

Former Gladiola Station
Lea County, New Mexico
OCD No. AP038

February 24, 2025

Prepared for:

ExxonMobil Environmental and Property
Solutions Company

Prepared by:

Stantec Consulting Services Inc.

File: 203722919.1H24



FIRST HALF 2024 GROUNDWATER MONITORING AND STATUS REPORT

Former Gladiola Station

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James Anderson
Senior Program Manager



(signature)



FIRST HALF 2024 GROUNDWATER MONITORING AND STATUS REPORT
Former Gladiola Station

Table of Contents

ACRONYMS IV

1.0 INTRODUCTION.....1

2.0 SITE DESCRIPTION.....1

3.0 GEOLOGY AND HYDROGEOLOGY 1

4.0 REGULATORY FRAMEWORK AND SITE CLASSIFICATION 2

5.0 PREVIOUS WORK 4

5.1 PUMPING STATION ACTIVITIES 4

5.2 SITE ASSESSMENT ACTIVITIES 4

5.3 REMEDIATION ACTIVITIES.....5

5.4 GROUNDWATER MONITORING ACTIVITIES 5

6.0 FIELD ACTIVITIES 5

6.1 MONITORING WELL GAUGING AND PURGING.....6

6.2 MONITORING WELL SAMPLING 6

6.3 NAPL BAILING.....7

6.4 WASTE MANAGEMENT.....7

7.0 RESULTS AND CONCLUSIONS 7

7.1 NON-AQUEOUS PHASE LIQUID 7

7.2 GROUNDWATER LEVELS AND FLOW DIRECTION 7

7.3 GROUNDWATER CONCENTRATIONS.....7

8.0 RECOMMENDATIONS.....8

9.0 ACTIVITIES PLANNED FOR SECOND HALF OF 2024.....8

10.0 REFERENCES.....8



FIRST HALF 2024 GROUNDWATER MONITORING AND STATUS REPORT

Former Gladiola Station

FIGURES

Plate 1	Site Location Map
Plate 2	Generalized Site Plan
Plate 3	Groundwater Elevation Map 06/01-04/24
Plate 4	Groundwater Analytical Results – Petroleum Hydrocarbons June 2024
Plate 5	Groundwater Analytical Results – Metals and Additional Parameters June 2024

GRAPHS

Graphs	NAPL Thickness and Groundwater Depth vs. Time for MW-1 through MW-38

TABLES

Table 1	Water Level Measurements and Groundwater Analyses
Table 2	Groundwater Analytical Results for PAHs
Table 3	Groundwater Analytical Results for Metals and Additional Parameters
Table 4	Cumulative Water Level Measurements and Groundwater Analyses
Table 5	Cumulative Groundwater Analytical Results for PAHs
Table 6	Cumulative Groundwater Analytical Results for Metals and Additional Parameters
Table 7	Cumulative Constituents Detected in Groundwater by Full Scan 8260B
Table 8	NAPL Recovery Results

APPENDICES

Appendix A	Field Data Sheets
Appendix B	Laboratory Analytical Reports
Appendix C	Recycling Documentation



FIRST HALF 2024 GROUNDWATER MONITORING AND STATUS REPORT

Former Gladiola Station

Acronyms

µg/L	Micrograms per liter	NAPL	Non-aqueous phase liquid
µg/m ³	Micrograms per cubic meter	NEPA	National Environmental Policy Act
µs	Microsiemens	NGVD	National Geodetic Vertical Datum
1,2-DCA	1,2-dichloroethane	NPDES	National Pollutant Discharge Elimination System
Acfm	Actual cubic feet per minute	O&M	Operations and Maintenance
AS	Air sparge	ORP	Oxidation-reduction potential
AST	Aboveground storage tank	OSHA	Occupational Safety and Health Administration
Bgs	Below ground surface	OVA	Organic vapor analyzer
BTEX	Benzene, toluene, ethylbenzene, and total xylenes	P&ID	Process and Instrumentation Diagram
Cfm	Cubic feet per minute	PAH	Polycyclic aromatic (or polyaromatic) hydrocarbon
COC	Chain-of-Custody	PCB	Polychlorinated biphenyl
CPT	Cone Penetration (Penetrometer) Test	PCE	Tetrachloroethene or perchloroethylene
DIPE	Di-isopropyl ether	PID	Photo-ionization detector
DO	Dissolved oxygen	PLC	Programmable logic control
DOT	Department of Transportation	POTW	Publicly-owned treatment works
DPE	Dual-phase extraction	ppmv	Parts per million by volume
DTW	Depth to water	PQL	Practical quantitation limit
EDB	1,2-dibromoethane	psi	Pounds per square inch
EPA	Environmental Protection Agency	PVC	Polyvinyl chloride
ESL	Environmental screening level	QA/QC	Quality assurance/quality control
ETBE	Ethyl tertiary butyl ether	RBSL	Risk-based screening levels
FID	Flame-ionization detector	RCRA	Resource Conservation and Recovery Act
Fpm	Feet per minute	RL	Reporting limit
GAC	Granular activated carbon	scfm	Standard cubic feet per minute
Gpd	Gallons per day	SSTL	Facility-specific target level
Gpm	Gallons per minute	STLC	Soluble threshold limit concentration
GWPTS	Groundwater pump and treat system	SVE	Soil vapor extraction
HIT	High-intensity targeted	SVOC	Semi-volatile organic compound
HVOC	Halogenated volatile organic compound	TAME	Tertiary amyl methyl ether
J	Estimated value between MDL and PQL (RL)	TBA	Tertiary butyl alcohol
LEL	Lower explosive limit	TCE	Trichloroethene
LPC	Liquid-phase carbon	TOC	Top of well casing elevation; datum is msl
LRP	Liquid-ring pump	TOG	Total oil and grease
LUFT	Leaking underground fuel tank	TPH	Total petroleum hydrocarbons
LUST	Leaking underground storage tank	TPHd	Total petroleum hydrocarbons as diesel
MCL	Maximum contaminant level	TPHg	Total petroleum hydrocarbons as gasoline
MDL	Method detection limit	TPHmo	Total petroleum hydrocarbons as motor oil
mg/kg	Milligrams per kilogram	TPHs	Total petroleum hydrocarbons as stoddard solvent
mg/L	Milligrams per liter	TRPH	Total recoverable petroleum hydrocarbons
mg/m ³	Milligrams per cubic meter	UCL	Upper confidence level
MPE	Multi-phase extraction	USCS	Unified Soil Classification System
MRL	Method reporting limit	USGS	United States Geologic Survey
MSl	Mean sea level	UST	Underground storage tank
MTBE	Methyl tertiary butyl ether	VCP	Voluntary Cleanup Program
MTCA	Model Toxics Control Act	VOC	Volatile organic compound
NAI	Natural attenuation indicators	VPC	Vapor-phase carbon



FIRST HALF 2024 GROUNDWATER MONITORING AND STATUS REPORT

Former Gladiola Station

1.0 INTRODUCTION

At the request of ExxonMobil Environmental and Property Solutions, on behalf of ExxonMobil Pipeline Company LLC (ExxonMobil), Stantec Consulting Services Inc. (Stantec) prepared this semi-annual groundwater monitoring and status report for the site.

2.0 SITE DESCRIPTION

Former Gladiola Station is located in northeastern Lea County, New Mexico (Plate 1). The site is located at latitude 33.300745 degrees (°) and longitude -103.111117° and consists of 0.54 acre of land (Plate 2). The site was operated as a crude oil pipeline pumping station under ExxonMobil Pipeline Company until it was purchased by Trojan Pipeline L.P. in February 2004. Trojan changed its name to Centurion Pipeline L.P. (Centurion) in July 2004. The site is currently a vacant lot that contains a pipeline with a cathodic protection system operated by Centurion (AECOM, 2014).

3.0 GEOLOGY AND HYDROGEOLOGY

The site is in northeastern Lea County, New Mexico, within the Llano Estacado (staked plains) physiographic province. Surface soils at the site are Quaternary windblown (eolian) sediments comprised of sands, silts, and clays. This sediment can accumulate to a thickness of 20 feet in this portion of Lea County. The Quaternary sediment unconformably overlies the Tertiary Ogallala formation (AECOM, 2014).

The Ogallala formation is comprised of variably cemented calcic sands, silts, caliche, gravel and some clays, and ranges in thickness from 50 to 300 feet. Groundwater in northern Lea County is primarily produced from the Ogallala formation. The saturated thickness ranges from 25 to 200 feet, with the depth to groundwater ranging from less than 30 to approximately 260 feet. The Ogallala formation unconformably overlies the Triassic Dockum group. The Dockum group consists of red shale and sandstone and is commonly referred to as red beds. The red beds can exceed 1,000 feet in thickness in this region and may produce small amounts of water at the bottom of the formation. Water wells in the vicinity of the site have a total depth of approximately 100 feet bgs, with depth to groundwater ranging from 35 to 70 feet bgs (AECOM, 2014).

The surface soils encountered at the site are silty clays approximately 2 to 3 feet thick. This surface soil is consistent with the surface soil description (Quaternary sediment) for this physiographic province. The next three soil types encountered at the site are consistent with the description of the Ogallala formation (caliche, limestone, and silty sands). The Dockum group was not encountered at the site (AECOM, 2014).

The first occurrence of groundwater encountered at the site is found within the Ogallala formation and would likely be classified as the Ogallala Aquifer. The characteristics of the Ogallala Aquifer as described in the scientific literature match the characteristics of subsurface conditions beneath the site (produces



FIRST HALF 2024 GROUNDWATER MONITORING AND STATUS REPORT

Former Gladiola Station

small amounts of good-quality water). The DTW beneath the site has ranged historically from approximately 29 to 43 feet bgs (AECOM, 2014).

4.0 REGULATORY FRAMEWORK AND SITE CLASSIFICATION

The New Mexico Oil Conservation Division (NMOCD) has regulatory jurisdiction over oil and gas production operations including crude-oil pipeline releases and closure activities in the State of New Mexico. This investigation was conducted in accordance with a “revised Stage 1 Abatement Plan,” submitted to the NMOCD on March 2, 2006. The NMOCD requires that soil affected by a crude oil release be remediated in such a manner that the potential for future effects to groundwater or the environment are minimized. The NMOCD hydrocarbon recommended remediation action levels (RRALs) for soil are determined by ranking criteria on a site-by-site basis, outlined in the NMOCD *Guidelines for Remediation of Spills, Leaks, and Releases*, dated August 13, 1993 (NMOCD, 1993). The ranking criteria are based on three site characteristics: depth to groundwater, wellhead protection, and distance to surface water (AECOM, 2014).

The NMOCD guidelines require groundwater to be analyzed for potential constituents of concern as defined by New Mexico Water Quality Control Commission (NMWQCC) regulatory limits. Human health standards for groundwater with a total dissolved solids (TDS) concentration of less than 10,000 mg/L can be found in New Mexico Administrative Code (NMAC) 20.6.2.3103, Sections A and B.

A water well search was conducted on May 28, 2008. According to the New Mexico Office of the State Engineer Water Administration Technical Engineering Resource System database, 18 wells are located within approximately 1 mile of the site. Three of those wells are within 2,000 feet of the site. Two were natural resource exploratory wells (likely petroleum exploration), and one was installed as a livestock watering well. According to the Water Administration Technical Engineering Resource System database, no wells are located within 1,000 feet of the site (AECOM, 2014).

On March 13, 2009 and April 15, 2009, Kleinfelder West, Inc. (Kleinfelder) contacted an adjacent property owner, Mr. Tommy Burrus, to obtain information regarding water well locations and usage (AECOM, 2014). According to Mr. Burrus, water supply wells are located as indicated in the following table.

Location	Usage	Owner
Approximately 0.5 mile northeast	Livestock watering well	Tommy Burrus
Between approximately 0.5 – 0.75 mile	Livestock watering well	Tommy Burrus
Approximately 0.4 mile east of the site	Domestic well at an abandoned ranch (no longer in use)	Tommy Burrus
Between approximately 0.5 and 0.75 mile northwest of the site	Livestock watering well	Clinton Houston

Data collected during groundwater monitoring and sampling events indicates that the historic DTW at the site has ranged from approximately 29 to 43 feet bgs. The site is not within 1,000 feet of a wellhead



FIRST HALF 2024 GROUNDWATER MONITORING AND STATUS REPORT

Former Gladiola Station

protection area, and surface water is more than 1,000 feet from the site, giving the site a ranking criteria score of 20 as summarized in the following table (AECOM, 2014).

Characterization	Selection	Score
Depth to Groundwater	Less than 50 feet	20
Wellhead Protection Area	Greater than 1,000 feet	0
Distance to Surface Water	Greater than 1,000 feet	0
Total Score	NA	20

Based on a total score of 20, the following soil hydrocarbon RRALs apply to this site:

Constituent of Concern	RRALs (mg/kg)
Benzene	10
Total BTEX	50
TPH	100

Groundwater samples collected as part of assessment activities were evaluated using NMWQCC regulatory limits for the analytical parameters listed in the following table.

Constituent of Concern	Concentration (mg/L)
Benzene	0.005
Toluene	1
Ethylbenzene	0.7
Total Xylenes	0.62
Benzo(a)pyrene	0.0007
Total Naphthalene ¹	0.03
Arsenic	0.01
Barium	2
Cadmium	0.005
Chromium	0.015
Lead	0.05
Mercury	0.002
Selenium	0.05
Silver	0.05
Chloride	250.0
Sulfate	600.0
TDS	1,000.0

1. Total Naphthalene = naphthalene + 1-methylnaphthalene + 2-methylnaphthalene

NMOCD removed sulfate from routine sampling in electronic correspondence dated December 7, 2020 (NMOCD, 2020). Sulfate will be included in the sampling suite during closure sampling.



FIRST HALF 2024 GROUNDWATER MONITORING AND STATUS REPORT

Former Gladiola Station

5.0 PREVIOUS WORK

Soil and groundwater investigations have been conducted at the site since 2002. Previous work has included the drilling of soil borings, installation of wells, soil excavation, and NAPL bailing.

5.1 PUMPING STATION ACTIVITIES

November 18, 2002. A crude oil release of approximately 15 barrels occurred as a result of a leak from the former western sump overflow/bleeder valve, located northeast of well MW-1. Approximately 5 barrels of crude oil were recovered from the release (ExxonMobil, 2002).

May 21, 2007. Centurion reported a crude oil release resulting from a strainer valve failure, which caused the eastern sump, located to the north of well MW-2, to overfill (AECOM, 2014).

May 2009. In May 2009, NAPL was observed in off-site well MW-15 at a thickness of 0.16 foot. On October 13, 2011, NAPL thickness increased in well MW-15 to 2.24 feet. In addition, NAPL was observed in well MW-13, northwest of well MW-15, at a thickness of 0.95 foot. By October 2012, NAPL thickness increased in well MW-15 to 3.35 feet and was first observed in off-site well MW-24 at a thickness of 4.35 feet. Based on the levels of NAPL in wells MW-15 and MW-24, ExxonMobil theorized that NAPL in wells MW-13, MW-15, and MW-24 could be indicative of a third release of crude oil.

5.2 SITE ASSESSMENT ACTIVITIES

August 2003. B&H Maintenance and Construction conducted a soil boring investigation (B&H, 2003).

2004. BNC Environmental Services, Inc. conducted soil and groundwater activities, including the installation of wells MW-1 through MW-3. A water well search was conducted, which did not identify water wells located on or immediately adjacent to the site (BNC, 2004).

2006. Conestoga-Rovers & Associates (CRA) advanced soil borings SB-9 and SB-11 and installed wells MW-4 through MW-10 (AECOM, 2014).

April 2008. Kleinfelder oversaw the installation of wells MW-11 through MW-16 (Kleinfelder, 2008).

August 2009. Kleinfelder oversaw the installation of wells MW-17 through MW-22 (AECOM, 2014).

October 2011. Groundwater & Environmental Services, Inc. (GES) advanced borings SB-1 through SB-7 and installed and sampled temporary wells in the borings. NAPL was not encountered (AECOM, 2014).

December 2011. GES installed wells MW-23 through MW-26 (AECOM, 2014).

May 2013. Well MW-8 could not be located and was presumed to be destroyed. Large pieces of concrete were found in the vicinity of the well (AECOM, 2014).

June 2018. Cardno oversaw the installation of wells MW-27 through MW-32 (Cardno, 2018).



FIRST HALF 2024 GROUNDWATER MONITORING AND STATUS REPORT

Former Gladiola Station

June 2023. Stantec oversaw the installation of wells MW-33 through MW-39. Details of the work will be submitted under separate cover.

March 2024. Stantec oversaw the installation of well MW-39. Details of the work will be submitted under separate cover.

5.3 REMEDIATION ACTIVITIES

August 2003. E. D. Walton conducted initial remedial excavation activities (B&H, 2003).

May-June 2007. Soil remediation activities, including excavation, were conducted (AECOM, 2014).

April 2009. NOVA Safety and Environment, on behalf of Centurion, recommended to the NMOCD no further action for the May 2007 release (AECOM, 2014).

April 2016. Cardno conducted a NAPL baildown test on wells MW-13, MW-14, and MW-24. Cardno also bailed NAPL from wells MW-4, MW-5, MW-12, MW-15, MW-16, MW-18, MW-20, and MW-25 using disposable Teflon® bailers (Cardno, 2016).

October 2016. Cardno conducted a NAPL pumping test to assess whether sustained flow of NAPL is possible by pumping. To begin the test, Cardno adjusted the pump to a rate of 0.1 gpm to conduct a step test to gradually increase the flow rate and determine the appropriate flow rate for a constant rate pumping test; however, Cardno was not able to sustain the desired flow rates during the step test and the constant rate test, therefore, was not performed. Approximately 100 gallons of LNAPL mixed with water was removed (Cardno, 2017a).

May 2017. Cardno conducted a NAPL recovery test using a Xitech Instruments, Inc. ADJ210 High Performance Smart Skimmer® pump equipped with an electronic controller to assess whether sustained flow of NAPL is possible by pumping. During the test, approximately 10 to 15 gallons of NAPL were removed over a 24-hour period (Cardno, 2017b).

5.4 GROUNDWATER MONITORING ACTIVITIES

Groundwater monitoring and sampling have been ongoing since 2004. Cumulative groundwater analytical results are summarized in Tables 4 through 7. NAPL bailing has been ongoing since 2015. NAPL recovery results are summarized in Table 8.

6.0 FIELD ACTIVITIES

Field data sheets are included in Appendix A. Laboratory analytical reports are included in Appendix B.



FIRST HALF 2024 GROUNDWATER MONITORING AND STATUS REPORT

Former Gladiola Station

6.1 MONITORING WELL GAUGING AND PURGING

On June 1st through 4th, 2024, the site's monitoring wells were gauged as part of the first half 2024 monitoring event.

At the beginning of the groundwater monitoring event, the well boxes were opened and the locking well caps removed from the wells. The liquid level within each well was allowed to equilibrate to atmospheric pressure. The water levels were measured in all wells prior to sampling using an electronic oil/water interface probe capable of measuring groundwater elevations to 0.01 foot.

In wells without NAPL, the DTW was measured to the nearest 0.01 foot with an electronic oil/water interface probe. Groundwater elevations were calculated by subtracting the DTW from the surveyed TOC.

In wells with NAPL, the depth of the top and bottom of NAPL was measured using an oil/water interface probe. The water levels were then corrected for density effects to accurately determine the elevation of the water table. Wells containing NAPL are not purged or sampled.

After measuring the static groundwater levels, select wells were purged using low-flow sampling techniques. Samples were collected once field parameters stabilized. Submersible pumps were used for purging the wells and the flow rate was adjusted to minimize drawdown. Water quality measurements including temperature, pH, conductivity, DO, and ORP were recorded via the use of a flow-through cell and a YSI multi-parameter meter. The sample intake was positioned at the approximate middle of the well screen.

6.2 MONITORING WELL SAMPLING

On June 1st through 4th, 2024, groundwater samples were collected from all wells without NAPL. Well MW-7 was dry and there was insufficient water to collect a full set of sample containers from well MW-6 or any sample from well MW-10.

The wells were sampled using low-flow sampling techniques in general accordance with the EPA guidelines described in the EPA document titled "Standard Operating Procedure for Low-Stress (Low Flow)/Minimal Drawdown Ground-Water Sample Collection" (www.epa.gov/Region09/qa/pdfs/finalsopls1217.pdf).

After purging, groundwater samples were collected through a submersible pump directly into laboratory-provided containers. Depending on the analysis, each sample container was preserved with hydrochloric acid, nitric acid, etc., or it was preservative-free. The samples were immediately placed on ice in laboratory-supplied containers and subsequently shipped to a certified environmental laboratory using COC protocol.

The samples collected were analyzed for all of the site's COCs (VOCs, PAHs, RCRA8 metals, and chloride, with selected wells additionally analyzed for major ions as part of a background analysis for chloride which will be presented in a subsequent site investigation report). Analytical methods are detailed in the laboratory analytical reports in Appendix B.



FIRST HALF 2024 GROUNDWATER MONITORING AND STATUS REPORT

Former Gladiola Station

6.3 NAPL BAILING

On June 1st and 2nd, 2024, NAPL was bailed from the gauged wells with NAPL, as detailed in Table 8.

6.4 WASTE MANAGEMENT

Decontamination/purge water and NAPL generated during the sampling and NAPL recovery events were temporarily stored in DOT-approved, sealed 55-gallon drums. Recycling documentation is included in Appendix C.

7.0 RESULTS AND CONCLUSIONS

Groundwater monitoring and sampling data are summarized in Tables 1 through 8. NAPL thicknesses and groundwater depths are illustrated on Graphs 1 through 38. Groundwater elevations and NAPL thicknesses are illustrated on Plate 3. BTEX and total naphthalene concentrations are illustrated on Plate 4. TDS, chloride, and select metals concentrations are illustrated on Plate 5.

7.1 NON-AQUEOUS PHASE LIQUID

Measurable NAPL was encountered in wells MW-1, MW-2, MW-4, MW-5, MW-9, MW-12 through MW-16, MW-18 through MW-21, and MW-23 through MW-26. NAPL thickness ranged from 0.01 foot (MW-9 and MW-23) to 1.46 feet (MW-24).

The NAPL thicknesses in the wells indicate a stable to decreasing trend.

7.2 GROUNDWATER LEVELS AND FLOW DIRECTION

Measured groundwater levels in the wells during June 2024 event ranged from 36.87 feet below TOC (well MW-3) to 42.19 feet below TOC (MW-32). The groundwater flow direction was generally towards the northeast, consistent with historical results.

7.3 GROUNDWATER CONCENTRATIONS

Groundwater analytical results were compared to NMWQCC standards. Concentrations reported in the sampled wells did not exceed NMWQCC standards with the following exceptions:

- **MW-3:** Benzene, total naphthalene, arsenic, barium and TDS (stable trend)
- **MW-6:** Arsenic (stable trend)
- **MW-17:** Benzene, total naphthalene, arsenic and barium (stable trend)
- **MW-22:** Arsenic and chromium (increasing)
- **MW-27:** Chloride and TDS (stable trend)
- **MW-28:** TDS (stable trend)
- **MW-32:** Arsenic (stable trend)



FIRST HALF 2024 GROUNDWATER MONITORING AND STATUS REPORT

Former Gladiola Station

- **MW-33:** Chloride and TDS (new well, no trend)
- **MW-34:** Arsenic and chromium (new well, no trend)
- **MW-38:** Arsenic, chloride, and TDS (new well, no trend)

With the exception of well MW-22 dissolved-phase concentrations in the wells were consistent with historical results. The detection limit for arsenic was above the NMWQCC HHS of 0.01 mg/L in wells MW11, MW-27 through MW-31, MW33, and MW35 through MW-39. The detection limit for chromium was above the NMWQCC HHS of 0.015 mg/L in wells MW17, MW-27 through MW32, and MW-36.

The lateral extent of NAPL and dissolved-phase petroleum hydrocarbons are delineated. LNAPL and petroleum hydrocarbons were not detected in newly-installed wells MW-33 through MW-36, delineating petroleum hydrocarbons north of the site, or in newly-installed wells MW-37 through MW-39, delineating petroleum hydrocarbons south of the site.

8.0 RECOMMENDATIONS

Stantec recommends the following:

- Continue periodic groundwater monitoring.
- Submit a site investigation report summarizing the installation of wells MW-33 through MW-39, as well as a background study evaluating if metals, chloride and/or TDS in groundwater are COCs or consistent with naturally occurring conditions.
- Continue evaluating potential source(s) of the LNAPL and remedial strategies.
- Continue submitting semi-annual groundwater monitoring reports.

9.0 ACTIVITIES PLANNED FOR SECOND HALF OF 2024

The following activities are planned to be performed at the site during the first half of 2024.

- Conduct the second half 2024 groundwater event.

10.0 REFERENCES

AECOM. March 3, 2014. *Technical Memorandum – Review of Forensic Laboratory Reports*.

B & H Environmental Services (B&H). 2003. *Soil Coring Investigation Report, Gladiola Station, Lea County, New Mexico*.

BNC Environmental Services, Inc. (BNC). August 20, 2004. *Soil and Groundwater Assessment Report, Gladiola Station, Section 5, T-12-S, R-38-E, Lea County, New Mexico*.



FIRST HALF 2024 GROUNDWATER MONITORING AND STATUS REPORT

Former Gladiola Station

Cardno. April 3, 2016. *First and Second Quarter 2016 Semi-Annual Groundwater Monitoring Report, Gladiola Station, Lea County, New Mexico.*

Cardno. January 31, 2017a. *Third and Fourth Quarter 2016 Semi-Annual Groundwater Monitoring Report, Gladiola Station, Lea County, New Mexico.*

Cardno. September 6, 2017b. *First and Second Quarter 2017 Semi-Annual Groundwater Monitoring Report, Gladiola Station, Lea County, New Mexico.*

Cardno. November 8, 2018. *Report for the Installation of Six Off-Site Groundwater Monitoring Wells, Gladiola Station, Lea County, New Mexico.*

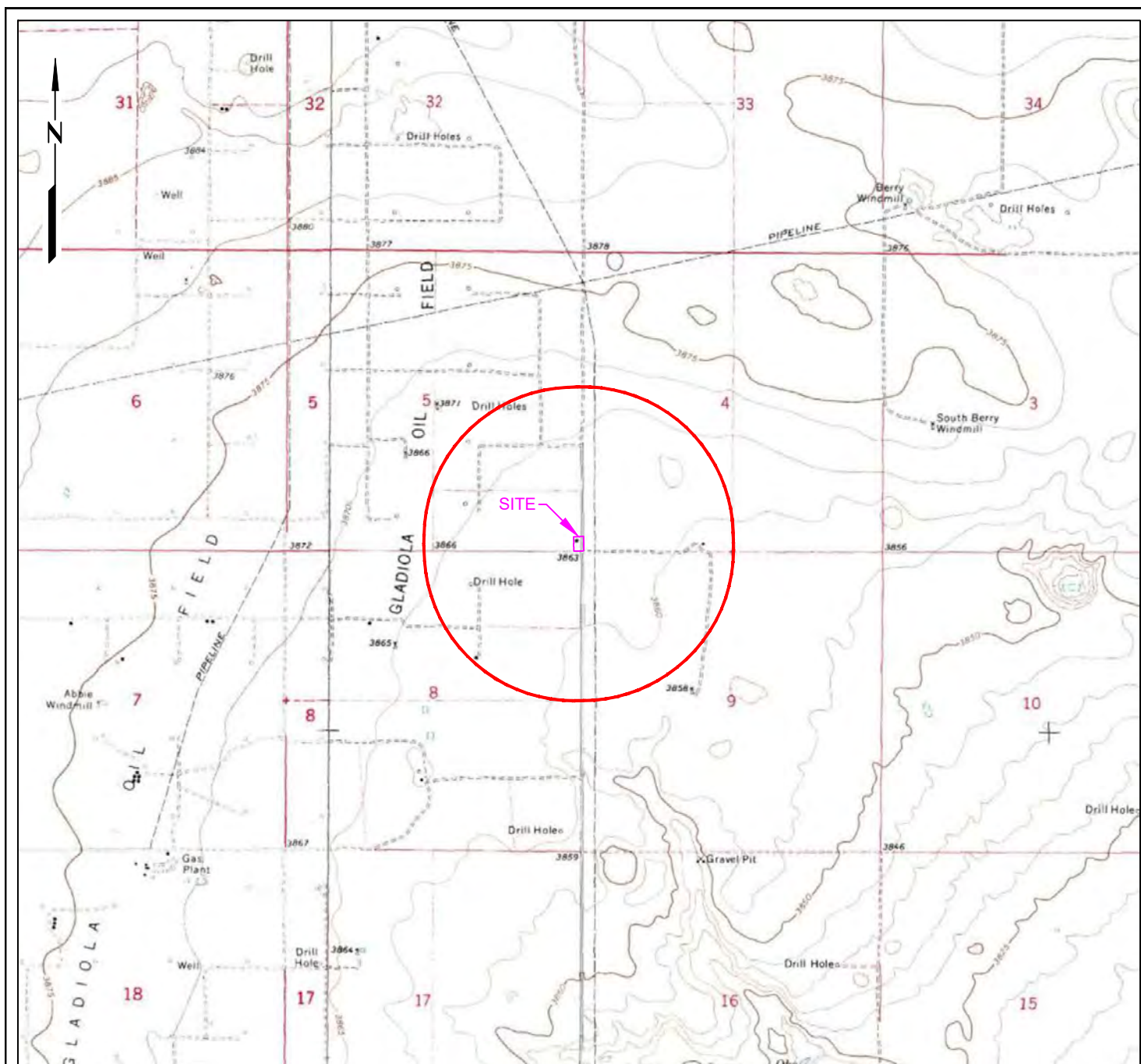
ExxonMobil Pipeline Company (ExxonMobil). November 18, 2002. *Leak, Maintenance, and Exposed Pipe Report for Gladiola Station, Lea County, New Mexico.*

Kleinfelder West, Inc. (Kleinfelder). August 18, 2008. *Stage 1 Site Abatement Report, Gladiola Station, Lea County, New Mexico.*

New Mexico Oil Conservation Division (NMOCD). August 13, 1993. *Guidelines for Remediation of Spills, Leaks, and Releases.*

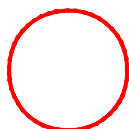
New Mexico Oil Conservation Division (NMOCD). December 7, 2020. Electronic correspondence from Bradford Billings of NMOCD to Marla Madden of ExxonMobil and James Anderson of Cardno. "Subject: RE Notification of 2H20 Groundwater Monitoring Event for ExxonMobil Gladiola Station OCD No. AP038."





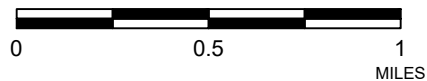
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EXPLANATION



1/2-mile distance from
property border

APPROXIMATE SCALE



SOURCE:
Modified from a map
provided by
MapPass



SITE LOCATION MAP

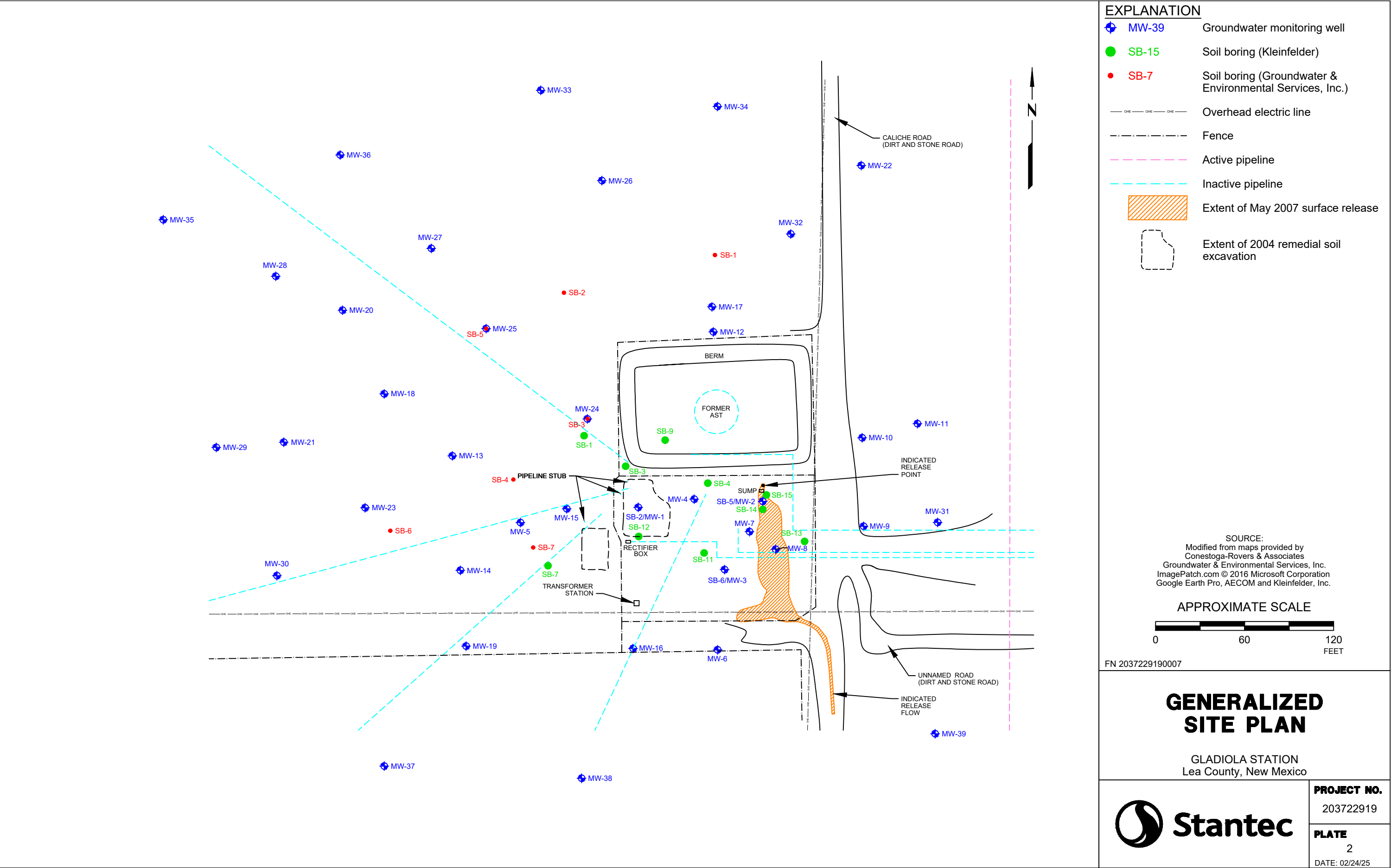
GLADIOLA STATION
Lea County, New Mexico

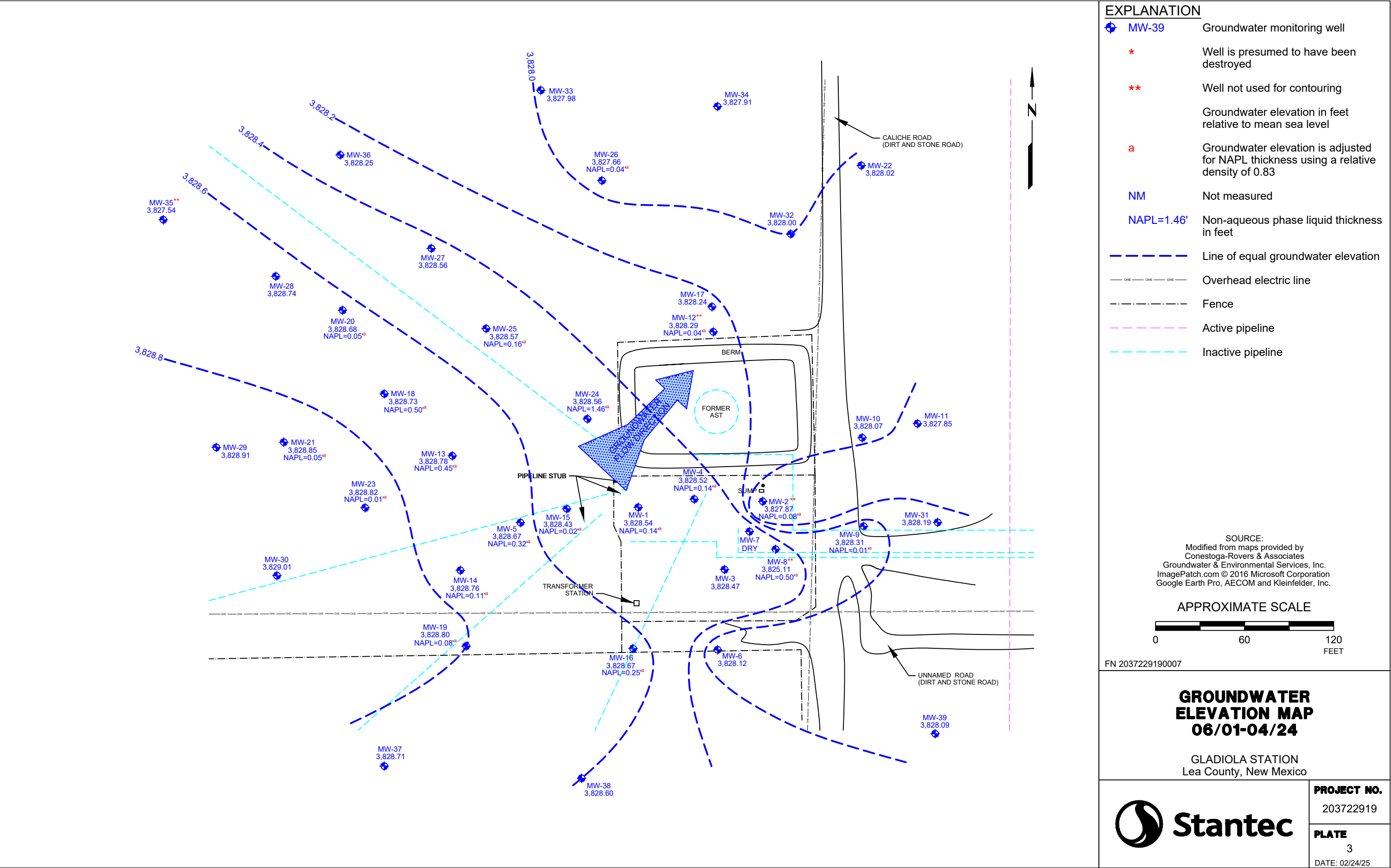
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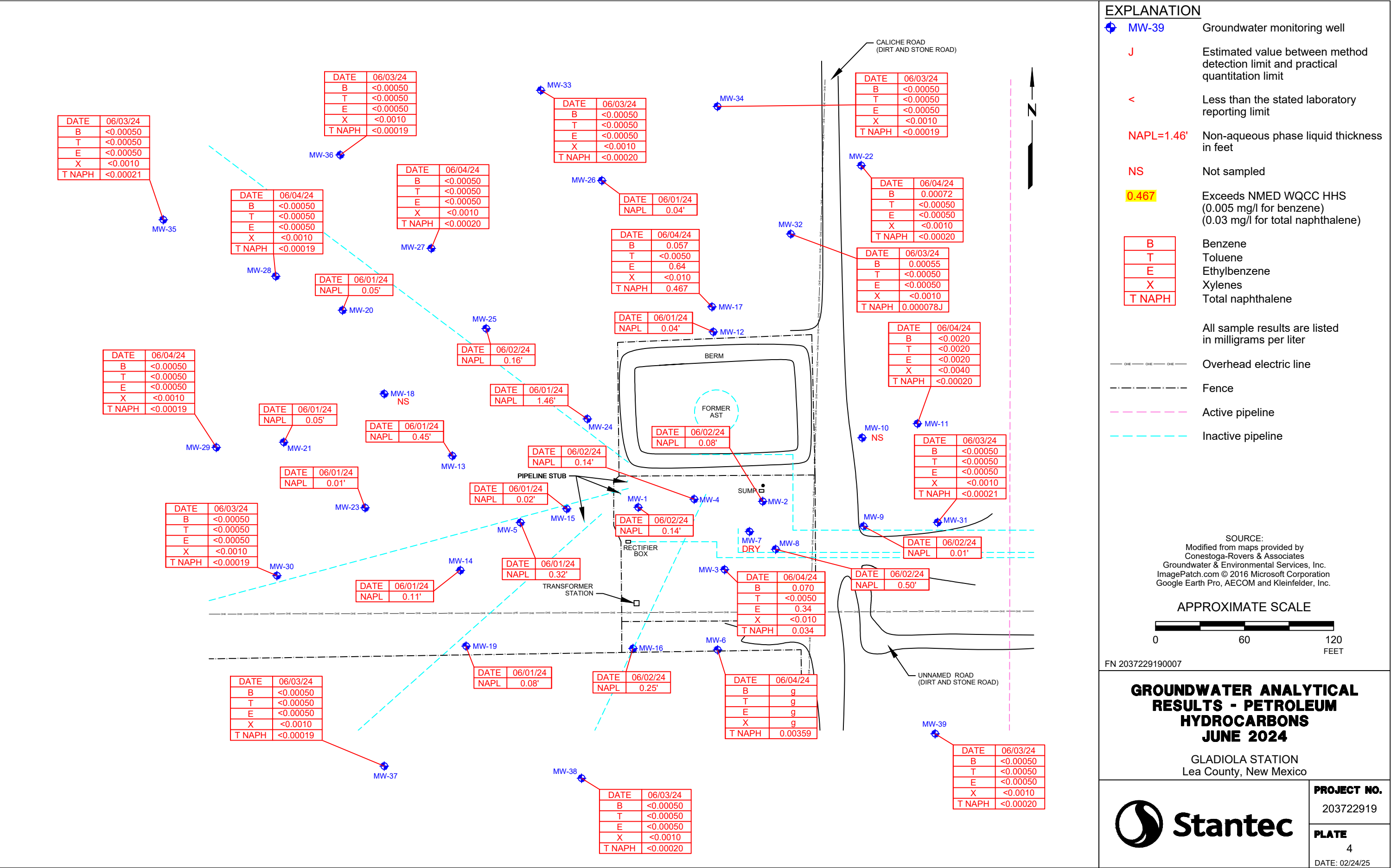
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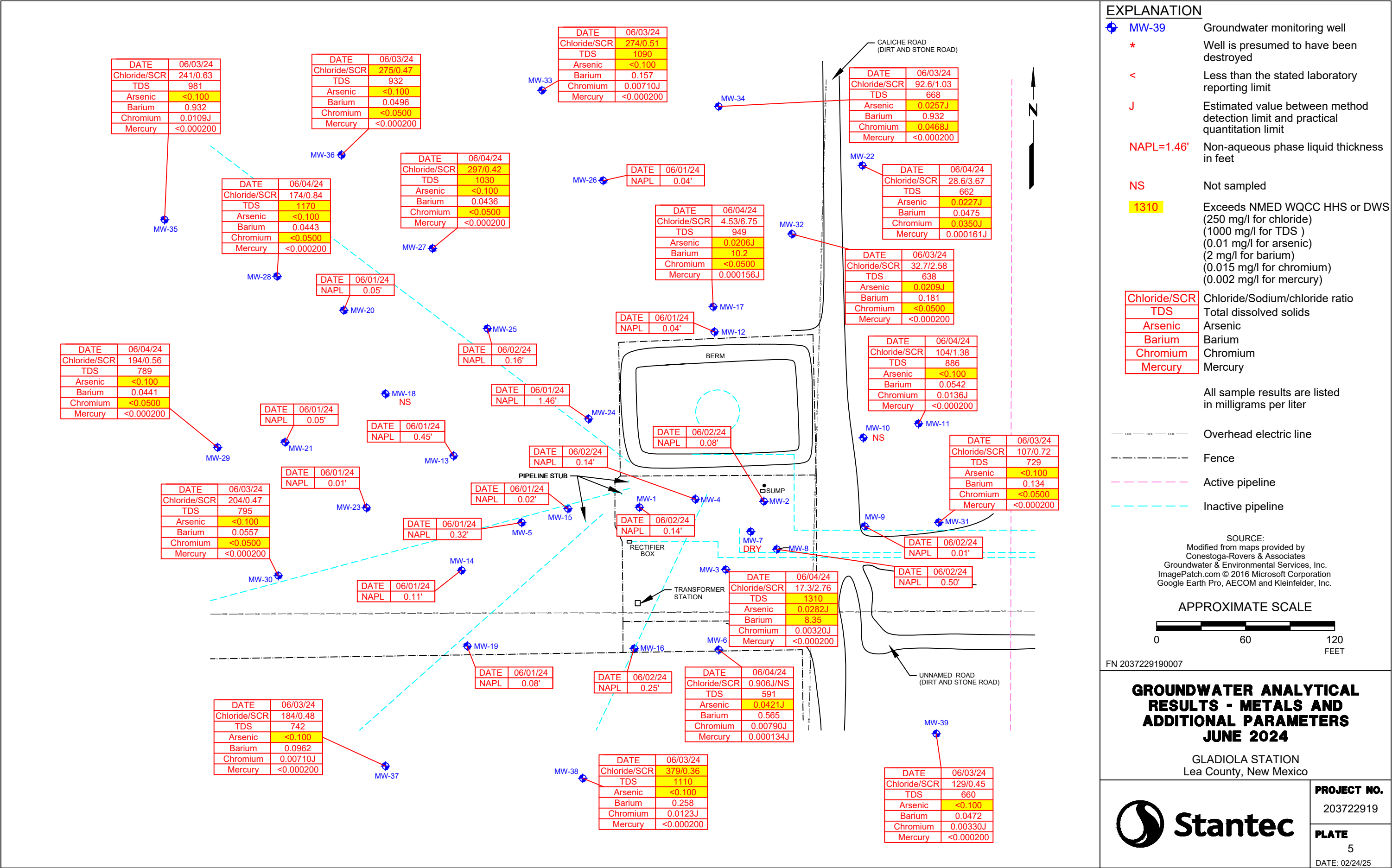
PLATE

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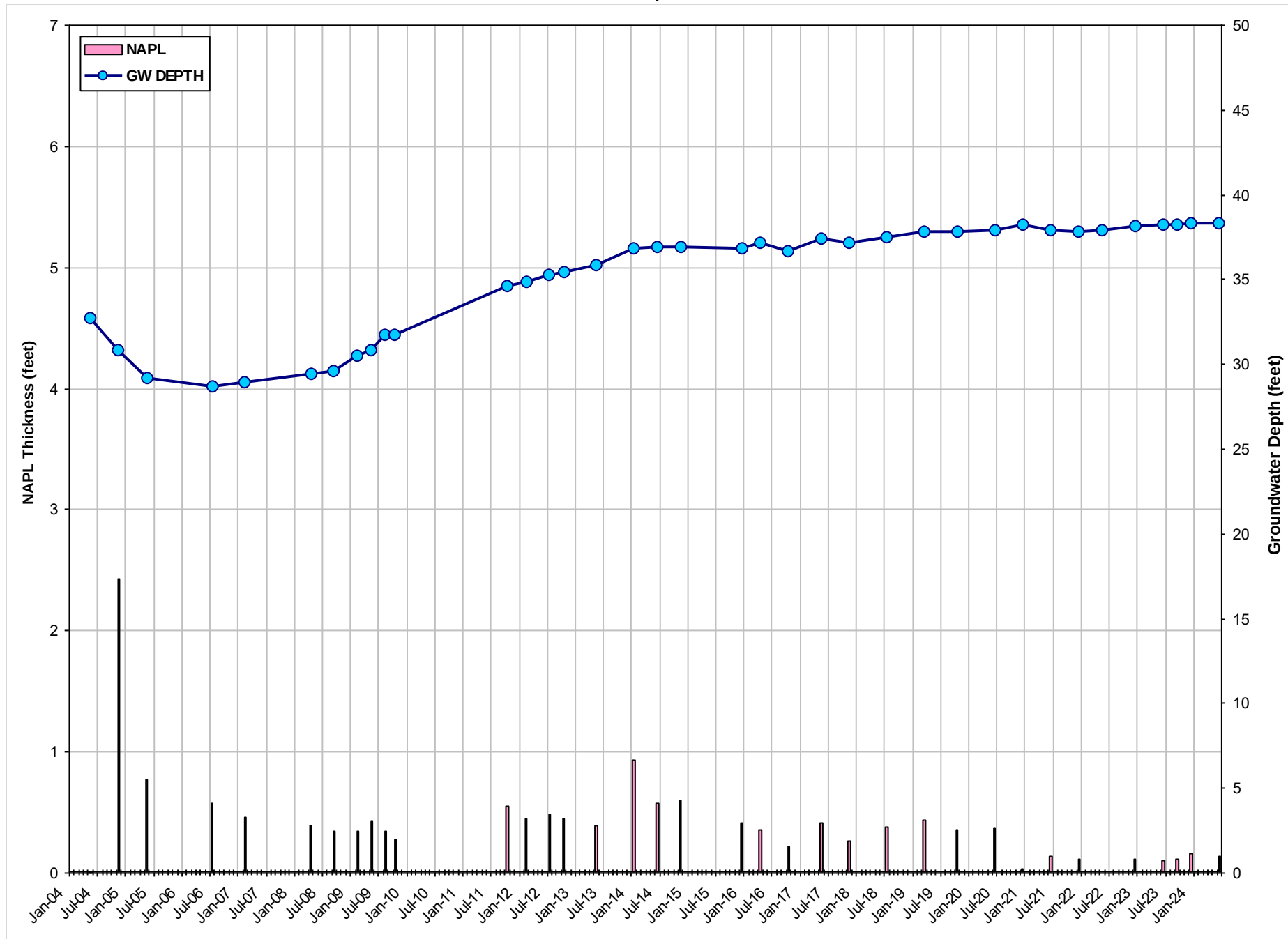




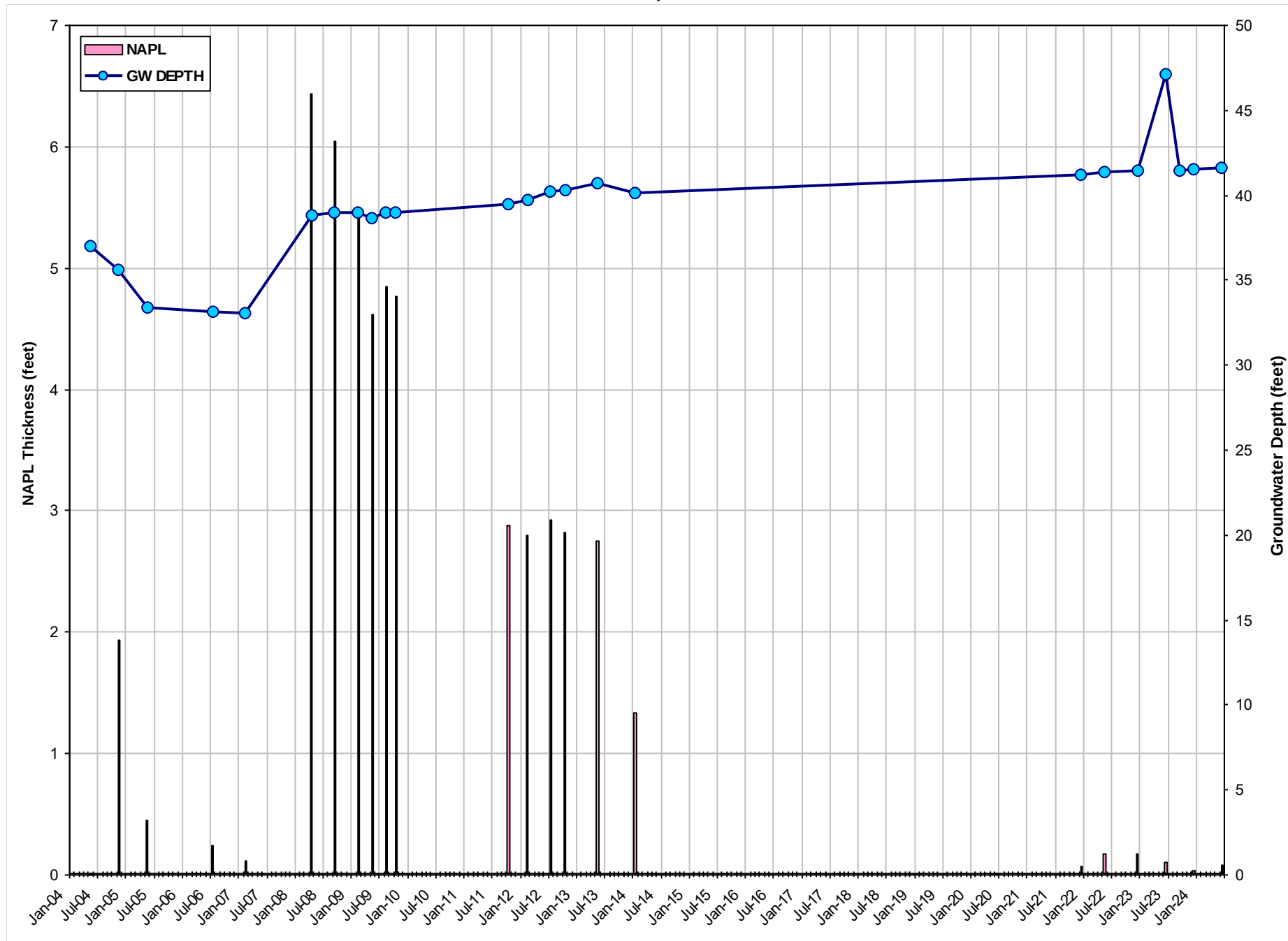




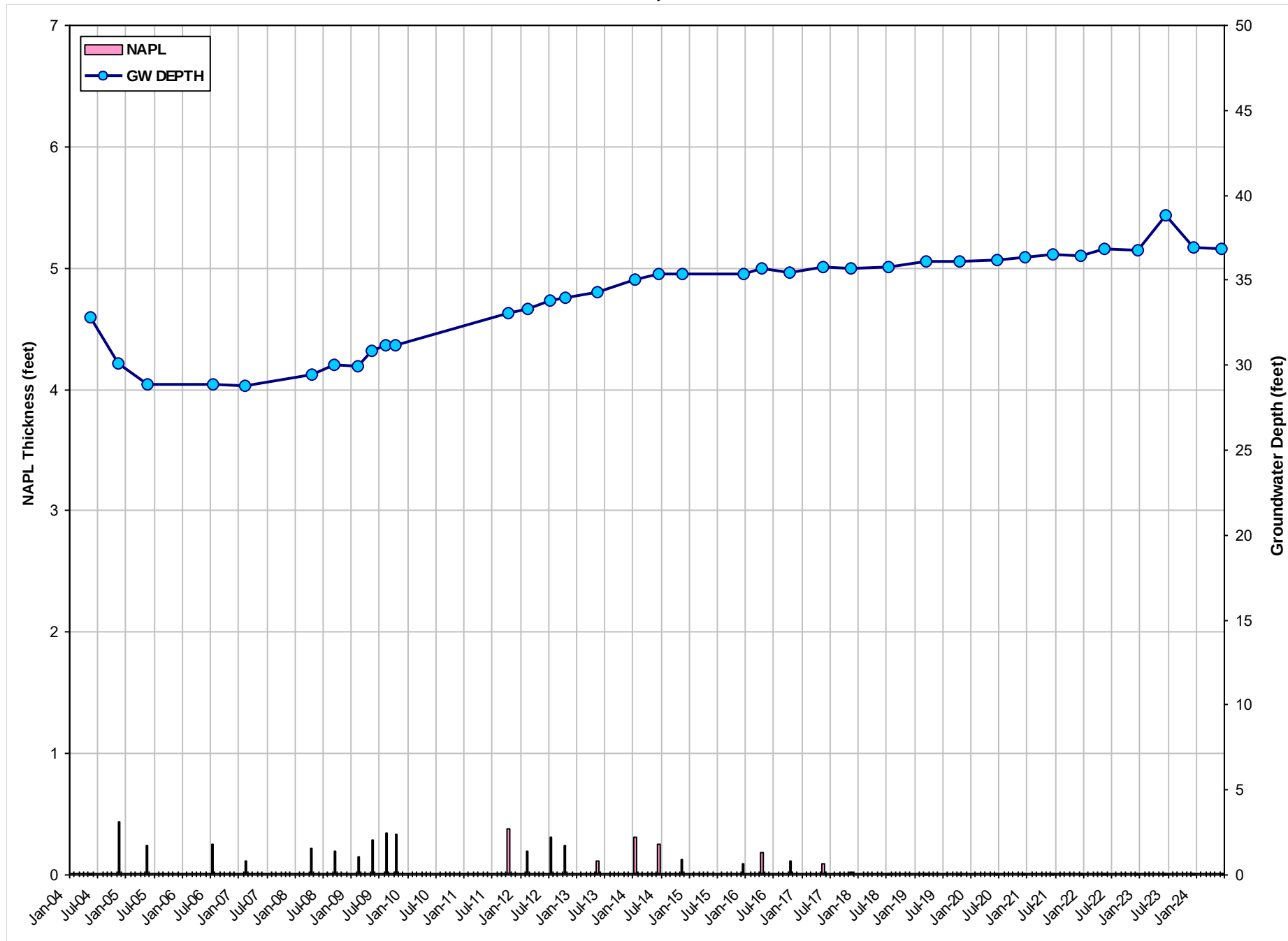
GRAPH 1
NAPL THICKNESS AND GROUNDWATER DEPTH VS. TIME - MW-1
Gladiola Station
Lea County, New Mexico



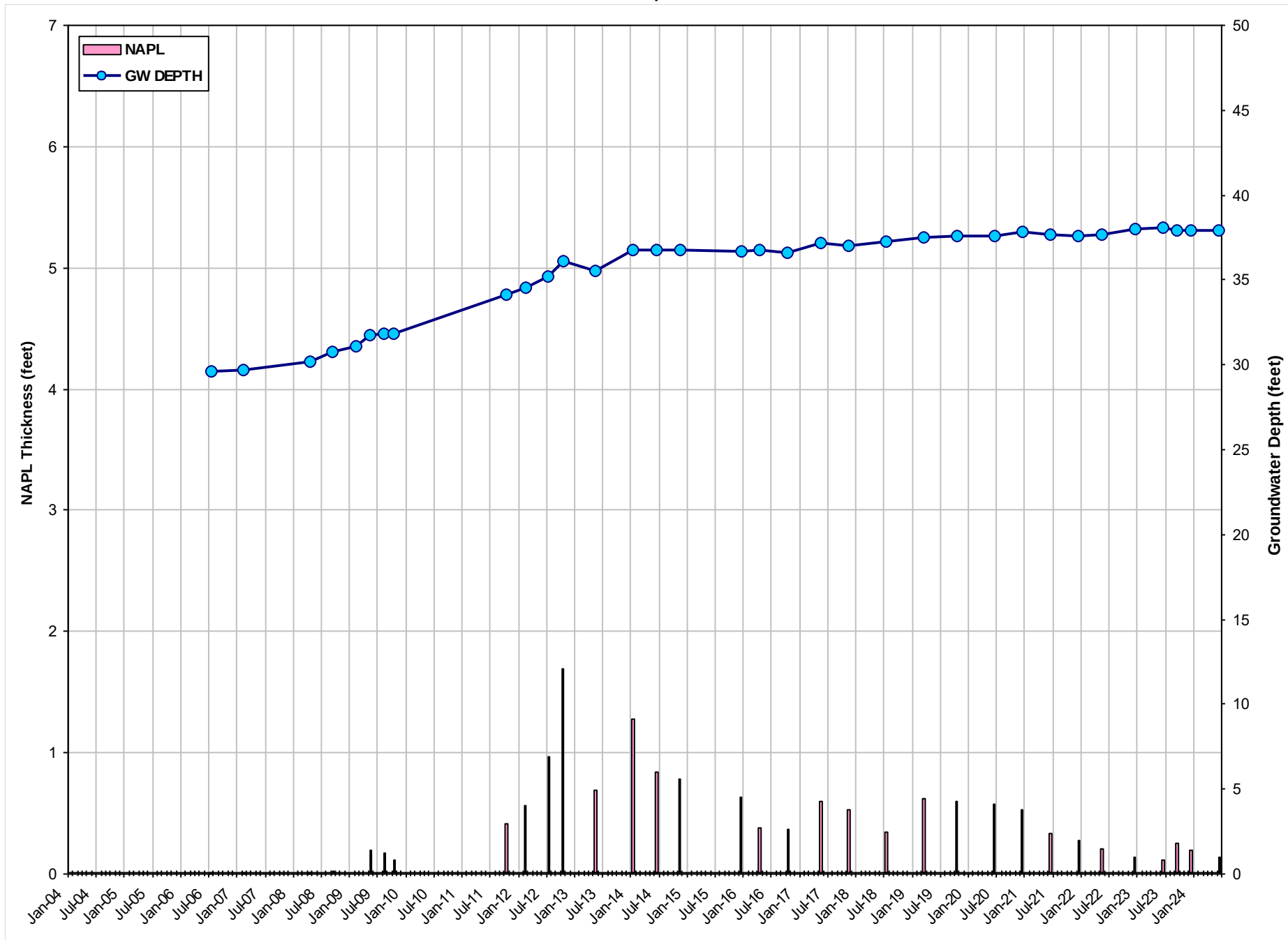
GRAPH 2
NAPL THICKNESS AND GROUNDWATER DEPTH VS. TIME - MW-2
Gladiola Station
Lea County, New Mexico



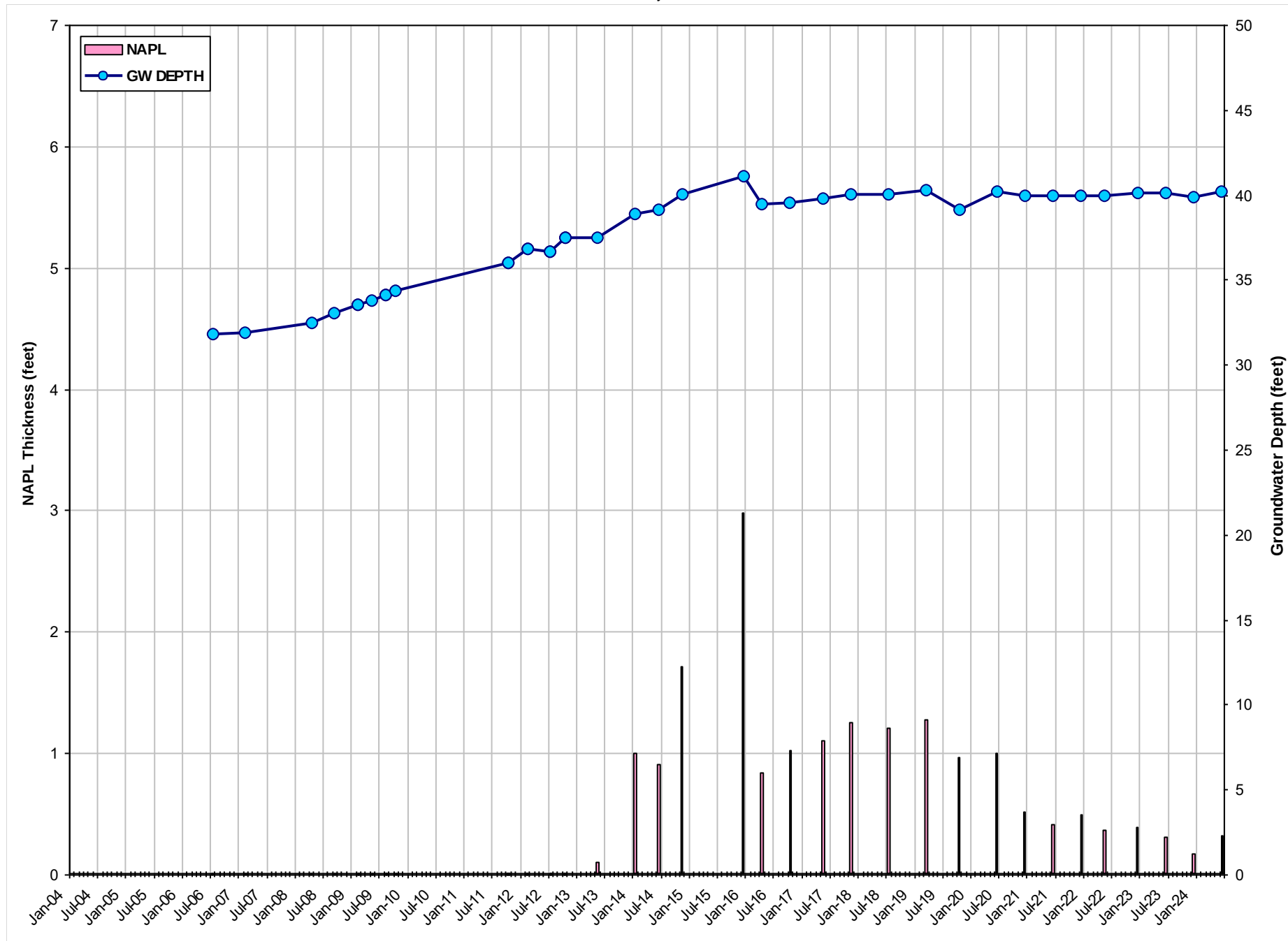
GRAPH 3
NAPL THICKNESS AND GROUNDWATER DEPTH VS. TIME - MW-3
Gladiola Station
Lea County, New Mexico



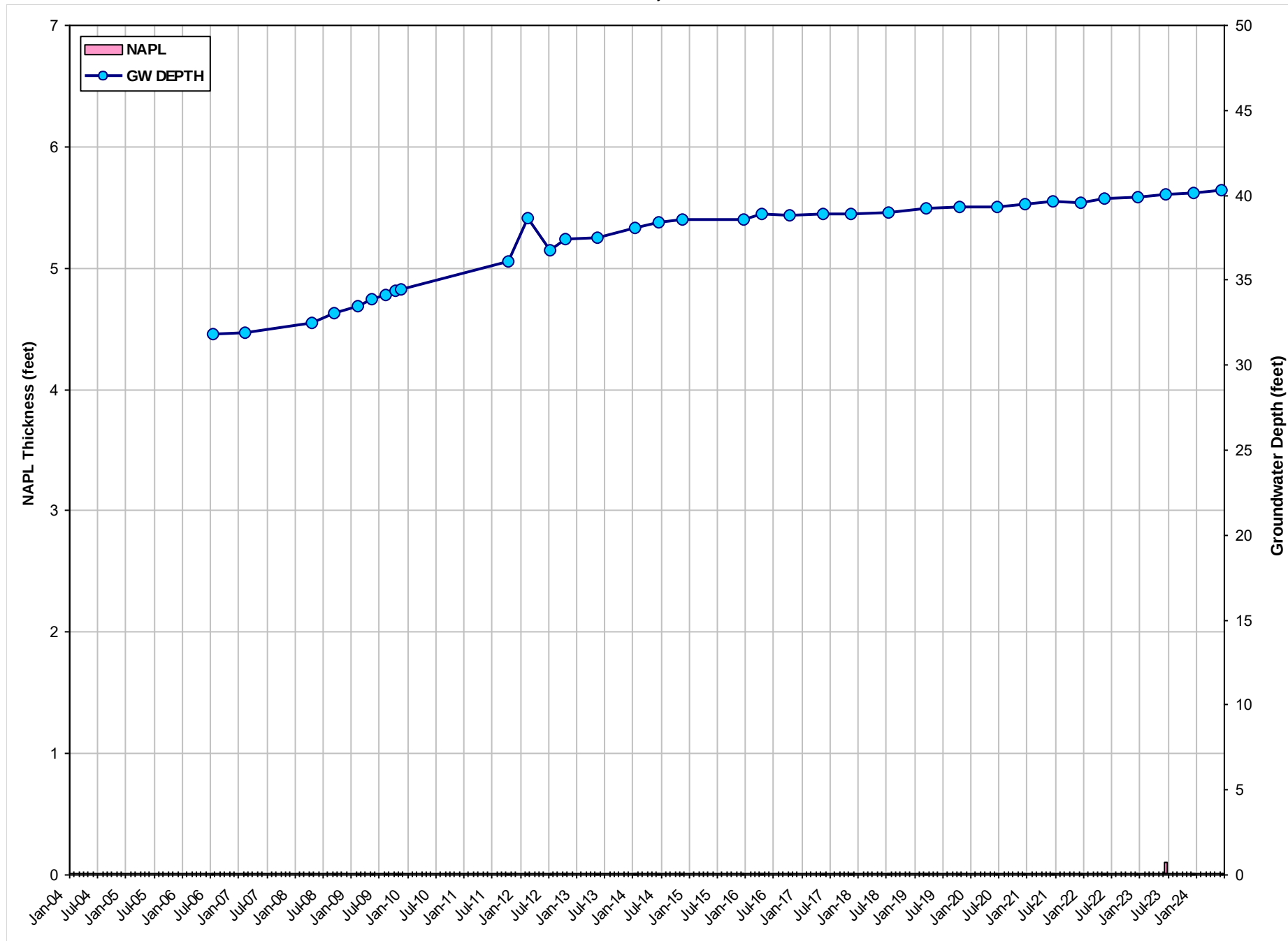
GRAPH 4
NAPL THICKNESS AND GROUNDWATER DEPTH VS. TIME - MW-4
Gladiola Station
Lea County, New Mexico



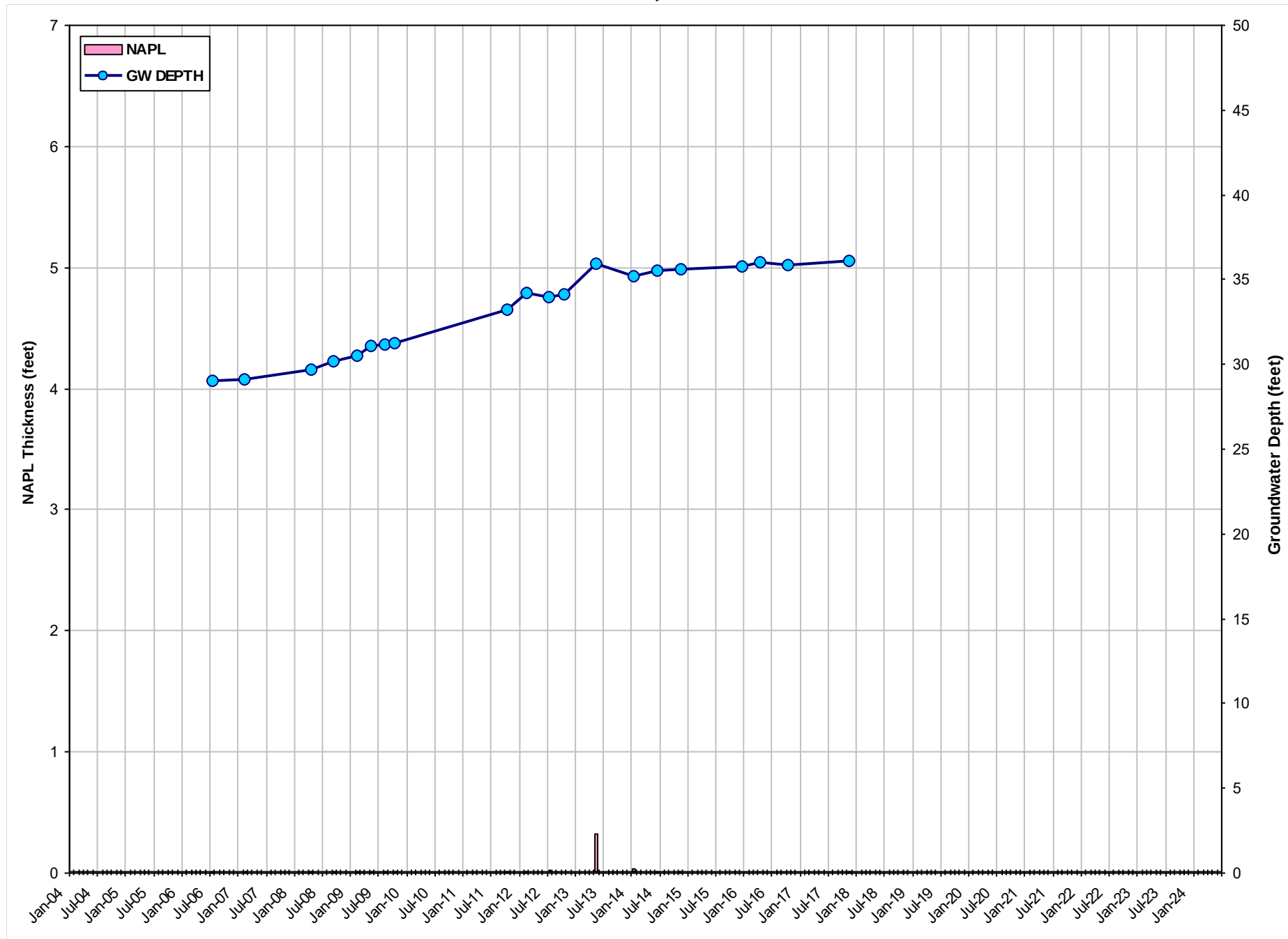
GRAPH 5
NAPL THICKNESS AND GROUNDWATER DEPTH VS. TIME - MW-5
Gladiola Station
Lea County, New Mexico



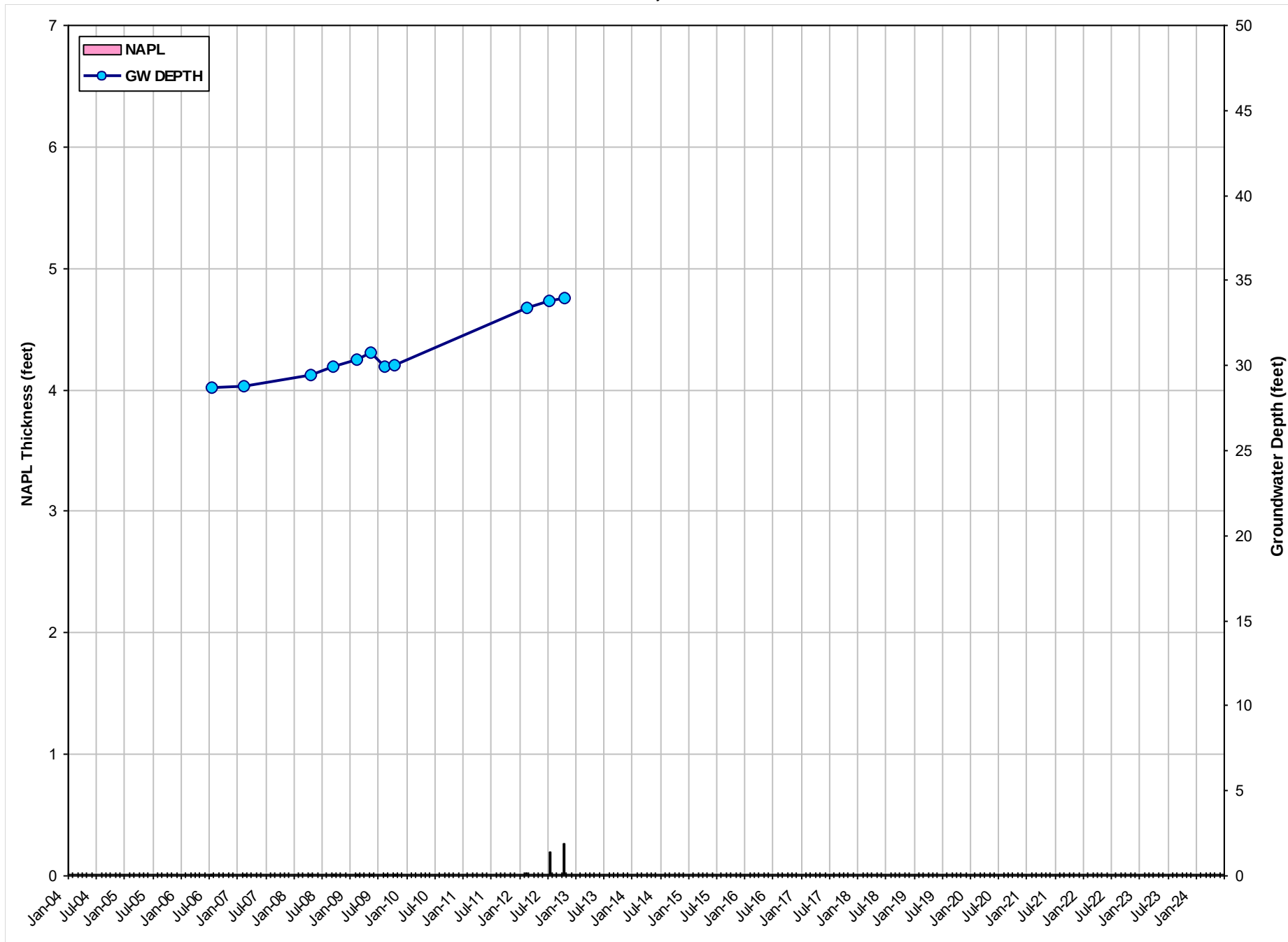
GRAPH 6
NAPL THICKNESS AND GROUNDWATER DEPTH VS. TIME - MW-6
Gladiola Station
Lea County, New Mexico



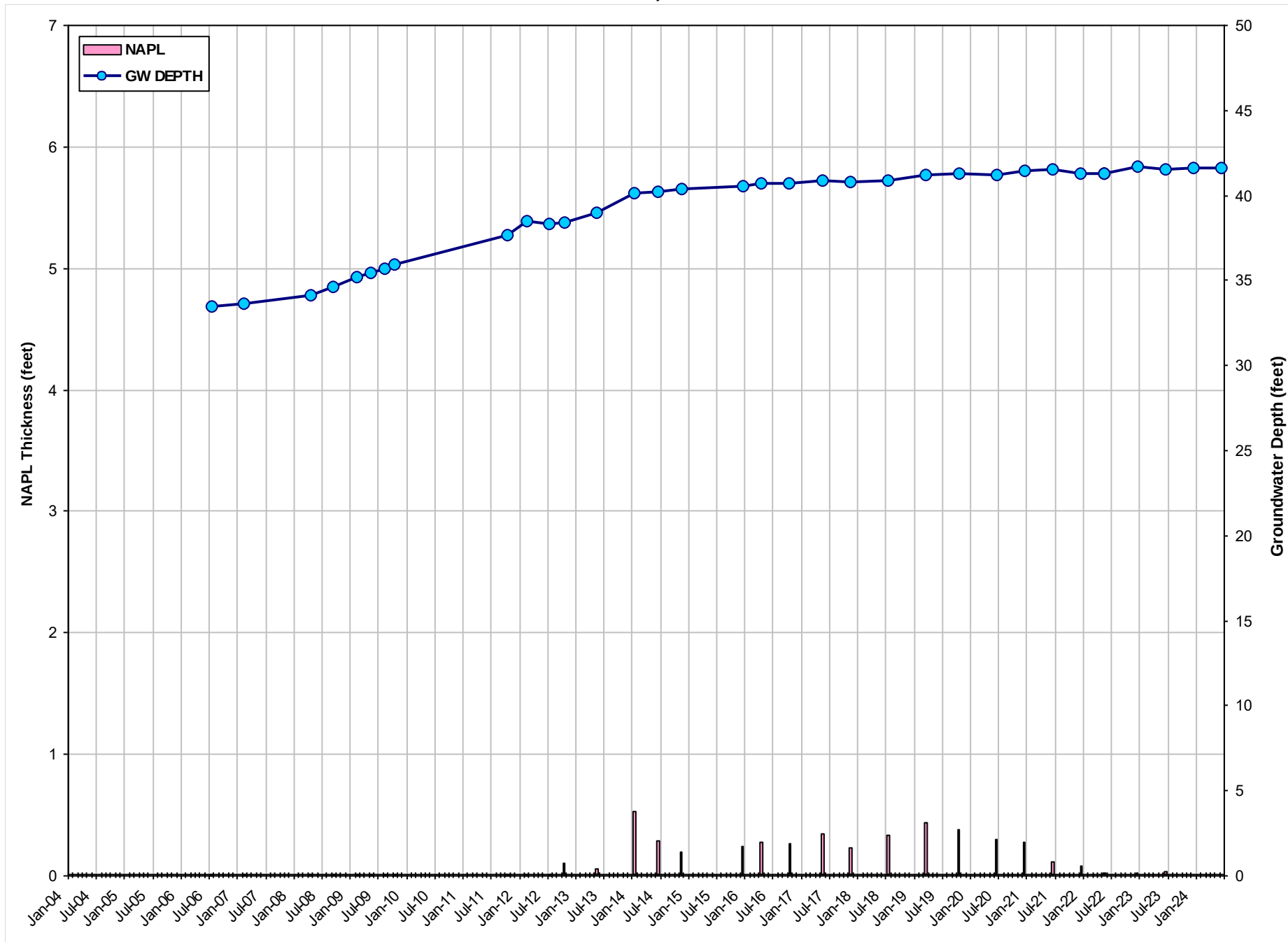
GRAPH 7
NAPL THICKNESS AND GROUNDWATER DEPTH VS. TIME - MW-7
Gladiola Station
Lea County, New Mexico



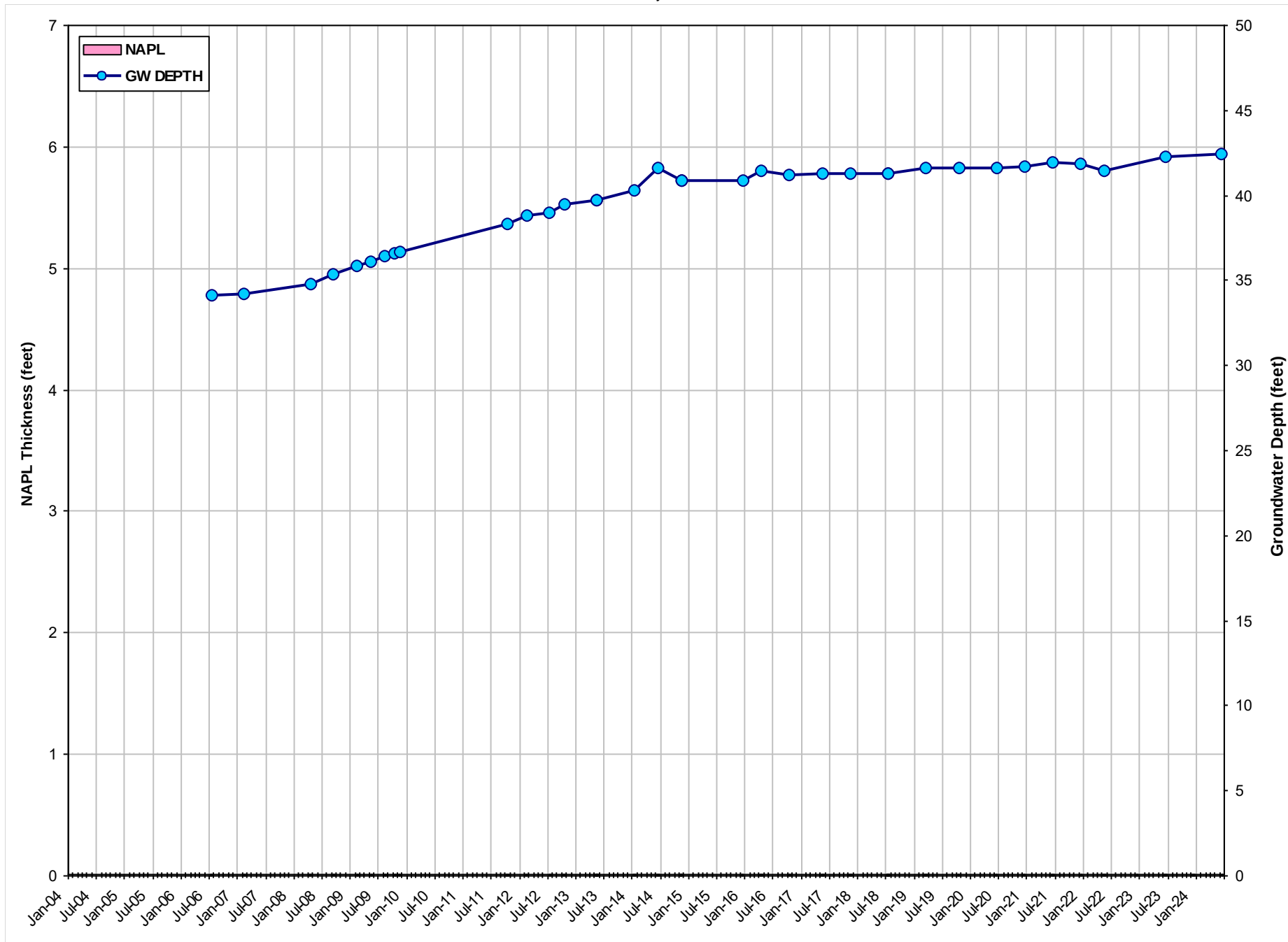
GRAPH 8
NAPL THICKNESS AND GROUNDWATER DEPTH VS. TIME - MW-8
Gladiola Station
Lea County, New Mexico



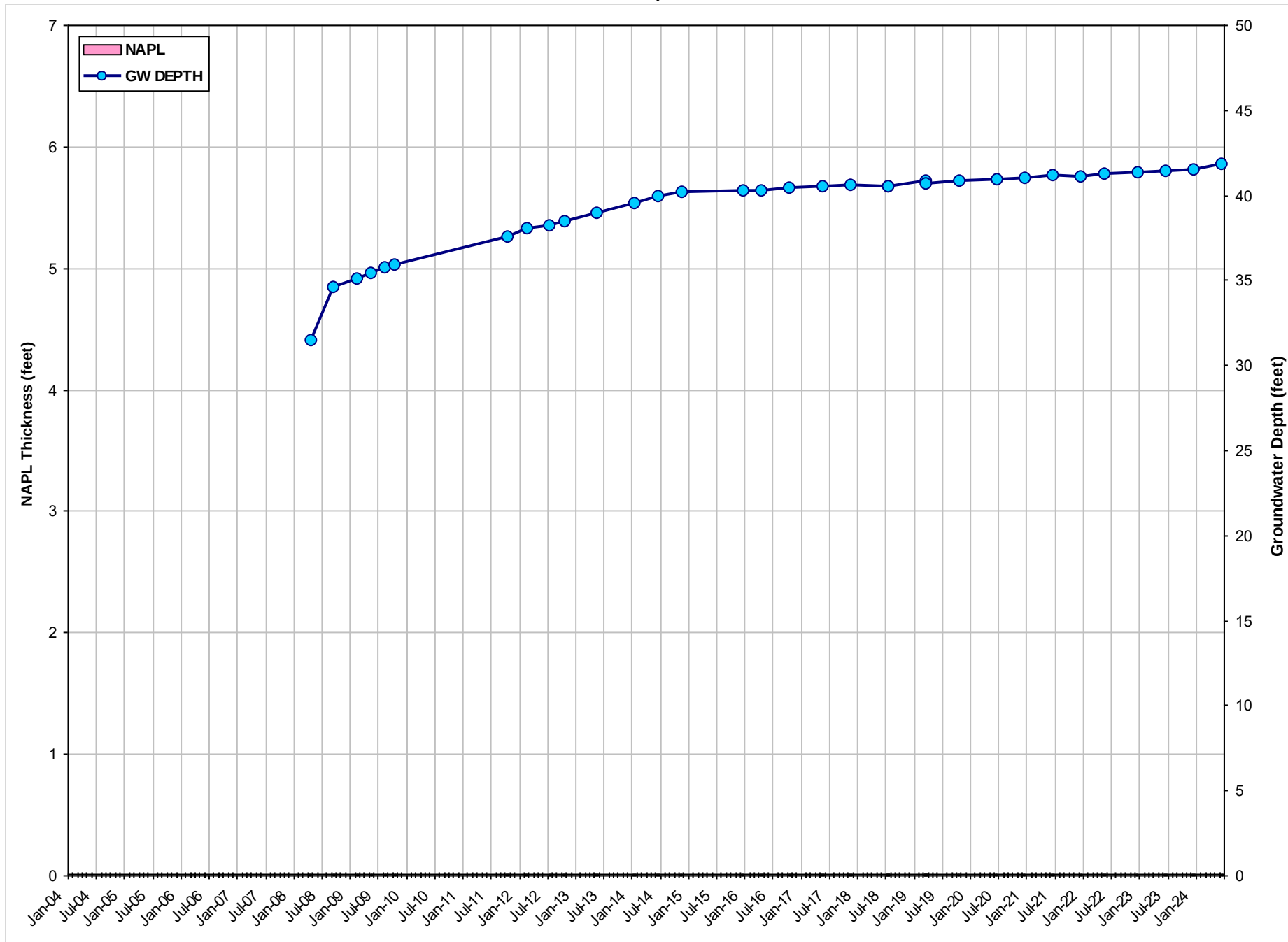
GRAPH 9
NAPL THICKNESS AND GROUNDWATER DEPTH VS. TIME - MW-9
Gladiola Station
Lea County, New Mexico



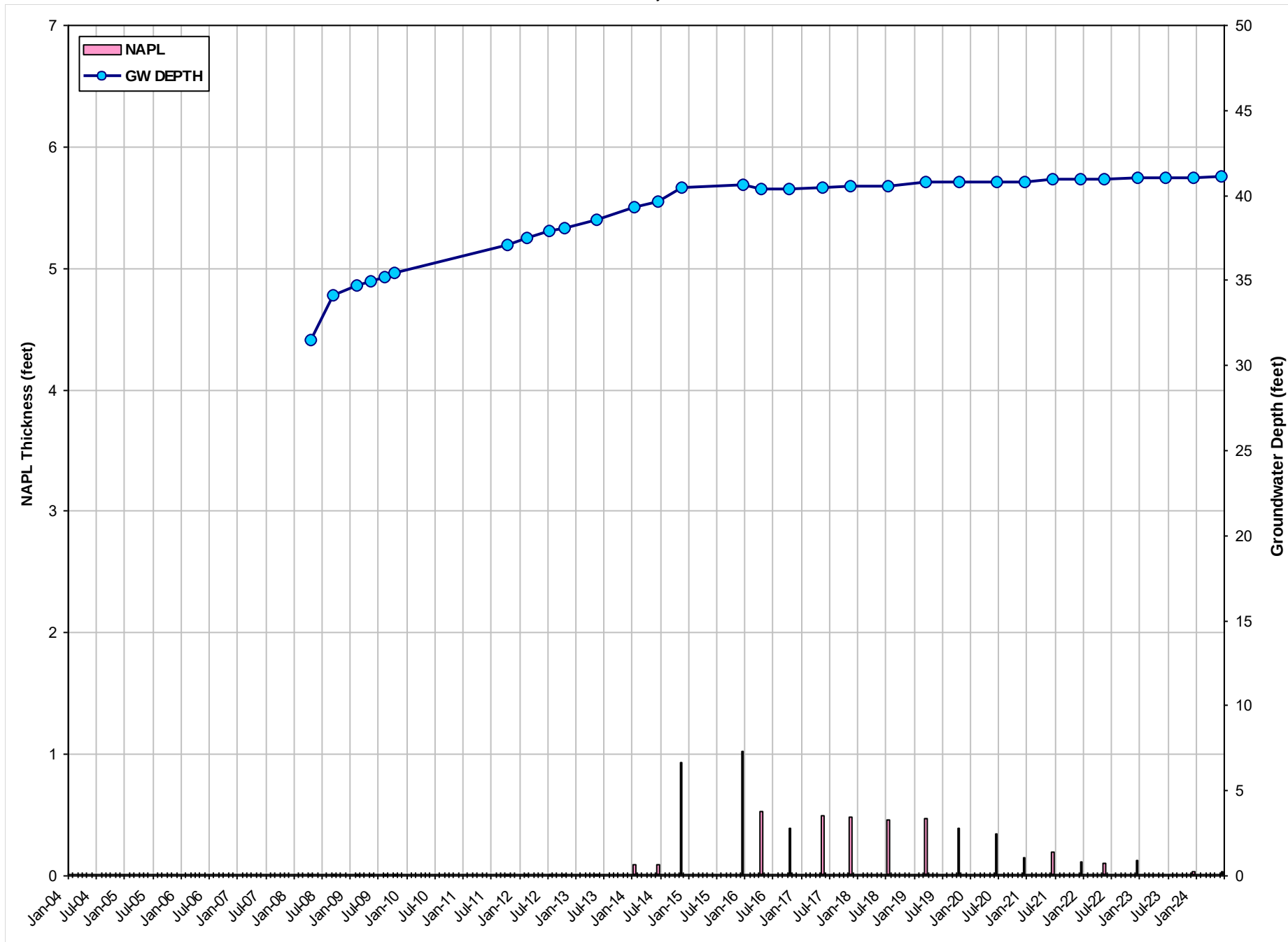
GRAPH 10
NAPL THICKNESS AND GROUNDWATER DEPTH VS. TIME - MW-10
Gladiola Station
Lea County, New Mexico



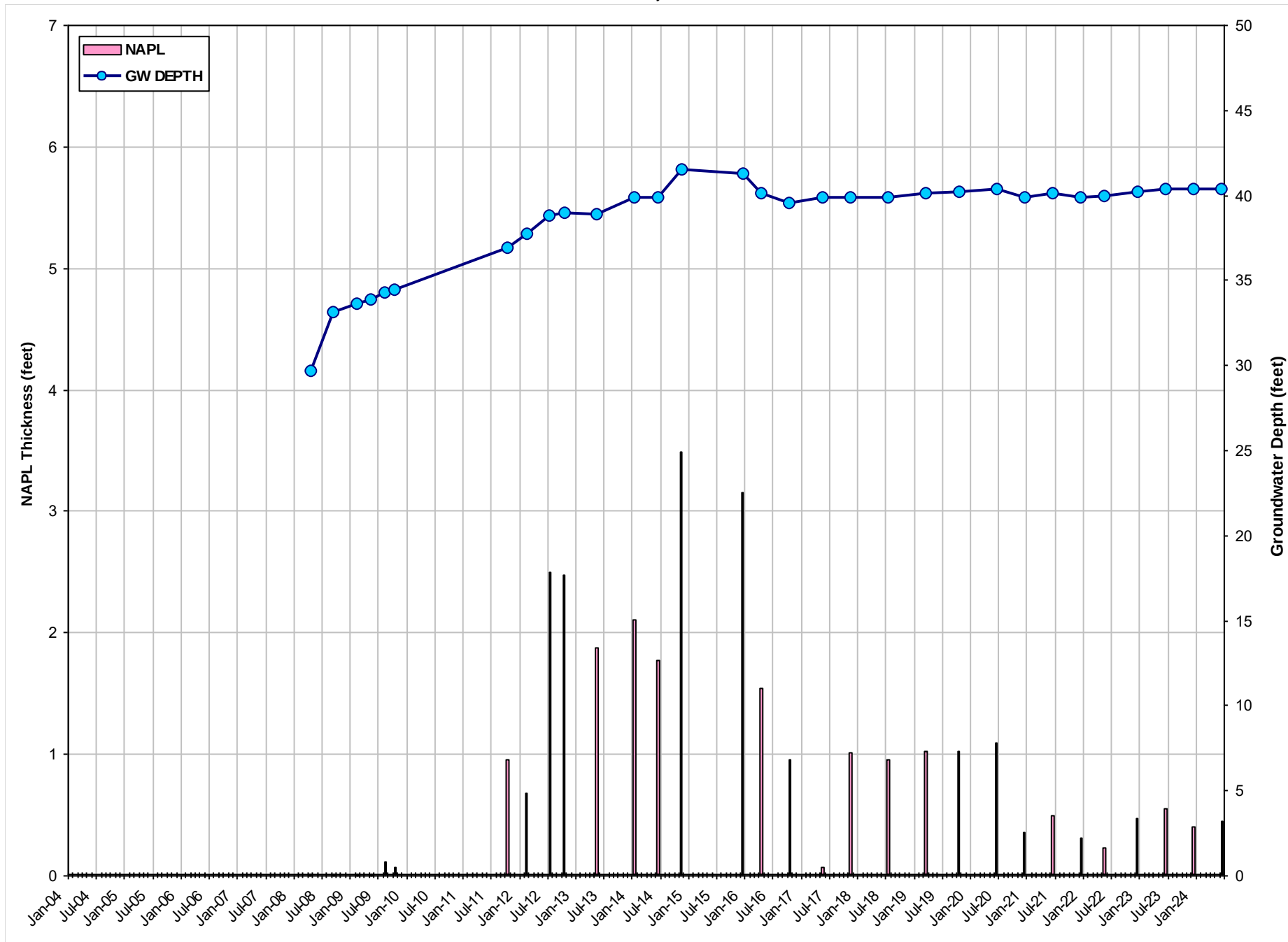
GRAPH 11
NAPL THICKNESS AND GROUNDWATER DEPTH VS. TIME - MW-11
Gladiola Station
Lea County, New Mexico



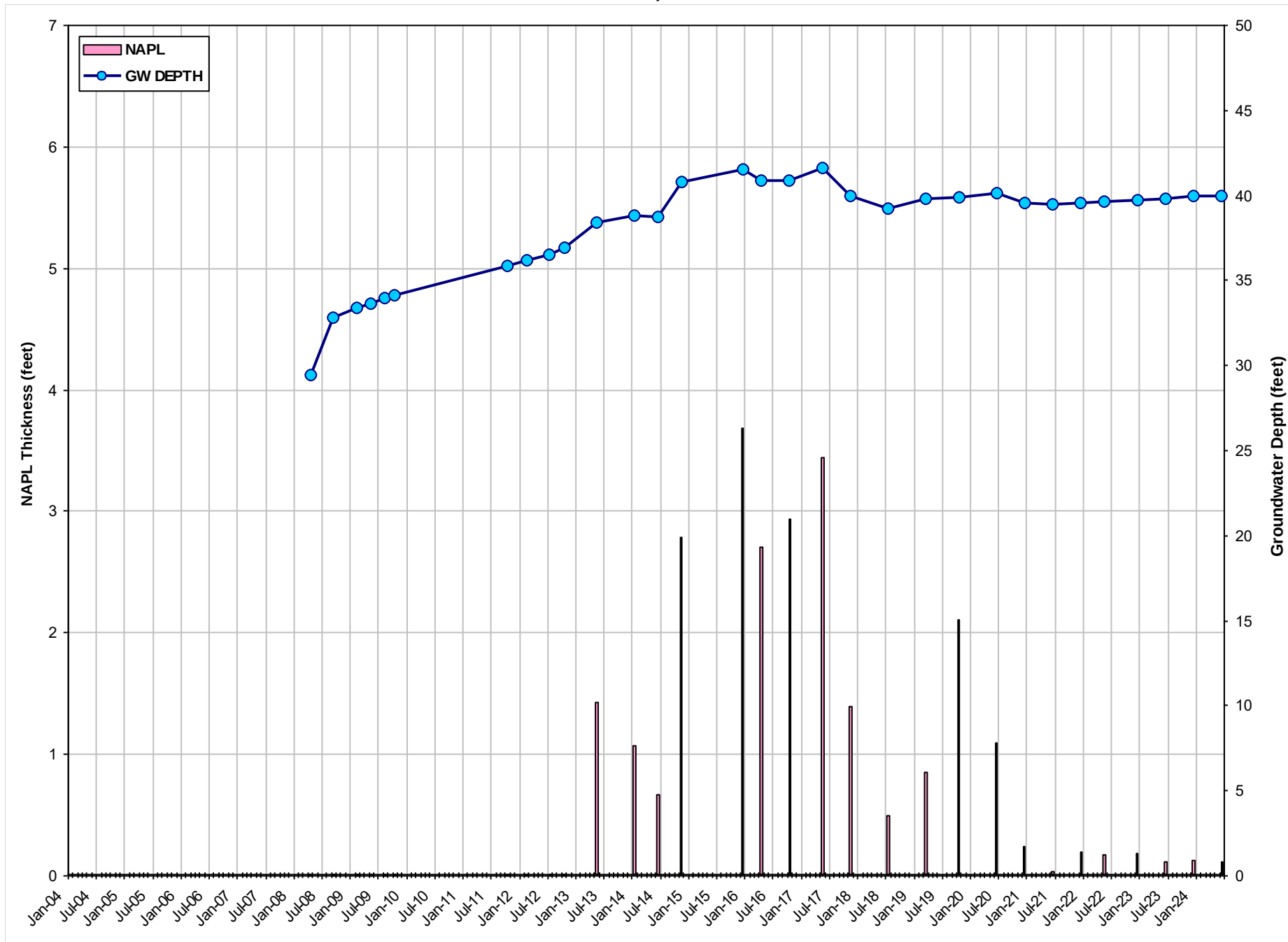
GRAPH 12
NAPL THICKNESS AND GROUNDWATER DEPTH VS. TIME - MW-12
Gladiola Station
Lea County, New Mexico



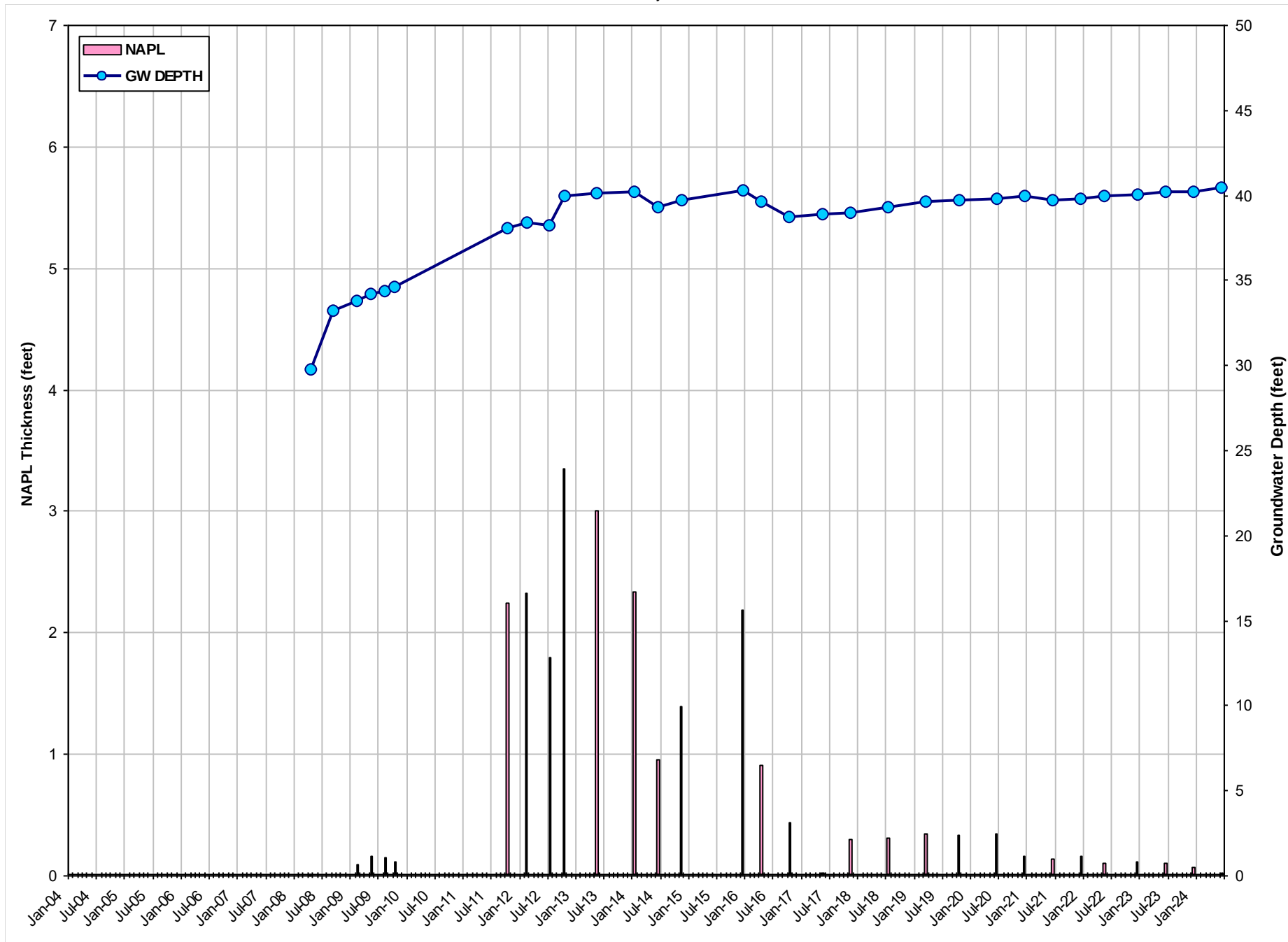
GRAPH 13
NAPL THICKNESS AND GROUNDWATER DEPTH VS. TIME - MW-13
Gladiola Station
Lea County, New Mexico



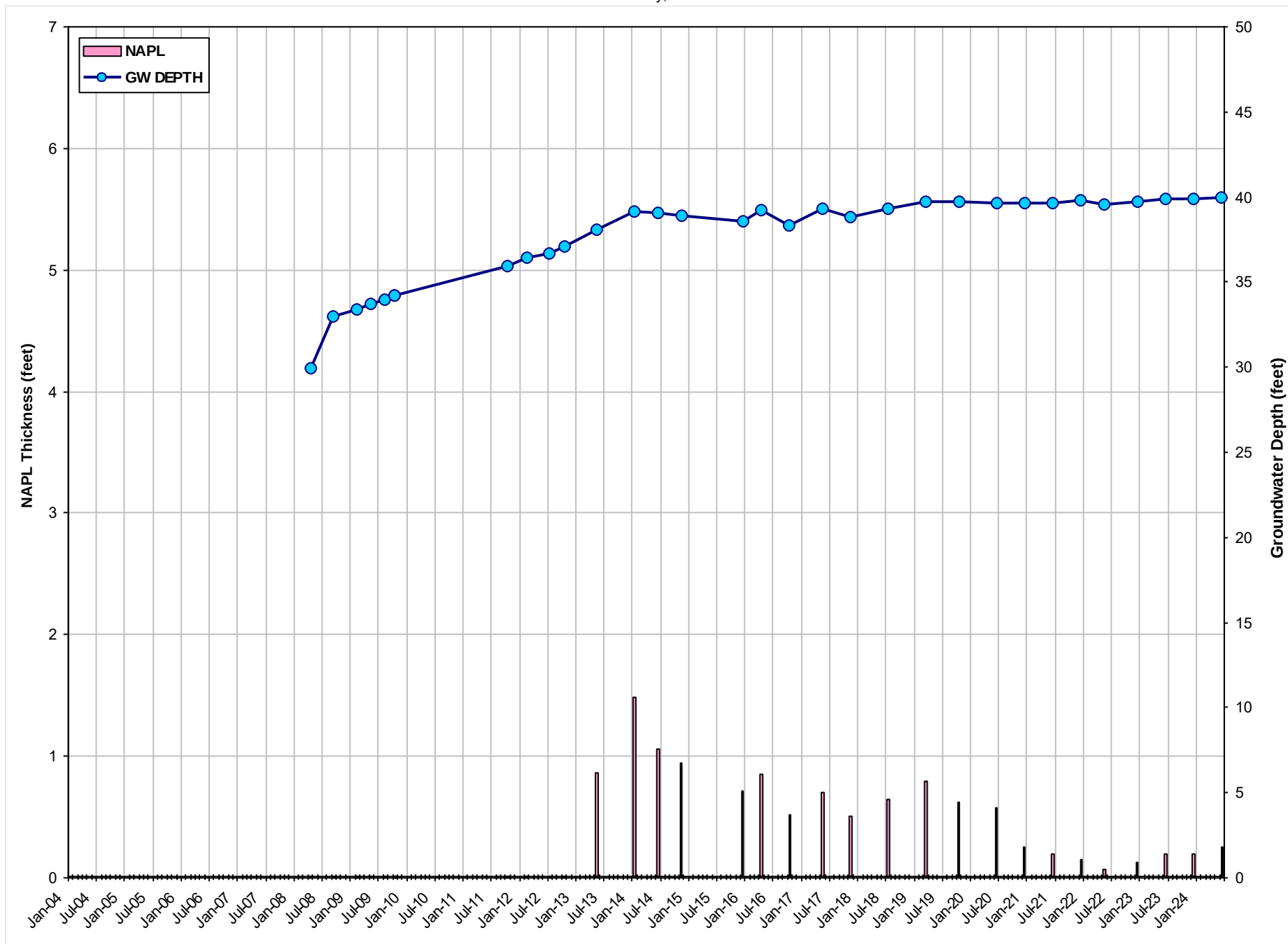
GRAPH 14
NAPL THICKNESS AND GROUNDWATER DEPTH VS. TIME - MW-14
Gladiola Station
Lea County, New Mexico



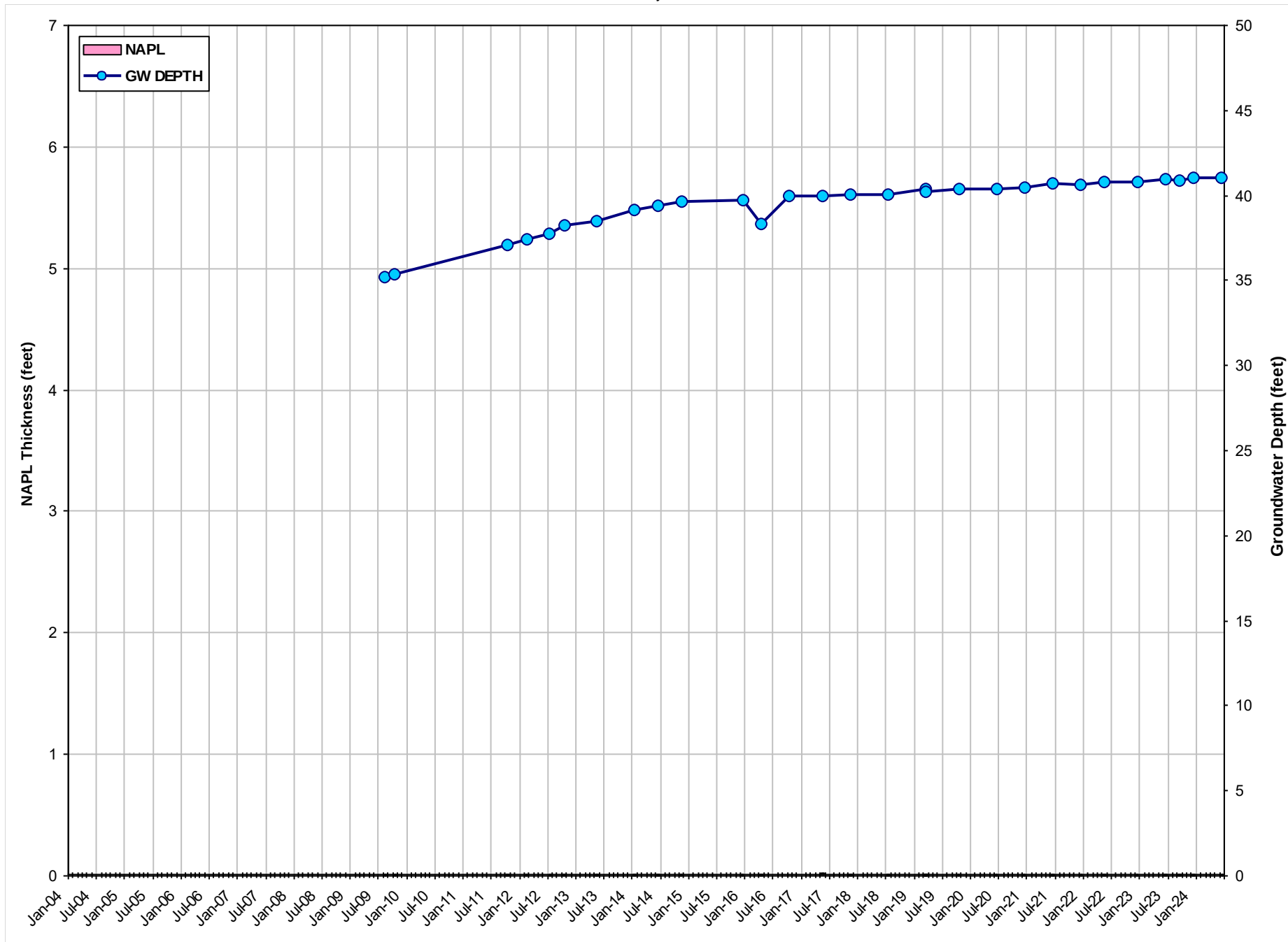
GRAPH 15
NAPL THICKNESS AND GROUNDWATER DEPTH VS. TIME - MW-15
Gladiola Station
Lea County, New Mexico



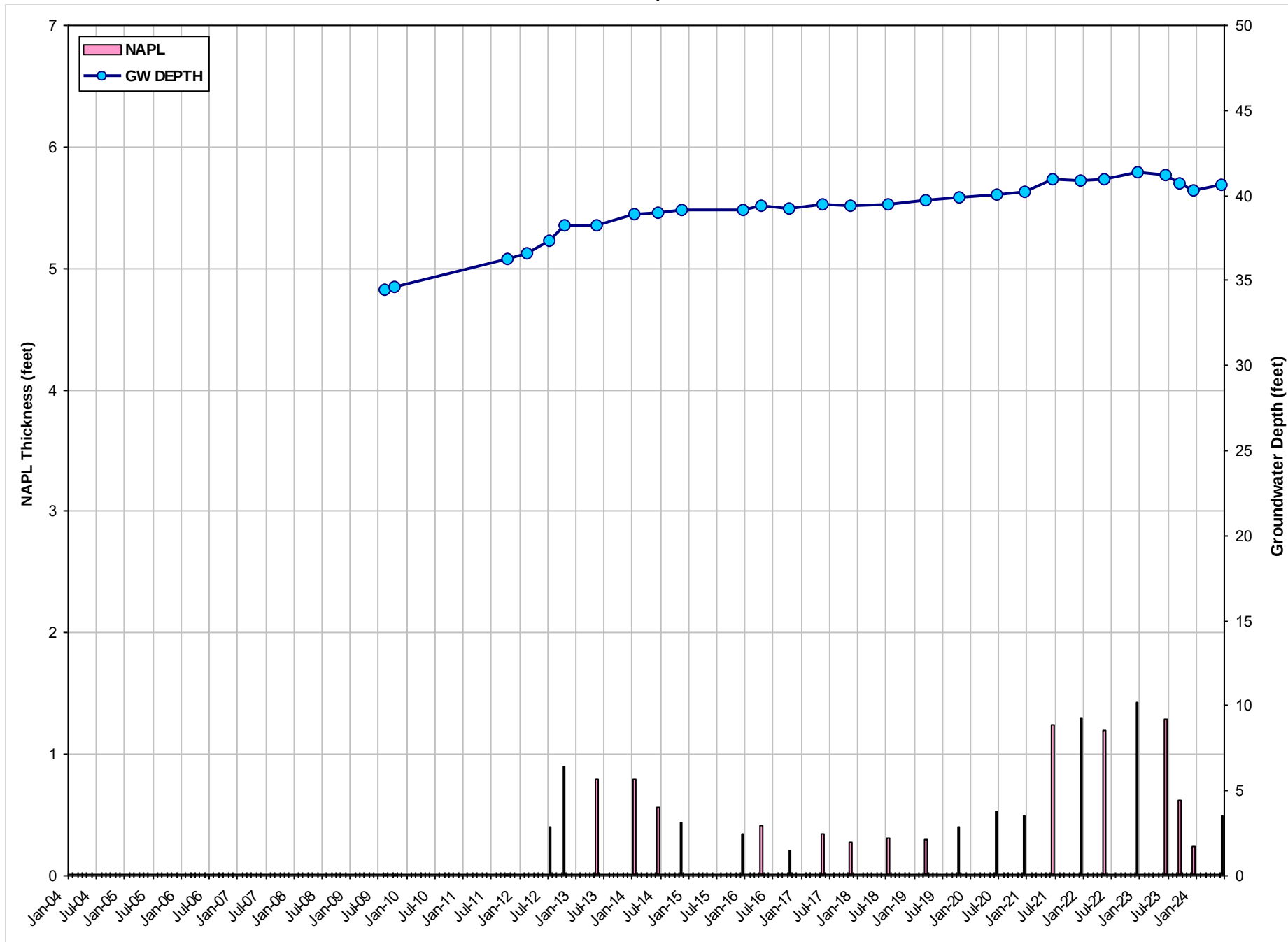
GRAPH 16
NAPL THICKNESS AND GROUNDWATER DEPTH VS. TIME - MW-16
Gladiola Station
Lea County, New Mexico



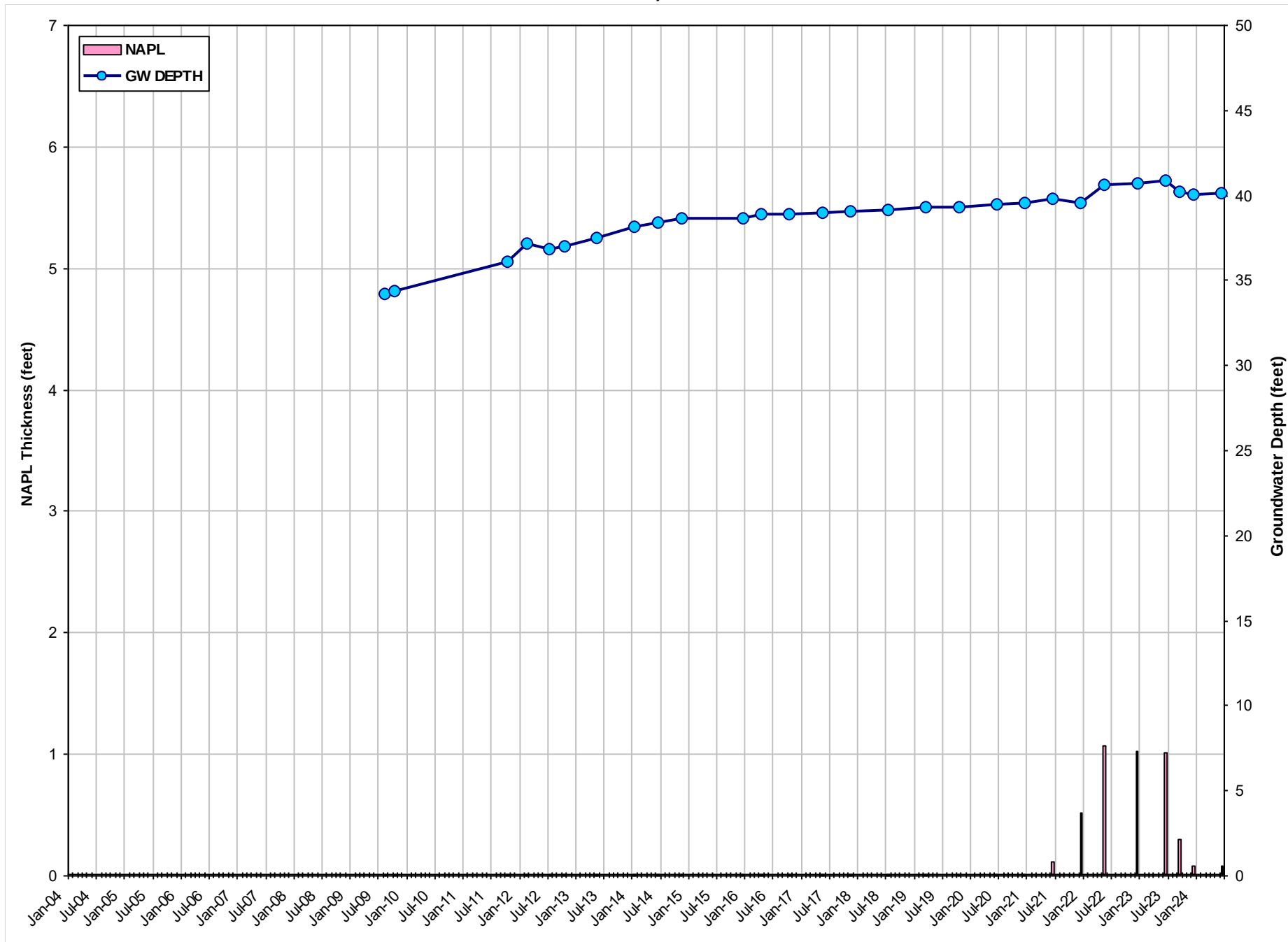
GRAPH 17
NAPL THICKNESS AND GROUNDWATER DEPTH VS. TIME - MW-17
Gladiola Station
Lea County, New Mexico



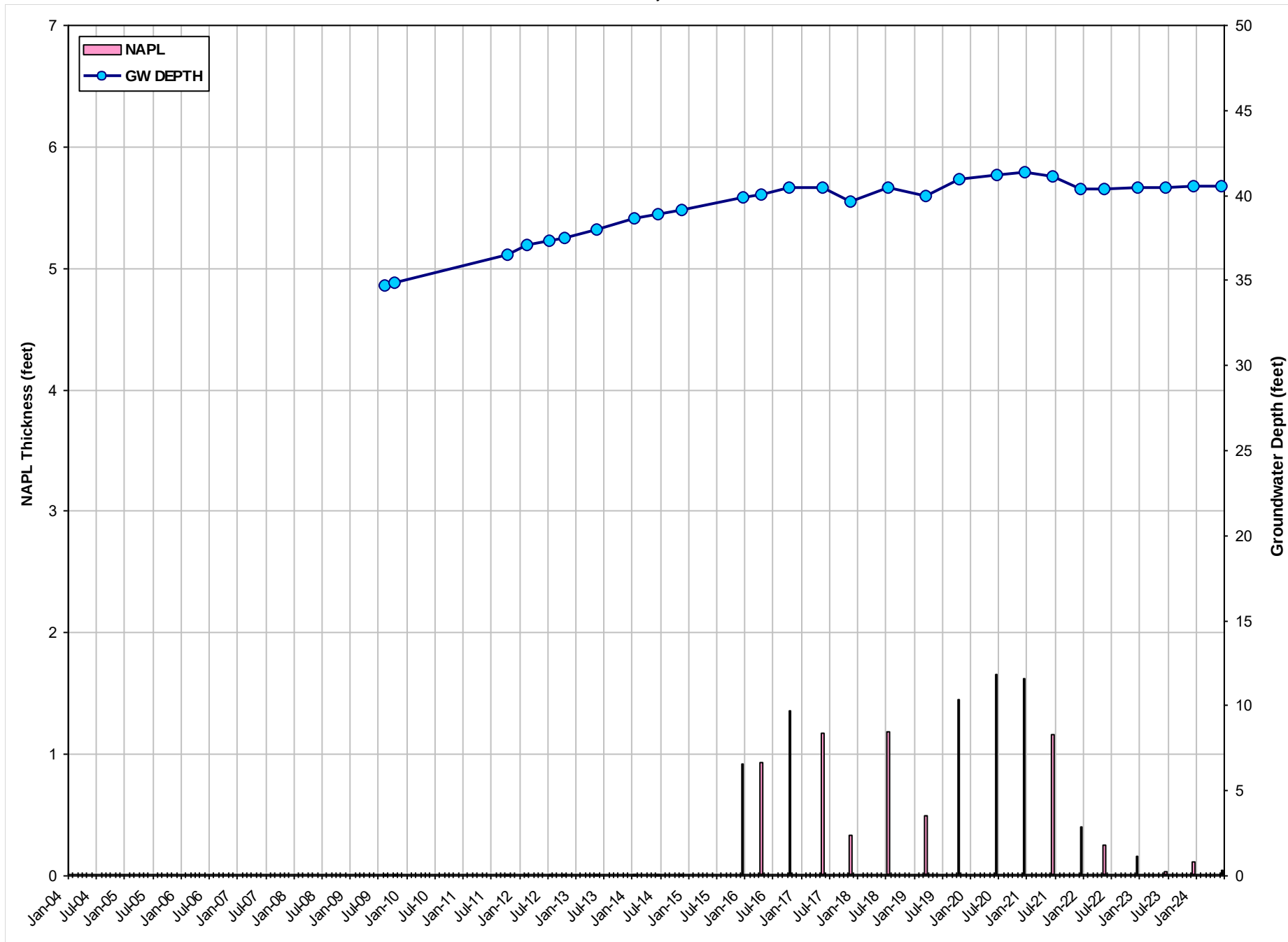
GRAPH 18
NAPL THICKNESS AND GROUNDWATER DEPTH VS. TIME - MW-18
Gladiola Station
Lea County, New Mexico



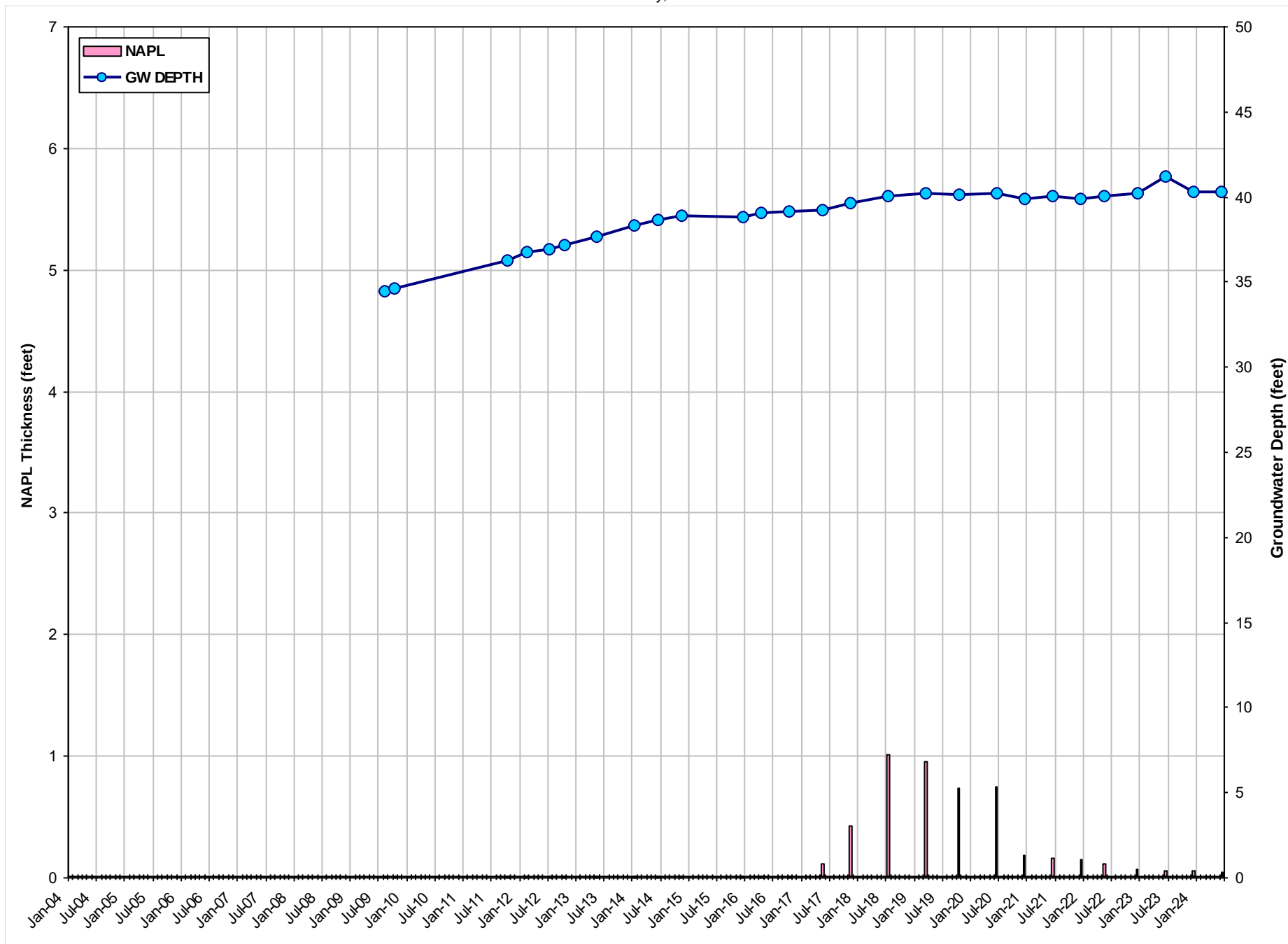
GRAPH 19
NAPL THICKNESS AND GROUNDWATER DEPTH VS. TIME - MW-19
Gladiola Station
Lea County, New Mexico



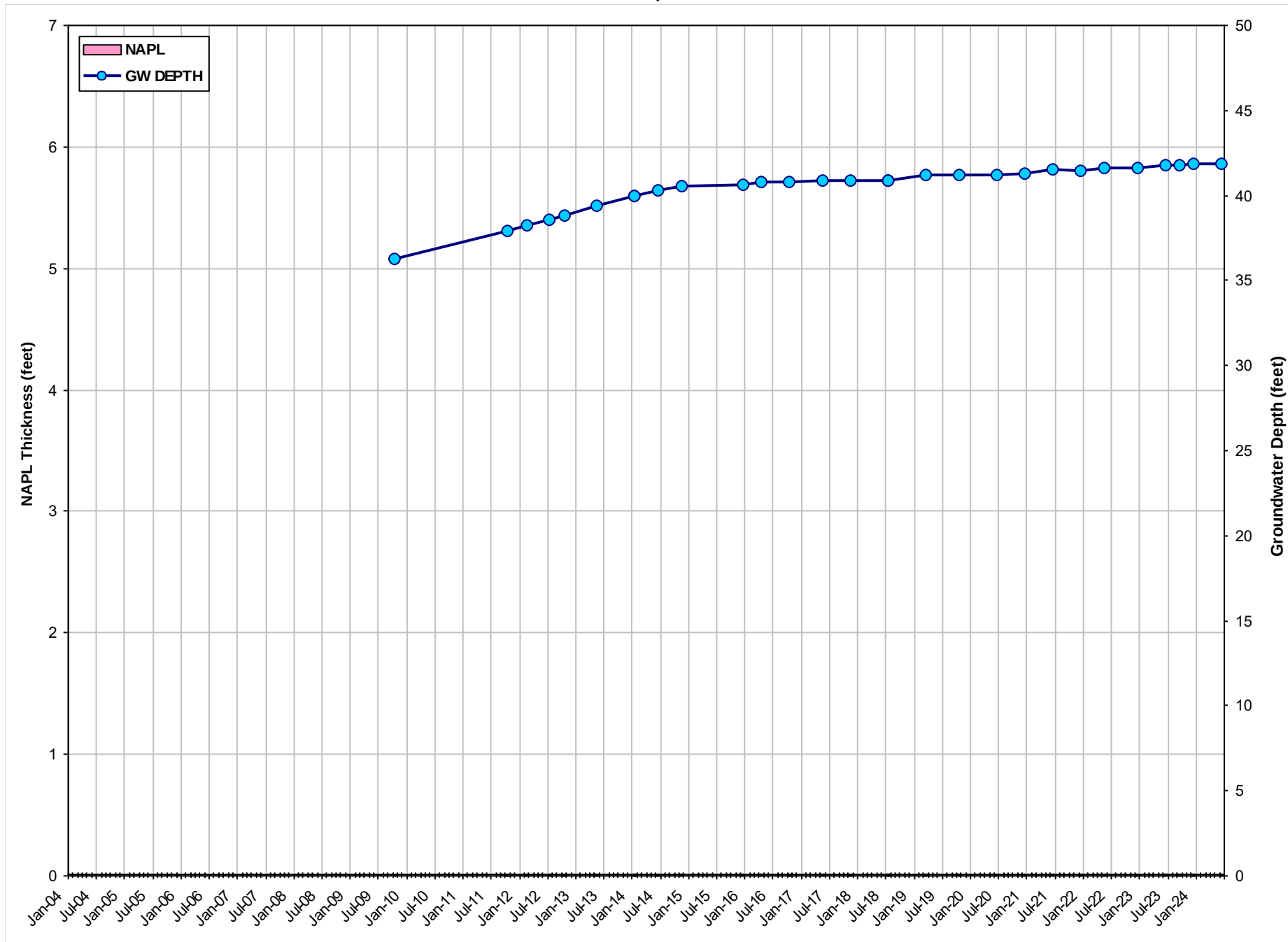
GRAPH 20
NAPL THICKNESS AND GROUNDWATER DEPTH VS. TIME - MW-20
Gladiola Station
Lea County, New Mexico



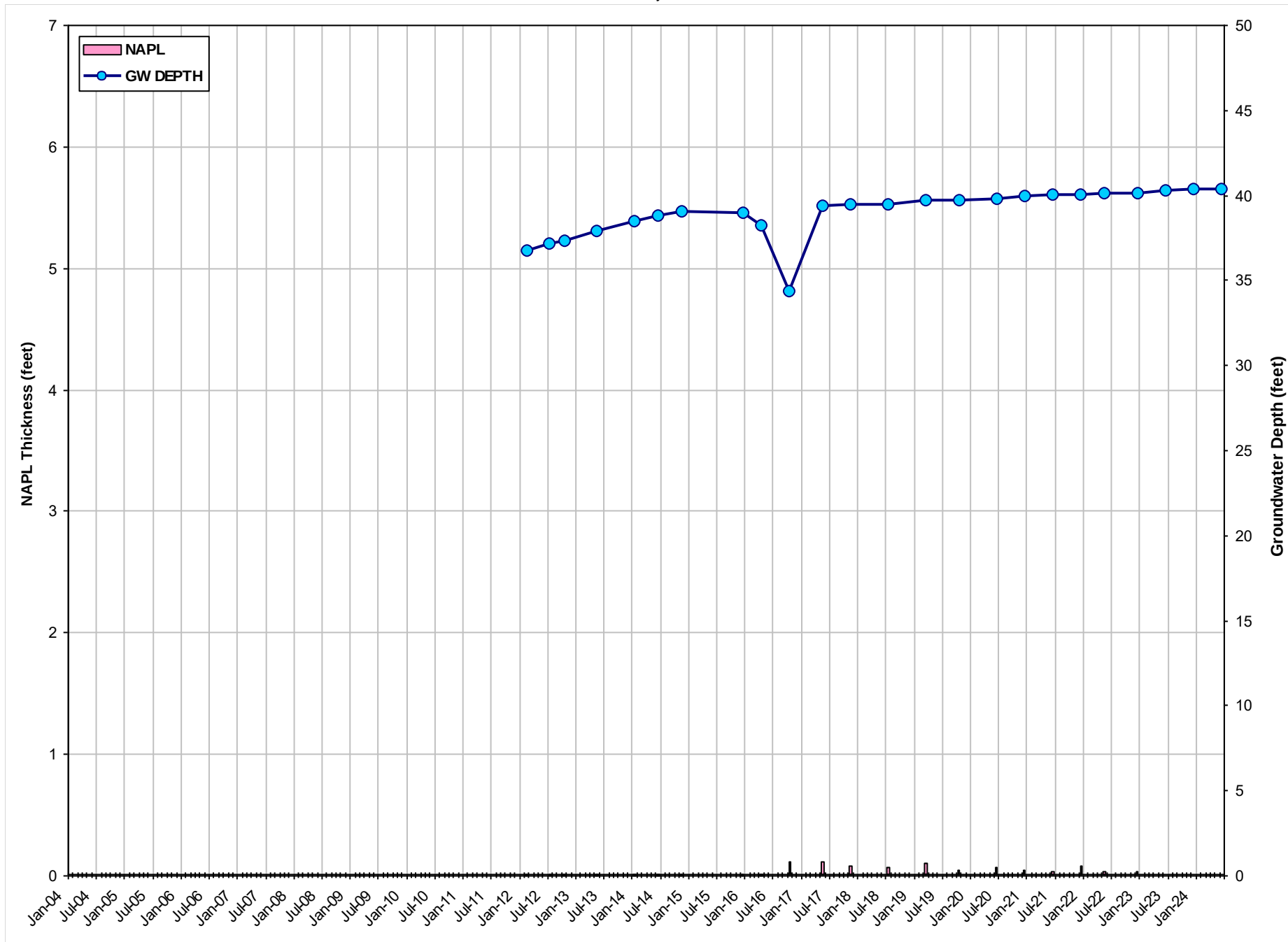
GRAPH 21
NAPL THICKNESS AND GROUNDWATER DEPTH VS. TIME - MW-21
Gladiola Station
Lea County, New Mexico



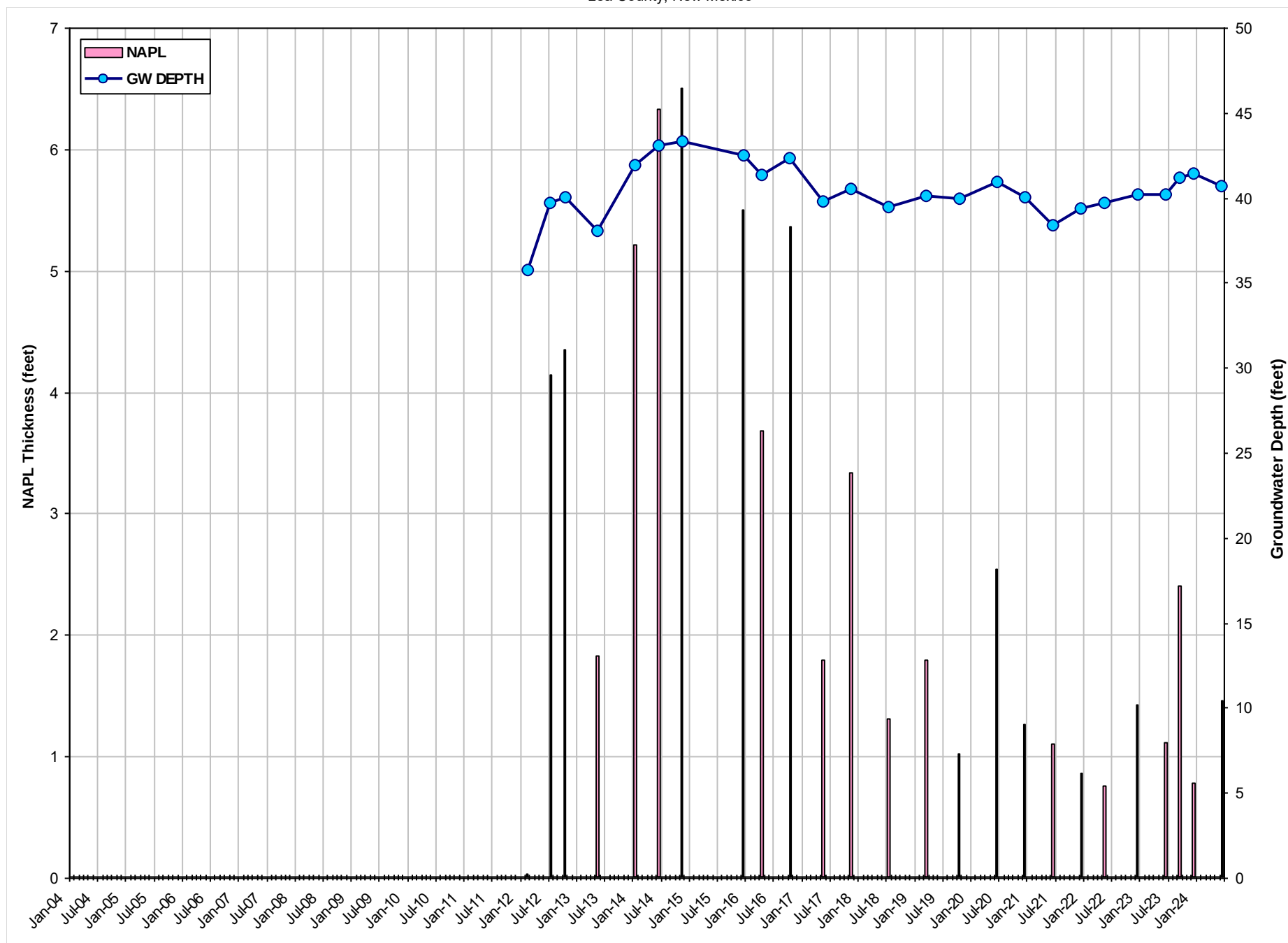
GRAPH 22
NAPL THICKNESS AND GROUNDWATER DEPTH VS. TIME - MW-22
Gladiola Station
Lea County, New Mexico



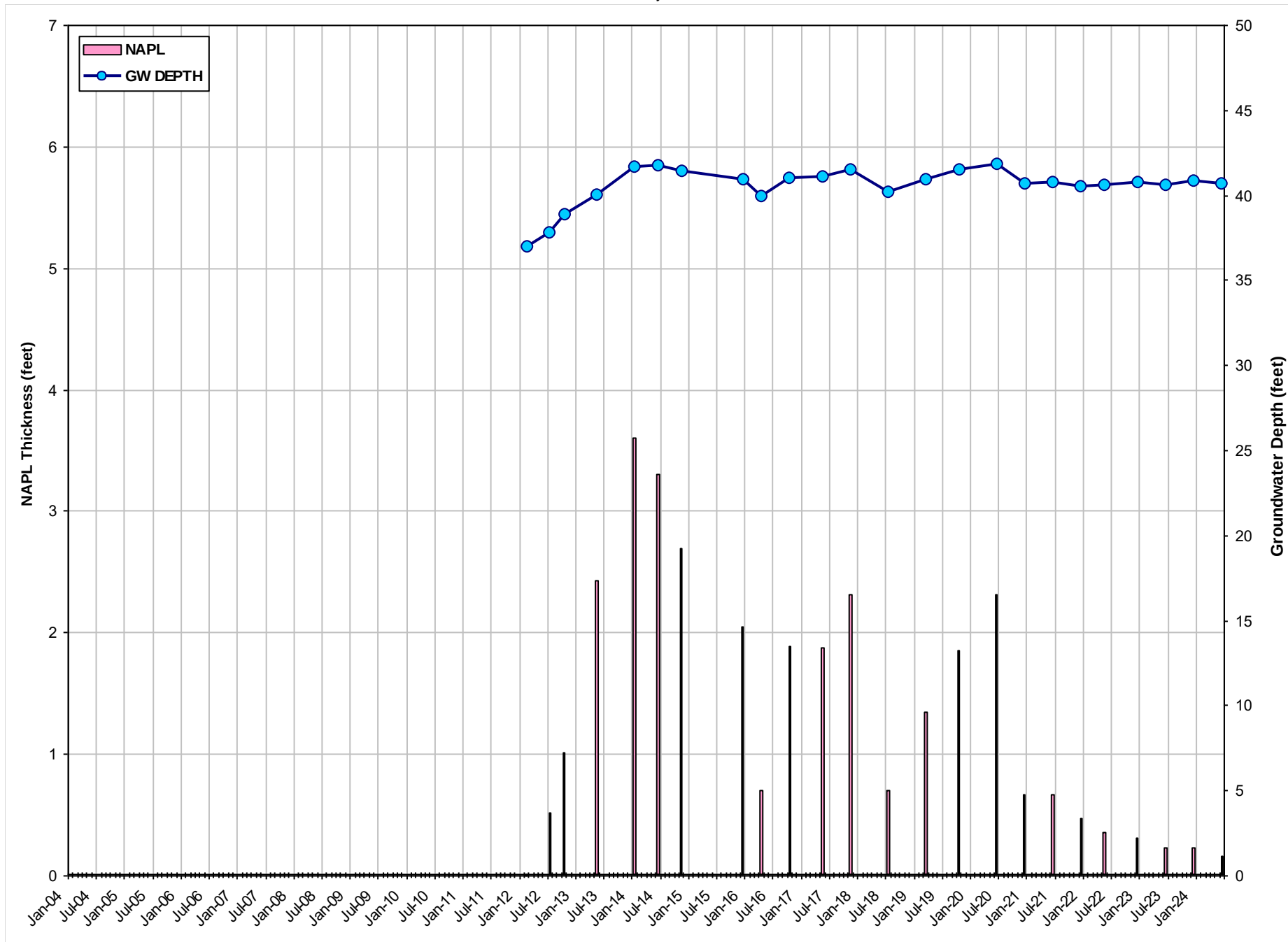
GRAPH 23
NAPL THICKNESS AND GROUNDWATER DEPTH VS. TIME - MW-23
Gladiola Station
Lea County, New Mexico



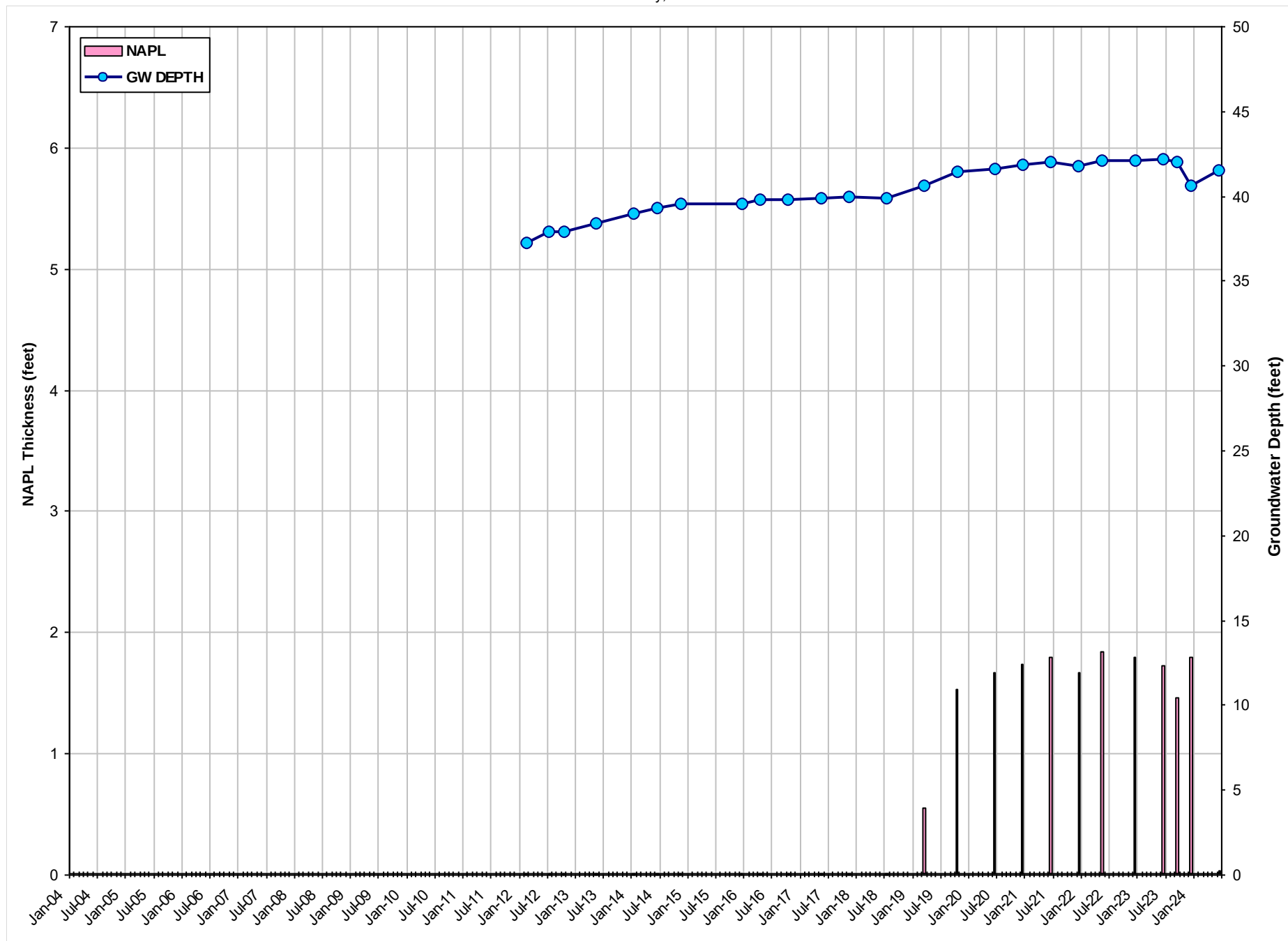
GRAPH 24
NAPL THICKNESS AND GROUNDWATER DEPTH VS. TIME - MW-24
Gladiola Station
Lea County, New Mexico



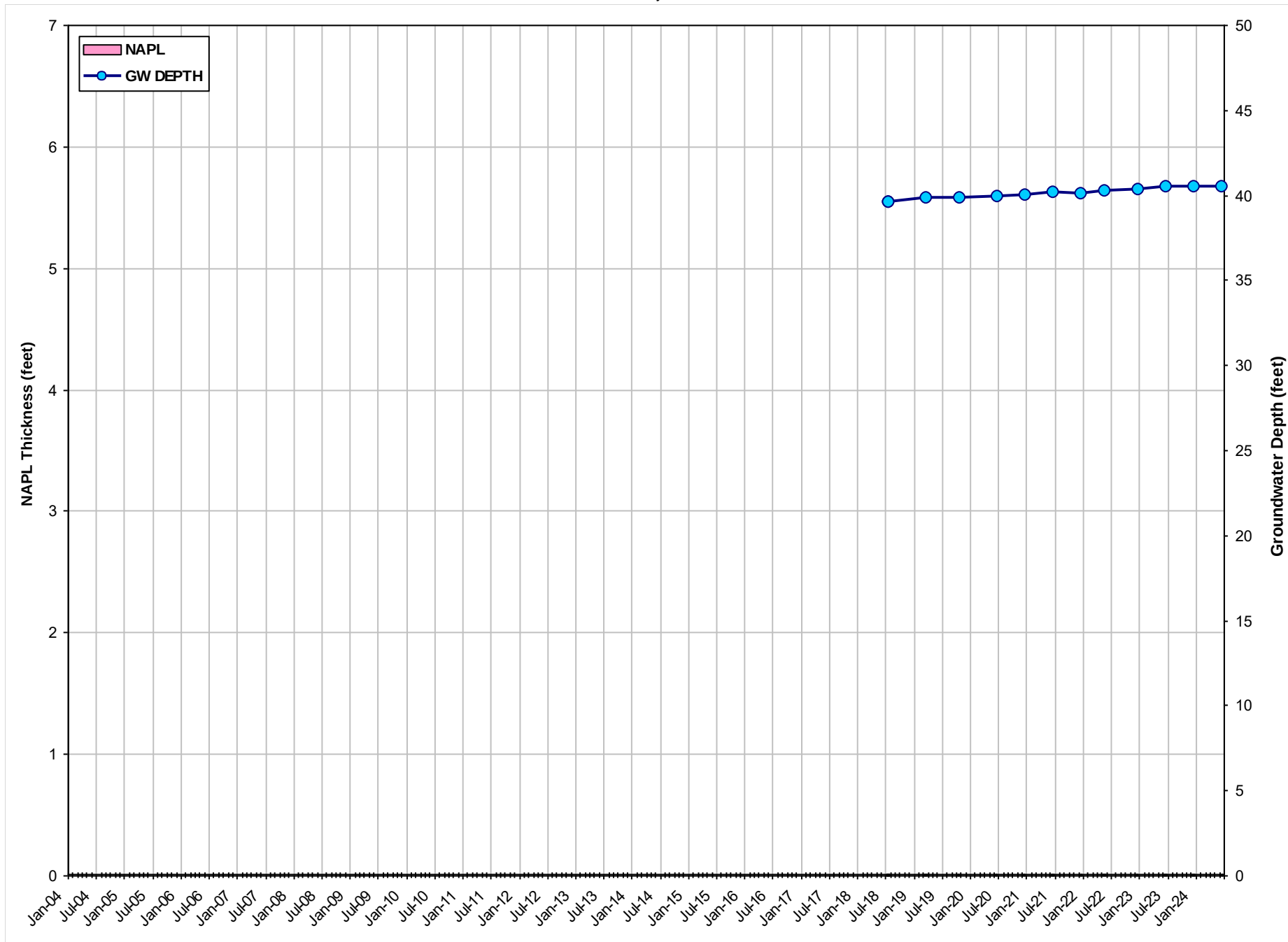
GRAPH 25
NAPL THICKNESS AND GROUNDWATER DEPTH VS. TIME - MW-25
Gladiola Station
Lea County, New Mexico



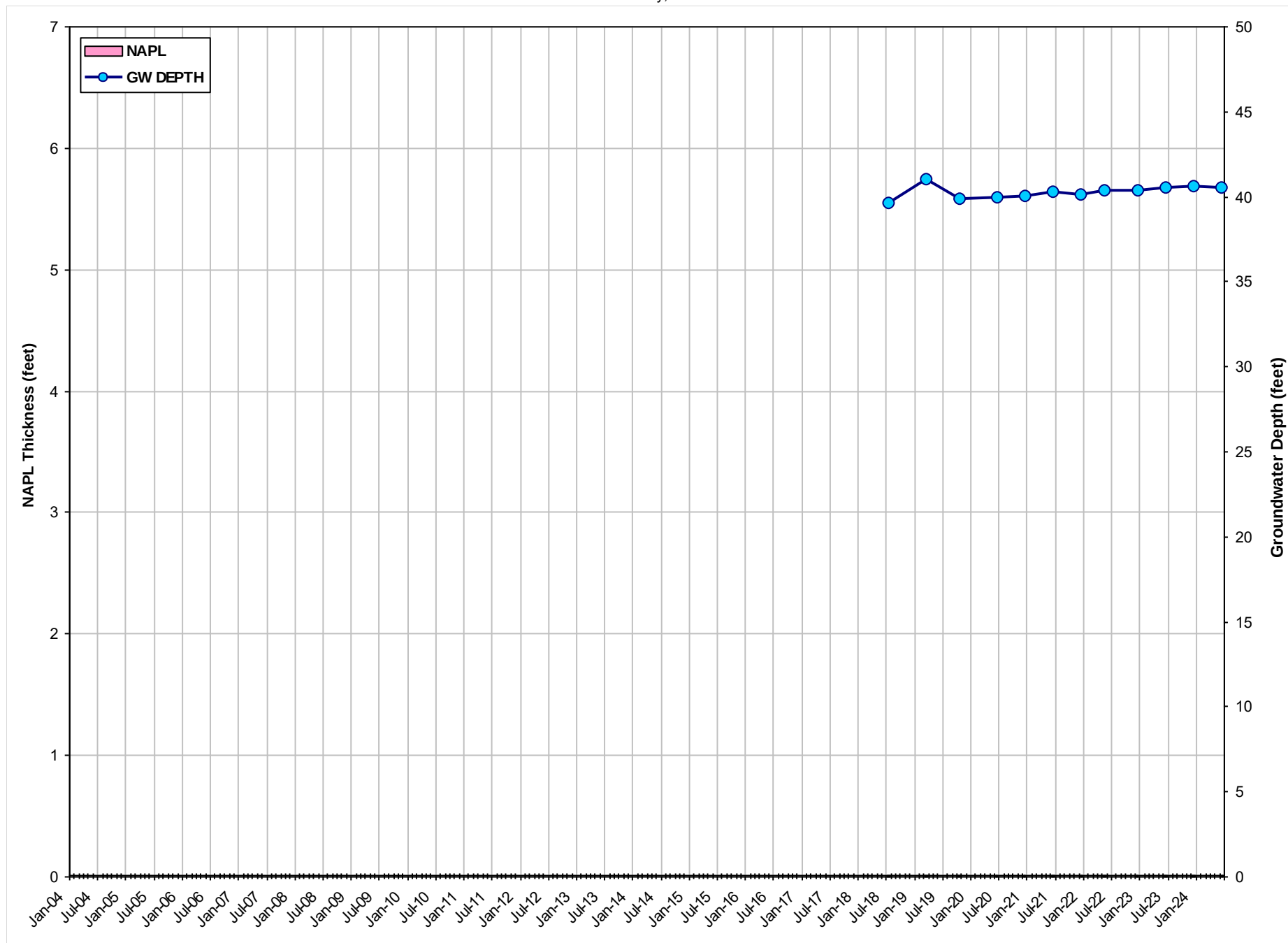
GRAPH 26
NAPL THICKNESS AND GROUNDWATER DEPTH VS. TIME - MW-26
Gladiola Station
Lea County, New Mexico



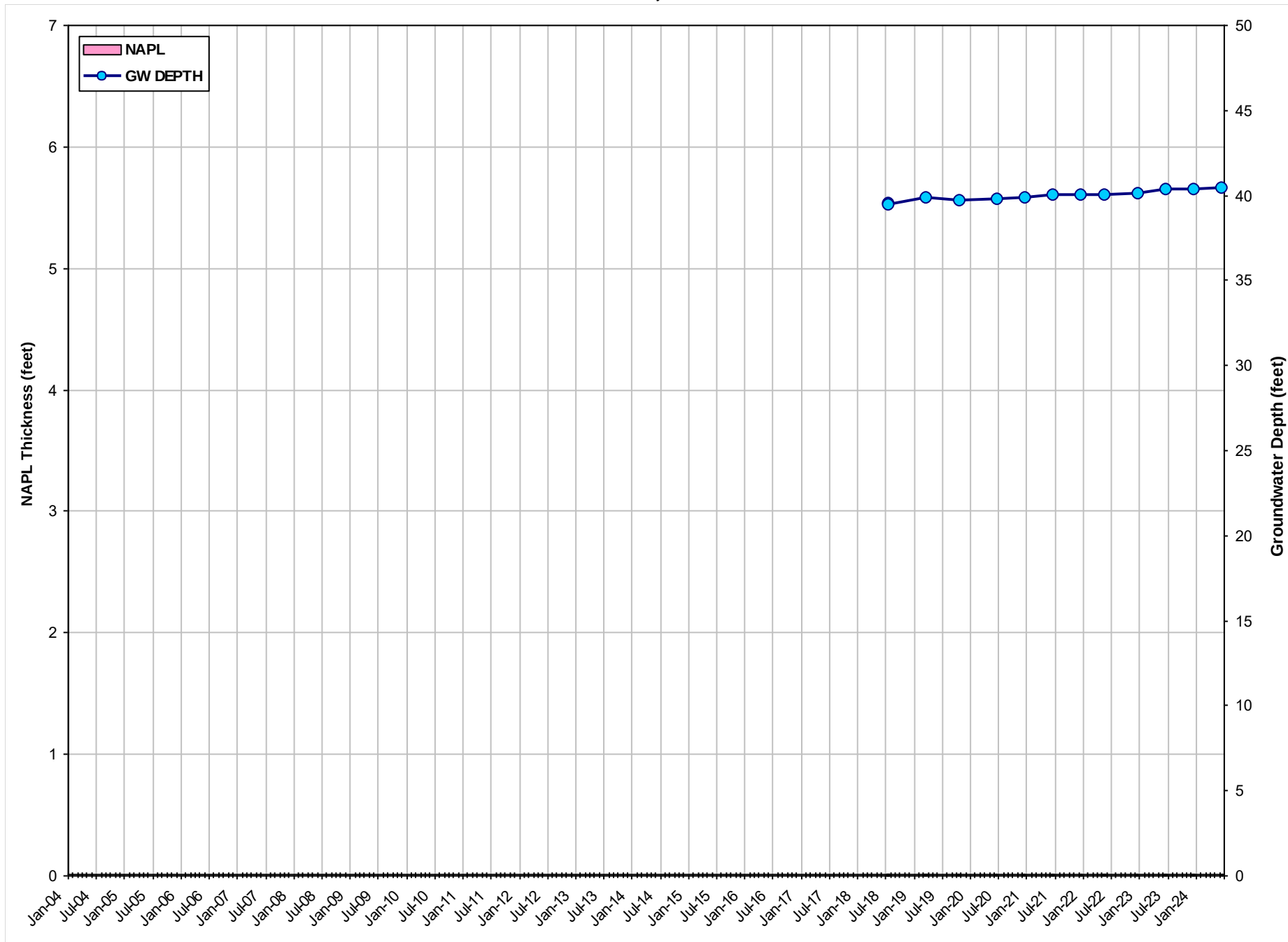
GRAPH 27
NAPL THICKNESS AND GROUNDWATER DEPTH VS. TIME - MW-27
Gladiola Station
Lea County, New Mexico



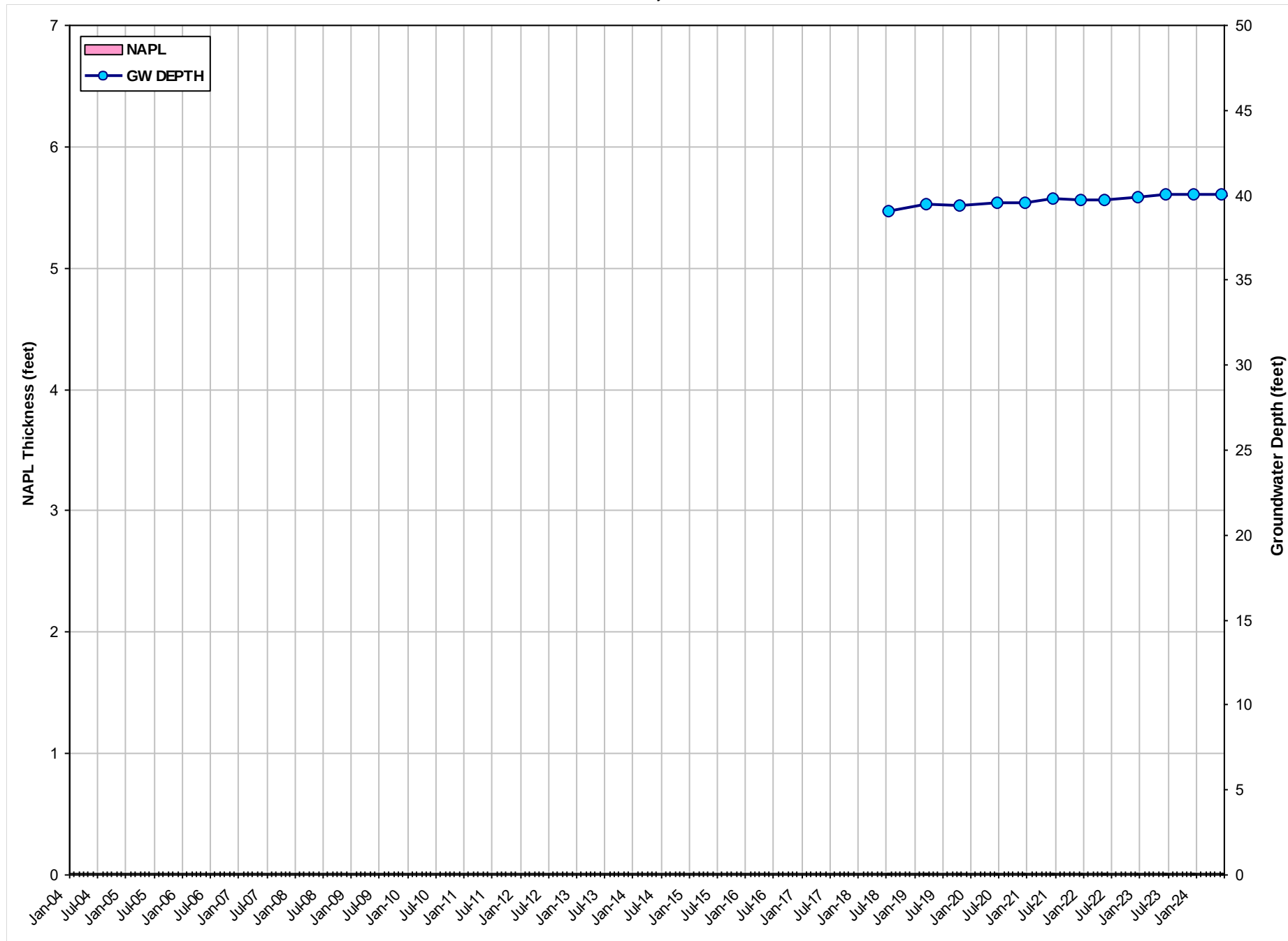
GRAPH 28
NAPL THICKNESS AND GROUNDWATER DEPTH VS. TIME - MW-28
Gladiola Station
Lea County, New Mexico



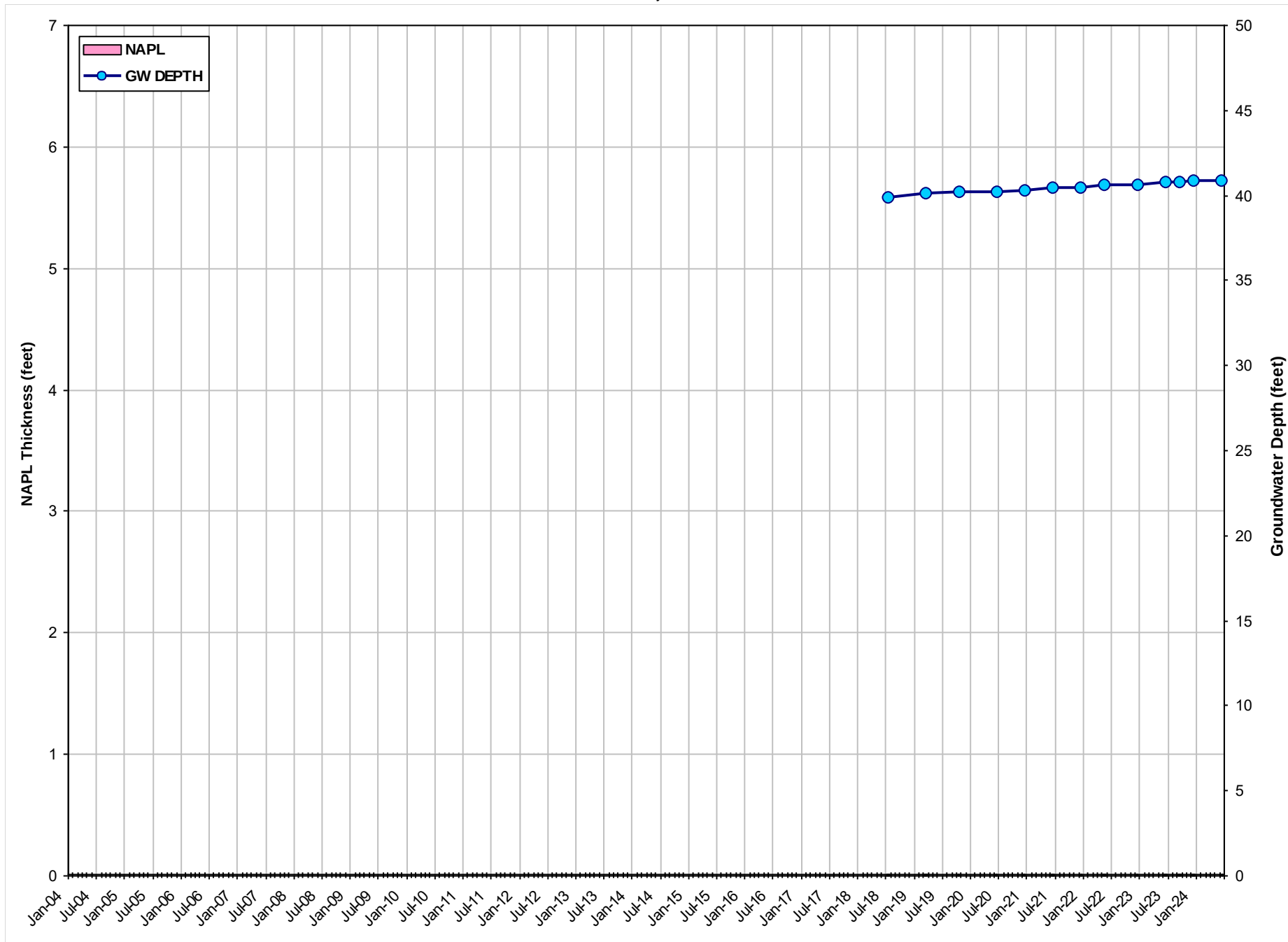
GRAPH 29
NAPL THICKNESS AND GROUNDWATER DEPTH VS. TIME - MW-29
Gladiola Station
Lea County, New Mexico



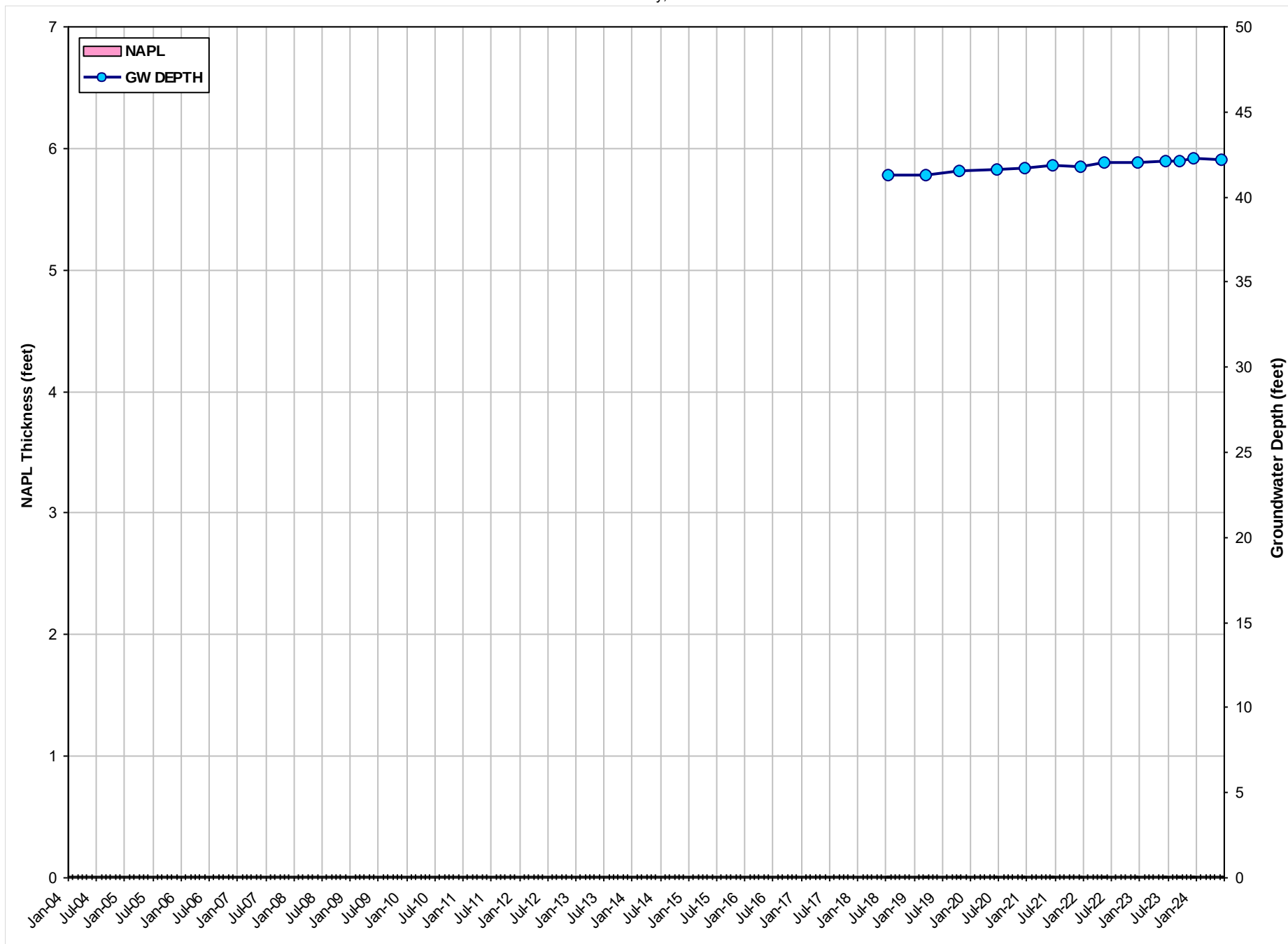
GRAPH 30
NAPL THICKNESS AND GROUNDWATER DEPTH VS. TIME - MW-30
Gladiola Station
Lea County, New Mexico



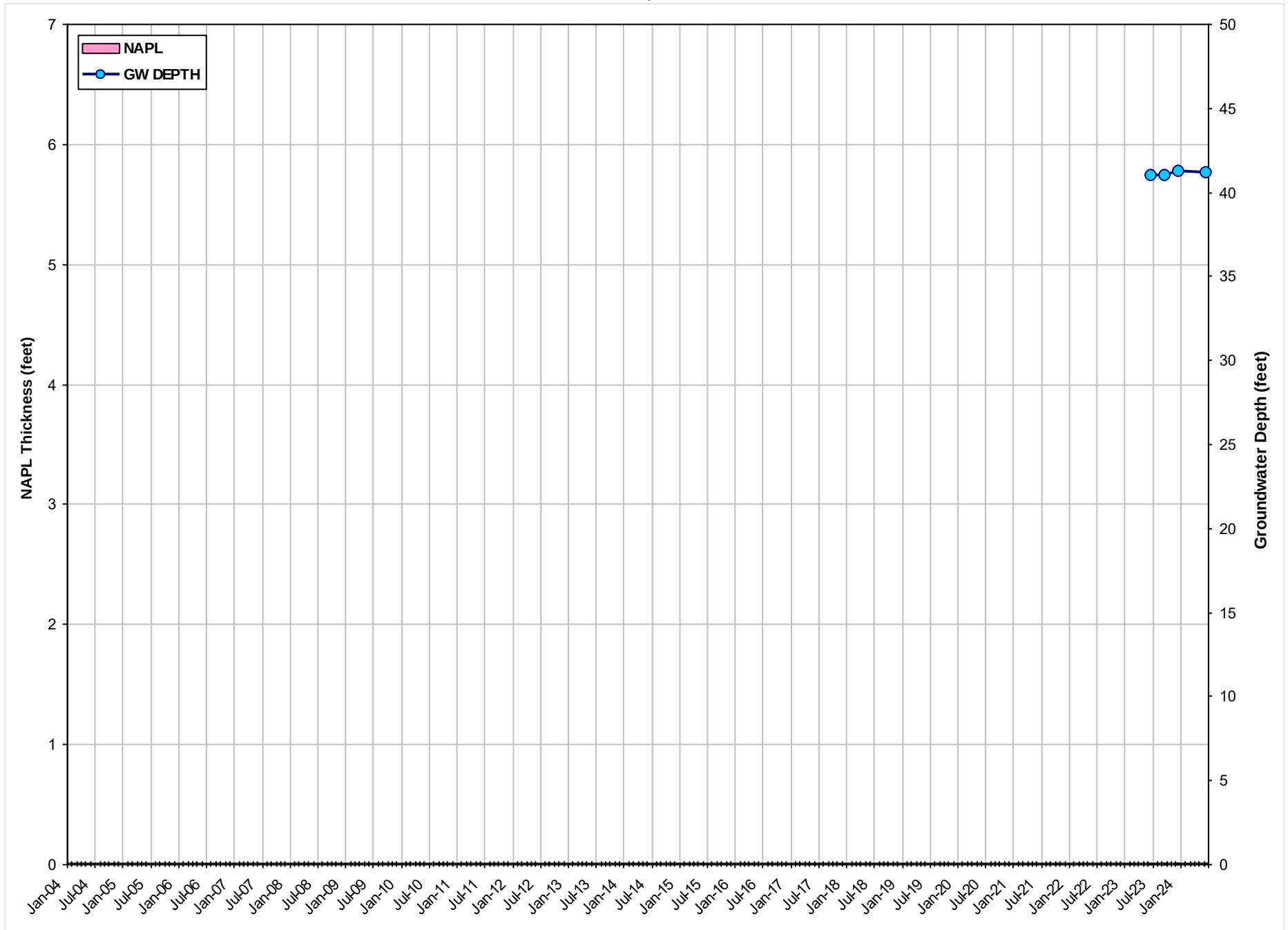
GRAPH 31
NAPL THICKNESS AND GROUNDWATER DEPTH VS. TIME - MW-31
Gladiola Station
Lea County, New Mexico



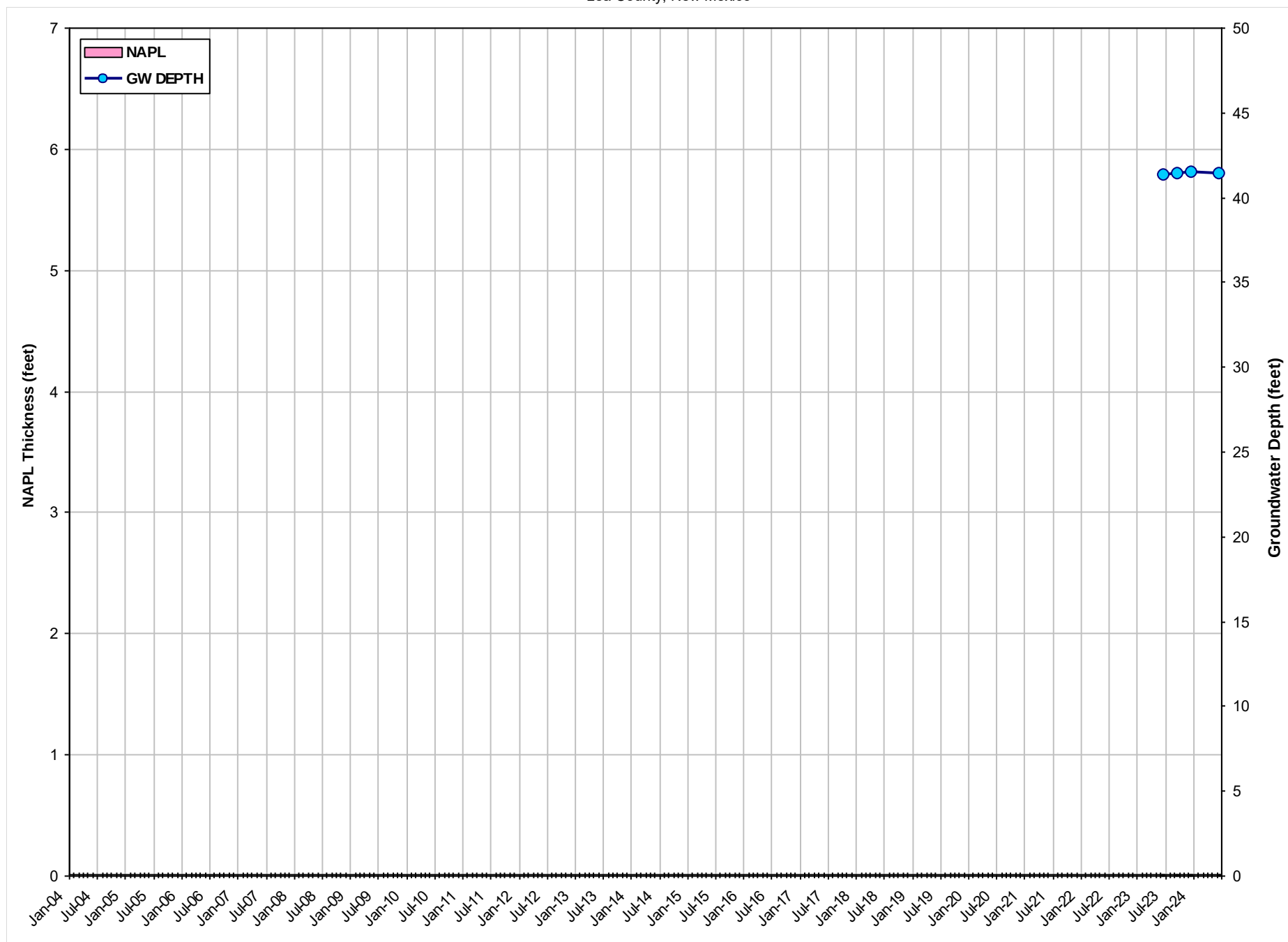
GRAPH 32
NAPL THICKNESS AND GROUNDWATER DEPTH VS. TIME - MW-32
Gladiola Station
Lea County, New Mexico



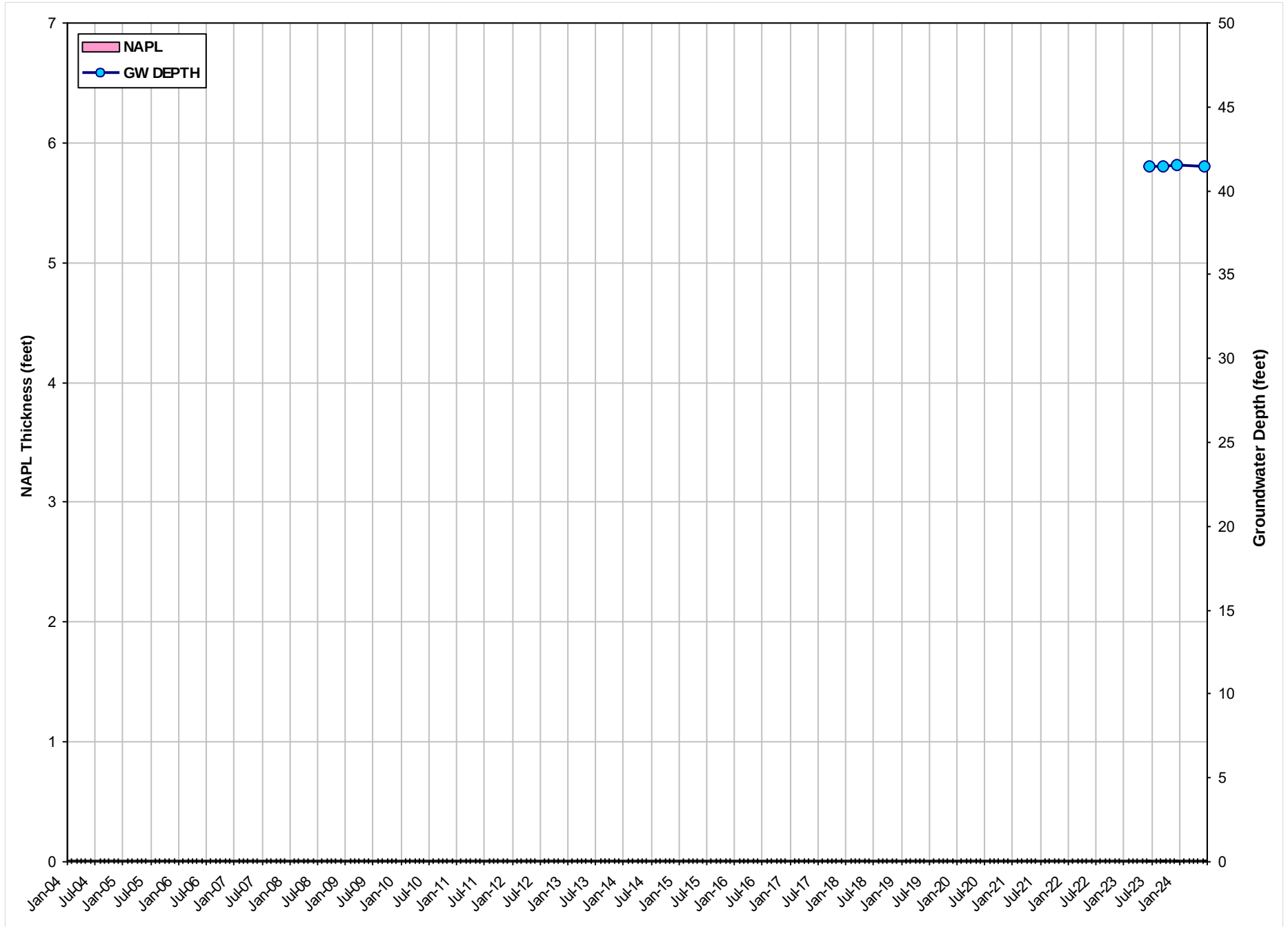
GRAPH 33
NAPL THICKNESS AND GROUNDWATER DEPTH VS. TIME - MW-33
Gladiola Station
Lea County, New Mexico



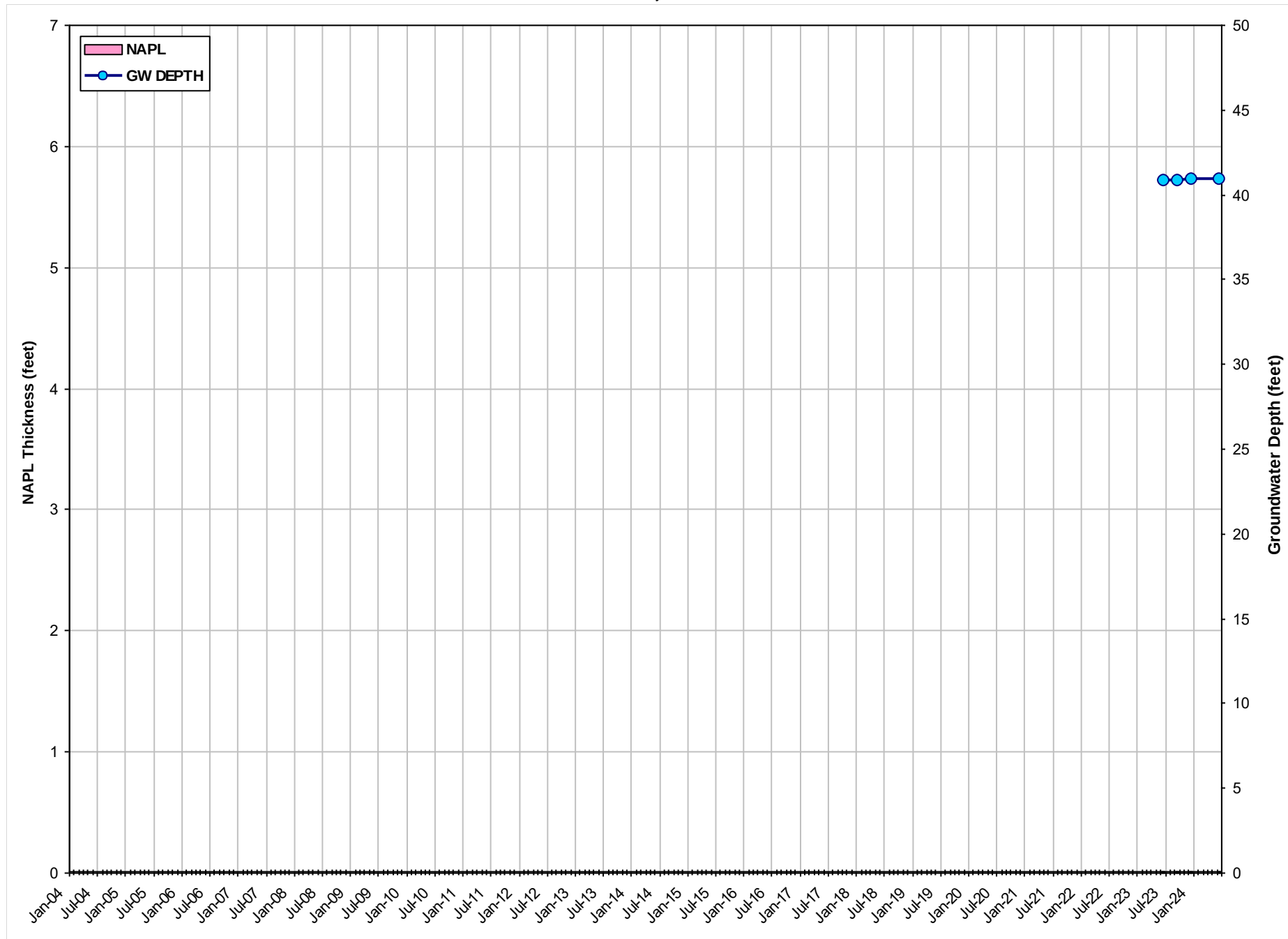
GRAPH 34
NAPL THICKNESS AND GROUNDWATER DEPTH VS. TIME - MW-34
Gladiola Station
Lea County, New Mexico



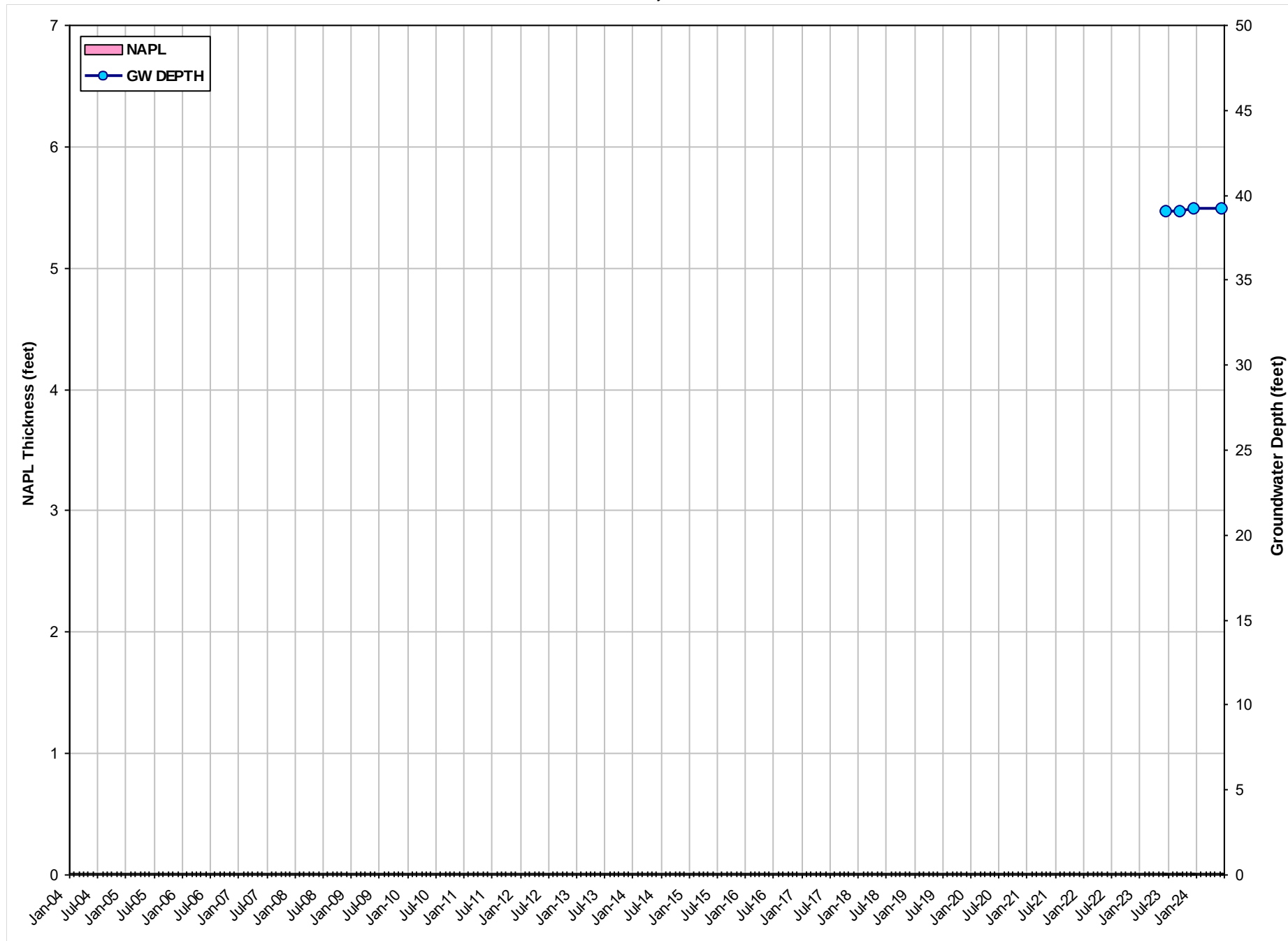
GRAPH 35
NAPL THICKNESS AND GROUNDWATER DEPTH VS. TIME - MW-35
Gladiola Station
Lea County, New Mexico



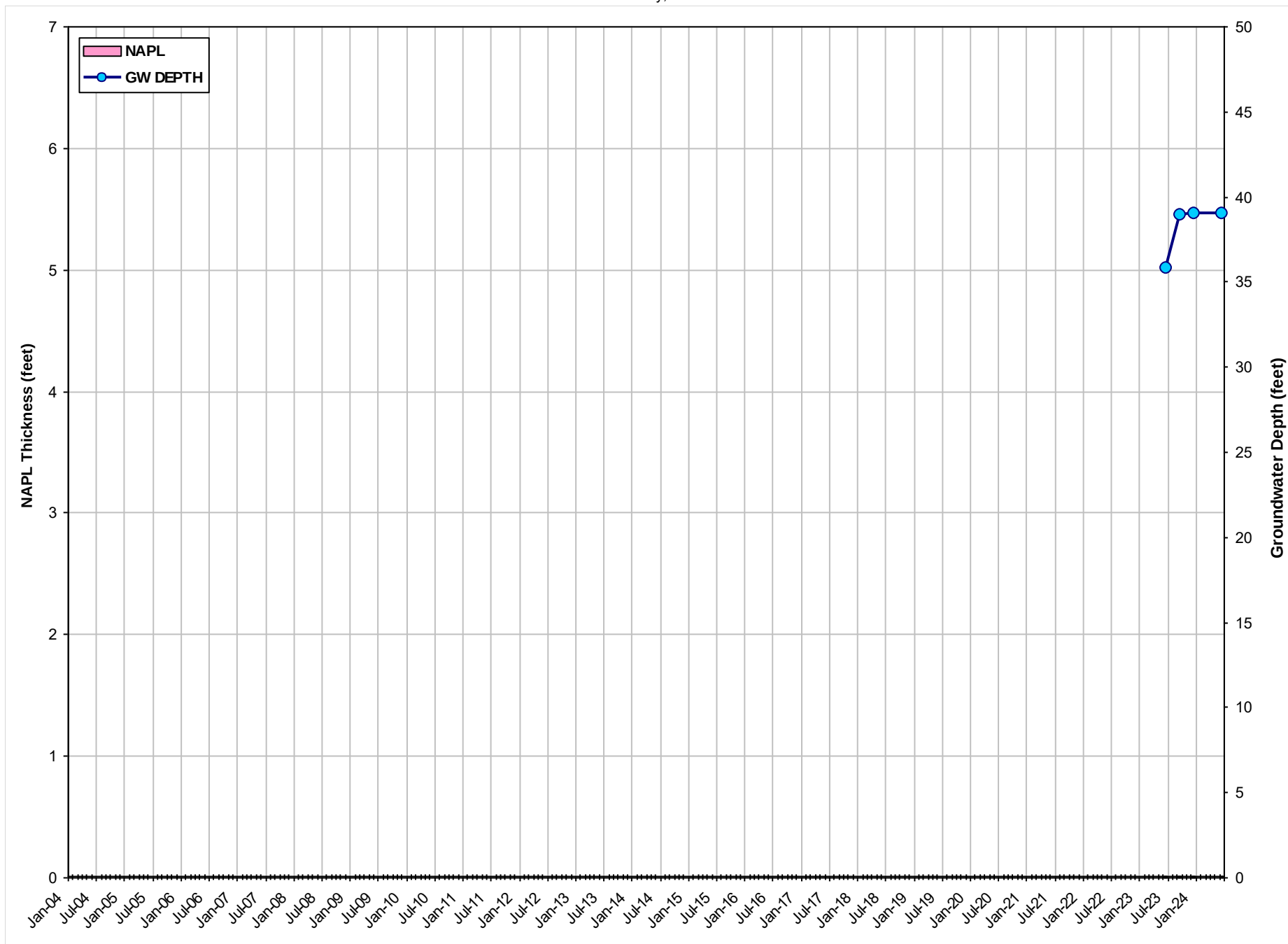
GRAPH 36
NAPL THICKNESS AND GROUNDWATER DEPTH VS. TIME - MW-36
Gladiola Station
Lea County, New Mexico



GRAPH 37
NAPL THICKNESS AND GROUNDWATER DEPTH VS. TIME - MW-37
Gladiola Station
Lea County, New Mexico



GRAPH 38
NAPL THICKNESS AND GROUNDWATER DEPTH VS. TIME - MW-38
Gladiola Station
Lea County, New Mexico



GRAPH 39
NAPL THICKNESS AND GROUNDWATER DEPTH VS. TIME - MW-39
Gladiola Station
Lea County, New Mexico

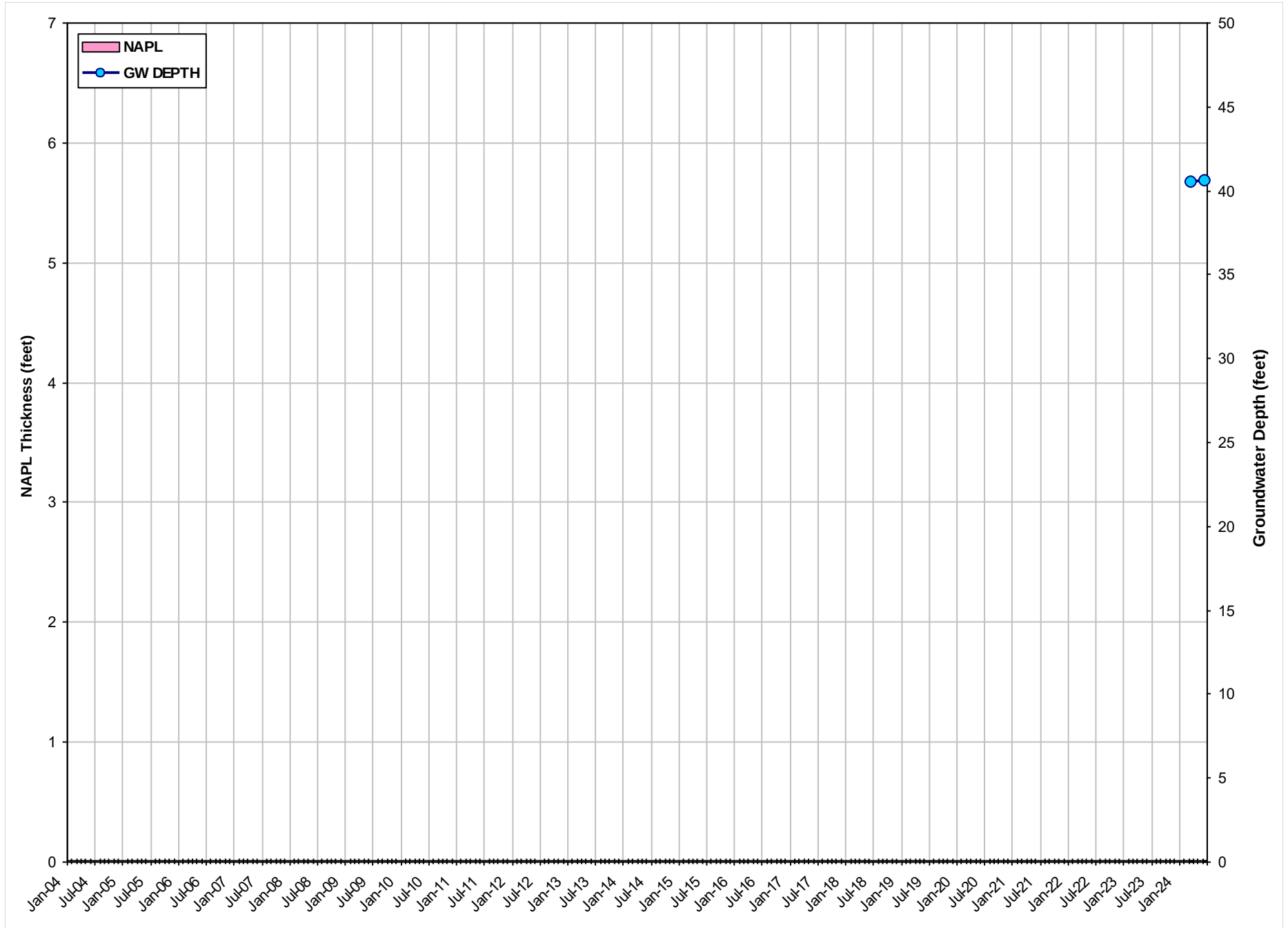


TABLE 1
WATER LEVEL MEASUREMENTS AND GROUNDWATER ANALYSES

Gladiola Station
Lea County, New Mexico

Date	Well Elev (feet)	GW Depth (feet)	GW Elev (feet)	NAPL (feet)	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Xylenes (mg/L)
NMED WQCC HHS					0.005	1	0.7	0.62
Field Point MW-1	Well Screen Interval (feet):		22.71-42.71					
06/02/24	3866.77	38.35	3,828.54	0.14				
Field Point MW-2	Well Screen Interval (feet):		27.59-47.59					
06/02/24	3869.40	41.60	3,827.87	0.08				
Field Point MW-3	Well Screen Interval (feet):		24.20-44.20					
06/04/24	3865.34	36.87	3,828.47	0.00	0.36	<0.0050	0.34	<0.010
Field Point MW-4	Well Screen Interval (feet):		23.97-38.97					
06/02/24	3866.32	37.92	3,828.52	0.14				
Field Point MW-5	Well Screen Interval (feet):		27.19-47.19					
06/01/24	3868.65	40.25	3,828.67	0.32				
Field Point MW-6	Well Screen Interval (feet):		27.05-42.05					
06/04/24	3868.44	40.32	3,828.12	0.00	(g)	(g)	(g)	(g)
Field Point MW-7	Well Screen Interval (feet):		24.35-39.35					
06/02/24	3865.76	Dry						
Field Point MW-9	Well Screen Interval (feet):		27.64-42.64					
06/02/24	3869.90	41.60	3,828.31	0.01				
Field Point MW-10	Well Screen Interval (feet):		28.08-43.08					
06/04/24	3870.47	42.40	3,828.07	0.00	Insufficient water to sample.			
Field Point MW-11	Well Screen Interval (feet):		29.00-44.00					
06/04/24	3869.68	41.83	3,827.85	0.00	<0.0020	<0.0020	<0.0020	<0.0040
Field Point MW-12	Well Screen Interval (feet):		30.00-45.00					
06/01/24	3869.40	41.14	3,828.29	0.04				
Field Point MW-13	Well Screen Interval (feet):		30.00-45.00					
06/01/24	3868.76	40.35	3,828.78	0.45				
Field Point MW-14	Well Screen Interval (feet):		27.00-42.00					
06/01/24	3868.62	39.95	3,828.76	0.11				
Field Point MW-15	Well Screen Interval (feet):		29.00-44.00					
06/01/24	3868.86	40.45	3,828.43	0.02				
Field Point MW-16	Well Screen Interval (feet):		26.50-41.50					
06/02/24	3868.46	40.00	3,828.67	0.25				
Field Point MW-17	Well Screen Interval (feet):		29.50-44.50					
06/04/24	3869.27	41.03	3,828.24	0.00	0.057	<0.0050	0.64	<0.010
Field Point MW-18	Well Screen Interval (feet):		27.00-42.00					
06/02/24	3868.94	40.63	3,828.73	0.50				
Field Point MW-19	Well Screen Interval (feet):		27.00-42.00					
06/01/24	3868.90	40.17	3,828.80	0.08				
Field Point MW-20	Well Screen Interval (feet):		29.50-44.50					
06/01/24	3869.15	40.51	3,828.68	0.05				

TABLE 1
WATER LEVEL MEASUREMENTS AND GROUNDWATER ANALYSES

Gladiola Station
Lea County, New Mexico

Date	Well Elev (feet)	GW Depth (feet)	GW Elev (feet)	NAPL (feet)	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Xylenes (mg/L)
NMED WQCC HHS					0.005	1	0.7	0.62
Field Point MW-21	Well Screen Interval (feet):		29.50-44.50					
06/01/24	3869.07	40.26	3,828.85	0.05				
Field Point MW-22	Well Screen Interval (feet):		30.00-45.00					
06/04/24	3869.86	41.84	3,828.02	0.00	0.00072	<0.00050	<0.00050	<0.0010
Field Point MW-23	Well Screen Interval (feet):		31.00-46.00					
06/01/24	3869.22	40.41	3,828.82	0.01				
Field Point MW-24	Well Screen Interval (feet):		28.00-43.00					
06/01/24	3868.04	40.69	3,828.56	1.46				
Field Point MW-25	Well Screen Interval (feet):		28.00-43.00					
06/02/24	3869.14	40.70	3,828.57	0.16				
Field Point MW-26	Well Screen Interval (feet):		30.00-45.00					
06/01/24	3869.15	41.52	3,827.66	0.04				
Field Point MW-27	Well Screen Interval (feet):		35.00-50.00					
06/04/24	3869.12	40.56	3,828.56	0.00	<0.00050	<0.00050	<0.00050	<0.0010
Field Point MW-28	Well Screen Interval (feet):		35.00-50.00					
06/04/24	3869.32	40.58	3,828.74	0.00	<0.00050	<0.00050	<0.00050	<0.0010
Field Point MW-29	Well Screen Interval (feet):		35.00-50.00					
06/04/24	3869.36	40.45	3,828.91	0.00	<0.00050	<0.00050	<0.00050	<0.0010
Field Point MW-30	Well Screen Interval (feet):		35.00-50.00					
06/03/24	3869.10	40.09	3,829.01	0.00	<0.00050	<0.00050	<0.00050	<0.0010
Field Point MW-31	Well Screen Interval (feet):		35.00-50.00					
06/03/24	3869.05	40.86	3,828.19	0.00	<0.00050	<0.00050	<0.00050	<0.0010
Field Point MW-32	Well Screen Interval (feet):		35.00-50.00					
06/03/24	3870.19	42.19	3,828.00	0.00	0.00055	<0.00050	<0.00050	<0.0010
Field Point MW-33	Well Screen Interval (feet):		33.00-53.00					
06/03/24	3869.17	41.19	3,827.98	0.00	<0.00050	<0.00050	<0.00050	<0.0010
Field Point MW-34	Well Screen Interval (feet):		33.00-53.00					
06/03/24	3869.35	41.44	3,827.91	0.00	<0.00050	<0.00050	<0.00050	<0.0010
Field Point MW-35	Well Screen Interval (feet):		33.00-53.00					
06/03/24	3869.00	41.46	3,827.54	0.00	<0.00050	<0.00050	<0.00050	<0.0010
Field Point MW-36	Well Screen Interval (feet):		33.00-53.00					
06/03/24	3869.23	40.98	3,828.25	0.00	<0.00050	<0.00050	<0.00050	<0.0010
Field Point MW-37	Well Screen Interval (feet):		33.00-53.00					
06/03/24	3867.91	39.20	3,828.71	0.00	<0.00050	<0.00050	<0.00050	<0.0010
Field Point MW-38	Well Screen Interval (feet):		33.00-53.00					
06/03/24	3867.70	39.10	3,828.60	0.00	<0.00050	<0.00050	<0.00050	<0.0010
Field Point MW-39	Well Screen Interval (feet):		28.00-50.00					
03/28/24	3868.69	40.56	3,828.13	0.00	(g)	(g)	(g)	(g)
06/03/24	3868.69	40.60	3,828.09	0.00	<0.00050	<0.00050	<0.00050	<0.0010

TABLE 1
WATER LEVEL MEASUREMENTS AND GROUNDWATER ANALYSES

Gladiola Station
 Lea County, New Mexico

Notes:

Bolded values equal or exceed applicable regulatory limits.

Total naphthalene is the sum of 1-methylnaphthalene, 2-methylnaphthalene, and naphthalene.

ELEV = Elevation. Elevations are adjusted for NAPL thickness using a relative density of 0.83.

GW = Groundwater.

NAPL = Non-aqueous phase liquid.

NMED WQCC = New Mexico Environmental Department Water Quality Control Commission.

DWS = Other Standards for Domestic Water Supply with 10,000 mg/l TDS or less (20.6.2.3103 NMAC).

HHS = Human Health Standard for groundwater with 10,000 mg/l TDS or less (20.6.2.3103 NMAC).

IU = Irrigation Use Standard for groundwater with 10,000 mg/l TDS or less (20.6.2.3103 NMAC).

TDS = Total dissolved solids.

mg/L = Milligrams per liter.

BDL = Below laboratory detection limits.

< = Not detected at or above stated laboratory reporting limit.

A-01 = Could not obtain constant weight.

B = Analyte reported in associated method or trip blank.

D = Duplicate.

H = Analyzed outside the recommended hold time.

J = Estimated value between method detection limit and practical quantitation limit.

R1 = The relative percent difference between the primary and confirmatory analysis exceeded 40%; the higher value was reported.

R10 = The relative percent difference between the primary and confirmatory analysis exceeded 40%; the lower value was reported due to apparent chromatographic problems.

R12 = The relative percent difference between the primary and confirmatory analysis exceeded 40%; the lower value was reported.

X = Pre-purge/no-purge sample.

(a) = Analyzed by EPA Method 8310.

(b) = Analyzed by EPA Method 8260B.

(c) = Analyzed method unknown.

(d) = Analyzed to determine the presence of NAPL.

(e) = Insufficient water to purge.

(f) = DTW measured in the field indicates less than 6 inches of water in the well, which is not representative of the actual groundwater table. Groundwater elevation not calculated, data not used to compile groundwater elevation map.

(g) = Insufficient containers for analysis.

TABLE 2 GROUNDWATER ANALYTICAL RESULTS FOR PAHs Gladiola Station Lea County, New Mexico																			
Date	Acenaphthene (mg/L)	Acenaphthylene (mg/L)	Anthracene (mg/L)	Benzo(a)anthracene (mg/L)	Benzo(a)pyrene (mg/L)	Benzo(b)fluoranthene (mg/L)	Benzo(g,h,i)perylene (mg/L)	Benzo(k)fluoranthene (mg/L)	Chrysene (mg/L)	Dibenz(a,h)anthracene (mg/L)	Fluoranthene (mg/L)	Fluorene (mg/L)	Indeno(1,2,3-cd)pyrene (mg/L)	Phenanthrene (mg/L)	Pyrene (mg/L)	Naphthalene (mg/L)	1-Methylnaphthalene (mg/L)	2-Methylnaphthalene (mg/L)	Total Naphthalene (mg/L)
NMED WQCC HHS	NA	NA	NA	NA	0.0007	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.03
Field Point MW-3 06/04/24	Well Screen Interval (feet): 24.20-44.20			<0.00021	<0.00021	<0.00021	<0.00021	<0.00021	<0.00021	<0.00021	<0.00021	0.00069	<0.00021	0.00038	<0.00021	0.034	0.017	0.019	0.070
Field Point MW-6 06/04/24	Well Screen Interval (feet): 27.05-42.05			<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	0.0038	<0.00019	<0.00019	0.0033	<0.00019	0.0057	0.0012	0.00079	0.0015	0.0013	0.00359
Field Point MW-11 06/04/24	Well Screen Interval (feet): 29.00-44.00			<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020
Field Point MW-17 06/04/24	Well Screen Interval (feet): 29.50-44.50			<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	0.00071	<0.00020	0.00059	<0.00020	0.043	0.018	0.019	0.467
Field Point MW-22 06/04/24	Well Screen Interval (feet): 30.00-45.00			<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020
Field Point MW-27 06/04/24	Well Screen Interval (feet): 35.00-50.00			<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020
Field Point MW-28 06/04/24	Well Screen Interval (feet): 35.00-50.00			<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019
Field Point MW-29 06/04/24	Well Screen Interval (feet): 35.00-50.00			<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019
Field Point MW-30 06/03/24	Well Screen Interval (feet): 35.00-50.00			<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019
Field Point MW-31 06/03/24	Well Screen Interval (feet): 35.00-50.00			<0.00021	<0.00021	<0.00021	<0.00021	<0.00021	<0.00021	<0.00021	<0.00021	<0.00021	<0.00021	<0.00021	<0.00021	<0.00021	<0.00021	<0.00021	<0.00021
Field Point MW-32 06/03/24	Well Screen Interval (feet): 35.00-50.00			<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	0.00036	<0.00020	<0.00020	<0.00020	<0.00020	0.000078 J	<0.00020	0.000078 J
Field Point MW-33 06/03/24	Well Screen Interval (feet): 33.00-53.00			<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020
Field Point MW-34 06/03/24	Well Screen Interval (feet): 33.00-53.00			<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019
Field Point MW-35 06/03/24	Well Screen Interval (feet): 33.00-53.00			<0.00021	<0.00021	<0.00021	<0.00021	<0.00021	<0.00021	<0.00021	<0.00021	<0.00021	<0.00021	<0.00021	<0.00021	<0.00021	<0.00021	<0.00021	<0.00021
Field Point MW-36 06/03/24	Well Screen Interval (feet): 33.00-53.00			<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019
Field Point MW-37 06/03/24	Well Screen Interval (feet): 33.00-53.00			<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019
Field Point MW-38 06/03/24	Well Screen Interval (feet): 33.00-53.00			<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020
Field Point MW-39 03/28/24	Well Screen Interval (feet): 28.00-50.00			<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019
06/03/24	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020

TABLE 2
GROUNDWATER ANALYTICAL RESULTS FOR PAHs
Gladiola Station
Lea County, New Mexico

Notes:
Bolded values equal or exceed applicable regulatory limits.
Total naphthalene is the sum of 1-methylnaphthalene, 2-methylnaphthalene, and naphthalene.
ELEV = Elevation. Elevations are adjusted for NAPL thickness using a relative density of 0.83.
GW = Groundwater.
NAPL = Non-aqueous phase liquid.
NMED WQCC = New Mexico Environmental Department Water Quality Control Commission.
DWS = Other Standards for Domestic Water Supply with 10,000 mg/l TDS or less (20.6.2.3103 NMAC).
HHS = Human Health Standard for groundwater with 10,000 mg/l TDS or less (20.6.2.3103 NMAC).
IU = Irrigation Use Standard for groundwater with 10,000 mg/l TDS or less (20.6.2.3103 NMAC).
TDS = Total dissolved solids.
mg/L = Milligrams per liter.
BDL = Below laboratory detection limits.
< = Not detected at or above stated laboratory reporting limit.
A-01 = Could not obtain constant weight.
B = Analyte reported in associated method or trip blank.
D = Duplicate.
H = Analyzed outside the recommended hold time.
J = Estimated value between method detection limit and practical quantitation limit.
R1 = The relative percent difference between the primary and confirmatory analysis exceeded 40%; the higher value was reported.
R10 = The relative percent difference between the primary and confirmatory analysis exceeded 40%; the lower value was reported due to apparent chromatographic problems.
R12 = The relative percent difference between the primary and confirmatory analysis exceeded 40%; the lower value was reported.
X = Pre-purge/no-purge sample.
(a) = Analyzed by EPA Method 8310.
(b) = Analyzed by EPA Method 8260B.
(c) = Analyzed method unknown.
(d) = Analyzed to determine the presense of NAPL.
(e) = Insufficient water to purge.
(f) = DTW measured in the field indicates less than 6 inches of water in the well, which is not representative of the actual groundwater table. Groundwater elevation not calculated, data not used to compile groundwater elevation map.
(g) = Insufficient containers for analysis.

TABLE 3 GROUNDWATER ANALYTICAL RESULTS FOR METALS AND ADDITIONAL PARAMETERS Gladiola Station Lea County, New Mexico																												
Date	Antimony (mg/L)	Arsenic (mg/L)	Barium (mg/L)	Beryllium (mg/L)	Cadmium (mg/L)	Chromium (mg/L)	Cobalt (mg/L)	Copper (mg/L)	Lead (mg/L)	Mercury (mg/L)	Molybdenum (mg/L)	Nickel (mg/L)	Selenium (mg/L)	Silver (mg/L)	Thallium (mg/L)	Vanadium (mg/L)	Zinc (mg/L)	Alkalinity (mg/L)	Bicarbonate (mg/L)	Bromide (mg/L)	Calcium (mg/L)	Chloride (mg/L)	Magnesium (mg/L)	Potassium (mg/L)	Sodium (mg/L)	Sulfate (mg/L)	TDS (mg/L)	
NMED WQCC HHS	0.006	0.01	2	0.004	0.005	0.015	---	---	0.05	0.002	---	---	0.05	0.05	0.002	---	---	---	---	---	---	---	---	---	---	---	---	---
NMED WQCC DWS	---	---	---	---	---	---	---	1.0	---	---	---	---	---	---	---	---	10.0	---	---	---	---	---	250.0	---	---	---	600.0	1000.0
NMED WQCC IU	---	---	---	---	---	---	0.05	---	---	---	1.0	0.2	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
Field Point MW-3 06/04/24	Well Screen Interval (feet): 24.20-44.20				<0.0100	0.00320 J			<0.0500	<0.000200			<0.0500	<0.0100				1210	1210	0.95	59.2	17.3	305	1.60 B	47.7 B	0.95 J	1310	
Field Point MW-6 06/04/24	Well Screen Interval (feet): 27.05-42.05				<0.0100	0.00790 J			0.0103 J	0.000134 J			<0.0500	<0.0100				506	506	(g)	(g)	0.906 J	(g)	(g)	(g)	(g)	591	
Field Point MW-11 06/04/24	Well Screen Interval (feet): 29.00-44.00				<0.0100	0.0136 J			<0.0500	<0.000200			<0.0500	<0.0100				434	434	1.2	105	104	45.1	3.47	143 B	91	886	
Field Point MW-17 06/04/24	Well Screen Interval (feet): 29.50-44.50				<0.0100	<0.0500			<0.0500	0.000156 J			<0.0500	<0.0100				949	949	0.48	51.4	4.53	215	1.26	30.6 B	0.24 J	949	
Field Point MW-22 06/04/24	Well Screen Interval (feet): 30.00-45.00				<0.0100	0.0350 J			0.00620 J	0.000161 J			<0.0500	<0.0100				283	283	0.37	868	28.6	28.8	2.78	105 B	150	662	
Field Point MW-27 06/04/24	Well Screen Interval (feet): 35.00-50.00				<0.100	0.0436			<0.0500	<0.000200			<0.0500	<0.0100				186	186	0.85	134	297	27.7	2.98	125 B	140	1030	
Field Point MW-28 06/04/24	Well Screen Interval (feet): 35.00-50.00				<0.100	0.0443			<0.0500	<0.000200			0.0170 J	<0.0100				158	158	0.78	150	174	36.8	3.29	146 B	370	1170	
Field Point MW-29 06/04/24	Well Screen Interval (feet): 35.00-50.00				<0.100	0.0441			<0.0500	<0.000200			<0.0500	<0.0100				175	175	0.47	99.5	194	24.5	2.69	109 B	100	789	
Field Point MW-30 06/03/24	Well Screen Interval (feet): 35.00-50.00				<0.100	0.0557			<0.0500	<0.000200			<0.0500	<0.0100				167	167	0.52	118	204	26.0	2.87	96.7 B	99	795	
Field Point MW-31 06/03/24	Well Screen Interval (feet): 35.00-50.00				<0.100	0.134			<0.0500	<0.000200			<0.0500	<0.0100				287	287	0.71	119	107	40.1	2.89	76.9 B	130	729	
Field Point MW-32 06/03/24	Well Screen Interval (feet): 35.00-50.00				<0.0100	0.0209 J			<0.0500	<0.000200			<0.0500	<0.0100				478	478	0.68	98.7	32.7	42.6	2.76	84.4 B	29	638	
Field Point MW-33 06/03/24	Well Screen Interval (feet): 33.00-53.00				<0.100	0.157			<0.0500	<0.000200			<0.0500	<0.0100				220	220	1.2	167	274	44.6	3.50	141 B	220	1090	
Field Point MW-34 06/03/24	Well Screen Interval (feet): 33.00-53.00				<0.0100	0.0468 J			0.00870 J	<0.000200			<0.0500	<0.0100				255	255	0.53	179	92.6	35.9	3.98	95.0 B	97	668	
Field Point MW-35 06/03/24	Well Screen Interval (feet): 33.00-53.00				<0.100	0.119			<0.0500	<0.000200			<0.0500	<0.0100				192	192	0.74	142	241	35.2	3.52	151 B	210	981	
Field Point MW-36 06/03/24	Well Screen Interval (feet): 33.00-53.00				<0.100	0.0496			<0.0500	<0.000200			<0.0500	<0.0100				162	162	0.73	129	275	37.2	3.05	128 B	140	932	
Field Point MW-37 06/03/24	Well Screen Interval (feet): 33.00-53.00				<0.100	0.0962			0.00570 J	<0.000200			<0.0500	<0.0100				164	164	0.57	121	184	29.7	3.03	88.0 B	93	742	
Field Point MW-38 06/03/24	Well Screen Interval (feet): 33.00-53.00				<0.100	0.258			0.00600 J	<0.000200			<0.0500	<0.0100				158	158	0.85	164	379	37.2	3.53	137 B	87	1110	
Field Point MW-39 03/28/24	Well Screen Interval (feet): 28.00-50.00				<0.100	0.0244 J	0.797	<0.0100	<0.0100	0.0510	0.0761	0.0303 J	0.0157 J	0.000155 J	0.0118 J	0.0232 J	<0.0500	<0.0100	<0.0500	0.179	0.0663 J	138	(g)	0.50	(g)	110	(g)	711
06/03/24		<0.100	0.0472		<0.0100	0.00330 J			<0.0500	<0.000200			<0.0500	<0.0100				147	147	0.45	91.5	129	24.8	2.54	58.2 B	130	660	

TABLE 3
GROUNDWATER ANALYTICAL RESULTS FOR METALS AND ADDITIONAL PARAMETERS
Gladiola Station
Lea County, New Mexico

Notes:
Bolded values equal or exceed applicable regulatory limits.
Total naphthalene is the sum of 1-methylnaphthalene, 2-methylnaphthalene, and naphthalene.
ELEV = Elevation. Elevations are adjusted for NAPL thickness using a relative density of 0.83.
GW = Groundwater.
NAPL = Non-aqueous phase liquid.
NMED WQCC = New Mexico Environmental Department Water Quality Control Commission.
DWS = Other Standards for Domestic Water Supply with 10,000 mg/l TDS or less (20.6.2.3103 NMAC).
HHS = Human Health Standard for groundwater with 10,000 mg/l TDS or less (20.6.2.3103 NMAC).
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TDS = Total dissolved solids.
mg/L = Milligrams per liter.
BDL = Below laboratory detection limits.
< = Not detected at or above stated laboratory reporting limit.
A-01 = Could not obtain constant weight.
B = Analyte reported in associated method or trip blank.
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J = Estimated value between method detection limit and practical quantitation limit.
R1 = The relative percent difference between the primary and confirmatory analysis exceeded 40%; the higher value was reported.
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X = Pre-purge/no-purge sample.
(a) = Analyzed by EPA Method 8310.
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(d) = Analyzed to determine the presense of NAPL.
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(g) = Insufficient containers for analysis.

TABLE 4
CUMULATIVE WATER LEVEL MEASUREMENTS AND GROUNDWATER ANALYSES

Gladiola Station
 Lea County, New Mexico

Date	Well Elev (feet)	GW Depth (feet)	GW Elev (feet)	NAPL (feet)	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Xylenes (mg/L)
NMED WQCC HHS					0.005	1	0.7	0.62
Field Point MW-1	Well Screen Interval (feet): 22.71-42.71							
05/17/04	3863.81	32.74	3831.07	0.00				
11/30/04	3863.81	30.83	3835.00	2.43				
05/05/05	3863.81	29.20	3835.25	0.77				
07/24/06	3863.81	28.71	3835.58	0.58	1.6	0.236	0.181	0.815
02/08/07	3863.81	28.92	3835.27	0.46	1.1	0.106	0.362	1.46
04/15/08	3863.81	29.45	3834.68	0.39				
09/21/08	3863.81							
09/26/08	3863.81	29.58	3834.51	0.34	1.03	0.00434	0.551	1.63
02/15/09	3863.81	30.50	3833.60	0.35				
05/19/09	3863.81	30.85	3833.32	0.43	1.12	0.00132	0.563	1.22
08/19/09	3865.14	31.75	3833.68	0.35	1.06	0.227	0.67	1.51
10/30/09	3865.14	31.73	3833.64	0.28	1.01	0.00225	0.774	1.63
10/12/11	3865.14	34.60	3831.00	0.55				
02/22/12	3865.14	34.85	3830.66	0.45				
07/17/12	3866.63	35.26	3831.77	0.48				
10/03/12	3866.63	35.42	3831.58	0.45				
05/14/13	3866.63	35.83	3831.12	0.39				
01/27/14	3866.63	36.83	3830.57	0.93				
06/17/14	3866.63	36.92	3830.19	0.58				
11/18/14	3866.63	36.94	3830.19	0.60				
12/07/15	3866.63	36.87	3830.11	0.42				
04/26/16	3866.63	37.20	3829.73	0.36				
10/24/16	3866.63	36.64	3830.17	0.22				
05/22/17	3866.63	37.41	3829.56	0.41				
11/28/17	3866.63	37.18	3829.67	0.27				
07/17/18	3866.77	37.52	3829.57	0.38				
03/04/19	3866.77	37.82	3829.32	0.44				
10/01/19	3866.77	37.82	3829.25	0.36				
06/23/20	3866.77	37.89	3829.19	0.37				
12/14/20	3866.77	38.20	3828.60	0.04				
06/29/21	3866.77	37.92	3828.97	0.14				
12/20/21	3866.77	37.86	3829.01	0.12				
05/24/22	3866.77	37.89	3828.89	0.01				
12/28/22	3866.77	38.12	3828.74	0.11				
06/13/23	3866.77	38.21	3828.64	0.10				
09/08/23	3866.77	38.25	3828.62	0.12				
12/05/23	3866.77	38.36	3828.55	0.16				
06/02/24	3866.77	38.35	3,828.54	0.14				
Field Point MW-2	Well Screen Interval (feet): 27.59-47.59							
05/17/04	3867.89	37.04	3830.85	0.00				
11/30/04	3867.89	35.61	3833.88	1.93				
05/05/05	3867.89	33.36	3834.90	0.45				
07/25/06	3867.89	33.14	3834.95	0.24	0.00492	0.0142	0.142	0.166
02/08/07	3867.89	33.07	3834.92	0.12	0.0550	0.0111	0.0726	0.105
04/15/08	3867.89	38.81	3834.43	6.44				
09/22/08	3867.89							
09/26/08	3867.89	38.97	3833.94	6.05	2.57	2.66	0.504	1.210

TABLE 4
CUMULATIVE WATER LEVEL MEASUREMENTS AND GROUNDWATER ANALYSES

Gladiola Station
 Lea County, New Mexico

Date	Well Elev (feet)	GW Depth (feet)	GW Elev (feet)	NAPL (feet)	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Xylenes (mg/L)
NMED WQCC HHS					0.005	1	0.7	0.62
Field Point MW-2	Well Screen Interval (feet): 27.59-47.59							
02/15/09	3867.89	38.95	3833.45	5.43				
05/19/09	3867.89	38.63	3833.09	4.62	Not sampled - NAPL entered bailer during each attempt.			
08/19/09	3867.89	39.00	3832.92	4.85	2.70	2.44	0.495	1.110
10/30/09	3867.89	38.98	3832.87	4.77	3.25	<0.00100	0.381	0.675
10/12/11	3867.89	39.46	3830.82	2.88				
02/22/12	3867.89	39.73	3830.48	2.80				
07/17/12	3869.40	40.19	3831.64	2.93				
10/03/12	3869.40	40.29	3831.45	2.82				
05/14/13	3869.40	40.72	3830.96	2.75				
01/27/14	3869.40	40.11	3830.39	1.33				
06/17/14 - 10/01/19	3869.40				Inaccessible - Stick-up well casing damaged.			
06/23/20	3869.40	Dry		0.00	Well filled with silt up to the groundwater level.			
12/14/20	3869.40	Dry						
06/29/21	3869.40	Dry						
12/20/21	3869.40	41.18	3828.28	0.07				
05/24/22	3869.40	41.38	3828.16	0.17				
12/28/22	3869.40	41.48	3828.06	0.17				
06/13/23	3869.40	47.10	3822.38	0.10				
09/08/23	3869.40	41.47	3827.94	0.01				
12/07/23	3869.40	41.50	3827.92	0.03				
06/02/24	3869.40	41.60	3,827.87	0.08				
Field Point MW-3	Well Screen Interval (feet): 24.20-44.20							
05/17/04	3863.72	32.79	3830.93	0.00				
11/30/04	3863.72	30.08	3834.01	0.44				
05/05/05	3863.72	28.90	3835.02	0.24				
07/24/06	3863.72	28.87	3835.06	0.25	0.0452	0.00715	0.0974	0.015
02/08/07	3863.72	28.79	3835.02	0.11	0.586	0.00522	0.114	0.360
04/15/08	3863.72	29.42	3834.48	0.22				
09/22/08	3863.72							
09/26/08	3863.72	29.99	3833.90	0.20	1.55	<0.00100	0.133	0.310
02/15/09	3863.72	29.90	3833.94	0.15				
05/19/09	3863.72	30.82	3833.14	0.29	1.2	<0.00100	0.116	0.206
08/19/09	3863.72	31.15	3832.86	0.35	2.05	<0.00100	0.174	0.317
10/30/09	3863.72	31.16	3832.83	0.33	1.96	<0.00100	0.166	0.320
10/12/11	3863.72	33.10	3830.94	0.38				
02/22/12	3863.72	33.30	3830.58	0.19				
07/17/12	3865.25	33.80	3831.71	0.31				
10/03/12	3865.25	33.94	3831.51	0.24				
05/14/13	3865.25	34.31	3831.04	0.12				
01/27/14	3865.25	35.04	3830.47	0.31				
06/17/14	3865.25	35.33	3830.13	0.25				
11/18/14	3865.25	35.34	3830.02	0.13				
12/07/15	3865.25	35.39	3829.93	0.09				
04/26/16	3865.25	35.69	3829.71	0.18				
10/24/16	3865.25	35.42	3829.93	0.12				
05/22/17	3865.25	35.80	3829.52	0.09				
11/28/17	3865.25	35.70	3829.57	0.02	Insufficient water to sample.			

TABLE 4
CUMULATIVE WATER LEVEL MEASUREMENTS AND GROUNDWATER ANALYSES

Gladiola Station
 Lea County, New Mexico

Date	Well Elev (feet)	GW Depth (feet)	GW Elev (feet)	NAPL (feet)	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Xylenes (mg/L)
NMED WQCC HHS					0.005	1	0.7	0.62
Field Point MW-3	Well Screen Interval (feet): 24.20-44.20							
07/17/18	3865.34	35.80	3829.54	0.00				
03/04/19	3865.34	36.13	3829.21	0.00				
10/01/19	3865.34	36.11	3829.23	0.00				
06/23/20	3865.34	36.16	3829.18	0.00	Insufficient water to sample.			
12/14/20	3865.34	36.38	3828.96	0.00				
12/16/20	3865.34				0.55	<0.0040	0.43	<0.0080
06/29/21	3865.34	36.48	3828.86	0.00				
07/01/21	3865.34				0.54	<0.0050	0.46	<0.010
12/20/21	3865.34	36.42	3828.92	0.00				
12/22/21	3865.34				0.66	<0.0050	0.54	<0.010
05/26/22	3865.34	36.81	3828.53	0.00	0.51	<0.0050	0.48	<0.010
12/28/22	3865.34	36.76	3828.58	0.00				
12/30/22	3865.34				0.45	<0.0050	0.43	<0.010
06/20/23	3865.34	38.85	3826.49	0.00				
06/21/23	3865.34				0.48	<0.0050	0.41	<0.010
06/21/23 D	3865.34				0.49	<0.0050	0.42	<0.010
09/08/23	3865.34				Well not gauged or sampled.			
12/07/23	3865.34	36.92	3828.42	0.00	0.35	<0.0050	0.34	<0.010
06/04/24	3865.34	36.87	3,828.47	0.00	0.36	<0.0050	0.34	<0.010
Field Point MW-4	Well Screen Interval (feet): 23.97-38.97							
07/25/06	3864.66	29.57	3835.09	0.00	3.14	0.0387	0.153	0.318
02/07/07	3864.66	29.66	3835.00	0.00	2.78	0.0239	0.215	0.451
04/15/08	3864.66	30.21	3834.45	0.00	3.39	0.0151	0.337	0.662
09/21/08	3864.66							
09/26/08	3864.66	30.75	3833.93	0.02	2.95	0.0276	0.328	0.688
02/15/09	3864.66	31.09	3833.58	0.01				
05/19/09	3864.66	31.73	3833.10	0.20	1.93	0.00189	0.170	0.546
08/19/09	3864.66	31.82	3832.98	0.17	2.89	<0.00100	0.336	0.600
10/30/09	3864.66	31.80	3832.96	0.12	2.92	0.0011	0.347	0.619
10/12/11	3864.66	34.09	3830.91	0.41				
02/22/12	3864.66	34.58	3830.54	0.56				
07/17/12	3866.18	35.21	3831.78	0.97				
10/03/12	3866.18	36.07	3831.51	1.69				
05/14/13	3866.18	35.53	3831.22	0.69				
01/27/14	3866.18	36.77	3830.47	1.28				
06/17/14	3866.18	36.76	3830.12	0.84				
11/18/14	3866.18	36.79	3830.04	0.78				
12/07/15	3866.18	36.71	3829.99	0.63				
04/26/16	3866.18	36.78	3829.72	0.38				
10/24/16	3866.18	36.60	3829.89	0.37				
05/22/17	3866.18	37.15	3829.53	0.60				
11/28/17	3866.18	37.03	3829.59	0.53				
07/17/18	3866.32	37.22	3829.38	0.34				
03/04/19	3866.32	37.53	3829.30	0.62				
10/01/19	3866.32	37.61	3829.21	0.60				
06/23/20	3866.32	37.62	3829.18	0.58				
12/14/20	3866.32	37.80	3828.96	0.53				

TABLE 4
CUMULATIVE WATER LEVEL MEASUREMENTS AND GROUNDWATER ANALYSES

Gladiola Station
 Lea County, New Mexico

Date	Well Elev (feet)	GW Depth (feet)	GW Elev (feet)	NAPL (feet)	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Xylenes (mg/L)
NMED WQCC HHS					0.005	1	0.7	0.62
Field Point MW-4	Well Screen Interval (feet): 23.97-38.97							
06/29/21	3866.32	37.65	3828.94	0.33				
12/20/21	3866.32	37.59	3828.96	0.28				
05/24/22	3866.32	37.65	3828.84	0.21				
12/28/22	3866.32	37.97	3828.47	0.14				
06/20/23	3866.32	38.10	3828.31	0.11				
09/08/23	3866.32	37.95	3828.58	0.25				
12/07/23	3866.32	37.90	3828.59	0.20				
06/02/24	3866.32	37.92	3,828.52	0.14				
Field Point MW-5	Well Screen Interval (feet): 27.19-47.19							
07/20/06	3866.99	31.82	3835.17	0.00	6.93	0.374	0.567	1.14
02/07/07	3866.99	31.93	3835.06	0.00	6.91	0.297	0.905	1.74
04/15/08	3866.99	32.45	3834.54	0.00	5.44	0.0686	0.763	1.33
09/21/08	3866.99							
09/26/08	3866.99	33.07	3833.92	0.00	6.17	0.0979	0.736	1.220
02/06/09	3866.99	33.54	3833.45	0.00	5.61	0.0514	0.849	1.410
02/06/09 D	3866.99	33.54	3833.45	0.00	5.26	0.0438	0.835	1.320
05/19/09	3866.99	33.83	3833.16	0.00	5.08	0.0436	0.681	1.180
08/19/09	3866.99	34.15	3832.84	0.00	4.68	0.0567	0.726	0.932
08/19/09 D	3866.99	34.15	3832.84	0.00	4.79	0.0732	0.709	1.100
10/30/09	3866.99	34.35	3832.64	0.00	5.01	0.0933	0.713	1.25
10/12/11	3866.99	36.02	3830.97	0.00	3.5	0.00678	0.521	0.431
10/12/11 D	3866.99	36.02	3830.97	0.00	3.47	0.00666	0.52	0.407
02/22/12	3866.99	36.85	3830.14	0.00	3.75	0.00125	0.54	0.626
02/22/12 D	3866.99	36.85	3830.14	0.00	3.65	<0.00100	0.516	0.593
07/17/12	3868.54	36.70	3831.84	0.00	2.68	<0.00100	0.419	0.262
07/17/12 D	3868.54	36.70	3831.84	0.00	2.62	<0.00100	0.39	0.251
10/03/12	3868.54	37.54	3831.00	0.00	2.91	<0.00100	0.49	0.667
10/03/12 D	3868.54	37.54	3831.00	0.00	2.97	<0.00100	0.501	0.683
05/15/13	3868.54	37.47	3831.05	0.10				
01/28/14	3868.54	38.90	3830.47	1.00				
06/18/14	3868.54	39.13	3830.17	0.91				
11/18/14	3868.54	40.01	3829.95	1.71				
12/07/15	3868.54	41.09	3829.92	2.98				
04/26/16	3868.54	39.48	3829.76	0.84				
10/24/16	3868.54	39.59	3829.80	1.02				
05/22/17	3868.54	39.80	3829.66	1.11				
11/28/17	3868.54	40.06	3829.52	1.25				
07/17/18	3868.65	40.03	3829.62	1.21				
03/04/19	3868.65	40.33	3829.38	1.28				
10/01/19	3868.65	39.14	3830.32	0.97				
06/23/20	3868.65	40.20	3829.28	1.00				
12/14/20	3868.65	39.97	3829.11	0.52				
06/29/21	3868.65	40.00	3828.99	0.41				
12/20/21	3868.65	39.99	3829.08	0.50				
05/24/22	3868.65	39.98	3828.98	0.37				
12/28/22	3868.65	40.11	3828.86	0.39				
06/13/23	3868.65	40.12	3828.79	0.31				

TABLE 4
CUMULATIVE WATER LEVEL MEASUREMENTS AND GROUNDWATER ANALYSES

Gladiola Station
 Lea County, New Mexico

Date	Well Elev (feet)	GW Depth (feet)	GW Elev (feet)	NAPL (feet)	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Xylenes (mg/L)
NMED WQCC HHS					0.005	1	0.7	0.62
Field Point MW-5	Well Screen Interval (feet): 27.19-47.19							
09/08/23	3868.65				Well not gauged or sampled.			
12/05/23	3868.65	39.9	3828.89	0.17				
06/01/24	3868.65	40.25	3,828.67	0.32				
Field Point MW-6	Well Screen Interval (feet): 27.05-42.05							
07/21/06	3867.00	31.84	3835.16	0.00	0.034	0.001	0.001	0.0531
02/07/07	3867.00	31.93	3835.07	0.00	0.00667	<0.00100	<0.00100	0.0245
04/15/08	3867.00	32.51	3834.49	0.00	1.34	<0.00100	<0.00100	<0.00300
09/21/08	3867.00							
09/26/08	3867.00	33.08	3833.92	0.00	0.00261	<0.00100	<0.00100	<0.00300
02/06/09	3867.00	33.51	3833.49	0.00	0.00143	<0.00100	<0.00100	<0.00300
05/18/09	3867.00	33.87	3833.13	0.00	0.00184	<0.00100	<0.00100	<0.00300
08/19/09	3867.00	34.15	3832.85	0.00	<0.00100	<0.00100	<0.00100	<0.00300
10/30/09	3867.00	34.35	3832.65	0.00	<0.00100	<0.00100	<0.00100	<0.00300
11/19/09	3867.00	34.42	3832.58	0.00				
10/13/11	3867.00	36.14	3830.86	0.00				
02/22/12	3867.00	38.65	3828.35	0.00	<0.00100	<0.00100	<0.00100	<0.00300
07/17/12	3868.52	36.78	3831.74	0.00	<0.00100	<0.00100	<0.00100	<0.00300
10/03/12	3868.52	37.40	3831.12	0.00	<0.00100	<0.00100	<0.00100	<0.00300
05/15/13	3868.52	37.49	3831.03	0.00	0.000202 J	<0.00017	<0.00019	<0.00018
01/28/14	3868.52	38.07	3830.45	0.00	<0.0002	<0.00017	<0.00019	<0.00058
06/18/14	3868.52	38.38	3830.14	0.00	<0.0002	<0.00017	<0.00019	<0.00038
11/19/14	3868.52	38.54	3829.98	0.00	<0.00100	<0.00100	<0.00100	<0.002
12/08/15	3868.52	38.60	3829.92	0.00	<0.00100	<0.00100	<0.00100	<0.00300
04/26/16	3868.52	38.91	3829.61	0.00	<0.00100	<0.00100	<0.00100	<0.00300
10/24/16	3868.52	38.79	3829.73	0.00				
10/25/16	3868.52				Unable to sample due to silt in pump.			
05/22/17	3868.52	38.93	3829.59	0.00				
05/24/17	3868.52				<0.00050	<0.00050	<0.00050	<0.00050
11/28/17	3868.52	38.91	3829.61	0.00				
11/29/17	3868.52				<0.00050	<0.00050	<0.00050	<0.00050
07/17/18	3868.66	39.02	3829.64	0.00				
07/20/18	3868.66				<0.00050	<0.00050	<0.00050	<0.00050
03/07/19	3868.66	39.26	3829.40	0.00	<0.00050	<0.00050	<0.00050	<0.00050
10/01/19	3868.66	39.32	3829.34	0.00	Insufficient water to sample.			
06/23/20	3868.66	39.35	3829.31	0.00	Insufficient water to sample.			
12/14/20	3868.66	39.49	3829.17	0.00	Insufficient water to sample.			
06/29/21	3868.66	39.65	3829.01	0.00				
07/01/21	3868.66				<0.00050	<0.00050	<0.00050	<0.0010
12/20/21	3868.66	39.53	3829.13	0.00				
12/22/21	3868.66				<0.00050	<0.00050	<0.00050	<0.0010
05/26/22	3868.66	39.78	3828.88	0.00	<0.00050	<0.00050	<0.00050	<0.0010
12/28/22	3868.66	39.86	3828.80	0.00				
12/29/22	3868.66				<0.0010	<0.0010	<0.0010	<0.0020
06/20/23	3868.44	40.01	3828.51	0.10				
09/08/23	3868.44				Well not gauged or sampled.			
12/07/23	3868.44	40.10	3828.34	0.00	<0.00050	<0.00050	<0.00050	<0.0010
06/04/24	3868.44	40.32	3,828.12	0.00	(g)	(g)	(g)	(g)

TABLE 4
CUMULATIVE WATER LEVEL MEASUREMENTS AND GROUNDWATER ANALYSES

Gladiola Station
 Lea County, New Mexico

Date	Well Elev (feet)	GW Depth (feet)	GW Elev (feet)	NAPL (feet)	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Xylenes (mg/L)
NMED WQCC HHS					0.005	1	0.7	0.62
Field Point MW-7	Well Screen Interval (feet): 24.35-39.35							
07/25/06	3864.14	29.05	3835.09	0.00	0.0279	0.00113	0.00385	0.0288
02/07/07	3864.14	29.08	3835.06	0.00	0.0332	<0.00100	0.0244	0.0276
04/15/08	3864.14	29.67	3834.47	0.00	0.0147	<0.00100	0.00422	0.0167
09/20/08	3864.14							
09/26/08	3864.14	30.17	3833.97	0.00	0.0194	<0.00100	0.00260	0.0161
02/05/09	3864.14	30.54	3833.60	0.00	0.0158	<0.00100	0.00424	0.0122
05/18/09	3864.14	31.08	3833.06	0.00	0.0138	<0.00100	0.00270	0.0107
08/19/09	3864.14	31.20	3832.94	0.00	0.0250	<0.00100	<0.00100	0.0160
10/30/09	3864.14	31.29	3832.85	0.00	0.0363	<0.00100	0.00193	0.0356
10/13/11	3864.14	33.24	3830.90	0.00	0.0115	<0.00100	<0.00100	<0.00300
02/22/12	3864.14	34.20	3829.94	0.00	0.0348	<0.00100	0.0026	<0.00300
07/17/12	3865.67	33.96	3831.73	0.02				
10/03/12	3865.67	34.16	3831.52	0.01				
05/14/13	3865.67	35.96	3829.98	0.32				
01/27/14	3865.67	35.22	3830.47	0.03				
06/17/14	3865.67	35.54	3830.13	0.00				
11/18/14	3865.67	35.64	3830.03	0.00				
12/07/15	3865.67	35.76	3829.92	0.01				
04/26/16	3865.67	36.00	3829.68	0.01				
10/24/16	3865.67	35.84	3829.83	(d)				
05/22/17	3865.67	Dry						
11/28/17	3865.67	36.11	3829.56	0.00				
07/17/18	3865.76	Dry						
03/04/19	3865.76	Dry						
10/01/19	3865.76	Dry						
06/23/20	3865.76	Dry						
12/14/20	3865.76	Dry						
06/29/21	3865.76	Dry						
12/20/21	3865.76	Dry						
05/24/22	3865.76	Dry						
12/28/22	3865.76	Dry						
06/20/23	3865.76	Dry						
09/08/23	3865.76				Well not gauged or sampled.			
12/05/23	3865.76	Dry						
06/02/24	3865.76	Dry						
Field Point MW-8	Well Screen Interval (feet): 23.05-38.05							
07/25/06	3863.80	28.74	3835.06	0.00	0.0176	0.001	0.00724	0.0236
02/07/07	3863.80	28.82	3834.98	0.00	0.00561	<0.00100	0.0138	0.00655
04/15/08	3863.80	29.40	3834.40	0.00	0.00319	<0.00100	0.00382	0.00614
09/20/08	3863.80							
09/26/08	3863.80	29.92	3833.88	0.00	0.00385	<0.00100	0.00722	0.0151
02/05/09	3863.80	30.31	3833.49	0.00	0.00337	<0.00100	0.00552	0.00313
05/18/09	3863.80	30.72	3833.08	0.00	0.00201	<0.00100	0.00406	0.00337
08/19/09	3863.80	29.95	3833.85	0.00	<0.00100	<0.00100	0.00318	0.00620
10/30/09	3863.80	29.99	3833.81	0.00	0.00124	<0.00100	<0.00100	0.00653
10/12/11	3863.80				Not measured or sampled.			
02/22/12	3863.80	33.40	3830.42	0.02				

TABLE 4
CUMULATIVE WATER LEVEL MEASUREMENTS AND GROUNDWATER ANALYSES

Gladiola Station
 Lea County, New Mexico

Date	Well Elev (feet)	GW Depth (feet)	GW Elev (feet)	NAPL (feet)	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Xylenes (mg/L)
NMED WQCC HHS					0.005	1	0.7	0.62
Field Point MW-8	Well Screen Interval (feet): 23.05-38.05							
07/17/12	3865.32	33.80	3831.68	0.19				
10/03/12	3865.32	33.96	3831.58	0.26				
05/14/13 - Present	3865.32				Unable to locate - Presumed destroyed.			
Field Point MW-9	Well Screen Interval (feet): 27.64-42.64							
07/21/06	3868.29	33.48	3834.81	0.00	0.00137	0.001	0.001	0.003
02/06/07	3868.29	33.60	3834.69	0.00	0.00170	<0.00100	<0.00100	<0.00300
04/15/08	3868.29	34.10	3834.19	0.00	0.00254	<0.00100	<0.00100	<0.00300
09/21/08	3868.29							
09/26/08	3868.29	34.66	3833.63	0.00	<0.00100	<0.00100	<0.00100	<0.00300
02/05/09	3868.29	35.16	3833.13	0.00	0.00585	<0.00100	<0.00100	<0.00300
05/18/09	3868.29	35.44	3832.85	0.00	0.00404	<0.00100	<0.00100	<0.00300
08/19/09	3868.29	35.70	3832.59	0.00	<0.00100	<0.00100	<0.00100	<0.00300
10/30/09	3868.29	35.93	3832.36	0.00	<0.00100	<0.00100	<0.00100	<0.00300
10/13/11	3868.29	37.66	3830.63	0.00	<0.00100	<0.00100	<0.00100	<0.00300
02/22/12	3868.29	38.49	3829.80	0.00	0.00136	<0.00100	<0.00100	<0.00300
07/17/12	3869.82	38.30	3831.52	0.00	0.00529	<0.00100	0.00654	0.0132
10/03/12	3869.82	38.40	3831.50	0.10	0.135	0.00971	0.177	0.829
05/14/13	3869.82	38.99	3830.88	0.06				
01/28/14	3869.82	40.12	3830.14	0.53				
06/17/14	3869.82	40.22	3829.84	0.29				
11/17/14	3869.82	40.35	3829.64	0.20				
12/07/15	3869.82	40.51	3829.51	0.24				
04/26/16	3869.82	40.68	3829.37	0.28				
10/24/16	3869.82	40.71	3829.33	0.27				
05/22/17	3869.82	40.85	3829.26	0.35				
11/28/17	3869.82	40.80	3829.21	0.23				
07/17/18	3869.90	40.90	3829.27	0.33				
03/04/19	3869.90	41.23	3829.04	0.44				
10/01/19	3869.90	41.25	3828.97	0.38				
06/23/20	3869.90	41.20	3828.95	0.30				
12/14/20	3869.90	41.42	3828.71	0.28				
06/29/21	3869.90	41.51	3828.49	0.12				
12/20/21	3869.90	41.27	3828.70	0.08				
05/24/22	3869.90	41.30	3828.62	0.02				
05/25/22	3869.90	41.29	3828.62	0.01				
12/28/22	3869.90	41.68	3828.27	0.02				
06/13/23	3869.90	41.51	3828.42	0.04				
09/08/23	3869.90				Well not gauged or sampled.			
12/05/23	3869.90	41.58	3828.33	0.01				
06/02/24	3869.90	41.60	3,828.31	0.01				
Field Point MW-10	Well Screen Interval (feet): 28.08-43.08							
07/21/06	3868.85	34.10	3834.75	0.00	0.0133	0.001	0.001	0.003
02/06/07	3868.85	34.22	3834.63	0.00	0.0115	<0.00100	<0.00100	<0.00300
04/15/08	3868.85	34.76	3834.09	0.00	0.00599	<0.00100	<0.00100	<0.00300
09/21/08	3868.85							
09/26/08	3868.85	35.34	3833.51	0.00	0.00635	<0.00100	<0.00100	<0.00300

TABLE 4
CUMULATIVE WATER LEVEL MEASUREMENTS AND GROUNDWATER ANALYSES

Gladiola Station
 Lea County, New Mexico

Date	Well Elev (feet)	GW Depth (feet)	GW Elev (feet)	NAPL (feet)	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Xylenes (mg/L)
NMED WQCC HHS					0.005	1	0.7	0.62
Field Point MW-10	Well Screen Interval (feet): 28.08-43.08							
02/05/09	3868.85	35.84	3833.01	0.00	0.00409	<0.00100	<0.00100	<0.00300
05/18/09	3868.85	36.12	3832.73	0.00	0.00348	<0.00100	<0.00100	<0.00300
08/19/09	3868.85	36.40	3832.45	0.00	<0.00100	<0.00100	<0.00100	<0.00300
10/30/09	3868.85	36.61	3832.24	0.00	<0.00100	<0.00100	<0.00100	<0.00300
11/19/09	3868.85	36.65	3832.20	0.00				
10/13/11	3868.85	38.30	3830.55	0.00	<0.00100	<0.00100	<0.00100	<0.00300
02/22/12	3868.85	38.83	3830.02	0.00	<0.00100	<0.00100	<0.00100	<0.00300
07/17/12	3870.38	38.96	3831.42	0.00	<0.00100	<0.00100	<0.00100	<0.00300
10/03/12	3870.38	39.46	3830.92	0.00	<0.00100	<0.00100	<0.00100	<0.00300
05/15/13	3870.38	39.72	3830.66	0.00	0.000879 J	<0.00017	<0.00019	<0.00018
05/15/13 D	3870.38	39.72	3830.66	0.00	0.00138	<0.00017	<0.00019	<0.00018
01/29/14	3870.38	40.33	3830.05	0.00	0.000898 J	<0.00017	<0.00019	<0.00058
06/18/14	3870.38	41.64	3828.74	0.00	Insufficient recharge for sampling.			
11/19/14	3870.38	40.89	3829.49	0.00	<0.00100	<0.00100	<0.00100	<0.002
11/19/14 D	3870.38	40.89	3829.49	0.00	<0.00100	<0.00100	<0.00100	<0.002
12/07/15	3870.38	40.91	3829.47	0.00	Insufficient water to sample.			
04/26/16	3870.38	41.47	3828.91	0.00	Insufficient water to sample.			
10/24/16	3870.38	41.17	3829.21	0.00	Insufficient water to sample.			
05/22/17	3870.38	41.25	3829.13	0.00				
05/24/17	3870.38				<0.00050	<0.00050	<0.00050	<0.00050
11/28/17	3870.38	41.29	3829.09	0.00				
11/29/17	3870.38				0.00051	<0.00050	<0.00050	<0.00050
07/17/18	3870.47	41.27	3829.20	0.00				
07/20/18	3870.47	41.30	3829.17	0.00	0.00078	<0.00050	<0.00050	<0.00050
03/07/19	3870.47	41.58	3828.89	0.00	0.00073	<0.00050	<0.00050	<0.00050
10/01/19	3870.47	41.58	3828.89	0.00	Insufficient water to sample.			
06/23/20	3870.47	41.62	3828.85	0.00	Insufficient water to sample.			
12/14/20	3870.47	41.72	3828.75	0.00	Insufficient water to sample.			
06/29/21	3870.47	41.90	3828.57	0.00				
07/01/21	3870.47				0.00094 J	<0.0010	<0.0010	0.0041
12/20/21	3870.47	41.88	3828.59	0.00				
12/22/21	3870.47				<0.00050	<0.00050	<0.00050	<0.0010
05/24/22	3870.47	41.42	3829.05	0.00	Insufficient water to sample.			
12/28/22	3870.47	42.90(f)	(f)	0.00				
06/20/23	3870.47	42.27	3828.20	0.00	Insufficient water to sample.			
09/08/23	3870.47				Well not gauged or sampled.			
12/06/23	3870.47	42.37(f)	(f)	0.00				
06/04/24	3870.47	42.40	3,828.07	0.00	Insufficient water to sample.			
Field Point MW-11	Well Screen Interval (feet): 29.00-44.00							
04/30/08	3868.06	31.50	3836.56	0.00	<0.00100	<0.00100	<0.00100	<0.00300
09/21/08	3868.06							
09/26/08	3868.06	34.65	3833.41	0.00	0.00351	<0.00100	<0.00100	<0.00300
02/05/09	3868.06	35.12	3832.94	0.00	0.00401	<0.00100	<0.00100	<0.00300
05/18/09	3868.06	35.42	3832.64	0.00	0.00382	<0.00100	<0.00100	<0.00300
08/19/09	3868.06	35.75	3832.31	0.00	<0.00100	<0.00100	<0.00100	<0.00300
10/30/09	3868.06	35.95	3832.11	0.00	<0.00100	<0.00100	<0.00100	<0.00300
10/13/11	3868.06	37.60	3830.46	0.00	<0.00100	<0.00100	<0.00100	<0.00300

TABLE 4
CUMULATIVE WATER LEVEL MEASUREMENTS AND GROUNDWATER ANALYSES

Gladiola Station
 Lea County, New Mexico

Date	Well Elev (feet)	GW Depth (feet)	GW Elev (feet)	NAPL (feet)	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Xylenes (mg/L)
NMED WQCC HHS					0.005	1	0.7	0.62
Field Point MW-11	Well Screen Interval (feet): 29.00-44.00							
02/22/12	3868.06	38.06	3830.00	0.00	<0.00100	<0.00100	<0.00100	<0.00300
07/17/12	3869.58	38.26	3831.32	0.00	<0.00100	<0.00100	<0.00100	<0.00300
10/03/12	3869.58	38.50	3831.08	0.00	<0.00100	<0.00100	<0.00100	<0.00300
05/15/13	3869.58	39.01	3830.57	0.00	0.000606 J	<0.00017	<0.00019	<0.00018
01/28/14	3869.58	39.57	3830.01	0.00	<0.000200	<0.00017	<0.00019	<0.00058
06/18/14	3869.58	39.95	3829.63	0.00	<0.000200	<0.00017	<0.00019	<0.00038
11/19/14	3869.58	40.20	3829.38	0.00	<0.00100	<0.00100	<0.00100	<0.002
12/08/15	3869.58	40.29	3829.29	0.00	<0.00100	<0.00100	<0.00100	<0.00300
04/27/16	3869.58	40.33	3829.25	0.00	<0.00100	<0.00100	<0.00100	<0.00300
10/24/16	3869.58	40.49	3829.09	0.00				
10/25/16	3868.06				<0.00100	<0.00100	<0.00100	<0.00300
05/22/17	3868.06	40.54	3827.52	0.00				
05/24/17	3868.06				<0.00050	0.00021 J	<0.00050	<0.00050
11/28/17	3868.06	40.61	3827.45	0.00				
11/29/17	3868.06				<0.00050	<0.00050	<0.00050	0.00022 J
07/17/18	3869.68	40.58	3829.10	0.00				
07/18/18	3869.68	40.58	3829.10	0.00	<0.00050	0.00050 J	<0.00050	<0.00050
03/04/19	3869.68	40.89	3828.79	0.00				
03/07/19	3869.68	40.71	3828.97	0.00	<0.00050	<0.00050	<0.00050	<0.00050
10/01/19	3869.68	40.86	3828.82	0.00				
10/03/19	3869.68				<0.00050	<0.00050	0.00033 J	<0.0010
06/23/20	3869.68	40.93	3828.75	0.00				
06/25/20	3869.68				0.00011 J	<0.00050	0.000099 J	<0.0010
12/14/20	3869.68	41.01	3828.67	0.00				
12/16/20	3869.68				<0.00050	<0.00050	<0.00050	<0.0010
06/29/21	3869.68	41.19	3828.49	0.00				
07/01/21	3869.68				<0.00050	<0.00050	<0.00050	<0.0010
12/20/21	3869.68	41.14	3828.54	0.00				
12/21/21	3869.68				<0.00050	<0.00050	<0.00050	<0.0010
05/25/22	3869.68	41.28	3828.40	0.00	<0.00050	<0.00050	<0.00050	<0.0010
12/28/22	3869.68	41.33	3828.35	0.00				
12/30/22	3869.68				<0.00050	<0.00050	<0.00050	<0.0010
06/20/23	3869.68	41.45	3828.23	0.00				
06/21/23	3869.68				<0.00050	<0.00050	<0.00050	<0.0010
09/08/23	3869.68				Well not gauged or sampled.			
12/06/23	3869.68	41.57	3828.11	0.00	<0.0020	<0.0020	<0.0020	<0.0040
06/04/24	3869.68	41.83	3,827.85	0.00	<0.0020	<0.0020	<0.0020	<0.0040
Field Point MW-12	Well Screen Interval (feet): 30.00-45.00							
04/30/08	3867.74	31.50	3836.24	0.00	0.0504	0.00401	0.242	0.598
09/21/08	3867.74							
09/26/08	3867.74	34.12	3833.62	0.00	0.222	0.0116	0.978	1.84
02/05/09	3867.74	34.67	3833.07	0.00	0.178	0.0134	1.19	2.22
05/19/09	3867.74	34.98	3832.76	0.00	0.143	0.0128	0.882	1.65
08/19/09	3867.74	35.20	3832.54	0.00	0.162	0.00987	0.937	1.68
10/30/09	3867.74	35.45	3832.29	0.00	0.162	0.0128	1.02	1.99
10/13/11	3867.74	37.12	3830.62	0.00	0.055	0.00603	0.476	1.01
02/22/12	3867.74	37.46	3830.28	0.00	0.059	0.005	0.869	1.66

TABLE 4
CUMULATIVE WATER LEVEL MEASUREMENTS AND GROUNDWATER ANALYSES

Gladiola Station
 Lea County, New Mexico

Date	Well Elev (feet)	GW Depth (feet)	GW Elev (feet)	NAPL (feet)	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Xylenes (mg/L)
NMED WQCC HHS					0.005	1	0.7	0.62
Field Point MW-12	Well Screen Interval (feet): 30.00-45.00							
07/17/12	3869.27	37.90	3831.37	0.00	0.050	0.0116	0.737	0.562
10/03/12	3869.27	38.10	3831.17	0.00	0.054	0.0152	0.822	1.67
05/14/13	3869.27	38.60	3830.67	0.00				
01/28/14	3869.27	39.30	3830.04	0.09				
06/17/14	3869.27	39.60	3829.74	0.09				
11/17/14	3869.27	40.50	3829.54	0.93				
12/07/15	3869.27	40.66	3829.46	1.03				
04/26/16	3869.27	40.38	3829.33	0.53				
10/24/16	3869.27	40.34	3829.21	0.39				
05/22/17	3869.27	40.50	3829.18	0.49				
11/28/17	3869.27	40.58	3829.09	0.48				
07/17/18	3869.40	40.57	3829.21	0.46				
03/04/19	3869.40	40.81	3828.98	0.47				
10/01/19	3869.40	40.78	3828.94	0.39				
06/23/20	3869.40	40.76	3828.92	0.34				
12/14/20	3869.40	40.79	3828.73	0.15				
06/29/21	3869.40	40.93	3828.63	0.19				
12/20/21	3869.40	40.97	3828.52	0.11				
05/25/22	3869.40	40.93	3828.55	0.10				
12/28/22	3869.40	41.04	3828.47	0.13				
06/13/23	3869.40	41.04	3828.37	0.01				
09/08/23	3869.40				Well not gauged or sampled.			
12/07/23	3869.40	41.05	3828.38	0.04				
06/01/24	3869.40	41.14	3,828.29	0.04				
Field Point MW-13	Well Screen Interval (feet): 30.00-45.00							
04/30/08	3867.11	29.65	3837.46	0.00	3.64	0.102	0.292	0.499
09/21/08	3867.11							
09/26/08	3867.11	33.11	3834.00	0.00	9.26	0.513	0.972	1.71
02/06/09	3867.11	33.62	3833.49	0.00	10.1	0.554	1.050	1.89
05/19/09	3867.11	33.88	3833.23	0.00	8.44	0.323	0.842	1.38
08/19/09	3867.11	34.32	3832.89	0.12	8.13	0.305	0.950	2.07
10/30/09	3867.11	34.45	3832.72	0.07	9.55	0.218	1.03	1.75
10/13/11	3867.11	36.90	3831.00	0.95				
02/22/12	3867.11	37.78	3829.89	0.68				
07/17/12	3868.63	38.85	3831.86	2.50				
10/03/12	3868.63	39.02	3831.67	2.48				
05/14/13	3868.63	38.89	3831.30	1.88				
01/28/14	3868.63	39.91	3830.47	2.11				
06/17/14	3868.63	39.91	3830.19	1.77				
11/18/14	3868.63	41.56	3829.97	3.49				
12/07/15	3868.63	41.31	3829.94	3.16				
04/26/16	3868.63	40.12	3829.79	1.54				
10/24/16	3868.63	39.55	3829.87	0.95				
05/22/17	3868.63	39.91	3828.78	0.07				
11/28/17	3868.63	39.85	3829.62	1.01				
07/17/18	3868.76	39.86	3829.70	0.96				
03/04/19	3868.76	40.17	3829.44	1.02				

TABLE 4
CUMULATIVE WATER LEVEL MEASUREMENTS AND GROUNDWATER ANALYSES

Gladiola Station
 Lea County, New Mexico

Date	Well Elev (feet)	GW Depth (feet)	GW Elev (feet)	NAPL (feet)	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Xylenes (mg/L)
NMED WQCC HHS					0.005	1	0.7	0.62
Field Point MW-13	Well Screen Interval (feet): 30.00-45.00							
10/01/19	3868.76	40.24	3829.37	1.03				
06/23/20	3868.76	40.35	3829.31	1.09				
12/14/20	3868.76	39.91	3829.15	0.36				
06/29/21	3868.76	40.10	3829.07	0.49				
12/20/21	3868.76	39.87	3829.15	0.31				
05/26/22	3868.76	39.97	3828.98	0.23				
12/28/22	3868.76	40.22	3828.93	0.47				
06/13/23	3868.76	40.39	3828.83	0.55				
09/08/23	3868.76				Well not gauged or sampled.			
12/05/23	3868.76	40.41	3828.69	0.40				
06/01/24	3868.76	40.35	3,828.78	0.45				
Field Point MW-14	Well Screen Interval (feet): 27.00-42.00							
04/30/08	3866.92	29.48	3837.44	0.00	0.0449	0.00125	0.0231	0.0341
09/21/08	3866.92							
09/26/08	3866.92	32.82	3834.10	0.00	0.123	0.00187	0.0164	0.0911
02/06/09	3866.92	33.37	3833.55	0.00	0.240	0.00986	0.246	0.166
05/19/09	3866.92	33.64	3833.28	0.00	0.120	0.00203	0.0971	0.0386
08/19/09	3866.92	33.98	3832.94	0.00	0.112	<0.00100	0.110	0.0444
10/30/09	3866.92	34.15	3832.77	0.00	0.119	0.00168	0.0895	0.0645
10/13/11	3866.92	35.85	3831.07	0.00	0.075	<0.00100	0.0536	0.044
02/22/12	3866.92	36.19	3830.73	0.00	0.0782	<0.00100	0.0646	0.0212
07/17/12	3868.47	36.54	3831.93	0.00	0.0798	<0.00100	0.0731	0.0535
10/03/12	3868.47	36.90	3831.57	0.00	0.107	<0.00100	0.0965	0.0179
05/14/13	3868.47	38.39	3831.27	1.43				
01/28/14	3868.47	38.81	3830.55	1.07				
06/17/14	3868.47	38.76	3830.27	0.67				
11/18/14	3868.47	40.75	3830.04	2.79				
12/07/15	3868.47	41.49	3830.03	3.68				
04/26/16	3868.47	40.85	3829.87	2.71				
10/24/16	3868.47	40.86	3830.05	2.94				
05/22/17	3868.47	41.61	3829.72	3.44				
11/28/17	3868.47	40.00	3829.62	1.39				
07/17/18	3868.62	39.25	3829.79	0.50				
03/04/19	3868.62	39.79	3829.54	0.85				
10/01/19	3868.62	39.85	3830.52	2.11				
06/23/20	3868.62	40.10	3829.42	1.09				
12/14/20	3868.62	39.58	3829.24	0.24				
06/29/21	3868.62	39.47	3829.17	0.03				
12/20/21	3868.62	39.56	3829.22	0.19				
05/24/22	3868.62	39.64	3829.12	0.17				
12/28/22	3868.62	39.75	3829.02	0.18				
06/14/23	3868.62	39.84	3828.88	0.12				
09/08/23	3868.62				Well not gauged or sampled.			
12/05/23	3868.62	39.96	3828.77	0.13				
06/01/24	3868.62	39.95	3,828.76	0.11				

TABLE 4
CUMULATIVE WATER LEVEL MEASUREMENTS AND GROUNDWATER ANALYSES

Gladiola Station
 Lea County, New Mexico

Date	Well Elev (feet)	GW Depth (feet)	GW Elev (feet)	NAPL (feet)	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Xylenes (mg/L)
NMED WQCC HHS					0.005	1	0.7	0.62
Field Point MW-15	Well Screen Interval (feet): 29.00-44.00							
04/30/08	3867.19	29.74	3837.45	0.00	1.230	0.167	0.320	0.554
09/21/08	3867.19							
09/26/08	3867.19	33.26	3833.94	0.01	6.540	1.350	1.130	2.4
02/15/09	3867.19	33.82	3833.44	0.09				
05/19/09	3867.19	34.20	3833.12	0.16	3.800	0.632	0.848	1.8
08/19/09	3867.19	34.40	3832.91	0.15	3.850	0.892	0.799	2.25
10/30/09	3867.19	34.60	3832.69	0.12	8.96	0.228	0.949	1.66
10/13/11	3867.19	38.04	3831.01	2.24				
02/22/12	3867.19	38.41	3830.71	2.32				
07/17/12	3868.74	38.20	3832.03	1.80				
10/03/12	3868.74	39.95	3831.57	3.35				
05/14/13	3868.74	40.11	3831.12	3.00				
01/28/14	3868.74	40.21	3830.47	2.34				
06/17/14	3868.74	39.35	3830.19	0.96				
11/18/14	3868.74	39.76	3830.13	1.39				
12/07/15	3868.74	40.31	3830.25	2.19				
04/26/16	3868.74	39.61	3829.89	0.91				
10/24/16	3868.74	38.70	3830.41	0.44				
05/22/17	3868.74	38.92	3829.84	0.02				
11/28/17	3868.74	38.96	3830.03	0.30				
07/17/18	3868.86	39.33	3829.79	0.31				
03/04/19	3868.86	39.63	3829.51	0.34				
10/01/19	3868.86	39.71	3829.42	0.33				
06/23/20	3868.86	39.80	3829.35	0.35				
12/14/20	3868.86	39.93	3829.06	0.16				
06/29/21	3868.86	39.75	3829.23	0.14				
12/20/21	3868.86	39.78	3829.21	0.16				
05/24/22	3868.86	39.94	3829.00	0.10				
12/28/22	3868.86	40.08	3828.87	0.11				
06/13/23	3868.86	40.18	3828.76	0.10				
09/08/23	3868.86				Well not gauged or sampled.			
12/05/23	3868.86	40.25	3828.67	0.07				
06/01/24	3868.86	40.45	3,828.43	0.02				
Field Point MW-16	Well Screen Interval (feet): 26.50-41.50							
04/30/08	3867.02	29.95	3837.07	0.00	0.00321	<0.00100	0.0237	0.0376
09/21/08	3867.02							
09/26/08	3867.02	32.94	3834.08	0.00	0.00317	<0.00100	0.0253	0.0790
02/06/09	3867.02	33.39	3833.63	0.00	0.0113	<0.00100	0.0426	0.0634
05/18/09	3867.02	33.73	3833.29	0.00	0.00670	<0.00100	0.0488	0.0526
08/19/09	3867.02	34.00	3833.02	0.00	0.00419	<0.00100	0.0251	0.0797
10/30/09	3867.02	34.17	3832.85	0.00	0.00391	<0.00100	0.0128	0.0564
10/30/09 D	3867.02	34.17	3832.85	0.00	0.00576	<0.00100	0.0350	0.122
10/13/11	3867.02	35.95	3831.07	0.00	0.00190	<0.00100	0.0145	0.0342
02/22/12	3867.02	36.45	3830.57	0.00	<0.00100	<0.00100	<0.00100	<0.00300
07/17/12	3868.54	36.65	3831.89	0.00	0.00157	<0.00100	0.01860	0.01050
10/03/12	3868.54	37.10	3831.44	0.00	0.00192	<0.00100	0.06370	0.07700
05/14/13	3868.54	38.05	3831.20	0.86				

TABLE 4
CUMULATIVE WATER LEVEL MEASUREMENTS AND GROUNDWATER ANALYSES

Gladiola Station
 Lea County, New Mexico

Date	Well Elev (feet)	GW Depth (feet)	GW Elev (feet)	NAPL (feet)	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Xylenes (mg/L)
NMED WQCC HHS					0.005	1	0.7	0.62
Field Point MW-16	Well Screen Interval (feet): 26.50-41.50							
01/27/14	3868.54	39.11	3830.67	1.49				
06/17/14	3868.54	39.10	3830.32	1.06				
11/18/14	3868.54	38.88	3830.44	0.94				
12/07/15	3868.54	38.61	3830.52	0.71				
04/26/16	3868.54	39.23	3830.02	0.85				
10/24/16	3868.54	38.36	3830.61	0.52				
05/22/17	3868.54	39.30	3829.82	0.70				
11/28/17	3868.54	38.79	3830.17	0.51				
07/17/18	3868.68	39.34	3829.87	0.64				
03/04/19	3868.68	39.71	3829.63	0.79				
10/01/19	3868.68	39.71	3829.48	0.62				
06/23/20	3868.68	39.63	3829.52	0.57				
12/14/20	3868.68	39.63	3829.26	0.25				
06/29/21	3868.68	39.65	3829.20	0.20				
12/20/21	3868.68	39.79	3829.01	0.15				
05/26/22	3868.68	39.56	3829.18	0.07				
12/28/22	3868.68	39.71	3829.08	0.13				
06/13/23	3868.46	39.87	3828.76	0.20				
09/08/23	3868.46				Well not gauged or sampled.			
12/07/23	3868.46	39.9	3828.73	0.20				
06/02/24	3868.46	40.00	3,828.67	0.25				
Field Point MW-17	Well Screen Interval (feet): 29.50-44.50							
08/19/09	3867.64	35.22	3832.42	0.00	1.28	0.0146	0.845	1.19
10/30/09	3867.64	35.40	3832.24	0.00	1.52	0.0211	0.986	1.55
10/13/11	3867.64	37.10	3830.54	0.00	0.68	<0.00100	0.407	0.524
02/22/12	3867.64	37.40	3830.24	0.00	0.871	<0.00100	0.727	1.16
07/17/12	3869.14	37.75	3831.39	0.00	0.649	0.00494	0.504	0.438
10/03/12	3869.14	38.20	3830.94	0.00	0.825	0.0103	0.682	1.22
05/14/13	3869.14	38.52	3830.62	0.00				
01/28/14	3869.14	39.14	3830.00	0.00				
06/17/14	3869.14	39.43	3829.71	0.00				
11/07/14	3869.14	39.64	3829.50	0.00				
12/09/15	3869.14	39.72	3829.42	0.00				
04/26/16	3869.14	38.36	3830.78	0.00				
10/24/16	3869.14	39.93	3829.21	(d)				
05/22/17	3869.14	40.00	3829.16	0.02				
11/28/17	3869.14	40.09	3829.05	0.00				
11/29/17	3869.14				0.17	<0.012	0.77	0.27
07/17/18	3869.27	40.08	3829.19	0.00				
07/18/18	3869.27				0.15	<0.010	0.72	0.20
03/04/19	3869.27	40.38	3828.89	0.00				
03/06/19	3869.27	40.20	3829.07	0.00	0.12	<0.010	0.59	0.052 J B
10/01/19	3869.27	40.34	3828.93	0.00				
10/03/19	3869.27				0.12	<0.010	0.73	0.20
06/23/20	3869.27	40.41	3828.86	0.00				
06/25/20	3869.27				0.14	<0.010	0.91	0.13
12/14/20	3869.27	40.48	3828.79	0.00				

TABLE 4
CUMULATIVE WATER LEVEL MEASUREMENTS AND GROUNDWATER ANALYSES

Gladiola Station
 Lea County, New Mexico

Date	Well Elev (feet)	GW Depth (feet)	GW Elev (feet)	NAPL (feet)	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Xylenes (mg/L)
NMED WQCC HHS					0.005	1	0.7	0.62
Field Point MW-17	Well Screen Interval (feet): 29.50-44.50							
12/16/20	3869.27				0.10	<0.0020	0.58	0.15
06/29/21	3869.27	40.67	3828.60	0.00				
06/30/21	3869.27				0.11	<0.010	0.88	0.54
12/20/21	3869.27	40.61	3828.66	0.00				
12/21/21	3869.27				0.093	<0.010	0.91	0.27
05/25/22	3869.27	40.80	3828.47	0.00	0.084	<0.010	0.770	0.037
12/28/22	3869.27	40.78	3828.49	0.00				
12/29/22	3869.27				0.078	<0.010	0.71	0.018 J
06/20/23	3869.27	40.93	3828.34	0.00	0.053	<0.010	0.59	0.0080 J
09/08/23	3869.27	40.90	3828.37	0.00				
12/07/23	3869.27	41.01	3828.26	0.00	0.035	<0.0050	0.42	<0.010
06/04/24	3869.27	41.03	3,828.24	0.00	0.057	<0.0050	0.64	<0.010
Field Point MW-18	Well Screen Interval (feet): 27.00-42.00							
08/19/09	3867.31	34.45	3832.86	0.00	2.40	0.0206	0.681	0.836
10/30/09	3867.31	34.60	3832.71	0.00	2.88	0.0144	0.779	0.703
10/13/11	3867.31	36.26	3831.05	0.00	1.81	0.00572	0.274	0.108
02/22/12	3867.31	36.59	3830.73	0.01				
07/17/12	3868.79	37.30	3831.82	0.40				
10/03/12	3868.79	38.20	3831.34	0.90				
05/14/13	3868.79	38.23	3831.22	0.80				
01/28/14	3868.79	38.92	3830.53	0.80				
06/17/14	3868.79	38.99	3830.26	0.56				
11/17/14	3868.79	39.12	3830.04	0.44				
12/07/15	3868.79	39.15	3829.92	0.34				
04/26/16	3868.79	39.36	3829.77	0.41				
10/24/16	3868.79	39.19	3829.77	0.21				
05/22/17	3868.79	39.45	3829.62	0.34				
11/28/17	3868.79	39.41	3829.61	0.28				
07/17/18	3868.94	39.50	3829.70	0.31				
03/04/19	3868.94	39.75	3829.44	0.30				
10/01/19	3868.94	39.88	3829.39	0.40				
06/23/20	3868.94	40.02	3829.36	0.53				
12/14/20	3868.94	40.21	3829.15	0.50				
06/29/21	3868.94	40.92	3829.05	1.24				
12/20/21	3868.94	40.89	3829.13	1.30				
05/26/22	3868.94	40.95	3828.99	1.20				
12/28/22	3868.94	41.37	3828.76	1.43				
06/14/23	3868.94	41.20	3828.81	1.29				
09/08/23	3868.94	40.70	3828.75	0.62				
12/07/23	3868.94	40.30	3828.84	0.24				
06/02/24	3868.94	40.63	3,828.73	0.50				
Field Point MW-19	Well Screen Interval (feet): 27.00-42.00							
08/19/09	3867.26	34.22	3833.04	0.00	<0.00100	<0.00100	<0.00100	<0.00300
10/30/09	3867.26	34.40	3832.86	0.00	<0.00100	<0.00100	<0.00100	<0.00300
10/13/11	3867.26	36.08	3831.18	0.00	<0.00100	<0.00100	<0.00100	<0.00300
02/22/12	3867.26	37.14	3830.12	0.00	0.00188	<0.00100	0.192	0.329

TABLE 4
CUMULATIVE WATER LEVEL MEASUREMENTS AND GROUNDWATER ANALYSES

Gladiola Station
 Lea County, New Mexico

Date	Well Elev (feet)	GW Depth (feet)	GW Elev (feet)	NAPL (feet)	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Xylenes (mg/L)
NMED WQCC HHS					0.005	1	0.7	0.62
Field Point MW-19	Well Screen Interval (feet): 27.00-42.00							
07/17/12	3868.75	36.81	3831.94	0.00	<0.00100	<0.00100	<0.00100	<0.00300
10/03/12	3868.75	36.98	3831.77	0.00	<0.00100	<0.00100	<0.00100	<0.00300
05/15/13	3868.75	37.51	3831.24	0.00	<0.000200	<0.00017	<0.00019	<0.00018
01/29/14	3868.75	38.15	3830.60	0.00	<0.000200	<0.00017	<0.00019	<0.00058
06/18/14	3868.75	38.43	3830.32	0.00	<0.000200	<0.00017	<0.00019	<0.00038
11/18/14	3868.75	38.66	3830.09	0.00	<0.00100	<0.00100	<0.00100	<0.002
12/09/15	3868.75	38.68	3830.07	0.00	0.00413	<0.00100	<0.00100	0.0714
04/27/16	3868.75	38.91	3829.84	0.00	0.00416	<0.00100	<0.00100	0.0569
10/24/16	3868.75	38.86	3829.89	0.00				
10/25/16	3868.75				0.00153	<0.00100	<0.00100	0.0343
05/22/17	3868.75	39.00	3829.75	0.00				
05/24/17	3868.75				0.0011	0.00020 J	0.00060	0.0030
11/28/17	3868.75	39.08	3829.67	0.00				
11/29/17	3868.75				0.0010	<0.00050	0.00098	0.00053
07/17/18	3868.90	39.11	3829.79	0.00				
07/18/18	3868.90				0.00034 J	0.00072	0.00037 J	0.00021 J
03/05/19	3868.90	39.31	3829.59	0.00	0.00040 J	<0.00050	0.00029 J	<0.00050
10/01/19	3868.90	39.35	3829.55	0.00				
10/02/19	3868.90				0.00019 J	<0.00050	<0.00050	<0.0010
06/23/20	3868.90	39.47	3829.43	0.00				
06/24/20	3868.90				0.00017 J	<0.00050	0.00038 J	0.0010
12/14/20	3868.90	39.55	3829.35	0.00				
12/15/20	3868.90				0.00038 J	<0.00050	0.0032	<0.0010
06/29/21	3868.90	39.80	3829.19	0.11				
12/20/21	3868.90	39.54	3829.79	0.52				
05/26/22	3868.90	40.65	3829.14	1.07				
12/28/22	3868.90	40.68	3829.07	1.02				
06/14/23	3868.90	40.90	3828.84	1.01				
09/08/23	3868.90	40.24	3828.91	0.30				
12/07/23	3868.90	40.03	3828.94	0.08				
06/01/24	3868.90	40.17	3,828.80	0.08				
Field Point MW-20	Well Screen Interval (feet): 29.50-44.50							
08/19/09	3867.50	34.69	3832.81	0.00	<0.00100	<0.00100	<0.00100	<0.00300
10/30/09	3867.50	34.85	3832.65	0.00	<0.00100	<0.00100	<0.00100	<0.00300
10/13/11	3867.50	36.55	3830.95	0.00	<0.00100	<0.00100	<0.00100	<0.00300
02/22/12	3867.50	37.09	3830.41	0.00	<0.00100	<0.00100	<0.00100	<0.00300
07/17/12	3868.97	37.31	3831.66	0.00	<0.00100	<0.00100	<0.00100	<0.00300
10/03/12	3868.97	37.48	3831.49	0.00	<0.00100	<0.00100	<0.00100	<0.00300
05/15/13	3868.97	37.99	3830.98	0.00	<0.000200	<0.00017	<0.00019	<0.00018
01/29/14	3868.97	38.65	3830.32	0.00	<0.000200	<0.00017	<0.00019	<0.00058
06/18/14	3868.97	38.93	3830.04	0.00	<0.000200	<0.00017	<0.00019	<0.00038
11/18/14	3868.97	39.16	3829.81	0.00	0.0016	<0.00100	<0.00100	0.0098
12/07/15	3868.97	39.90	3829.83	0.92				
04/26/16	3868.97	40.04	3829.70	0.93				
10/24/16	3868.97	40.50	3829.60	1.36				
05/22/17	3868.97	40.42	3829.53	1.18				
11/28/17	3868.97	39.66	3829.58	0.33				

TABLE 4
CUMULATIVE WATER LEVEL MEASUREMENTS AND GROUNDWATER ANALYSES

Gladiola Station
 Lea County, New Mexico

Date	Well Elev (feet)	GW Depth (feet)	GW Elev (feet)	NAPL (feet)	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Xylenes (mg/L)
NMED WQCC HHS					0.005	1	0.7	0.62
Field Point MW-20	Well Screen Interval (feet): 29.50-44.50							
07/17/18	3869.15	40.48	3829.66	1.19				
03/04/19	3869.15	39.99	3829.58	0.50				
10/01/19	3869.15	40.98	3829.37	1.45				
06/23/20	3869.15	41.23	3829.30	1.66				
12/14/20	3869.15	41.34	3829.15	1.62				
06/29/21	3869.15	41.10	3829.01	1.16				
12/20/21	3869.15	40.36	3829.12	0.40				
05/26/22	3869.15	40.39	3828.97	0.25				
12/28/22	3869.15	40.50	3828.78	0.16				
06/14/23	3869.15	40.46	3828.71	0.03				
09/08/23	3869.15				Well not gauged or sampled.			
12/05/23	3869.15	40.56	3828.68	0.11				
06/01/24	3869.15	40.51	3,828.68	0.05				
Field Point MW-21	Well Screen Interval (feet): 29.50-44.50							
08/19/09	3867.43	34.42	3833.01	0.00	<0.00100	<0.00100	<0.00100	<0.00300
10/30/09	3867.43	34.60	3832.83	0.00	<0.00100	<0.00100	<0.00100	<0.00300
10/13/11	3867.43	36.24	3831.19	0.00	<0.00100	<0.00100	<0.00100	<0.00300
02/22/12	3867.43	36.75	3830.68	0.00	<0.00100	<0.00100	<0.00100	<0.00300
07/17/12	3868.89	36.95	3831.94	0.00	<0.00100	<0.00100	<0.00100	<0.00300
10/03/12	3868.89	37.15	3831.74	0.00	<0.00100	<0.00100	<0.00100	<0.00300
05/15/13	3868.89	37.67	3831.22	0.00	<0.000200	<0.00017	<0.00019	<0.00018
01/29/14	3868.89	38.35	3830.54	0.00	<0.000200	<0.00017	<0.00019	<0.00058
06/18/14	3868.89	38.62	3830.27	0.00	<0.000200	<0.00017	<0.00019	<0.00038
11/18/14	3868.89	38.87	3830.02	0.00	<0.00100	<0.00100	<0.00100	<0.002
12/08/15	3868.89	38.85	3830.04	0.00	0.0124	<0.00100	<0.00100	0.00780
04/27/16	3868.89	39.05	3829.84	0.00	0.0115	<0.00100	<0.00100	0.0104
10/24/16	3868.89	39.13	3829.76	0.00				
10/25/16	3868.89				0.00383	<0.00100	<0.00100	<0.00300
05/22/17	3868.89	39.26	3829.73	0.12				
11/28/17	3868.89	39.63	3829.62	0.43				
07/17/18	3869.07	40.05	3829.86	1.01				
03/04/19	3869.07	40.24	3829.62	0.95				
10/01/19	3869.07	40.13	3829.55	0.74				
06/23/20	3869.07	40.20	3829.49	0.75				
12/14/20	3869.07	39.89	3829.33	0.18				
06/29/21	3869.07	40.01	3829.19	0.16				
12/20/21	3869.07	39.89	3829.30	0.15				
05/26/22	3869.07	40.04	3829.13	0.12				
12/28/22	3869.07	40.21	3828.92	0.07				
06/14/23	3869.07	41.16	3827.96	0.06				
09/08/23	3869.07				Well not gauged or sampled.			
12/05/23	3869.07	40.28	3828.84	0.06				
06/01/24	3869.07	40.26	3,828.85	0.05				
Field Point MW-22	Well Screen Interval (feet): 30.00-45.00							
10/30/09	3868.21	36.27	3831.94	0.00	<0.00100	<0.00100	<0.00100	<0.00300
10/13/11	3868.21	37.90	3830.31	0.00	<0.00100	<0.00100	<0.00100	<0.00300

TABLE 4
CUMULATIVE WATER LEVEL MEASUREMENTS AND GROUNDWATER ANALYSES

Gladiola Station
 Lea County, New Mexico

Date	Well Elev (feet)	GW Depth (feet)	GW Elev (feet)	NAPL (feet)	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Xylenes (mg/L)
NMED WQCC HHS					0.005	1	0.7	0.62
Field Point MW-22	Well Screen Interval (feet): 30.00-45.00							
02/22/12	3868.21	38.26	3829.95	0.00	<0.00100	<0.00100	<0.00100	<0.00300
07/17/12	3869.73	38.60	3831.13	0.00	<0.00100	<0.00100	<0.00100	<0.00300
10/03/12	3869.73	38.80	3830.93	0.00	<0.00100	<0.00100	<0.00100	<0.00300
05/15/13	3869.73	39.36	3830.37	0.00	<0.000200	<0.00017	<0.00019	<0.00018
01/29/14	3869.73	40.00	3829.73	0.00	<0.000200	<0.00017	<0.00019	<0.00058
01/29/14 D	3869.73	40.00	3829.73	0.00	<0.000200	<0.00017	<0.00019	<0.00058
06/18/14	3869.73	40.29	3829.44	0.00	<0.000200	<0.00017	<0.00019	<0.00038
11/19/14	3869.73	40.54	3829.19	0.00	<0.00100	<0.00100	<0.00100	<0.002
12/08/15	3869.73	40.62	3829.11	0.00	<0.00100	<0.00100	<0.00100	<0.00300
04/27/16	3869.73	40.79	3828.94	0.00	<0.00100	<0.00100	<0.00100	<0.00300
10/24/16	3869.73	40.82	3828.91	0.00				
10/25/16	3869.73				<0.00100	<0.00100	<0.00100	<0.00300
05/22/17	3869.73	40.89	3828.84	0.00				
05/24/17	3869.73				<0.00050	<0.00050	<0.00050	<0.00050
11/28/17	3869.73	40.90	3828.83	0.00				
11/29/17	3869.73				<0.00050	<0.00050	<0.00050	<0.00050
07/17/18	3869.86	40.90	3828.96	0.00				
07/18/18	3869.86	40.90	3828.96	0.00	<0.00050	0.00041 J	<0.00050	<0.00050
03/06/19	3869.86	41.16	3828.70	0.00	<0.00050	<0.00050	<0.00050	<0.00050
10/01/19	3869.86	41.18	3828.68	0.00				
10/03/19	3869.86				<0.00050	<0.00050	<0.00050	<0.0010
06/23/20	3869.86	41.24	3828.62	0.00				
06/25/20	3869.86				<0.00050	<0.00050	<0.00050	<0.0010
12/14/20	3869.86	41.32	3828.54	0.00				
12/16/20	3869.86				<0.00050	<0.00050	0.00099	<0.0010
06/29/21	3869.86	41.51	3828.35	0.00				
07/01/21	3869.86				<0.00050	<0.00050	<0.00050	<0.0010
12/20/21	3869.86	41.44	3828.42	0.00				
12/21/21	3869.86				<0.00050	<0.00050	<0.00050	<0.0010
05/25/22	3869.86	41.58	3828.28	0.00	<0.00050	<0.00050	<0.00050	<0.0010
12/28/22	3869.86	41.62	3828.24	0.00				
12/30/22	3869.86				<0.00050	<0.00050	<0.00050	<0.0010
06/20/23	3869.86	41.75	3828.11	0.00				
06/21/23	3869.86				0.00022 J	<0.00050	<0.00050	<0.0010
09/08/23	3869.86	41.74	3828.12	0.00				
12/06/23	3869.86	41.87	3827.99	0.00	<0.0010	<0.0010	<0.0010	<0.0020
06/04/24	3869.86	41.84	3,828.02	0.00	0.00072	<0.00050	<0.00050	<0.0010
Field Point MW-23	Well Screen Interval (feet): 31.00-46.00							
02/22/12	3867.58	36.77	3830.81	0.00	<0.00100	<0.00100	<0.00100	<0.00300
07/17/12	3869.08	37.13	3831.95	0.00	<0.00100	<0.00100	<0.00100	<0.00300
10/03/12	3869.08	37.30	3831.78	0.00	<0.00100	<0.00100	<0.00100	<0.00300
05/15/13	3869.08	37.88	3831.20	0.00	<0.000200	<0.00017	<0.00019	<0.00018
01/29/14	3869.08	38.51	3830.57	0.00	<0.000200	<0.00017	<0.00019	<0.00058
06/18/14	3869.08	38.79	3830.29	0.00	<0.000200	<0.00017	<0.00019	<0.00038
11/18/14	3869.08	39.03	3830.05	0.00	0.13	<0.00100	0.0092	0.065
12/08/15	3869.08	39.01	3830.07	0.00	1.45	<0.00100	0.239	<0.00300
04/27/16	3869.08	38.24	3830.84	0.00	0.473	<0.00500	0.0887	<0.0150

TABLE 4
CUMULATIVE WATER LEVEL MEASUREMENTS AND GROUNDWATER ANALYSES

Gladiola Station
 Lea County, New Mexico

Date	Well Elev (feet)	GW Depth (feet)	GW Elev (feet)	NAPL (feet)	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Xylenes (mg/L)
NMED WQCC HHS					0.005	1	0.7	0.62
Field Point MW-23	Well Screen Interval (feet): 31.00-46.00							
10/24/16	3869.08	34.35	3834.82	0.11				
05/22/17	3869.08	39.42	3829.75	0.11				
11/28/17	3869.08	39.50	3829.65	0.08				
07/17/18	3869.22	39.46	3829.82	0.07				
03/04/19	3869.22	39.72	3829.58	0.10				
10/01/19	3869.22	39.74	3829.52	0.05				
06/23/20	3869.22	39.81	3829.47	0.07				
12/14/20	3869.22	39.96	3829.30	0.05				
06/29/21	3869.22	40.07	3829.17	0.03				
12/20/21	3869.22	40.01	3829.28	0.08				
05/26/22	3869.22	40.13	3829.11	0.03				
12/28/22	3869.22	40.12	3829.13	0.04				
06/14/23	3869.22	40.28	3828.95	0.01				
09/08/23	3869.22				Well not gauged or sampled.			
12/05/23	3869.22	40.40	3828.83	0.01				
06/01/24	3869.22	40.41	3,828.82	0.01				
Field Point MW-24	Well Screen Interval (feet): 28.00-43.00							
02/22/12	3866.60	35.74	3830.89	0.04				
07/17/12	3867.88	39.70	3831.62	4.15				
10/03/12	3867.88	40.09	3831.40	4.35				
05/14/13	3867.88	38.05	3831.35	1.83				
01/28/14	3867.88	41.92	3830.28	5.21				
06/17/14	3867.88	43.09	3830.04	6.33				
11/18/14	3867.88	43.30	3829.98	6.50				
12/07/15	3867.88	42.51	3829.94	5.50				
04/27/16	3867.88	41.39	3829.54	3.68				
10/24/16	3867.88	42.33	3830.00	5.36				
05/22/17	3867.88	39.82	3829.55	1.80				
11/28/17	3867.88	40.54	3830.11	3.34				
07/17/18	3868.04	39.49	3829.64	1.31				
03/04/19	3868.04	40.14	3829.39	1.80				
10/01/19	3868.04	39.98	3828.91	1.02				
06/23/20	3868.04	40.95	3829.21	2.55				
12/14/20	3868.04	40.04	3829.05	1.27				
06/29/21	3868.04	38.44	3830.51	1.10				
12/20/21	3868.04	39.38	3829.37	0.86				
05/26/22	3868.04	39.72	3828.95	0.76				
12/28/22	3868.04	40.21	3829.02	1.43				
06/13/23	3868.04	40.25	3828.72	1.12				
09/08/23	3868.04	41.22	3828.82	2.41				
12/05/23	3868.04	41.46	3827.24	0.78				
06/01/24	3868.04	40.69	3,828.56	1.46				
Field Point MW-25	Well Screen Interval (feet): 28.00-43.00							
02/22/12	3867.61	37.00	3830.61	0.00	8.7	1.12	0.911	2.7
07/17/12	3868.99	37.84	3831.58	0.52				
10/03/12	3868.99	38.92	3830.91	1.01				

TABLE 4
CUMULATIVE WATER LEVEL MEASUREMENTS AND GROUNDWATER ANALYSES

Gladiola Station
 Lea County, New Mexico

Date	Well Elev (feet)	GW Depth (feet)	GW Elev (feet)	NAPL (feet)	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Xylenes (mg/L)
NMED WQCC HHS					0.005	1	0.7	0.62
Field Point MW-25	Well Screen Interval (feet): 28.00-43.00							
05/14/13	3868.99	40.02	3830.99	2.43				
01/28/14	3868.99	41.72	3830.26	3.60				
06/17/14	3868.99	41.74	3829.99	3.30				
11/17/14	3868.99	41.45	3829.77	2.69				
12/07/15	3868.99	40.96	3829.73	2.05				
04/26/16	3868.99	40.00	3829.57	0.70				
10/24/16	3868.99	41.03	3829.53	1.89				
05/22/17	3868.99	41.13	3829.42	1.88				
11/28/17	3868.99	41.57	3829.34	2.31				
07/17/18	3869.14	40.20	3829.52	0.70				
03/04/19	3869.14	40.99	3829.27	1.35				
10/01/19	3869.14	41.49	3829.19	1.85				
06/23/20	3869.14	41.89	3829.17	2.31				
12/14/20	3869.14	40.69	3829.01	0.67				
06/29/21	3869.14	40.78	3828.92	0.67				
12/20/21	3869.14	40.56	3828.97	0.47				
05/26/22	3869.14	40.62	3828.82	0.36				
12/28/22	3869.14	40.76	3828.64	0.31				
06/13/23	3869.14	40.65	3828.68	0.23				
09/08/23	3869.14				Well not gauged or sampled.			
12/05/23	3869.14	40.88	3828.46	0.23				
06/02/24	3869.14	40.70	3,828.57	0.16				
Field Point MW-26	Well Screen Interval (feet): 30.00-45.00							
02/22/12	3867.59	37.28	3830.31	0.00	<0.00100	<0.00100	<0.00100	<0.00300
07/17/12	3868.98	37.90	3831.08	0.00	0.00177	<0.00100	<0.00100	<0.00300
10/03/12	3868.98	37.93	3831.05	0.00	0.00236	<0.00100	<0.00100	<0.00300
05/15/13	3868.98	38.37	3830.61	0.00	0.0153	<0.00017	<0.00019	<0.00018
01/29/14	3868.98	39.01	3829.97	0.00	0.0129	<0.00017	<0.00019	<0.00058
06/18/14	3868.98	39.30	3829.68	0.00	0.000672 J	<0.00017	<0.00019	<0.00038
11/19/14	3868.98	39.55	3829.43	0.00	0.0033	<0.00100	<0.00100	<0.002
12/08/15	3868.98	39.58	3829.40	0.00	<0.00100	<0.00100	<0.00100	<0.00300
04/27/16	3868.98	39.78	3829.20	0.00	0.0242	<0.00100	<0.00100	<0.00300
10/24/16	3868.98	39.81	3829.17	0.00				
10/25/16	3868.98				<0.00100	<0.00100	<0.00100	<0.00300
05/22/17	3868.98	39.86	3829.12	0.00				
05/24/17	3868.98				0.037	0.00023 J	<0.00050	0.00044 J
11/28/17	3868.98	39.95	3829.03	0.00				
11/29/17	3868.98				0.00061	<0.00050	0.00025 J	0.00046 J
07/17/18	3869.15	39.89	3829.26	0.00				
07/18/18	3869.15				0.12	0.0012 J	0.059	0.17
03/04/19	3869.15	40.60	3829.01	0.55				
10/01/19	3869.15	41.41	3829.01	1.53				
06/23/20	3869.15	41.60	3828.94	1.67				
12/14/20	3869.15	41.82	3828.77	1.74				
06/29/21	3869.15	42.01	3828.63	1.80				
12/20/21	3869.15	41.81	3828.73	1.67				
05/25/22	3869.15	42.10	3828.58	1.84				

TABLE 4
CUMULATIVE WATER LEVEL MEASUREMENTS AND GROUNDWATER ANALYSES

Gladiola Station
 Lea County, New Mexico

Date	Well Elev (feet)	GW Depth (feet)	GW Elev (feet)	NAPL (feet)	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Xylenes (mg/L)
NMED WQCC HHS					0.005	1	0.7	0.62
Field Point MW-26	Well Screen Interval (feet): 30.00-45.00							
12/28/22	3869.15	42.13	3828.51	1.80				
06/14/23	3869.15	42.18	3828.41	1.73				
09/08/23	3869.15	42.00	3828.36	1.46				
12/05/23	3869.15	40.66	3830.02	1.80				
06/01/24	3869.15	41.52	3,827.66	0.04				
Field Point MW-27	Well Screen Interval (feet): 35.00-50.00							
07/17/18	3869.12	39.63	3829.49	0.00				
07/19/18	3869.12	39.60	3829.52	0.00	<0.00050	0.00025 J	<0.00050	<0.00050
03/06/19	3869.12	39.85	3829.27	0.00	0.000083 J	<0.00050	<0.00050	<0.00050
10/01/19	3869.12	39.88	3829.24	0.00				
10/02/19	3869.12				<0.00050	<0.00050	<0.00050	<0.0010
06/23/20	3869.12	39.98	3829.14	0.00				
06/24/20	3869.12				<0.00050	<0.00050	<0.00050	<0.0010
12/14/20	3869.12	40.05	3829.07	0.00				
12/15/20	3869.12				<0.00050	<0.00050	<0.00050	<0.0010
06/29/21	3869.12	40.25	3828.87	0.00				
06/30/21	3869.12				<0.00050	<0.00050	<0.00050	<0.0010
12/20/21	3869.12	40.16	3828.96	0.00				
12/21/21	3869.12				<0.00050	<0.00050	<0.00050	<0.0010
05/25/22	3869.12	40.33	3828.79	0.00	<0.00050	<0.00050	<0.00050	<0.0010
12/28/22	3869.12	40.38	3828.74	0.00				
12/29/22	3869.12				<0.00050	<0.00050	<0.00050	<0.0010
06/20/23	3869.12	40.53	3828.59	0.00	<0.00050	<0.00050	<0.00050	<0.0010
09/08/23	3869.12				Well not gauged or sampled.			
12/07/23	3869.12	40.54	3828.58	0.00	<0.00050	<0.00050	<0.00050	<0.0010
06/04/24	3869.12	40.56	3,828.56	0.00	<0.00050	<0.00050	<0.00050	<0.0010
Field Point MW-28	Well Screen Interval (feet): 35.00-50.00							
07/17/18	3869.32	39.65	3829.67	0.00				
07/19/18	3869.32				<0.00050	0.00025 J	<0.00050	<0.00050
03/05/19	3869.32	41.00	3828.32	0.00	<0.00050	<0.00050	<0.00050	<0.00050
10/01/19	3869.32	39.89	3829.43	0.00				
10/02/19	3869.32				<0.00050	<0.00050	<0.00050	<0.0010
06/23/20	3869.32	39.99	3829.33	0.00				
06/24/20	3869.32				<0.00050	<0.00050	<0.00050	<0.0010
12/14/20	3869.32	40.06	3829.26	0.00				
12/15/20	3869.32				<0.00050	<0.00050	<0.00050	<0.0010
06/29/21	3869.32	40.26	3829.06	0.00				
06/30/21	3869.32				<0.00050	<0.00050	<0.00050	<0.0010
12/20/21	3869.32	40.11	3829.21	0.00				
12/21/21	3869.32				<0.00050	<0.00050	<0.00050	<0.0010
05/25/22	3869.32	40.40	3828.92	0.00	<0.00050	<0.00050	<0.00050	<0.0010
12/28/22	3869.32	40.36	3828.96	0.00				
12/29/22	3869.32				<0.00050	<0.00050	<0.00050	<0.0010
06/20/23	3869.08	40.51	3828.57	0.00	<0.00050	<0.00050	<0.00050	<0.0010
09/08/23	3869.32				Well not gauged or sampled.			
12/06/23	3869.32	40.60	3828.72	0.00	0.00039 J	<0.00050	<0.00050	<0.0010

TABLE 4
CUMULATIVE WATER LEVEL MEASUREMENTS AND GROUNDWATER ANALYSES

Gladiola Station
 Lea County, New Mexico

Date	Well Elev (feet)	GW Depth (feet)	GW Elev (feet)	NAPL (feet)	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Xylenes (mg/L)
NMED WQCC HHS					0.005	1	0.7	0.62
Field Point MW-28	Well Screen Interval (feet): 35.00-50.00							
06/04/24	3869.32	40.58	3,828.74	0.00	<0.00050	<0.00050	<0.00050	<0.0010
Field Point MW-29	Well Screen Interval (feet): 35.00-50.00							
07/17/18	3869.36	39.52	3829.84	0.00				
07/19/18	3869.36	39.47	3829.89	0.00	<0.00050	<0.00050	<0.00050	<0.00050
03/05/19	3869.36	39.89	3829.47	0.00	<0.00050	<0.00050	<0.00050	<0.00050
10/01/19	3869.36	39.70	3829.66	0.00				
10/02/19	3869.36				<0.00050	<0.00050	<0.00050	<0.0010
06/23/20	3869.36	39.83	3829.53	0.00				
06/24/20	3869.36				<0.00050	<0.00050	<0.00050	<0.0010
12/14/20	3869.36	39.88	3829.48	0.00				
12/15/20	3869.36				<0.00050	<0.00050	<0.00050	<0.0010
06/29/21	3869.36	40.08	3829.28	0.00				
06/30/21	3869.36				<0.00050	<0.00050	<0.00050	<0.0010
12/20/21	3869.36	40.01	3829.35	0.00				
12/21/21	3869.36				<0.00050	<0.00050	<0.00050	<0.0010
05/24/22	3869.36	40.07	3829.29	0.00	<0.00050	<0.00050	<0.00050	<0.0010
12/28/22	3869.36	40.16	3829.20	0.00				
12/29/22	3869.36				<0.00050	<0.00050	<0.00050	<0.0010
06/20/23	3869.36	40.34	3829.02	0.00	<0.00050	<0.00050	<0.00050	<0.0010
09/08/23	3869.36				Well not gauged or sampled.			
12/06/23	3869.36	40.39	3828.97	0.00	<0.00050	<0.00050	<0.00050	<0.0010
06/04/24	3869.36	40.45	3,828.91	0.00	<0.00050	<0.00050	<0.00050	<0.0010
Field Point MW-30	Well Screen Interval (feet): 35.00-50.00							
07/17/18	3869.10	39.10	3830.00	0.00				
07/19/18	3869.10				<0.00050	0.00025 J	<0.00050	<0.00050
03/05/19	3869.10	39.44	3829.66	0.00	<0.00050	<0.00050	<0.00050	<0.00050
10/01/19	3869.10	39.39	3829.71	0.00				
10/02/19	3869.10				<0.00050	<0.00050	<0.00050	<0.0010
06/23/20	3869.10	39.52	3829.58	0.00				
06/24/20	3869.10				<0.00050	<0.00050	<0.00050	<0.0010
12/14/20	3869.10	39.57	3829.53	0.00				
12/15/20	3869.10				<0.00050	<0.00050	<0.00050	<0.0010
06/29/21	3869.10	39.77	3829.33	0.00				
06/30/21	3869.10				<0.00050	<0.00050	<0.00050	<0.0010
12/20/21	3869.10	39.68	3829.42	0.00				
12/21/21	3869.10				<0.00050	<0.00050	<0.00050	<0.0010
05/24/22	3869.10	39.75	3829.35	0.00	<0.00050	<0.00050	<0.00050	<0.0010
12/28/22	3869.10	39.85	3829.25	0.00				
12/29/22	3869.10				<0.00050	<0.00050	<0.00050	<0.0010
06/20/23	3869.10	40.04	3829.06	0.00	<0.00050	<0.00050	<0.00050	<0.0010
09/08/23	3869.10				Well not gauged or sampled.			
12/06/23	3869.10	40.09	3829.01	0.00	<0.00050	<0.00050	<0.00050	<0.0010
06/03/24	3869.10	40.09	3,829.01	0.00	<0.00050	<0.00050	<0.00050	<0.0010
Field Point MW-31	Well Screen Interval (feet): 35.00-50.00							
07/17/18	3869.05	39.90	3829.15	0.00				
07/19/18	3869.05				<0.00050	0.00039 J	<0.00050	0.0010

TABLE 4
CUMULATIVE WATER LEVEL MEASUREMENTS AND GROUNDWATER ANALYSES

Gladiola Station
 Lea County, New Mexico

Date	Well Elev (feet)	GW Depth (feet)	GW Elev (feet)	NAPL (feet)	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Xylenes (mg/L)
NMED WQCC HHS					0.005	1	0.7	0.62
Field Point MW-31	Well Screen Interval (feet): 35.00-50.00							
03/07/19	3869.05	40.16	3828.89	0.00	0.00044 J	<0.00050	0.00065	0.0019 J
10/01/19	3869.05	40.18	3828.87	0.00				
10/03/19	3869.05				0.00011 J	<0.00050	0.00013 J	<0.0010
06/23/20	3869.05	40.25	3828.80	0.00				
06/25/20	3869.05				<0.00050	<0.00050	0.00028 J	<0.0010
12/14/20	3869.05	40.32	3828.73	0.00				
12/16/20	3869.05				0.00045 J	<0.00050	0.00039 J	<0.0010
06/29/21	3869.05	40.50	3828.55	0.00				
07/01/21	3869.05				<0.00050	<0.00050	<0.00050	<0.0010
12/20/21	3869.05	40.44	3828.61	0.00				
12/22/21	3869.05				<0.00050	<0.00050	<0.00050	<0.0010
05/25/22	3869.05	40.61	3828.44	0.00	0.00021 J	<0.00050	<0.00050	<0.0010
12/28/22	3869.05	40.64	3828.41	0.00				
12/30/22	3869.05				0.00022 J	<0.00050	<0.00050	<0.0010
06/20/23	3869.05	40.76	3828.29	0.00				
06/21/23	3869.05				<0.00050	<0.00050	<0.00050	<0.0010
09/08/23	3869.05	40.77	3828.28	0.00				
12/06/23	3869.05	40.84	3828.21	0.00	<0.00050	<0.00050	<0.00050	<0.0010
06/03/24	3869.05	40.86	3,828.19	0.00	<0.00050	<0.00050	<0.00050	<0.0010
Field Point MW-32	Well Screen Interval (feet): 35.00-50.00							
07/17/18	3870.35	41.28	3829.07	0.00				
07/19/18	3870.35				0.0041	0.00022 J	0.00042 J	0.012
03/06/19	3870.35	41.26	3829.09	0.00	0.0020	0.00012 J	0.00017 J	0.00048 J B
10/01/19	3870.35	41.55	3828.80	0.00				
10/03/19	3870.35				0.0012	<0.00050	<0.00050	<0.0010
06/23/20	3870.35	41.63	3828.72	0.00				
06/24/20	3870.35				0.00097	<0.00050	<0.00050	<0.0010
12/14/20	3870.35	41.69	3828.66	0.00				
12/16/20	3870.35				0.00087	<0.00050	<0.00050	<0.0010
06/29/21	3870.35	41.89	3828.46	0.00				
06/30/21	3870.35				0.00097	<0.00050	<0.00050	<0.0010
12/20/21	3870.35	41.81	3828.54	0.00				
12/21/21	3870.35				0.00071	<0.00050	<0.00050	<0.0010
05/25/22	3870.35	41.99	3828.36	0.00	0.00073	<0.00050	<0.00050	<0.0010
12/28/22	3870.35	42.01	3828.34	0.00				
12/29/22	3870.35				0.00079	<0.00050	0.00032 J	<0.0010
06/20/23	3870.19	42.13	3828.06	0.00	0.00077	<0.00050	<0.00050	<0.0010
06/22/23	3870.19							
09/08/23	3870.19	42.14	3828.05	0.00				
12/05/23	3870.19	42.30	3827.89	0.00	0.00055	<0.00050	<0.00050	<0.0010
06/03/24	3870.19	42.19	3,828.00	0.00	0.00055	<0.00050	<0.00050	<0.0010
Field Point MW-33	Well Screen Interval (feet): 33.00-53.00							
06/22/23	3869.17	41.02	3828.15	0.00	<0.00050	<0.00050	<0.00050	<0.0010
09/06/23	3869.17	41.05	3828.12	0.00	<0.00050	<0.00050	<0.00050	<0.0010
12/05/23	3869.17	41.25	3827.92	0.00	<0.00050	<0.00050	<0.00050	<0.0010
06/03/24	3869.17	41.19	3,827.98	0.00	<0.00050	<0.00050	<0.00050	<0.0010

TABLE 4
CUMULATIVE WATER LEVEL MEASUREMENTS AND GROUNDWATER ANALYSES

Gladiola Station
Lea County, New Mexico

Date	Well Elev (feet)	GW Depth (feet)	GW Elev (feet)	NAPL (feet)	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Xylenes (mg/L)
NMED WQCC HHS					0.005	1	0.7	0.62
Field Point MW-34	Well Screen Interval (feet): 33.00-53.00							
06/22/23	3869.35	41.39	3827.96	0.00	<0.00050	<0.00050	<0.00050	<0.0010
09/06/23	3869.35	41.45	3827.90	0.00	<0.00050	<0.00050	<0.00050	<0.0010
12/05/23	3869.35	41.55	3827.80	0.00	<0.00050	<0.00050	<0.00050	<0.0010
06/03/24	3869.35	41.44	3,827.91	0.00	<0.00050	<0.00050	<0.00050	<0.0010
Field Point MW-35	Well Screen Interval (feet): 33.00-53.00							
06/22/23	3869.00	41.48	3827.52	0.00	<0.00050	<0.00050	<0.00050	<0.0010
09/06/23	3869.00	41.46	3827.54	0.00	0.00016 J	<0.00050	<0.00050	<0.0010
12/05/23	3869.00	41.54	3827.46	0.00	<0.00050	<0.00050	<0.00050	<0.0010
06/03/24	3869.00	41.46	3,827.54	0.00	<0.00050	<0.00050	<0.00050	<0.0010
Field Point MW-36	Well Screen Interval (feet): 33.00-53.00							
06/20/23	3869.23	40.84	3828.39	0.00	<0.00050	<0.00050	<0.00050	<0.0010
09/06/23	3869.23	40.90	3828.33	0.00	<0.00050	<0.00050	<0.00050	<0.0010
12/05/23	3869.23	40.98	3828.25	0.00	<0.00050	<0.00050	<0.00050	<0.0010
06/03/24	3869.23	40.98	3,828.25	0.00	<0.00050	<0.00050	<0.00050	<0.0010
Field Point MW-37	Well Screen Interval (feet): 33.00-53.00							
06/23/23	3867.91	39.05	3828.86	0.00	<0.00050	<0.00050	<0.00050	<0.0010
09/06/23	3867.91	39.10	3828.81	0.00	<0.00050	<0.00050	<0.00050	<0.0010
12/06/23	3867.91	39.19	3828.72	0.00	<0.00050	<0.00050	<0.00050	<0.0010
06/03/24	3867.91	39.20	3,828.71	0.00	<0.00050	<0.00050	<0.00050	<0.0010
Field Point MW-38	Well Screen Interval (feet): 33.00-53.00							
06/22/23	3867.70	35.86	3831.84	0.00	<0.00050	<0.00050	<0.00050	<0.0010
09/06/23	3867.70	39.00	3828.70	0.00	<0.00050	<0.00050	<0.00050	<0.0010
12/06/23	3867.70	39.07	3828.63	0.00	<0.00050	<0.00050	<0.00050	<0.0010
06/03/24	3867.70	39.10	3,828.60	0.00	<0.00050	<0.00050	<0.00050	<0.0010
Field Point MW-39	Well Screen Interval (feet): 28.00-50.00							
03/28/24	3868.69	40.56	3,828.13	0.00	(g)	(g)	(g)	(g)
06/03/24	3868.69	40.60	3,828.09	0.00	<0.00050	<0.00050	<0.00050	<0.0010
Field Point SB-1GW	Grab Groundwater Sample							
10/28/11					0.00719	<0.00100	<0.00100	<0.00300
Field Point SB-2GW	Grab Groundwater Sample							
10/28/11					1.88	0.0938	0.138	0.26
Field Point SB-3GW	Grab Groundwater Sample							
10/28/11					1.94	2.42	0.986	2.27
Field Point SB-4GW	Grab Groundwater Sample							
10/28/11					3.91	0.0703	0.587	1.15
Field Point SB-5GW	Grab Groundwater Sample							
10/28/11					2.9	0.024	0.034	0.218
Field Point SB-6GW	Grab Groundwater Sample							
10/28/11					0.00133	<0.00100	0.00168	<0.00300
Field Point SB-7GW	Grab Groundwater Sample							
10/28/11					0.135	0.00135	0.0263	0.0759

TABLE 4
CUMULATIVE WATER LEVEL MEASUREMENTS AND GROUNDWATER ANALYSES

Gladiola Station
 Lea County, New Mexico

Notes:

Bolded values equal or exceed applicable regulatory limits.

Total naphthalene is the sum of 1-methylnaphthalene, 2-methylnaphthalene, and naphthalene.

ELEV = Elevation. Elevations are adjusted for NAPL thickness using a relative density of 0.83.

GW = Groundwater.

NAPL = Non-aqueous phase liquid.

NMED WQCC = New Mexico Environmental Department Water Quality Control Commission.

DWS = Other Standards for Domestic Water Supply with 10,000 mg/l TDS or less (20.6.2.3103 NMAC).

HHS = Human Health Standard for groundwater with 10,000 mg/l TDS or less (20.6.2.3103 NMAC).

IU = Irrigation Use Standard for groundwater with 10,000 mg/l TDS or less (20.6.2.3103 NMAC).

TDS = Total dissolved solids.

mg/L = Milligrams per liter.

BDL = Below laboratory detection limits.

< = Not detected at or above stated laboratory reporting limit.

A-01 = Could not obtain constant weight.

B = Analyte reported in associated method or trip blank.

D = Duplicate.

H = Analyzed outside the recommended hold time.

J = Estimated value between method detection limit and practical quantitation limit.

R1 = The relative percent difference between the primary and confirmatory analysis exceeded 40%; the higher value was reported.

R10 = The relative percent difference between the primary and confirmatory analysis exceeded 40%; the lower value was reported due to apparent chromatographic problems.

R12 = The relative percent difference between the primary and confirmatory analysis exceeded 40%; the lower value was reported.

X = Pre-purge/no-purge sample.

(a) = Analyzed by EPA Method 8310.

(b) = Analyzed by EPA Method 8260B.

(c) = Analyzed method unknown.

(d) = Analyzed to determine the presense of NAPL.

(e) = Insufficient water to purge.

(f) = DTW measured in the field indicates less than 6 inches of water in the well, which is not representative of the actual groundwater table. Groundwater elevation not calculated, data not used to compile groundwater elevation map.

(g) = Insufficient containers for analysis.

TABLE 5 CUMULATIVE GROUNDWATER ANALYTICAL RESULTS FOR PAHS Gladiola Station Lea County, New Mexico																			
Date	Acenaphthene (mg/L)	Acenaphthylene (mg/L)	Anthracene (mg/L)	Benzo(a)anthracene (mg/L)	Benzo(a)pyrene (mg/L)	Benzo(b)fluoranthene (mg/L)	Benzo(g,h,i)perylene (mg/L)	Benzo(k)fluoranthene (mg/L)	Chrysene (mg/L)	Dibenz(a,h)anthracene (mg/L)	Fluoranthene (mg/L)	Fluorene (mg/L)	Indeno(1,2,3-cd)pyrene (mg/L)	Phenanthrene (mg/L)	Pyrene (mg/L)	Naphthalene (mg/L)	1-Methylnaphthalene (mg/L)	2-Methylnaphthalene (mg/L)	Total Naphthalene (mg/L)
NMED WQCC HHS	NA	NA	NA	NA	0.0007	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.03
Field Point MW-1	Well Screen Interval (feet): 22.71-42.71																		
07/24/06	<0.00101	<0.00101	0.141	0.0165	0.00260	0.000971	<0.000202	0.00128	0.0111	<0.000202	0.0788	0.00614	<0.000202	0.00434	0.0246	0.0639 (a)	0.194	0.109	0.3669
02/08/07	<0.00105	<0.00526	<0.00526	0.00603	<0.000105	0.00267	<0.000211	0.000886	0.00615	0.0104	0.153	0.0153	<0.000211	0.0489	0.0493	0.139 (a)	0.178	0.300	0.6170
09/26/08	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	0.0553	0.0400	0.0522	0.1475
05/19/09	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	0.0461	0.0313	0.0403	0.1177
08/19/09	<0.0200	<0.100	0.0871 R12	0.162 R1	<0.00200	0.0369	0.0358 R1	0.0321 R1	0.323	0.0550 R1	1.660 R1	0.0895	0.0210	1.620 R1	1.470 R1	0.627 (c)	3.940 R1	1.940	6.507 R1
10/30/09	<0.00100	<0.00500	<0.00100	<0.000200	<0.000100	<0.000100	<0.000200	<0.000140	0.000992	<0.000200	0.00634 R1	0.00163	<0.000200	0.0132 R1	0.00554 R1	0.0746 (c)	0.118 R1	0.0573	0.250 R1
10/12/11	<0.0000952	<0.0000952	<0.0000952	<0.0000952	<0.0000952	<0.0000952	<0.0000952	<0.0000952	<0.0000952	<0.0000952	<0.0000952	0.000476	<0.0000952	<0.0000952	<0.0000952				
Field Point MW-2	Well Screen Interval (feet): 27.59-47.59																		
07/25/06	<0.000939	<0.00217	0.228	0.0300	0.00533	0.0173	0.000665	0.00101	0.0420	0.00186	0.155	0.00823	<0.000188	0.0603	0.0333	0.0211 (a)	0.163	0.0696	0.2537
02/08/07	<0.00109	<0.00543	0.142	0.0128	<0.000109	0.00297	<0.000217	0.00150	0.00802	0.0156	0.0491	0.0174	<0.000217	0.232	0.075	0.0208 (a)	0.258	0.238	0.5168
09/26/08	<0.0971	<0.0971	<0.0971	<0.0971	<0.0971	<0.0971	<0.0971	<0.0971	<0.0971	<0.0971	<0.0971	<0.0971	<0.0971	<0.0971	<0.0971	0.117	0.201	0.287	0.0484
08/19/09	<0.00513	<0.0256	0.0783 R12	0.157	<0.000513	0.0318 R1	0.0357 R1	0.0269 R1	0.311	0.0530 R1	0.673 R1	0.0992	0.0216	1.660 R1	1.410 R1	0.730 (c)	5.070 R1	2.750	8.550 R1
10/30/09	<0.00100	<0.00500	<0.00100	0.00507 R1	0.000684 R1	0.00124 R1	0.00133 R1	0.00166 R1	0.0104	0.00390 R1	0.0400 R1	0.00407	<0.000200	0.0382 R1	0.0545 R1	0.0514 (c)	0.0975 R1	0.0781	0.227 R1
Field Point MW-3	Well Screen Interval (feet): 24.20-44.20																		
07/24/06	<0.00106	<0.00106	0.127	0.0160	0.00245	0.000869	<0.000213	0.00131	0.0113	<0.000213	0.0772	0.00575	<0.000213	0.0357	0.0182	0.0315 (a)	0.161	0.0752	0.2677
02/08/07	<0.00111	<0.00556	0.0914	0.00885	0.00172	0.00209	<0.000222	0.00121	0.00849	0.0136	0.0437	0.012	<0.000222	0.191	0.0557	0.053 (a)	0.220	0.255	0.5280
09/26/08	<0.0105	<0.0105	<0.0105	<0.0105	<0.0105	<0.0105	<0.0105	<0.0105	<0.0105	<0.0105	<0.0105	<0.0105	<0.0105	<0.0105	<0.0105	0.0146	0.0154	0.0162	0.0462
05/19/09	<0.0105	<0.0105	<0.0105	<0.0105	<0.0105	<0.0105	<0.0105	<0.0105	<0.0105	<0.0105	<0.0105	<0.0105	<0.0105	<0.0105	<0.0105	0.0164	0.0199	0.0215	0.0578
08/19/09	<0.00103	<0.00513	0.00966 R12	0.0234 R1	0.00225 R1	0.00490 R1	0.00422 R1	0.00416 R1	0.0461	0.00630 R1	0.0907 R1	0.00825	0.00271	0.146 R1	0.161 R1	0.0353 R1 (c)	0.245	0.0885	0.3688 R1
10/30/09	<0.000990	<0.00495	0.00168 R12	0.00741 R1	0.000418 R1	0.00208 R1	0.00254 R1	0.00286 R1	0.0147	0.00554 R1	0.0537 R1	0.00478	<0.000198	0.0451 R1	0.0738 R1	0.00943 (c)	0.153 R1	0.0482	0.211 R1
12/16/20	<0.00095	<0.00095	<0.00095	<0.00095	<0.00095	<0.00095	<0.00095	<0.00095	<0.00095	<0.00095	<0.00095	0.0013	<0.00095	0.0011	<0.00095	0.046	0.026	0.030	0.102
07/01/21	<0.00019	0.000072 J	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	0.00083	<0.00019	0.00055	<0.00019	0.033	0.015	0.017	0.065
12/22/21	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	0.0011	<0.00019	0.00061	<0.00019	0.039	0.017	0.021	0.077
05/26/22	<0.00038	<0.00038	<0.00038	<0.00038	<0.00038	<0.00038	<0.00038	<0.00038	<0.00038	<0.00038	<0.00038	0.00092	<0.00038	0.00089	<0.00038	0.036	0.022	0.026	0.084
12/30/22	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	0.0017	<0.00020	0.0021	0.00012 J	0.037	0.026	0.033	0.096
06/21/23	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	0.00048	<0.00019	0.00047	<0.00019	0.022	0.012	0.014	0.048
06/21/23 D	0.00066	0.00083	<0.00019	<0.00019	0.000097 J	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	0.00065	<0.00019	0.00061	<0.00019	0.025	0.014	0.017	0.056
12/07/23	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	0.000060 J	<0.00019	<0.00019	0.00043	<0.00019	0.00029	<0.00019	0.022	0.010	0.012	0.044
06/04/24	0.00013 J	<0.00021	<0.00021	<0.00021	<0.00021	<0.00021	<0.00021	<0.00021	<0.00021	<0.00021	<0.00021	0.00069	<0.00021	0.00038	<0.00021	0.034	0.017	0.019	0.070
Field Point MW-4	Well Screen Interval (feet): 23.97-38.97																		
07/25/06	<0.000939	0.0026	<0.000939	<0.000188	<0.0000939	<0.0000939	<0.000188	<0.000131	<0.0000939	<0.000188	<0.000188	0.000947	<0.000188	<0.000469	<0.000188	0.0227 (a)	0.0373	0.0286	0.0886
02/07/07	<0.00104	<0.00521	<0.00104	<0.000208	<0.000104	<0.000104	<0.000208	<0.000146	<0.000104	<0.000208	0.0168	0.0023	<0.000208	0.00901	0.0117	0.027 (a)	0.0553	0.147	0.2293
04/15/08	<0.00990	<0.00990	<0.00990	<0.00990	<0.00990	<0.00990	<0.00990	<0.00990	<0.00990	<0.00990	<0.00990	<0.00990	<0.00990	<0.00990	<0.00990	0.0406	0.0320	0.0428	0.1154
09/26/08	<0.00980	<0.00980	<0.00980	<0.00980	<0.00980	<0.00980	<0.00980	<0.00980	<0.00980	<0.00980	<0.00980	<0.00980	<0.00980	<0.00980	<0.00980	0.0397	0.0271	0.0392	0.1060
05/19/09	<0.0526	<0.0526	<0.0526	<0.0526	<0.0526	<0.0526	<0.0526	<0.0526	<0.0526	<0.0526	<0.0526	<0.0526	<0.0526	<0.0526	<0.0526	<0.0526	<0.0526	<0.0526	<0.1578
08/19/09	<0.000971	<0.00485	<0.000971	<0.000194	<0.0000971	<0.0000971	<0.000194	<0.000136	0.00217	<0.000194	0.00365 R1	0.00126	0.000459 R1	0.0143 R1	0.00854 R1	0.0369 (c)	0.0578	0.0509	0.1456
10/30/09	<0.000990	<0.00495	<0.000990	0.0124 R1	<0.000099	0.00316 R1	0.00467 R1	0.00399 R1	0.00447	0.00919 R1	0.103 R1	0.0092	<0.000198	0.0949 R1	0.158 R1	0.0645 (c)	0.311 R1	0.163	0.539 R1
Field Point MW-5	Well Screen Interval (feet): 27.19-47.19																		
07/20/06	<0.00472	0.00565	<0.000943	<0.000189	<0.0000943	<0.0000943	<0.000189	<0.000132	0.000356	<0.000189	0.00309	<0.000472	<0.000189	0.00483	<0.000189	0.0589 (a)	0.0914	0.0563	0.2066

TABLE 5
CUMULATIVE GROUNDWATER ANALYTICAL RESULTS FOR PAHs
Gladiola Station
Lea County, New Mexico

Date	Acenaphthene (mg/L)	Acenaphthylene (mg/L)	Anthracene (mg/L)	Benzo(a)anthracene (mg/L)	Benzo(a)pyrene (mg/L)	Benzo(b)fluoranthene (mg/L)	Benzo(g,h,i)perylene (mg/L)	Benzo(k)fluoranthene (mg/L)	Chrysene (mg/L)	Dibenz(a,h)anthracene (mg/L)	Fluoranthene (mg/L)	Fluorene (mg/L)	Indeno(1,2,3-cd)pyrene (mg/L)	Phenanthrene (mg/L)	Pyrene (mg/L)	Naphthalene (mg/L)	1-Methylnaphthalene (mg/L)	2-Methylnaphthalene (mg/L)	Total Naphthalene (mg/L)
NMED WQCC HHS	NA	NA	NA	NA	0.0007	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.03
Field Point MW-5	Well Screen Interval (feet): 27.19-47.19																		
02/07/07	<0.00118	<0.00588	0.0113	<0.000235	<0.000118	<0.000118	<0.000235	<0.000165	<0.000118	<0.000235	0.00227	0.00233	<0.000235	0.0075	0.0037	0.117 (a)	0.105	0.218	0.4400
04/15/08	<0.00990	<0.00990	<0.00990	<0.00990	<0.00990	<0.00990	<0.00990	<0.00990	<0.00990	<0.00990	<0.00990	<0.00990	<0.00990	<0.00990	<0.00990	0.0693	0.0451	0.0547	0.1691
09/26/08	<0.0962	<0.0962	<0.0962	<0.0962	<0.0962	<0.0962	<0.0962	<0.0962	<0.0962	<0.0962	<0.0962	<0.0962	<0.0962	<0.0962	<0.0962	0.074	0.0443	0.605	0.1671
05/19/09	<0.0526	<0.0526	<0.0526	<0.0526	<0.0526	<0.0526	<0.0526	<0.0526	<0.0526	<0.0526	<0.0526	<0.0526	<0.0526	<0.0526	<0.0526	0.0873	0.0573	0.0676	0.2122
08/19/09	<0.000971	<0.00485	<0.000971	<0.000194	<0.0000971	<0.0000971	<0.000194	<0.000136	0.000639	<0.000194	0.00253 R1	0.00241	<0.000194	0.0194 R1	0.00619 R1	0.105 (c)	0.189 R1	0.103	0.397
08/19/09 D	<0.000980	<0.00490	<0.000980	<0.000196	<0.0000980	0.000191 R1	<0.000196	<0.000137	0.000994	<0.000196	0.00269 R1	0.00206 R1	<0.000196	0.0192 R1	0.00682 R1	0.0954 (c)	0.171 R1	0.0707	0.3371 R1
10/30/09	<0.00102	<0.00510	<0.00102	<0.000204	<0.000102	<0.000102	<0.000204	<0.000143	0.000313	<0.000204	0.00349 R1	0.00213	<0.000204	0.0127 R1	0.00378 R1	0.0191 (c)	0.0375 R12	0.0641	0.121 R12
10/12/11	0.000367	0.000178	0.000144	0.000122	0.000111	<0.000111	<0.000111	<0.000111	<0.000111	<0.000111	<0.000111	0.00167	<0.000111	0.00146	0.000111	0.0402 (b)	0.0216	0.0287	0.0905
07/17/12	<0.00190	<0.00190	<0.00190	<0.00190	<0.00190	<0.00190	<0.00190	<0.00190	<0.00190	<0.00190	<0.00190	0.00202	<0.00190	<0.00190	<0.00190	0.0558	0.0229	0.0248	0.1035
07/17/12 D	<0.00190	<0.00190	0.00214	<0.00190	<0.00190	<0.00190	<0.00190	<0.00190	<0.00190	<0.00190	0.00218	<0.00190	<0.00190	0.00214	<0.00190	0.0568	0.0245	0.0270	0.1083
10/03/12	<0.00196	<0.00196	<0.00196	<0.00196	<0.00196	<0.00196	<0.00196	<0.00196	<0.00196	<0.00196	<0.00196	0.00253	<0.00196	0.00241	<0.00196	0.0771	0.0296	0.0310	0.1377
10/03/12 D	<0.00189	<0.00189	<0.00189	<0.00189	<0.00189	<0.00189	<0.00189	<0.00189	<0.00189	<0.00189	<0.00189	0.00249	<0.00189	0.00218	<0.00189	0.0833	0.0265	0.0299	0.1397
Field Point MW-6	Well Screen Interval (feet): 27.05-42.05																		
07/21/06	<0.00467	<0.000943	<0.000943	<0.000189	<0.0000943	<0.0000943	<0.000189	<0.000132	<0.0000943	<0.000189	<0.000189	<0.000472	<0.000189	<0.000472	<0.000189	<0.000943 (a)	<0.000943	0.00641	0.006410
02/07/07	<0.00111	<0.00556	<0.00111	<0.000222	<0.000111	<0.000111	<0.000222	<0.000156	<0.000111	<0.000222	<0.000222	0.000637	<0.000222	<0.000556	<0.000222	<0.00111 (a)	<0.00111	<0.00111	<0.00333
04/15/08	<0.00990	<0.00990	<0.00990	<0.00990	<0.00990	<0.00990	<0.00990	<0.00990	<0.00990	<0.00990	<0.00990	<0.00990	<0.00990	<0.00990	<0.00990	<0.00990	<0.00990	<0.00990	<0.02970
09/26/08	<0.00943	<0.0962	<0.0962	<0.0962	<0.0962	<0.0962	<0.0962	<0.0962	<0.0962	<0.0962	<0.0962	<0.0962	<0.0962	<0.0962	<0.0962	<0.00943	<0.00943	<0.00943	<0.02829
05/18/09	<0.00952	<0.00952	<0.00952	<0.00952	<0.00952	<0.00952	<0.00952	<0.00952	<0.00952	<0.00952	<0.00952	<0.00952	<0.00952	<0.00952	<0.00952	<0.00952	<0.00952	<0.00952	<0.02856
08/19/09	<0.00100	<0.00500	<0.00100	<0.000200	<0.000100	<0.000100	<0.000200	<0.000140	<0.000100	<0.000200	<0.000200	<0.000500	<0.000200	<0.000500	<0.000200	<0.00100 (c)	<0.00100	<0.00100	<0.00300
11/19/09	<0.000980	<0.00490	<0.000980	<0.000196	<0.0000980	<0.0000980	<0.000196	<0.000137	<0.0000980	<0.000196	<0.000196	<0.000490	<0.000196	<0.000490	<0.0000196	<0.000980	<0.000980	<0.000980	BDL
10/13/11	<0.0000962	<0.0000962	<0.0000962	<0.0000962	<0.0000962	<0.0000962	<0.0000962	<0.0000962	<0.0000962	<0.0000962	<0.0000962	<0.0000962	<0.0000962	<0.0000962	<0.0000962	<0.0000962	<0.0000962	<0.0000962	<0.0000962
07/17/12	<0.00190	<0.00190	<0.00190	<0.00190	<0.00190	<0.00190	<0.00190	<0.00190	<0.00190	<0.00190	<0.00190	<0.00190	<0.00190	<0.00190	<0.00190	<0.00500	<0.00190	<0.00190	<0.00500
10/03/12	<0.00189	<0.00189	<0.00189	<0.00189	<0.00189	<0.00189	<0.00189	<0.00189	<0.00189	<0.00189	<0.00189	0.00189	<0.00189	<0.00189	<0.00189	<0.00500	<0.00189	<0.00189	<0.00500
05/15/13	<0.0000187	<0.0000374	<0.0000187	<0.0000187	<0.0000187	<0.0000187	<0.000028	<0.0000187	<0.0000187	<0.0000187	<0.0000374	0.0002	<0.0000187	0.0000764 J	<0.0000561	0.0000629 J	<0.00000935	<0.00000935	0.0000629 J
01/28/14	0.0000215 J	<0.0000282	<0.0000282	<0.0000188	<0.0000188	<0.0000188	<0.0000188	<0.0000188	<0.0000188	<0.0000188	<0.0000282	0.000178	<0.0000188	0.0000523 J	<0.0000188	0.0000523 J	<0.0000188	<0.0000282	0.0000993
06/18/14	0.0000949	<0.0000284	<0.0000284	<0.000019	<0.000019	<0.000019	<0.000019	<0.000019	<0.000019	<0.000019	<0.0000284	0.0000517 J	<0.000019	0.0000518 J	<0.000019	0.000634	0.000239 B	0.000355 B	0.001228 B
11/19/14	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	0.00014	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001
12/08/15	<0.0000952	<0.0000952	<0.0000952	<0.0000952	<0.0000952	<0.0000952	<0.0000952	<0.0000952	<0.0000952	<0.0000952	<0.0000952	0.000168	<0.0000952	<0.0000952	<0.0000952	<0.0000952	<0.0000952	<0.0000952	<0.0002856
04/26/16	<0.0000952	<0.0000952	<0.0000952	<0.0000952	<0.0000952	<0.0000952	<0.0000952	<0.0000952	<0.0000952	<0.0000952	<0.0000952	0.000101	<0.0000952	<0.0000952	<0.0000952	<0.0000952	<0.0000952	<0.0000952	<0.0002856
05/24/17	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00038
11/29/17	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	0.00017 J	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019
07/20/18	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019
03/07/19	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020
07/01/21	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020
12/22/21	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019
05/26/22	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019
12/29/22	0.0025	<0.00020	<0.00020	0.00015 J	<0.00020	0.00015 J	<0.00020	<0.00020	0.0014	<0.00020	<0.00020	0.0029	<0.00020	0.0041	0.00043	<0.00020	0.0029	0.00043	0.00333
12/07/23	<0.00040	<0.00040	<0.00040	<0.00040	<0.00040	<0.00040	<0.00040	<0.00040	0.0023	<0.00040	<0.00040	0.0027	<0.00040	0.0037	<0.00040	<0.00040	0.0018	<0.00040	0.0018
06/04/24	0.0013	0.00086	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	0.0038	<0.00019	<0.00019	0.0033	<0.00019	0.0057	0.0012	0.00079	0.0015	0.0013	0.00359

TABLE 5 CUMULATIVE GROUNDWATER ANALYTICAL RESULTS FOR PAHs Gladiola Station Lea County, New Mexico																			
Date	Acenaphthene (mg/L)	Acenaphthylene (mg/L)	Anthracene (mg/L)	Benzo(a)anthracene (mg/L)	Benzo(a)pyrene (mg/L)	Benzo(b)fluoranthene (mg/L)	Benzo(g,h,i)perylene (mg/L)	Benzo(k)fluoranthene (mg/L)	Chrysene (mg/L)	Dibenz(a,h)anthracene (mg/L)	Fluoranthene (mg/L)	Fluorene (mg/L)	Indeno(1,2,3-cd)pyrene (mg/L)	Phenanthrene (mg/L)	Pyrene (mg/L)	Naphthalene (mg/L)	1-Methylnaphthalene (mg/L)	2-Methylnaphthalene (mg/L)	Total Naphthalene (mg/L)
NMED WQCC HHS	NA	NA	NA	NA	0.0007	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.03
Field Point MW-7	Well Screen Interval (feet): 24.35-39.35																		
07/25/06	<0.000939	<0.000939	<0.000939	<0.000188	<0.0000939	<0.0000939	<0.000188	<0.000131	<0.0000939	<0.000188	<0.000188	<0.000469	<0.000188	<0.000469	<0.000188	0.00383 (a)	0.00855	0.00879	0.02117
02/07/07	<0.00109	<0.00543	<0.00109	<0.000217	<0.000109	<0.000109	<0.000217	<0.000152	<0.000109	<0.000217	<0.000217	0.000772	<0.000217	<0.000543	<0.000217	0.00284 (a)	0.0215	0.0150	0.03934
04/15/08	<0.00971	<0.00971	<0.00971	<0.00971	<0.00971	<0.00971	<0.00971	<0.00971	<0.00971	<0.00971	<0.00971	<0.00971	<0.00971	<0.00971	<0.00971	<0.00971	<0.00971	<0.00971	<0.02913
09/26/08	<0.00943	<0.00943	<0.00943	<0.00943	<0.00943	<0.00943	<0.00943	<0.00943	<0.00943	<0.00943	<0.00943	<0.00943	<0.00943	<0.00943	<0.00943	<0.00943	<0.00943	<0.00943	<0.02829
05/18/09	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0300
08/19/09	<0.00100	<0.00500	<0.00100	<0.000200	<0.000100	<0.000100	<0.000200	<0.000140	<0.000100	<0.000200	<0.000200	0.00135	<0.000200	<0.000500	0.000665	0.00227 (c)	0.00400	<0.00100	0.00627
10/30/09	<0.00100	<0.00500	<0.00100	<0.000200	<0.000100	<0.000100	<0.000200	<0.000140	<0.000100	<0.000200	<0.000200	0.00149	<0.000200	<0.000500	0.000609 R1	<0.00100 (c)	0.00873 R1	0.00372	0.0125 R1
10/13/11	0.000116	<0.000105	<0.000105	<0.000105	<0.000105	<0.000105	<0.000105	<0.000105	<0.000105	<0.000105	<0.000105	0.000547	<0.000105	0.000147	<0.000105	0.000537	0.000611	0.000558	0.001706
Field Point MW-8	Well Screen Interval (feet): 23.05-38.05																		
07/25/06	<0.000939	<0.000939	<0.000939	<0.000188	<0.0000939	<0.0000939	<0.000188	<0.000131	<0.0000939	<0.000188	<0.000188	<0.000469	<0.000188	<0.000469	<0.000188	<0.000939 (a)	0.00472	<0.000939	0.004720
02/07/07	<0.00104	<0.00521	<0.00104	<0.000208	<0.000104	<0.000104	<0.000208	<0.000146	<0.000104	<0.000208	<0.000208	<0.000521	<0.000208	<0.000521	<0.000208	<0.00104 (a)	0.0201	0.0113	0.03140
04/15/08	<0.00962	<0.00962	<0.00962	<0.00962	<0.00962	<0.00962	<0.00962	<0.00962	<0.00962	<0.00962	<0.00962	<0.00962	<0.00962	<0.00962	<0.00962	<0.00962	<0.00962	<0.00962	<0.02886
09/26/08	<0.00980	<0.00980	<0.00980	<0.00980	<0.00980	<0.00980	<0.00980	<0.00980	<0.00980	<0.00980	<0.00980	<0.00980	<0.00980	<0.00980	<0.00980	<0.00980	<0.00980	<0.00980	<0.02940
05/18/09	<0.00952	<0.00952	<0.00952	<0.00952	<0.00952	<0.00952	<0.00952	<0.00952	<0.00952	<0.00952	<0.00952	<0.00952	<0.00952	<0.00952	<0.00952	<0.00952	<0.00952	<0.00952	<0.02856
08/19/09	<0.00103	<0.00513	<0.00103	<0.000205	<0.000103	<0.000103	<0.000205	<0.000144	<0.000103	<0.000205	<0.000205	0.00101	<0.000205	<0.000513	0.000657	<0.00103 (c)	0.00674 R1	0.00354 R1	0.01028 R1
10/30/09	<0.00100	<0.00500	<0.00100	>0.000200	<0.000100	0.0001	<0.000200	<0.000140	<0.000100	<0.000200	<0.000200	0.0012	<0.000200	0.0005	0.000518	<0.00100 (c)	0.0101 R1	0.00430	0.0144 R1
Field Point MW-9	Well Screen Interval (feet): 27.64-42.64																		
07/21/06	<0.00099	0.001	<0.00099	<0.000198	<0.00099	<0.00099	<0.000198	<0.000139	<0.00099	0.000198	<0.000198	<0.000495	<0.000198	<0.000495	<0.000198	<0.00099 (a)	<0.00099	<0.00099	<0.00297
02/06/07	<0.00104	<0.00521	<0.00104	<0.000208	<0.000104	<0.000104	<0.000208	<0.000146	<0.000104	<0.000208	<0.000208	<0.000521	<0.000208	<0.000521	<0.000208	<0.00104 (a)	0.0148	0.00424	0.01904
04/15/08	<0.00971	<0.00971	<0.00971	<0.00971	<0.00971	<0.00971	<0.00971	<0.00971	<0.00971	<0.00971	<0.00971	<0.00971	<0.00971	<0.00971	<0.00971	<0.00971	<0.00971	<0.00971	<0.02913
09/26/08	<0.00962	<0.00962	<0.00962	<0.00962	<0.00962	<0.00962	<0.00962	<0.00962	<0.00962	<0.00962	<0.00962	<0.00962	<0.00962	<0.00962	<0.00962	<0.00962	<0.00962	<0.00962	<0.02886
05/18/09	<0.00952	<0.00952	<0.00952	<0.00952	<0.00952	<0.00952	<0.00952	<0.00952	<0.00952	<0.00952	<0.00952	<0.00952	<0.00952	<0.00952	<0.00952	<0.00952	<0.00952	<0.00952	<0.02856
08/19/09	<0.000971	<0.00485	<0.000971	<0.000194	<0.0000971	<0.0000971	<0.000194	<0.000136	<0.0000971	<0.000194	<0.000194	<0.000485	<0.000194	<0.000485	<0.000194	<0.000971 (c)	<0.000971	<0.000971	<0.002913
10/30/09	<0.00100	<0.00500	<0.00100	<0.000200	<0.000100	<0.000100	<0.000200	<0.000140	<0.000100	<0.000200	<0.000200	<0.000500	<0.000200	<0.000500	0.00101	<0.00100 (c)	<0.00100	<0.00100	BDL
10/13/11	<0.0000952	<0.0000952	<0.0000952	<0.0000952	<0.0000952	<0.0000952	<0.0000952	<0.0000952	<0.0000952	<0.0000952	<0.0000952	0.000476	<0.0000952	<0.0000952	<0.0000952	<0.000952	<0.000952	<0.000952	<0.000952
02/22/12	<0.0000952	<0.0000952	<0.0000952	<0.0000952	<0.0000952	<0.0000952	<0.0000952	<0.0000952	<0.0000952	<0.0000952	<0.0000952	0.000295	<0.0000952	<0.0000952	<0.0000952	0.00143	<0.000952	<0.000952	0.00143
07/17/12	<0.00190	<0.00190	<0.00190	<0.00190	<0.00190	<0.00190	<0.00190	<0.00190	<0.00190	<0.00190	<0.00190	<0.00190	<0.00190	<0.00190	<0.00190	<0.00500	<0.00190	<0.00190	<0.00500
10/03/12	0.017	0.00713	<0.00377	0.0271	<0.00377	<0.00377	<0.00377	<0.00377	<0.00377	<0.00377	0.005	0.0768	<0.00377	0.0941	0.00931	0.0676	0.537	0.795	1.3996
Field Point MW-10	Well Screen Interval (feet): 28.08-43.08																		
07/21/06	0.001	0.001	0.001	<0.000200	<0.0001	<0.0001	<0.000200	<0.00014	<0.0001	<0.000200	<0.000200	0.000892	<0.000200	<0.0005	<0.000200	<0.001 (a)	0.001	0.001	0.001
02/06/07	<0.00110	<0.00549	<0.00110	<0.000220	<0.000110	<0.000110	<0.000220	<0.000154	<0.000110	<0.000220	<0.000220	0.000831	<0.000220	<0.00549	<0.000220	<0.00110 (a)	<0.00110	<0.00110	<0.00330
04/15/08	<0.00971	<0.00971	<0.00971	<0.00971	<0.00971	<0.00971	<0.00971	<0.00971	<0.00971	<0.00971	<0.00971	<0.00971	<0.00971	<0.00971	<0.00971	<0.00971	<0.00971	<0.00971	<0.02913
09/26/08	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0300
05/18/09	<0.00952	<0.00952	<0.00952	<0.00952	<0.00952	<0.00952	<0.00952	<0.00952	<0.00952	<0.00952	<0.00952	<0.00952	<0.00952	<0.00952	<0.00952	<0.00952	<0.00952	<0.00952	<0.02856
08/19/09	<0.000980	<0.00490	<0.000980	<0.000196	<0.0000980	<0.0000980	<0.000196	<0.000137	<0.0000980	<0.000196	<0.000196	<0.000490	<0.000196	<0.000490	<0.000196	<0.000980 (c)	<0.000980	0.00268	0.00268
11/19/09	<0.00105	<0.00526	<0.00105	<0.000211	<0.000105	<0.000105	<0.000211	<0.000147	<0.000105	<0.000211	<0.000211	0.000683	<0.000211	<0.000526	0.000935 R1	<0.00105 (c)	0.0202 R1	0.0142 R1	0.0344 R1
10/13/11	<0.0000943	<0.0000943	<0.0000943	<0.0000943	<0.0000943	<0.0000943	<0.0000943	<0.0000943	<0.0000943	<0.0000943	<0.0000943	0.000104	<0.0000943	<0.0000943	<0.0000943	<0.0000943	<0.0000943	<0.0000943	<0.000943
07/17/12	<0.00190	<0.00190	<0.00190	<0.00190	<0.00190	<0.00190	<0.00190	<0.00190	<0.00190	<0.00190	<0.00190	<0.00190	<0.00190	<0.00190	<0.00190	<0.00500	<0.00190	<0.00190	<0.00500
10/03/12	<0.00190	<0.00190	<0.00190	<0.00190	<0.00190	<0.00190	<0.00190	<0.00190	<0.00190	<0.00190	<0.00190	<0.00190	<0.00190	<0.00190	<0.00190	<0.00500	<0.00190	<0.00190	<0.00500
05/15/13	<0.0000187	<0.0000374	<0.0000187	<0.0000187	<0.0000187	<0.0000187	<0.000028	<0.0000187	<0.0000187	<0.0000187	<0.0000374	0.00021	<0.0000187	0.0000876 J	<0.0000561	0.0000706 J	<0.00000935	<0.00000935	0.0000706 J

TABLE 5 CUMULATIVE GROUNDWATER ANALYTICAL RESULTS FOR PAHs Gladiola Station Lea County, New Mexico																			
Date	Acenaphthene (mg/L)	Acenaphthylene (mg/L)	Anthracene (mg/L)	Benzo(a)anthracene (mg/L)	Benzo(a)pyrene (mg/L)	Benzo(b)fluoranthene (mg/L)	Benzo(g,h,i)perylene (mg/L)	Benzo(k)fluoranthene (mg/L)	Chrysene (mg/L)	Dibenz(a,h)anthracene (mg/L)	Fluoranthene (mg/L)	Fluorene (mg/L)	Indeno(1,2,3-cd)pyrene (mg/L)	Phenanthrene (mg/L)	Pyrene (mg/L)	Naphthalene (mg/L)	1-Methylnaphthalene (mg/L)	2-Methylnaphthalene (mg/L)	Total Naphthalene (mg/L)
NMED WQCC HHS	NA	NA	NA	NA	0.0007	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.03
Field Point MW-10 Well Screen Interval (feet): 28.08-43.08																			
05/15/13 D	0.0000462 J	<0.0000374	0.000024 J	<0.0000187	<0.0000187	<0.0000187	<0.000028	<0.0000187	<0.0000187	<0.0000187	<0.0000374	0.00033	<0.0000187	<0.0000561	<0.0000561	0.0000757 J	<0.00000935	<0.00000935	0.0000757 J
01/29/14	0.0000594 J	<0.0000282	<0.0000282	<0.0000188	<0.0000188	<0.0000188	<0.0000188	<0.0000188	<0.0000188	<0.0000188	<0.0000282	0.000258	<0.0000188	<0.0000282	<0.0000188	0.0000594 J	<0.0000188	<0.0000282	0.0000594 J
11/19/14	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	0.00021	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001
11/19/14 D	<0.000094	<0.000094	<0.000094	<0.000094	<0.000094	<0.000094	<0.000094	<0.000094	<0.000094	<0.000094	<0.000094	0.00021	<0.000094	<0.000094	<0.000094	<0.000094	<0.000094	<0.000094	<0.000094
05/24/17	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00038
11/29/17	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019
07/20/18	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	0.00017 J	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019
03/07/19	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	0.00022	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020
Field Point MW-11 Well Screen Interval (feet): 29.00-44.00																			
04/30/08	<0.00971	<0.00971	<0.00971	<0.00971	<0.00971	<0.00971	<0.00971	<0.00971	<0.00971	<0.00971	<0.00971	<0.00971	<0.00971	<0.00971	<0.00971	<0.00971	<0.00971	<0.00971	<0.02913
09/26/08	<0.00962	<0.00962	<0.00962	<0.00962	<0.00962	<0.00962	<0.00962	<0.00962	<0.00962	<0.00962	<0.00962	<0.00962	<0.00962	<0.00962	<0.00962	<0.00962	<0.00962	<0.00962	<0.02886
05/18/09	<0.00943	<0.00943	<0.00943	<0.00943	<0.00943	<0.00943	<0.00943	<0.00943	<0.00943	<0.00943	<0.00943	<0.00943	<0.00943	<0.00943	<0.00943	<0.00943	<0.00943	<0.00943	<0.02829
08/19/09	<0.00100	<0.00500	<0.00100	<0.000200	<0.000100	<0.000100	<0.000200	<0.000140	<0.000100	<0.000200	<0.000200	<0.000500	<0.000200	<0.000500	<0.000200	<0.00100 (c)	<0.00100	0.00334	0.00334
10/30/09	<0.000990	<0.00495	<0.000990	<0.000198	<0.000099	<0.000099	<0.000198	<0.000139	<0.000099	<0.000198	<0.000198	<0.000495	<0.000198	<0.000495	<0.000198	<0.00099 (c)	<0.00099	<0.00099	BDL
10/13/11	<0.000099	<0.000099	<0.000099	<0.000099	<0.000099	<0.000099	<0.000099	<0.000099	<0.000099	<0.000099	<0.000099	0.000109	<0.000099	<0.000099	<0.000099	<0.000099	<0.000099	<0.000099	<0.000099
07/17/12	<0.00190	<0.00190	<0.00190	<0.00190	<0.00190	<0.00190	<0.00190	<0.00190	<0.00190	<0.00190	<0.00190	<0.00190	<0.00190	<0.00190	<0.00190	<0.00500	<0.00190	<0.00190	<0.00500
10/03/12	<0.00194	<0.00194	<0.00194	<0.00194	<0.00194	<0.00194	<0.00194	<0.00194	<0.00194	<0.00194	<0.00194	<0.00194	<0.00194	<0.00194	<0.00194	<0.00500	<0.00194	<0.00194	<0.00500
05/15/13	<0.0000187	<0.0000374	<0.0000187	<0.0000187	<0.0000187	<0.0000187	<0.000028	<0.0000187	<0.0000187	<0.0000187	<0.0000374	<0.0000187	<0.0000187	<0.0000561	<0.0000561	0.0000534 J	<0.00000935	<0.00000935	0.0000534 J
01/28/14	<0.0000188	<0.0000282	<0.0000282	<0.0000188	<0.0000188	<0.0000188	<0.0000188	<0.0000188	<0.0000188	<0.0000188	<0.0000282	<0.0000188	<0.0000188	<0.0000282	<0.0000188	<0.0000188	<0.0000188	<0.0000282	<0.0000282
06/18/14	<0.0000191	<0.0000287	<0.0000287	<0.0000191	<0.0000191	<0.0000191	<0.0000191	<0.0000191	<0.0000191	<0.0000191	<0.0000287	<0.0000191	<0.0000191	<0.0000287	<0.0000191	0.000425	<0.0000191	<0.0000287	0.000425
11/19/14	<0.000095	<0.000095	<0.000095	<0.000095	<0.000095	<0.000095	<0.000095	<0.000095	<0.000095	<0.000095	<0.000095	<0.000095	<0.000095	<0.000095	<0.000095	<0.000095	<0.000095	<0.000095	<0.000095
12/08/15	<0.0000952	<0.0000952	<0.0000952	<0.0000952	<0.0000952	<0.0000952	<0.0000952	<0.0000952	<0.0000952	<0.0000952	<0.0000952	<0.0000952	<0.0000952	<0.0000952	<0.0000952	<0.0000952	<0.0000952	<0.0000952	<0.0002856
04/27/16	<0.0000939	<0.0000939	<0.0000939	<0.0000939	<0.0000939	<0.0000939	<0.0000939	<0.0000939	<0.0000939	<0.0000939	<0.0000939	<0.0000939	<0.0000939	<0.0000939	<0.0000939	<0.0000939	<0.0000939	<0.0000939	<0.0002817
10/25/16	<0.0000935	<0.0000935	<0.0000935	<0.0000935	<0.0000935	<0.0000935	<0.0000935	<0.0000935	<0.0000935	<0.0000935	<0.0000935	<0.0000935	<0.0000935	<0.0000935	<0.0000935	<0.0000935	<0.0000935	<0.0000935	<0.000187
05/24/17	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00038
11/29/17	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	0.00015 J	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	0.00022	<0.00019	0.00033	<0.00019	0.00022	0.0010	0.0013	0.00252
07/18/18	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019
03/07/19	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020
10/03/19	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	0.000012 J	<0.00019	0.0000092 J	<0.00019	0.000071 J	0.000057 J	0.000064 J	0.000192
06/25/20	<0.00019	<0.00019	<0.00019	<0.00019	0.00012 J	0.00010 J	0.00023	0.00011 J	<0.00019	0.00021	<0.00019	<0.00019	0.00022	<0.00019	<0.00019	0.000023 J	<0.00019	<0.00019	0.000023
12/16/20	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019
07/01/21	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019
12/21/21	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019
05/25/22	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019
12/30/22	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020
06/21/23	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019
12/06/23	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019
06/04/24	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020
Field Point MW-12 Well Screen Interval (feet): 30.00-45.00																			
04/30/08	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	0.0327	0.0316	0.0241	0.0884</

TABLE 5 CUMULATIVE GROUNDWATER ANALYTICAL RESULTS FOR PAHS Gladiola Station Lea County, New Mexico																			
Date	Acenaphthene (mg/L)	Acenaphthylene (mg/L)	Anthracene (mg/L)	Benzo(a)anthracene (mg/L)	Benzo(a)pyrene (mg/L)	Benzo(b)fluoranthene (mg/L)	Benzo(g,h,i)perylene (mg/L)	Benzo(k)fluoranthene (mg/L)	Chrysene (mg/L)	Dibenz(a,h)anthracene (mg/L)	Fluoranthene (mg/L)	Fluorene (mg/L)	Indeno(1,2,3-cd)pyrene (mg/L)	Phenanthrene (mg/L)	Pyrene (mg/L)	Naphthalene (mg/L)	1-Methylnaphthalene (mg/L)	2-Methylnaphthalene (mg/L)	Total Naphthalene (mg/L)
NMED WQCC HHS	NA	NA	NA	NA	0.0007	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.03
Field Point MW-12	Well Screen Interval (feet): 30.00-45.00																		
09/26/08	<0.00943	<0.00943	<0.00943	<0.00943	<0.00943	<0.00943	<0.00943	<0.00943	<0.00943	<0.00943	<0.00943	<0.00943	<0.00943	<0.00943	<0.00943	0.0909	0.0512	0.0613	0.2034
05/19/09	<0.00952	<0.00952	<0.00952	<0.00952	<0.00952	<0.00952	<0.00952	<0.00952	<0.00952	<0.00952	<0.00952	<0.00952	<0.00952	<0.00952	<0.00952	0.0726	0.0434	0.0534	0.1694
08/19/09	<0.00100	<0.00500	<0.00100	<0.000200	<0.000100	<0.000100	<0.000200	<0.000140	0.000145	<0.000200	0.00136 R1	0.00203	<0.000200	<0.000500	<0.000200	0.12 (c)	0.159 R1	0.0808	0.3598 R1
10/30/09	<0.00102	<0.00510	<0.00102	<0.000204	<0.000102	<0.000102	<0.000204	<0.000143	<0.000102	<0.000204	0.00270 R1	0.00169	<0.000204	0.0111 R1	0.00257 R1	0.0236 (c)	0.0283 R1	0.0708	0.123 R1
10/13/11	0.000337	0.000149	<0.000099	<0.000099	<0.000099	<0.000099	<0.000099	<0.000099	<0.000099	<0.000099	<0.000099	0.00197	<0.000099	0.00165	<0.000099	0.0879	0.0406	0.063	0.1915
02/22/12	0.000123	0.0000943	<0.0000943	<0.0000943	<0.0000943	<0.0000943	<0.0000943	<0.0000943	<0.0000943	<0.0000943	<0.0000943	0.00115	<0.0000943	0.000991	<0.0000943	0.0659	0.0244	0.0396	0.1299
07/17/12	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	0.0653	0.0357	0.0394	0.1404
10/03/12	<0.00189	<0.00189	<0.00189	<0.00189	<0.00189	<0.00189	<0.00189	<0.00189	<0.00189	<0.00189	<0.00189	0.00189	<0.00189	<0.00189	<0.00189	0.129	0.0464	0.0602	0.2356
Field Point MW-13	Well Screen Interval (feet): 30.00-45.00																		
04/30/08	<0.00971	<0.00971	<0.00971	<0.00971	<0.00971	<0.00971	<0.00971	<0.00971	<0.00971	<0.00971	<0.00971	<0.00971	<0.00971	<0.00971	<0.00971	0.0366	0.0279	0.0329	0.0974
09/26/08	<0.0980	<0.0980	<0.0980	<0.0980	<0.0980	<0.0980	<0.0980	<0.0980	<0.0980	<0.0980	<0.0980	<0.0980	<0.0980	<0.0980	<0.0980	0.0986	<0.00980	<0.00980	0.0986
05/19/09	<0.0476	<0.0476	<0.0476	<0.0476	<0.0476	<0.0476	<0.0476	<0.0476	<0.0476	<0.0476	<0.0476	<0.0476	<0.0476	<0.0476	<0.0476	0.121	0.0712	0.0888	0.281
08/19/09	<0.00103	<0.00513	0.00152 R12	<0.000205	<0.000103	0.000578	0.000915 R1	<0.000144	0.00515	<0.000205	0.0118 R1	0.00424	<0.000205	0.0458 R1	0.0277 R1	0.120 (c)	0.291 R1	0.147	0.558 R1
10/30/09	<0.000971	<0.00485	<0.000971	0.00309 R1	<0.0000971	0.000598 R1	0.00123 R1	<0.000136	0.00642	0.00300 R1	0.0247 R1	0.00331	<0.000194	0.0238 R1	0.0369 R1	0.0212 (c)	0.0325 R1	0.0743	0.128 R1
Field Point MW-14	Well Screen Interval (feet): 27.00-42.00																		
04/30/08	<0.00971	<0.00971	<0.00971	<0.00971	<0.00971	<0.00971	<0.00971	<0.00971	<0.00971	<0.00971	<0.00971	<0.00971	<0.00971	<0.00971	<0.00971	<0.00971	<0.00971	<0.00971	<0.02913
09/26/08	<0.00980	<0.00980	<0.00980	<0.00980	<0.00980	<0.00980	<0.00980	<0.00980	<0.00980	<0.00980	<0.00980	<0.00980	<0.00980	<0.00980	<0.00980	0.0120	0.0103	0.0108	0.0331
05/19/09	<0.00952	<0.00952	<0.00952	<0.00952	<0.00952	<0.00952	<0.00952	<0.00952	<0.00952	<0.00952	<0.00952	<0.00952	<0.00952	<0.00952	<0.00952	0.00956	<0.00952	<0.00952	0.00956
08/19/09	<0.000971	<0.00485	<0.000971	<0.000194	<0.0000971	<0.0000971	<0.000194	<0.000136	<0.0000971	<0.000194	<0.000194	0.000797	<0.000194	0.00411 R1	0.00109	0.00923 (c)	0.0547 R1	0.0172	0.08113 R1
10/30/09	<0.00100	<0.00500	<0.00100	<0.000200	0.000172	<0.000100	<0.000200	<0.000140	<0.000100	<0.000200	0.00165 R1	0.00123	<0.000200	0.00441 R1	0.00135 R1	0.00998 (c)	0.0506 R1	0.0186	0.0792 R1
10/13/11	0.0002	<0.0000952	0.000429	<0.0000952	<0.0000952	<0.0000952	<0.0000952	<0.0000952	<0.0000952	<0.0000952	<0.0000952	0.00114	<0.0000952	0.000381	<0.0000952	0.00579	0.00459	0.00418	0.01456
02/22/12	0.000222	<0.000111	<0.000111	<0.000111	<0.000111	<0.000111	<0.000111	<0.000111	<0.000111	<0.000111	<0.000111	0.0013	<0.000111	0.000644	<0.000111	0.0071	0.00479	0.00428	0.01617
07/17/12	<0.00190	<0.00190	<0.00190	<0.00190	<0.00190	<0.00190	<0.00190	<0.00190	<0.00190	<0.00190	<0.00190	<0.00190	<0.00190	<0.00190	<0.00190	0.0137	0.00521	0.005	0.02391
10/03/12	<0.00189	<0.00189	<0.00189	<0.00189	<0.00189	<0.00189	<0.00189	<0.00189	<0.00189	<0.00189	<0.00189	0.00189	<0.00189	<0.00189	<0.00189	0.0118	0.00625	0.0072	0.02525
Field Point MW-15	Well Screen Interval (feet): 29.00-44.00																		
04/30/08	<0.00971	<0.00971	<0.00971	<0.00971	<0.00971	<0.00971	<0.00971	<0.00971	<0.00971	<0.00971	<0.00971	<0.00971	<0.00971	<0.00971	<0.00971	0.0367	0.0318	0.0395	0.108
09/26/08	<0.00980	<0.00980	<0.00980	<0.00980	<0.00980	<0.00980	<0.00980	<0.00980	<0.00980	<0.00980	<0.00980	<0.00980	<0.00980	<0.00980	<0.00980	0.0902	0.0636	0.0825	0.2363
05/19/09	<0.0105	<0.0105	<0.0105	<0.0105	<0.0105	<0.0105	<0.0105	<0.0105	<0.0105	<0.0105	<0.0105	<0.0105	<0.0105	<0.0105	<0.0105	0.0658	0.0380	0.0484	0.1522
08/19/09	<0.00103	<0.00513	<0.00103	<0.000205	<0.000103	<0.000103	<0.000205	<0.000144	0.000857	<0.000205	0.00315 R1	0.00229	<0.000205	0.0196 R1	0.00753 R1	0.1690 (c)	0.202 R1	0.118	0.489 R1
10/30/09	<0.000980	<0.00490	<0.000980	0.00384 R1	<0.000098	0.000723 R1	0.00128 R1	0.00191 R1	0.00786	0.00345 R1	0.0300 R1	0.00380	<0.000196	0.0282 R1	0.0435 R1	0.0274 (c)	0.0407 R1	0.0225	0.0906 R1
Field Point MW-16	Well Screen Interval (feet): 26.50-41.50																		
04/30/08	<0.0103	<0.0103	<0.0103	<0.0103	<0.0103	<0.0103	<0.0103	<0.0103	<0.0103	<0.0103	<0.0103	<0.0103	<0.0103	<0.0103	<0.0103	<0.0103	<0.0103	<0.0103	<0.0309
09/26/08	<0.00943	<0.00943	<0.00943	<0.00943	<0.00943	<0.00943	<0.00943	<0.00943	<0.00943	<0.00943	<0.00943	<0.00943	<0.00943	<0.00943	<0.00943	<0.00943	<0.00943	<0.00943	<0.02829
05/18/09	<0.00943	<0.00943	<0.00943	<0.00943	<0.00943	<0.00943	<0.00943	<0.00943	<0.00943	<0.00943	<0.00943	<0.00943	<0.00943	<0.00943	<0.00943	<0.00943	<0.00943	<0.00943	<0.02829
08/19/09	<0.00103	<0.00513	<0.00103	<0.000205	<0.000103	<0.000103	<0.000205	<0.000144	<0.000103	<0.000205	<0.000205	0.00109	<0.000205	<0.000513	0.000979 R1	0.00429 R1 (c)	0.00603 R10	0.0127 R1	0.02302 R10 R1
10/13/11	0.000238	<0.0000952	<0.0000952	<0.0000952	<0.0000952	<0.0000952	<0.0000952	<0.0000952	<0.0000952	<0.0000952	<0.0000952	0.0017	<0.0000952	0.000343	<0.0000952	0.00154	0.00158	0.00124	0.00436
02/22/12	0.000217	<0.0000943	<0.0000943	<0.0000943	<0.0000943	<0.0000943	<0.0000943	<0.0000943	<0.0000943	<0.0000943	<0.0000943	0.00153	<0.0000943	0.000292	<0.0000943	0.00122	0.00113	0.00090	0.003245
07/17/12	<0.00190	<0.00190	<0.00190	<0.00190	<0.00190	<0.00190	<0.00190	<0.00190	<0.00190	<0.00190	<0.00190	<0.00190	<0.00190	<0.00190	<0.00190	<0.00500	0.00229	<0.00190	0.00229
10/03/12	<0.00189	<0.00189	<0.00189	<0.00189	<0.00189	<0.00189	<0.00189	<0.00189	<0.00189	<0.00189	<0.00189	0.00189	<0.00189	<0.00189	<0.00189	0.00855	0.00429	<0.00189	0.01284

TABLE 5
CUMULATIVE GROUNDWATER ANALYTICAL RESULTS FOR PAHs
Gladiola Station
Lea County, New Mexico

Date	Acenaphthene (mg/L)	Acenaphthylene (mg/L)	Anthracene (mg/L)	Benzo(a)anthracene (mg/L)	Benzo(a)pyrene (mg/L)	Benzo(b)fluoranthene (mg/L)	Benzo(g,h,i)perylene (mg/L)	Benzo(k)fluoranthene (mg/L)	Chrysene (mg/L)	Dibenz(a,h)anthracene (mg/L)	Fluoranthene (mg/L)	Fluorene (mg/L)	Indeno(1,2,3-cd)pyrene (mg/L)	Phenanthrene (mg/L)	Pyrene (mg/L)	Naphthalene (mg/L)	1-Methylnaphthalene (mg/L)	2-Methylnaphthalene (mg/L)	Total Naphthalene (mg/L)
NMED WQCC HHS	NA	NA	NA	NA	0.0007	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.03
Field Point MW-17	Well Screen Interval (feet): 29.50-44.50																		
08/19/09	<0.00100	<0.00500	<0.00100	<0.000200	<0.000100	<0.000100	<0.000200	<0.000140	<0.000100	<0.000200	0.000315	0.00144	<0.000200	0.0102 R1	<0.000200	0.134 (c)	0.188 R1	0.0768	0.3988 R1
10/30/09	<0.00100	<0.00500	<0.00100	<0.000200	0.000774 R1	<0.000100	<0.000200	<0.000140	<0.000100	<0.000200	0.00290 R1	0.00180	<0.000200	0.0121 R1	0.00284 R1	0.134 (c)	0.193 R1		0.327 R1
10/13/11	0.000307	0.000515	0.0016	<0.000099	<0.000099	<0.000099	<0.000099	<0.000099	<0.000099	<0.000099	<0.000099	0.00178	<0.000099	<0.000099	<0.000099	0.0798	0.0364	0.0556	0.1718
07/17/12	<0.00190	<0.00190	<0.00190	<0.00190	<0.00190	<0.00190	<0.00190	<0.00190	<0.00190	<0.00190	<0.00190	<0.00190	<0.00190	<0.00190	<0.00190	0.0429	0.0256	0.0306	0.0991
10/03/12	<0.00189	<0.00189	<0.00189	<0.00189	<0.00189	<0.00189	<0.00189	<0.00189	<0.00189	<0.00189	<0.00189	<0.00189	<0.00189	<0.00189	<0.00189	0.0865	0.0325	0.0402	0.1592
11/29/17	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	0.0016	<0.00019	0.0013	<0.00019	0.044	0.022	0.028	0.094
07/18/18	0.000077 J	0.00011 J	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	0.0015	<0.00019	0.00073	<0.00019	0.053	0.026	0.028	0.107
03/06/19	0.00016 J	0.00011 J	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	0.0017	<0.00019	0.0010	<0.00019	0.062	0.030	0.037	0.067
10/03/19	0.00027	0.00017 J	<0.00019	0.000023 J	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	0.0021	<0.00019	0.0012	<0.00019	0.080	0.042	0.048	0.17
06/25/20	0.00021	0.00012 J	0.000036 J	0.000085 J	0.000088 J	0.00010 J	0.00015 J	0.00011 J	0.000088 J	0.00015 J	<0.00019	0.0014	0.00014 J	0.00083	0.000026 J B	0.068	0.033	0.035	0.136
12/16/20	0.00016 J	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	0.00068	<0.00019	0.00021	<0.00019	0.037	0.013	0.010	0.060
06/30/21	0.00014 J	0.000073 J	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	0.00097	<0.00019	0.00062	<0.00019	0.058	0.023	0.025	0.106
12/21/21	0.000099 J	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	0.0012	<0.00019	0.00047	<0.00019	0.071	0.031	0.025	0.127
05/25/22	<0.0019	<0.0019	<0.0019	<0.0019	<0.0019	<0.0019	<0.0019	<0.0019	<0.0019	<0.0019	<0.0019	0.00088 J	<0.0019	<0.0019	<0.0019	0.047	0.023	0.019	0.089
12/29/22	<0.0019	<0.0019	<0.0019	<0.0019	<0.0019	<0.0019	<0.0019	<0.0019	<0.0019	<0.0019	<0.0019	0.0015 J	<0.0019	0.0011 J	<0.0019	0.086	0.045	0.053	0.184
06/20/23	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	0.00070	<0.00019	0.00038	<0.00019	0.026	0.015	0.014	0.055
12/07/23	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	0.00032	<0.00019	0.00013 J	<0.00019	0.021	0.0084	0.0068	0.0362
06/04/24	0.00014 J	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	0.00071	<0.00020	0.00059	<0.00020	0.043	0.018	0.019	0.467
Field Point MW-18	Well Screen Interval (feet): 27.00-42.00																		
08/19/09	<0.00100	<0.00500	<0.00100	<0.000200	<0.000100	<0.000100	<0.000200	<0.000140	<0.000100	<0.000200	0.000423	0.00120	<0.000200	0.0104 R1	0.000948	0.0213 (c)	0.141 R1	0.0193	0.1816 R1
10/30/09	<0.00100	<0.00500	<0.00100	<0.000200	<0.000100	<0.000100	<0.000200	<0.000140	0.000767 R1	<0.000200	0.00281 R1	0.00202	<0.000200	0.0129 R1	0.00257 R1	0.110 (c)	0.189 R1	0.0696	0.369 R1
10/13/11	0.000467	0.000133	0.000114	<0.0000952	<0.0000952	<0.0000952	<0.0000952	<0.0000952	0.000143	<0.0000952	<0.0000952	0.00239	<0.0000952	0.00246	<0.0000952	0.0414	0.0292	0.0431	0.1137
Field Point MW-19	Well Screen Interval (feet): 27.00-42.00																		
08/19/09	<0.00100	<0.00500	<0.00100	<0.000200	<0.000100	<0.000100	<0.000200	<0.000140	<0.000100	<0.000200	<0.000200	<0.000500	<0.000200	<0.000500	<0.000200	<0.00100 (c)	<0.00100	<0.00100	<0.00300
10/30/09	<0.00102	<0.00510	<0.00102	<0.000204	<0.000102	<0.000102	<0.000204	<0.000143	<0.000102	<0.000204	<0.000204	<0.000510	<0.000204	<0.000510	<0.000204	<0.00102 (c)	<0.00102	<0.00102	BDL
10/13/11	<0.0000971	<0.0000971	<0.0000971	<0.0000971	<0.0000971	<0.0000971	<0.0000971	<0.0000971	<0.0000971	<0.0000971	<0.0000971	<0.0000971	<0.0000971	<0.0000971	<0.0000971	<0.0000971	<0.0000971	<0.0000971	<0.0000971
07/17/12	<0.00190	<0.00190	<0.00190	<0.00190	<0.00190	<0.00190	<0.00190	<0.00190	<0.00190	<0.00190	<0.00190	<0.00190	<0.00190	<0.00190	<0.00190	<0.00500	<0.00190	<0.00190	<0.00500
10/03/12	<0.00189	<0.00189	<0.00189	<0.00189	<0.00189	<0.00189	<0.00189	<0.00189	<0.00189	<0.00189	<0.00189	0.00189	<0.00189	<0.00189	<0.00189	<0.00500	<0.00189	<0.00189	<0.00500
05/15/13	<0.0000189	<0.0000377	<0.0000189	<0.0000189	<0.0000189	<0.0000189	<0.0000283	<0.0000189	<0.0000189	<0.0000189	<0.0000377	<0.0000189	<0.0000189	<0.0000566	<0.0000566	<0.0000189	<0.00000943	<0.00000943	<0.0000189
01/29/14	<0.0000188	<0.0000282	<0.0000282	<0.0000188	<0.0000188	<0.0000188	<0.0000188	<0.0000188	<0.0000188	<0.0000188	<0.0000282	<0.0000188	<0.0000188	<0.0000282	<0.0000188	<0.0000188	<0.0000188	<0.0000282	<0.0000282
06/18/14	<0.00002	<0.00003	<0.00003	<0.00002	<0.00002	<0.00002	<0.00002	<0.00002	<0.00002	<0.00002	<0.00003	<0.00002	<0.00002	<0.00003	<0.00002	0.00022 B	<0.00002	<0.00003	0.00022 B
11/18/14	<0.000096	<0.000096	<0.000096	<0.000096	<0.000096	<0.000096	<0.000096	<0.000096	<0.000096	<0.000096	<0.000096	<0.000096	<0.000096	<0.000096	<0.000096	<0.000096	<0.000096	<0.000096	<0.000096
12/09/15	<0.0000952	<0.0000952	<0.0000952	<0.0000952	<0.0000952	<0.0000952	<0.0000952	<0.0000952	<0.0000952	<0.0000952	<0.0000952	0.000153	<0.0000952	<0.0000952	<0.0000952	0.00156	0.00147	0.000304	0.003334
04/27/16	<0.0000939	<0.0000939	<0.0000939	<0.0000939	<0.0000939	<0.0000939	<0.0000939	<0.0000939	<0.0000939	<0.0000939	<0.0000939	0.000198	<0.0000939	<0.0000939	<0.0000939	0.000772	0.000582	<0.0000939	0.001354
10/25/16	<0.0000935	<0.0000935	<0.0000935	<0.0000935	<0.0000935	<0.0000935	<0.0000935	<0.0000935	<0.0000935	<0.0000935	<0.0000935	<0.0000935	<0.0000935	<0.0000935	<0.0000935	<0.0000935	<0.0000935	<0.0000935	<0.000187
05/24/17	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00038
11/29/17	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	0.00068	<0.00019	0.00018 J	<0.00019	0.00045	0.0013	0.00025	0.002
07/18/18	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019
03/05/19	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	0.000085 J	<0.00019	<0.00019	<0.00019
10/02/19	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	0.00037	<0.00019	0.000075 J	<0.00019	0.000079 J	0.000063 J	<0.00019	0.000142

TABLE 5 CUMULATIVE GROUNDWATER ANALYTICAL RESULTS FOR PAHs Gladiola Station Lea County, New Mexico																			
Date	Acenaphthene (mg/L)	Acenaphthylene (mg/L)	Anthracene (mg/L)	Benzo(a)anthracene (mg/L)	Benzo(a)pyrene (mg/L)	Benzo(b)fluoranthene (mg/L)	Benzo(g,h,i)perylene (mg/L)	Benzo(k)fluoranthene (mg/L)	Chrysene (mg/L)	Dibenz(a,h)anthracene (mg/L)	Fluoranthene (mg/L)	Fluorene (mg/L)	Indeno(1,2,3-cd)pyrene (mg/L)	Phenanthrene (mg/L)	Pyrene (mg/L)	Naphthalene (mg/L)	1-Methylnaphthalene (mg/L)	2-Methylnaphthalene (mg/L)	Total Naphthalene (mg/L)
NMED WQCC HHS	NA	NA	NA	NA	0.0007	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.03
Field Point MW-22	Well Screen Interval (feet): 30.00-45.00																		
11/29/17	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020
07/18/18	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019
03/06/19	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019
10/03/19	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019
06/25/20	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019
12/16/20	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	0.00014 J	<0.00019	<0.00019	0.00014 J
07/01/21	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019
12/21/21	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019
05/25/22	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019
12/30/22	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019
06/21/23	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019
12/06/23	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019
06/04/24	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020
Field Point MW-23	Well Screen Interval (feet): 31.00-46.00																		
02/22/12	<0.0000943	<0.0000943	<0.0000943	<0.0000943	<0.0000943	<0.0000943	<0.0000943	<0.0000943	<0.0000943	<0.0000943	<0.0000943	<0.0000943	<0.0000943	<0.0000943	<0.0000943	<0.0001	<0.0001	<0.0001	<0.0001
07/17/12	<0.00190	<0.00190	<0.00190	<0.00190	<0.00190	<0.00190	<0.00190	<0.00190	<0.00190	<0.00190	<0.00190	<0.00190	<0.00190	<0.00190	<0.00190	<0.00500	<0.00190	<0.00190	<0.00500
10/03/12	<0.00192	<0.00192	<0.00192	<0.00192	<0.00192	<0.00192	<0.00192	<0.00192	<0.00192	<0.00192	<0.00192	<0.00192	<0.00192	<0.00192	<0.00192	<0.00500	<0.00192	<0.00192	<0.00500
05/15/13	<0.000019	<0.0000381	<0.000019	<0.000019	<0.000019	<0.000019	<0.0000286	<0.000019	<0.000019	<0.000019	<0.0000381	<0.000019	<0.000019	<0.0000571	<0.0000571	<0.000019	<0.00000952	<0.00000952	<0.000019
01/29/14	<0.0000188	<0.0000282	<0.0000282	<0.0000188	<0.0000188	<0.0000188	<0.0000188	<0.0000188	<0.0000188	<0.0000188	0.0000932 J	<0.0000188	<0.0000188	0.0000687 J	0.0000724 J	<0.0000188	<0.0000188	<0.0000282	<0.0000188
06/18/14	<0.0000204	<0.0000306	<0.0000306	<0.0000204	<0.0000204	<0.0000204	<0.0000204	<0.0000204	<0.0000204	<0.0000204	<0.0000306	<0.0000204	<0.0000204	<0.0000306	<0.0000204	0.0000606 J B	<0.0000204	<0.0000306	0.000606 J B
11/18/14	<0.000095	<0.000095	<0.000095	<0.000095	<0.000095	<0.000095	<0.000095	<0.000095	<0.000095	<0.000095	<0.000095	<0.000095	<0.000095	<0.000095	<0.000095	<0.000095	<0.000095	<0.000095	<0.000095
12/08/15	<0.000190	<0.000190	<0.000190	<0.000190	<0.000190	<0.000190	<0.000190	<0.000190	<0.000190	<0.000190	<0.000190	0.000220	<0.000190	<0.000190	<0.000190	0.0125	0.00669	0.00559	0.02478
04/27/16	<0.0000939	<0.0000939	<0.0000939	<0.0000939	<0.0000939	<0.0000939	<0.0000939	<0.0000939	<0.0000939	<0.0000939	<0.0000939	0.000280	<0.0000939	0.000177 B	<0.0000939	0.00754	0.00497	0.00409	0.0166
Field Point MW-25	Well Screen Interval (feet): 28.00-43.00																		
02/22/12	0.000168	0.000179	<0.000105	<0.000105	<0.000105	<0.000105	<0.000105	<0.000105	<0.000105	<0.000105	<0.000105	0.00232	<0.000105	0.0018	<0.000105	0.0939	0.0427	0.0688	0.2054
Field Point MW-26	Well Screen Interval (feet): 30.00-45.00																		
02/22/12	<0.0000952	<0.0000952	<0.0000952	<0.0000952	<0.0000952	<0.0000952	<0.0000952	<0.0000952	<0.0000952	<0.0000952	<0.0000952	<0.0000952	<0.0000952	<0.0000952	<0.0000952	<0.0001	<0.0001	<0.0001	<0.0001
07/17/12	<0.00190	<0.00190	<0.00190	<0.00190	<0.00190	<0.00190	<0.00190	<0.00190	<0.00190	<0.00190	<0.00190	<0.00190	<0.00190	<0.00190	<0.00190	<0.00500	<0.00190	<0.00190	<0.00500
10/03/12	<0.00189	<0.00189	<0.00189	<0.00189	<0.00189	<0.00189	<0.00189	<0.00189	<0.00189	<0.00189	<0.00189	0.00189	<0.00189	<0.00189	<0.00189	<0.00500	<0.00189	<0.00189	<0.00500
05/15/13	<0.0000187	<0.0000374	<0.0000187	<0.0000187	<0.0000187	<0.0000187	<0.000028	<0.0000187	<0.0000187	<0.0000187	<0.0000374	<0.0000187	<0.0000187	<0.0000561	<0.0000561	<0.0000187	<0.00000935	<0.00000935	<0.0000187
01/29/14	<0.0000188	<0.0000282	<0.0000282	<0.0000188	<0.0000188	<0.0000188	<0.0000188	<0.0000188	<0.0000188	<0.0000188	<0.0000282	<0.0000188	<0.0000188	<0.0000282	<0.0000188	0.0000818 J	0.000048 J	<0.0000282	0.0001298
06/18/14	<0.0000189	<0.0000283	<0.0000283	<0.0000189	<0.0000189	<0.0000189	<0.0000189	<0.0000189	<0.0000189	<0.0000189	<0.0000283	<0.0000189	<0.0000189	<0.0000283	<0.0000189	0.000394 B	<0.0000189	<0.0000283	0.000391 B
11/19/14	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001
12/08/15	<0.0000952	<0.0000952	<0.0000952	<0.0000952	<0.0000952	<0.0000952	<0.0000952	<0.0000952	<0.0000952	<0.0000952	<0.0000952	<0.0000952	<0.0000952	<0.0000952	<0.0000952	<0.0000952	<0.0000952	<0.0000952	<0.0002856
04/27/16	<0.0000939	<0.0000939	<0.0000939	<0.0000939	<0.0000939	<0.0000939	<0.0000939	<0.0000939	<0.0000939	<0.0000939	<0.0000939	<0.0000939	<0.0000939	<0.0000939	<0.0000939	0.000370	0.000130	0.0000991	0.0005991
10/25/16	<0.0000935	<0.0000935	<0.0000935	<0.0000935	<0.0000935	<0.0000935	<0.0000935	<0.0000935	<0.0000935	<0.0000935	<0.0000935	<0.0000935	<0.0000935	<0.0000935	<0.0000935	<0.0000935	<0.0000935	<0.0000935	<0.000187
05/24/17	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00038
11/29/17	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	0.00020	0.00018 J	0.00015 J	0.00053
07/18/18	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019

TABLE 5 CUMULATIVE GROUNDWATER ANALYTICAL RESULTS FOR PAHs Gladiola Station Lea County, New Mexico																			
Date	Acenaphthene (mg/L)	Acenaphthylene (mg/L)	Anthracene (mg/L)	Benzo(a)anthracene (mg/L)	Benzo(a)pyrene (mg/L)	Benzo(b)fluoranthene (mg/L)	Benzo(g,h,i)perylene (mg/L)	Benzo(k)fluoranthene (mg/L)	Chrysene (mg/L)	Dibenz(a,h)anthracene (mg/L)	Fluoranthene (mg/L)	Fluorene (mg/L)	Indeno(1,2,3-cd)pyrene (mg/L)	Phenanthrene (mg/L)	Pyrene (mg/L)	Naphthalene (mg/L)	1-Methylnaphthalene (mg/L)	2-Methylnaphthalene (mg/L)	Total Naphthalene (mg/L)
NMED WQCC HHS	NA	NA	NA	NA	0.0007	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.03
Field Point SB-3GW 10/28/11	Grab Groundwater Sample 0.0005	0.000167	<0.000098	<0.000098	<0.000098	<0.000098	<0.000098	<0.000098	<0.000098	<0.000098	<0.000098	0.00165	<0.000098	0.00168	<0.000098	0.0835	0.039	0.0606	0.1831
Field Point SB-4GW 10/28/11	Grab Groundwater Sample <0.000098	<0.000098	<0.000098	<0.000098	<0.000098	<0.000098	<0.000098	<0.000098	<0.000098	<0.000098	<0.000098	0.000216	<0.000098	0.000363	<0.000098	0.0137	0.0084	0.00967	0.03177
Field Point SB-5GW 10/28/11	Grab Groundwater Sample 0.000137	0.000304	<0.000098	<0.000098	<0.000098	<0.000098	<0.000098	<0.000098	<0.000098	<0.000098	<0.000098	0.000725	<0.000098	0.000559	<0.000098	0.0499	0.0182	0.0269	0.095
Field Point SB-6GW 10/28/11	Grab Groundwater Sample <0.0000971	<0.0000971	<0.0000971	<0.0000971	<0.0000971	<0.0000971	<0.0000971	<0.0000971	<0.0000971	<0.0000971	<0.0000971	<0.0000971	<0.0000971	0.0000971	<0.0000971	0.000505	0.000291	0.000437	0.001233
Field Point SB-7GW 10/28/11	Grab Groundwater Sample 0.000184	<0.0000971	<0.0000971	<0.0000971	<0.0000971	<0.0000971	<0.0000971	<0.0000971	<0.0000971	<0.0000971	<0.0000971	0.000495	<0.0000971	0.000495	<0.0000971	0.0047	0.00281	0.00367	0.01118

Notes:
Bolded values equal or exceed applicable regulatory limits.
Total naphthalene is the sum of 1-methylnaphthalene, 2-methylnaphthalene, and naphthalene.
ELEV = Elevation. Elevations are adjusted for NAPL thickness using a relative density of 0.83.
GW = Groundwater.
NAPL = Non-aqueous phase liquid.
NMED WQCC = New Mexico Environmental Department Water Quality Control Commission.
DWS = Other Standards for Domestic Water Supply with 10,000 mg/l TDS or less (20.6.2.3103 NMAC).
HHS = Human Health Standard for groundwater with 10,000 mg/l TDS or less (20.6.2.3103 NMAC).
IU = Irrigation Use Standard for groundwater with 10,000 mg/l TDS or less (20.6.2.3103 NMAC).
TDS = Total dissolved solids.
mg/L = Milligrams per liter.
BDL = Below laboratory detection limits.
< = Not detected at or above stated laboratory reporting limit.
A-01 = Could not obtain constant weight.
B = Analyte reported in associated method or trip blank.
D = Duplicate.
H = Analyzed outside the recommended hold time.
J = Estimated value between method detection limit and practical quantitation limit.
R1 = The relative percent difference between the primary and confirmatory analysis exceeded 40%; the higher value was reported.
R10 = The relative percent difference between the primary and confirmatory analysis exceeded 40%; the lower value was reported due to apparent chromatographic problems.
R12 = The relative percent difference between the primary and confirmatory analysis exceeded 40%; the lower value was reported.
X = Pre-purge/no-purge sample.
(a) = Analyzed by EPA Method 8310.
(b) = Analyzed by EPA Method 8260B.
(c) = Analyzed method unknown.
(d) = Analyzed to determine the presense of NAPL.
(e) = Insufficient water to purge.
(f) = DTW measured in the field indicates less than 6 inches of water in the well, which is not representative of the actual groundwater table. Groundwater elevation not calculated, data not used to compile groundwater elevation map.
(g) = Insufficient containers for analysis.

TABLE 6 CUMULATIVE GROUNDWATER ANALYTICAL RESULTS FOR METALS AND ADDITIONAL PARAMETERS Gladiola Station Lea County, New Mexico																												
Date	Antimony (mg/L)	Arsenic (mg/L)	Barium (mg/L)	Beryllium (mg/L)	Cadmium (mg/L)	Chromium (mg/L)	Cobalt (mg/L)	Copper (mg/L)	Lead (mg/L)	Mercury (mg/L)	Molybdenum (mg/L)	Nickel (mg/L)	Selenium (mg/L)	Silver (mg/L)	Thallium (mg/L)	Vanadium (mg/L)	Zinc (mg/L)	Alkalinity (mg/L)	Bicarbonate (mg/L)	Bromide (mg/L)	Calcium (mg/L)	Chloride (mg/L)	Magnesium (mg/L)	Potassium (mg/L)	Sodium (mg/L)	Sulfate (mg/L)	TDS (mg/L)	
NMED WQCC HHS	0.006	0.01	2	0.004	0.005	0.015	---	---	0.05	0.002	---	---	0.05	0.05	0.002	---	---	---	---	---	---	---	---	---	---	---	---	---
NMED WQCC DWS	---	---	---	---	---	---	---	1.0	---	---	---	---	---	---	---	---	10.0	---	---	---	---	---	250.0	---	---	---	---	---
NMED WQCC IU	---	---	---	---	---	---	0.05	---	---	---	1.0	0.2	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Field Point MW-1	Well Screen Interval (feet): 22.71-42.71																											
07/24/06		0.0295	4.82		0.0018	0.0126			<0.00500	0.000303			<0.0100	<0.00500				743					10.9			1.82	900	
02/08/07		0.0304	5.02		<0.00100	<0.00500			<0.00500	<0.000200			<0.0100	<0.00500				621					2.8			1.24	<100	
09/21/08		0.0256	7.52		0.0011	<0.00500			<0.00500	<0.000200			<0.0100	<0.00500				913					1.63			1.28		
05/19/09		0.0265	8.72		<0.00100	<0.00500			<0.00500	<0.000200			<0.0100	<0.00500				952					2.41			<1.00	962	
08/19/09		0.0303	7		<0.00100	<0.00500			<0.00500	<0.000200			<0.0100	<0.00500				979					2.25			<1.00	940	
10/30/09		0.0246	8.54		<0.00100	<0.00500			<0.00500	<0.000200			<0.0100	<0.00500				917					2.83			3.54	780	
Field Point MW-2	Well Screen Interval (feet): 27.59-47.59																											
07/25/06		0.0469	0.958		0.0021	0.0140			<0.00500	<0.000200			<0.0100	0.0057				668					30.6			2.11	900	
02/08/07		0.0348	0.764		<0.00100	<0.00500			<0.00500	<0.000200			<0.0100	<0.00500				634					32			3.9	440	
09/22/08		0.0352	0.823		<0.00100	<0.00500			<0.00500	<0.000200			<0.0100	<0.00500				669					29.4			3.57	622	
08/19/09		0.0393	0.901		<0.00100	<0.00500			<0.00500	<0.000200			<0.0100	<0.00500				649					31.2			2.74	742	
10/30/09		0.0208	8.57		<0.00100	<0.00500			<0.00500	0.0002			<0.0100	0.005				752					15.1			1.08	480	
12/07/23		0.0530 J																821	821	2.0	185	3.93	141	3.59	120	<2.0	1010	
Field Point MW-3	Well Screen Interval (feet): 24.20-44.20																											
07/24/06		0.057	3.33		0.0015	0.0098			<0.00500	<0.000200			<0.0100	<0.00500				773					21.2			8.35	880	
02/08/07		0.0505	3.44		<0.00100	<0.00500			0.0052	<0.000200			<0.0100	<0.00500				708					31.6			33.4	540	
09/22/08		0.0380	6.09		<0.00100	<0.00500			<0.00500	<0.000200			<0.0100	<0.00500				876					26.7			2.64	744	
05/19/09		0.0397	6.14		<0.00100	<0.00500			<0.00500	<0.000200			<0.0100	<0.00500				883					23.7			2.66	858	
08/19/09		0.0302	6.56		<0.00100	<0.00500			<0.00500	<0.000200			<0.0100	<0.00500				880					28.4			<1.00	802	
10/30/09		0.0316	5.91		<0.00100	<0.00500			<0.00500	0.0002			<0.0100	<0.00500				842					21.4			<1.00	670	
12/16/20		0.0292 J	8.65		0.00501 J	0.00758 J			0.0164 J	<0.000500			<0.100	0.00324 J B				1400					27.8				1010	
07/01/21		0.0395 J	9.44		0.00444 J	<0.0500			<0.0500	<0.000248			<0.100	<0.0100				1280					24.9				1250	
12/22/21		0.0222	9.74		0.0038 J	0.0064			<0.00500	<0.000248			<0.020	0.0070 J									17.7				1400	
05/26/22		0.0316 J	8.87		<0.0100	<0.0500			<0.0500	<0.000200			<0.100	<0.0100				1420					26.7				1410	
12/30/22		0.0444 J	9.51		<0.0200	0.0356 J			0.0206 J	<0.000200			<0.100	<0.0200				1460					<2.00				1420	
06/21/23		0.0269 J	8.37		<0.0100	<0.0500			<0.0500	<0.000200			<0.0500	<0.0100				1400					22.7				1510	
06/21/23 D		0.0215 J	8.94		<0.0100	<0.0500			<0.0500	<0.000200			<0.0500	<0.0100				1390					21.5				1480	
12/07/23		0.0392 J	9.02		0.00150 J B	0.0489 J			0.00840 J	<0.000200			<0.0500	0.00470 J				1540	1540	1.3	197	17.4	371	2.05	41.1	0.64 J	1500	
06/04/24		0.0282 J	8.35		<0.0100	0.00320 J			<0.0500	<0.000200			<0.0500	<0.0100				1210	1210	0.95	59.2	17.3	305	1.60 B	47.7 B	0.95 J	1310	
Field Point MW-4	Well Screen Interval (feet): 23.97-38.97																											
07/25/06		0.034	7.34		0.0016	0.0122			<0.00500	<0.000200			<0.0100	<0.00500				850					20.7			<1.00	1000	
02/07/07		0.0617	8.00		<0.00100	0.0615			0.0201	<0.000200			<0.0100	<0.00500				2290					15.1			1.09	<100	
04/15/08		0.0140	7.47		0.0011	<0.00500			<0.00500	<0.000200			<0.0100	<0.00500				1060					10.2			<1.00	1180	
09/21/08		0.0156	7.74		<0.00100	<0.00500			<0.00500	<0.000200			<0.0100	<0.00500				792					17.7			1.31	774	
05/19/09		0.0162	8.32		<0.00100	<0.00500			<0.00500	<0.000200			<0.0100	<0.00500				802					18.4			3.08	854	
08/19/09		0.0133	8.19		<0.00100	<0.00500			<0.00500	<0.000200			<0.0100	<0.00500				807					18.9			<1.00	860	
10/30/09		0.0224	8.64		<0.00100	<0.00500			<0.00500	<0.000200			<0.0100	<0.00500				782					12.2			<1.00	660	
12/07/23		0.0556 J																1170	1170	0.89	332	1.21 J	274	3.10	48.7	0.79 J	1310	

TABLE 6 CUMULATIVE GROUNDWATER ANALYTICAL RESULTS FOR METALS AND ADDITIONAL PARAMETERS Gladiola Station Lea County, New Mexico																												
Date	Antimony (mg/L)	Arsenic (mg/L)	Barium (mg/L)	Beryllium (mg/L)	Cadmium (mg/L)	Chromium (mg/L)	Cobalt (mg/L)	Copper (mg/L)	Lead (mg/L)	Mercury (mg/L)	Molybdenum (mg/L)	Nickel (mg/L)	Selenium (mg/L)	Silver (mg/L)	Thallium (mg/L)	Vanadium (mg/L)	Zinc (mg/L)	Alkalinity (mg/L)	Bicarbonate (mg/L)	Bromide (mg/L)	Calcium (mg/L)	Chloride (mg/L)	Magnesium (mg/L)	Potassium (mg/L)	Sodium (mg/L)	Sulfate (mg/L)	TDS (mg/L)	
NMED WQCC HHS	0.006	0.01	2	0.004	0.005	0.015	---	---	0.05	0.002	---	---	0.05	0.05	0.002	---	---	---	---	---	---	---	---	---	---	---	---	---
NMED WQCC DWS	---	---	---	---	---	---	0.05	1.0	---	---	---	---	---	---	---	---	10.0	---	---	---	---	---	250.0	---	---	---	600.0	1000.0
NMED WQCC IU	---	---	---	---	---	---	0.05	---	---	---	1.0	0.2	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Field Point MW-5	Well Screen Interval (feet): 27.19-47.19																											
07/20/06		0.0661	1.71		<0.00100	0.177			0.0151	0.000220			<0.0100	<0.00500				1250					6.11			<1.00	712	
02/07/07		0.0526	1.96		<0.00100	0.0599			0.0105	<0.000200			<0.0100	<0.00500				1130					6.58			1.56	610	
04/15/08		0.0440	3.02		0.0017	0.0167			<0.00500	<0.000200			<0.0100	<0.00500				976					6.34			<1.00	736	
09/21/08		0.0370	3.07		0.00100	<0.00500			<0.00500	<0.000200			<0.0100	<0.00500				841					6.62			1.54		
05/19/09		0.0336	3.49		<0.00100	<0.00500			<0.00500	<0.000200			<0.0100	<0.00500				837					6.81			<1.00	792	
08/19/09		0.031	3.68		<0.00100	<0.00500			<0.00500	<0.000200			<0.0100	<0.00500				856					7.02			<1.00	752	
08/19/09 D		0.0322	3.71		<0.00100	<0.00500			<0.00500	<0.000200			<0.0100	<0.00500				847					6.93			<1.00	760	
10/30/09		0.0284	3.93		<0.00100	<0.00500			<0.00500	<0.000200			<0.0100	<0.00500				797					6.61			<1.00	1540	
10/12/11		0.0353	4.8		<0.00100	<0.00500			0.007	<0.000200			<0.0100	<0.00500									5.03			1.4		
07/17/12		0.0234	4.9		<0.00100	<0.00500			<0.00500	<0.000200			<0.0100	<0.00500				720					4.59			1.18	753	
07/17/12 D		0.0252	5.08		<0.00100	<0.00500			<0.00500	<0.000200			<0.0100	<0.00500				721					4.42			1.21	760	
10/03/12		0.0238	4.48		<0.00100	<0.00500			<0.00500	<0.000200			<0.0100	<0.00500				726					5.46			<1.00	740	
10/03/12 D		0.0233	4.62		<0.00100	<0.00500			<0.00500	<0.000200			<0.0100	<0.00500				732					5.47			<1.00	749	
Field Point MW-6	Well Screen Interval (feet): 27.05-42.05																											
07/21/06		<0.0100	0.168		<0.00100	<0.00500			<0.00500	0.000207			<0.0100	<0.00500				524					6.28			63.2	660	
02/07/07		0.0397	3.19		<0.00100	0.0822			0.0307	0.00172			<0.0100	<0.00500				2930					6.6			<2.00	325	
04/15/08		0.0199	0.610		0.0020	0.0213			0.00805	0.000467			0.0106	<0.00500				1650					5.38			42.7	548	
09/21/08		<0.0100	0.0932		<0.00100	<0.00500			<0.00500	<0.000200			<0.0100	<0.00500				528					5.75			34.5	440	
05/18/09		<0.0100	0.0991		<0.00100	<0.00500			<0.00500	<0.000200			<0.0100	<0.00500				567					5.90			37.2	234	
08/19/09		<0.0100	0.1		<0.00100	<0.00500			<0.00500	<0.000200			<0.0100	<0.00500				519					6.11			33.0	568	
10/30/09		<0.0100	0.108		<0.00100	<0.00500			<0.00500	<0.000200			<0.0100	<0.00500				475					6.03			31.1	470	
10/13/11		<0.0100	0.112		<0.00100	<0.00500			0.0057	<0.000200			<0.0100	<0.00500									5			26.3		
07/17/12		<0.0100	0.127		<0.00100	<0.00500			<0.00500	<0.000200			<0.0100	<0.00500				452					4.23			24.6	571	
10/03/12		<0.0100	0.121		<0.00100	<0.00500			<0.00500	<0.000200			<0.0100	<0.00500				446					4.91			26.4	566	
05/15/13		<0.0047	0.14		<0.000200	<0.0012			0.0135	<0.00015			0.0081 J	<0.0013				483					4.67			<25	625	
01/28/14		0.01	0.144		<0.000200	<0.0012			0.0059	<0.00015			<0.0064	<0.0013				512					5.04			26.2	597 B	
06/18/14		<0.0072	0.138		0.0006 J	<0.00300			<0.002	<0.00015			<0.00500	<0.0025				483					5.32 B			26.5	615	
11/19/14		<0.0100	0.15		<0.00100	<0.00500			<0.00500	<0.000200			<0.0100	<0.00500				470					4.5			25	660	
12/08/15		0.0149	0.226		<0.00100	<0.00500			<0.00500	<0.000200			<0.0100	<0.00500				502					4.56			18.4	581	
04/26/16		0.0309	0.351		<0.00100	0.364			0.0127	<0.000200			<0.0100	<0.00500				520					4.87			16.2	565	
05/24/17		0.0273	0.375		<0.0100	0.00788 J			<0.0100	0.000342			<0.0150	<0.00500				482					4.6			13	545	
11/29/17		<0.0100	0.212		<0.0100	<0.0100			<0.0100	<0.000200			<0.0150	<0.00500				460					13			19	570	
07/20/18		0.0284	0.288		<0.0100	0.00674 J			0.00430 J	0.000190 BJ			0.0344	<0.00500				430					4.6			180	525	
03/07/19		<0.100	0.244		<0.0100	<0.0500			0.0138 J	0.00139			<0.100	<0.0100				430					4.7			20	505	
07/01/21		0.169	0.761		<0.0100	0.0248 J			0.0299 J	0.00437			<0.100	<0.0100				453					3.73				600	
12/22/21		0.0157 J	0.291		0.00100 J	0.0041 J			<0.00500	<0.000248			<0.020	<0.010									<2.00				640	
05/26/22		0.0269 J	0.424		<0.0100	<0.0500			0.0108 J	0.000918			<0.100	<0.0100				502					8.56 J				566	
12/29/22		0.230	1.46		<0.0200	0.0424 J			0.0284 J	0.00203			<0.100	<0.0200				538					<2.00				579	
12/07/23		0.0270 J	0.542		0.00210 J B	0.00730 J			0.00770 J	<0.000200			<0.0500	0.00380 J				497	497				1.01 J				606	
06/04/24		0.0421 J	0.565		<0.0100	0.00790 J			0.0103 J	0.000134 J			<0.0500	<0.0100				506	506	(g)	(g)		0.906 J	(g)	(g)	(g)	(g)	591

TABLE 6 CUMULATIVE GROUNDWATER ANALYTICAL RESULTS FOR METALS AND ADDITIONAL PARAMETERS Gladiola Station Lea County, New Mexico																												
Date	Antimony (mg/L)	Arsenic (mg/L)	Barium (mg/L)	Beryllium (mg/L)	Cadmium (mg/L)	Chromium (mg/L)	Cobalt (mg/L)	Copper (mg/L)	Lead (mg/L)	Mercury (mg/L)	Molybdenum (mg/L)	Nickel (mg/L)	Selenium (mg/L)	Silver (mg/L)	Thallium (mg/L)	Vanadium (mg/L)	Zinc (mg/L)	Alkalinity (mg/L)	Bicarbonate (mg/L)	Bromide (mg/L)	Calcium (mg/L)	Chloride (mg/L)	Magnesium (mg/L)	Potassium (mg/L)	Sodium (mg/L)	Sulfate (mg/L)	TDS (mg/L)	
NMED WQCC HHS	0.006	0.01	2	0.004	0.005	0.015	---	---	0.05	0.002	---	---	0.05	0.05	0.002	---	---	---	---	---	---	---	---	---	---	---	---	---
NMED WQCC DWS	---	---	---	---	---	---	---	1.0	---	---	---	---	---	---	---	---	10.0	---	---	---	---	---	250.0	---	---	---	600.0	1000.0
NMED WQCC IU	---	---	---	---	---	---	0.05	---	---	---	1.0	0.2	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Field Point MW-7	Well Screen Interval (feet): 24.35-39.35																											
07/25/06		<0.0100	0.679		<0.00100	<0.00500			<0.00500	<0.000200			<0.0100	<0.00500				641					15.5			<1.00	800	
02/07/07		0.0583	2.46		<0.00100	<0.00500			<0.00500	<0.000200			<0.0100	<0.00500				654					14.4			4.48	200	
04/15/08		0.0513	3.00		0.0015	0.0051			<0.00500	<0.000200			<0.0100	<0.00500				710					13.6			1.46	744	
09/20/08		0.0407	1.92		<0.00100	<0.00500			<0.00500	<0.000200			<0.0100	<0.00500				680					15.3			3.16	710 B	
05/18/09		0.0395	1.88		<0.00100	<0.00500			<0.00500	<0.000200			<0.0100	<0.00500				672					15.7			3.10	748	
08/19/09		0.0137	1.86		<0.00100	<0.00500			<0.00500	<0.000200			<0.0100	<0.00500				673					17.2			3.06	720	
10/30/09		0.0112	2.05		<0.00100	<0.00500			<0.00500	<0.000200			<0.0100	<0.00500				645					16.5			3.26	500	
10/13/11		0.014	2.34		<0.00100	<0.00500			0.0054	<0.000200			<0.0100	<0.00500									14.5			3.74		
Field Point MW-8	Well Screen Interval (feet): 23.05-38.05																											
07/25/06		0.0153	0.328		0.0012	<0.00500			<0.00500	<0.000200			<0.0100	<0.00500				593					13.1			8.01	810	
02/07/07		0.0342	0.929		<0.00100	<0.00500			<0.00500	<0.000200			<0.0100	<0.00500				707					11.5			22.2	510	
04/15/08		0.035	1.22		0.0015	0.0078			<0.00500	<0.000200			<0.0100	<0.00500				716					11.6			7.4	688	
09/20/08		0.0211	0.773		<0.00100	<0.00500			<0.00500	<0.000200			<0.0100	<0.00500				633					13.5			9.30	610	
05/18/09		0.0174	0.776		<0.00100	<0.00500			<0.00500	<0.000200			<0.0100	<0.00500				535					11.1			8.68	258	
08/19/09		<0.0100	1.14		<0.00100	<0.00500			<0.00500	<0.000200			<0.0100	<0.00500				623					13.3			6.57	676	
10/30/09		<0.0100	1.04		<0.00100	<0.00500			<0.00500	<0.000200			<0.0100	<0.00500				599					14.0			7.46	560	
Field Point MW-9	Well Screen Interval (feet): 27.64-42.64																											
07/21/06		0.0298	0.918		<0.00100	0.0354			0.0078	<0.000200			<0.0100	<0.00500				1010					103			157	900	
02/06/07		0.0291	0.284		<0.00100	0.0075			<0.00500	<0.000200			<0.0100	<0.00500				717					92			89.0	1110	
04/15/08		0.0694	1.61		0.0023	0.0473			0.0126	<0.000200			<0.0100	<0.00500				2410					85.5			47.5	684	
09/21/08		0.0274	0.100		<0.00100	<0.00500			<0.00500	<0.000200			<0.0100	<0.00500				572					73.3			40.7	520	
05/18/09		0.0234	0.0961		<0.00100	<0.00500			<0.00500	<0.000200			<0.0100	<0.00500				584					61.0			38.3	644	
08/19/09		0.0185	0.102		<0.00100	<0.00500			<0.00500	<0.000200			<0.0100	<0.00500				578					75.8			37.9	744	
10/30/09		0.0203	0.0993		<0.00100	<0.00500			<0.00500	<0.000200			<0.0100	<0.00500				534					79.3			39.3	610	
10/13/11		0.0147	0.122		<0.00100	<0.00500			0.0059	<0.000200			<0.0100	<0.00500									101			27.5		
07/17/12		0.0175	0.0972		<0.00100	<0.00500			<0.00500	<0.000200			<0.0100	<0.00500				516					105			21.8	771	
10/03/12		0.0277	0.0878		<0.00100	<0.00500			<0.00500	<0.000200			<0.0100	<0.00500									105			23	1130	

TABLE 6 CUMULATIVE GROUNDWATER ANALYTICAL RESULTS FOR METALS AND ADDITIONAL PARAMETERS Gladiola Station Lea County, New Mexico																												
Date	Antimony (mg/L)	Arsenic (mg/L)	Barium (mg/L)	Beryllium (mg/L)	Cadmium (mg/L)	Chromium (mg/L)	Cobalt (mg/L)	Copper (mg/L)	Lead (mg/L)	Mercury (mg/L)	Molybdenum (mg/L)	Nickel (mg/L)	Selenium (mg/L)	Silver (mg/L)	Thallium (mg/L)	Vanadium (mg/L)	Zinc (mg/L)	Alkalinity (mg/L)	Bicarbonate (mg/L)	Bromide (mg/L)	Calcium (mg/L)	Chloride (mg/L)	Magnesium (mg/L)	Potassium (mg/L)	Sodium (mg/L)	Sulfate (mg/L)	TDS (mg/L)	
NMED WQCC HHS	0.006	0.01	2	0.004	0.005	0.015	---	---	0.05	0.002	---	---	0.05	0.05	0.002	---	---	---	---	---	---	---	---	---	---	---	---	---
NMED WQCC DWS	---	---	---	---	---	---	---	1.0	---	---	---	---	---	---	---	---	10.0	---	---	---	---	---	250.0	---	---	---	---	---
NMED WQCC IU	---	---	---	---	---	---	0.05	---	---	---	1.0	0.2	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Field Point MW-10	Well Screen Interval (feet): 28.08-43.08																											
07/21/06		<0.0100	0.324		<0.00100	0.0136			<0.00500	0.000822			<0.0100	<0.00500				748					500			85.2	1520	
02/06/07		<0.0100	0.112		<0.00100	<0.00500			<0.00500	<0.000200			<0.0100	<0.00500				602					6.72			105	1630	
04/15/08		0.0439	0.981		0.0044	0.0625			0.0277	0.001950			0.0256	<0.00500				3250					439			97.4	1530	
09/21/08		<0.0100	0.0858		<0.00100	<0.00500			<0.00500	<0.000200			<0.0100	<0.00500				676					414			79.6	1000	
05/18/09		<0.0100	0.0839		<0.00100	<0.00500			<0.00500	<0.000200			<0.0100	<0.00500				675					430			74.1	1490	
08/19/09		<0.0100	0.0763		<0.00100	<0.00500			<0.00500	0.000818			<0.0100	<0.00500				660					421			80.8	1510	
10/30/09		<0.0100	0.0781		<0.00100	<0.00500			<0.00500	<0.000200			<0.0100	<0.00500				614					394			89.7	1370	
10/13/11		<0.0100	0.0656		<0.00100	<0.00500			0.0057	0.000998			<0.0100	<0.00500									356			91.7		
07/17/12		0.0108	0.0696		<0.00100	<0.00500			<0.00500	0.000338			<0.0100	<0.00500				577					283			94.0	1400	
10/03/12		<0.0100	0.0672		<0.00100	<0.00500			<0.00500	0.00106			<0.0100	<0.00500				595					259			99.2	1450	
05/15/13		0.0055 J	0.0677		<0.000200	<0.0012			0.0113	<0.00015			<0.0064	<0.0013				585					218			95.9	1400	
05/15/13 D		0.0091 J	0.0703		<0.000200	<0.0012			0.0104	<0.00015			0.0115	<0.0013				607					188			95.6	1350	
01/29/14		0.0066 J	0.0632		<0.000200	<0.0012			<0.0035	<0.00015			<0.0064	<0.0013				666					161			88.7	1220 B	
11/19/14		<0.0100	0.059		<0.00100	<0.00500			<0.00500	<0.000200			<0.0100	<0.00500				590					170			92	1300	
11/19/14 D		<0.0100	0.061		<0.00100	<0.00500			<0.00500	<0.000200			<0.0100	<0.00500				600					170			88	1300	
05/24/17		0.00638 J	0.188		<0.0100	0.00742 J			<0.0100	0.00481			<0.0150	0.00162 J				636					130			69	1080	
11/29/17		0.0294	0.321		<0.0100	0.0154			<0.0100	0.00319			0.0184	<0.00500				691					130			67	1080	
07/20/18		<0.0100	0.0986		<0.0100	0.00305 J			0.00666 J	0.000779 B			0.0235	<0.00500				600					140			100	1110	
03/07/19		<0.100	0.114		<0.0100	<0.0500			0.0128 J	0.000765			<0.100	<0.0100				580					130			56	955	
12/22/21		0.0575	0.615		0.0011 J	0.0082			0.0102	0.000325 H			0.0137 J	<0.010														

TABLE 6 CUMULATIVE GROUNDWATER ANALYTICAL RESULTS FOR METALS AND ADDITIONAL PARAMETERS Gladiola Station Lea County, New Mexico																											
Date	Antimony (mg/L)	Arsenic (mg/L)	Barium (mg/L)	Beryllium (mg/L)	Cadmium (mg/L)	Chromium (mg/L)	Cobalt (mg/L)	Copper (mg/L)	Lead (mg/L)	Mercury (mg/L)	Molybdenum (mg/L)	Nickel (mg/L)	Selenium (mg/L)	Silver (mg/L)	Thallium (mg/L)	Vanadium (mg/L)	Zinc (mg/L)	Alkalinity (mg/L)	Bicarbonate (mg/L)	Bromide (mg/L)	Calcium (mg/L)	Chloride (mg/L)	Magnesium (mg/L)	Potassium (mg/L)	Sodium (mg/L)	Sulfate (mg/L)	TDS (mg/L)
NMED WQCC HHS	0.006	0.01	2	0.004	0.005	0.015	---	---	0.05	0.002	---	---	0.05	0.05	0.002	---	---	---	---	---	---	---	---	---	---	---	---
NMED WQCC DWS	---	---	---	---	---	---	---	1.0	---	---	---	---	---	---	---	---	10.0	---	---	---	---	---	250.0	---	---	---	---
NMED WQCC IU	---	---	---	---	---	---	0.05	---	---	---	1.0	0.2	---	---	---	---	---	---	---	---	---	---	---	---	---	600.0	1000.0
Field Point MW-11	Well Screen Interval (feet): 29.00-44.00																										
04/30/08		<0.0100	0.159		<0.00100	<0.00500			<0.00500	0.000224			<0.0100	<0.00500				528					213			128	1120
09/21/08		<0.0100	0.0480		<0.00100	<0.00500			<0.00500	<0.000200			<0.0100	<0.00500				553					524			130	1440
05/18/09		<0.0100	0.0562		<0.00100	<0.00500			<0.00500	<0.000200			<0.0100	<0.00500				572					503			125	1490
08/19/09		<0.0100	0.0483		<0.00100	<0.00500			<0.00500	<0.000200			<0.0100	<0.00500				577					517			121	1550
10/30/09		<0.0100	0.0534		<0.00100	<0.00500			<0.00500	<0.000200			<0.0100	<0.00500				539					502			127	1350
10/13/11		<0.0100	0.051		<0.00100	<0.00500			0.005	<0.000200			<0.0100	<0.00500									428			117	
07/17/12		0.0142	0.0531		<0.00100	<0.00500			<0.00500	0.000200			<0.0100	<0.00500				452					422			124	1570
10/03/12		0.0171	0.0551		<0.00100	<0.00500			<0.00500	0.000200			<0.0100	<0.00500				490					405			121	1500
05/15/13		0.0084 J	0.054		<0.000200	<0.0012			0.0138	<0.00015			0.0239	<0.0013				497					392			123	1500
01/28/14		0.0074 J	0.0465		<0.000200	<0.0012			<0.0035	<0.00015			<0.0064	<0.0013				513					393			122	1370
06/18/14		<0.0072	0.0445		0.0007 J	<0.00300			<0.002	<0.00015			<0.00500	<0.0025				485					351 B			114	1340
11/19/14		<0.0100	0.044		<0.00100	<0.00500			<0.00500	<0.000200			<0.0100	<0.00500				480					320			120	1400
12/08/15		<0.0100	0.0462		<0.00100	<0.00500			<0.00500	<0.000200			<0.0100	<0.00500				498					272			108	1270
04/27/16		<0.0100	0.0458		<0.00100	<0.00500			<0.00500	<0.000200			<0.0100	<0.00500				479					257			99.7	1250
10/25/16		<0.0100	0.0427		<0.00100	<0.00500			<0.00500	<0.000200			<0.0100	<0.00500				465					253			<20.0	1160
05/24/17		0.00968 J	0.0387		<0.0100	<0.0100			<0.0100	<0.000200			<0.0150	<0.00500				460					220			120	1100
11/29/17		<0.0100	0.0530		<0.0100	0.00570 J			<0.0100	<0.000200			0.0185	0.00189 J				454					210			110	1090
07/18/18		0.00561 J	0.0445		<0.0100	<0.0100			<0.0100	0.000163 BJ			<0.0150	0.00260 J				440					170			68	1040
03/07/19		<0.100	0.0425		<0.0100	<0.0500			<0.0500	0.000240			<0.100	<0.0100				420					190			100	960
10/03/19		<0.100	0.0453		<0.0100	0.0124 J			0.0238 J	0.0000707			0.0346 J	<0.0100				471					157			90	950
06/25/20		<0.100	0.0373		<0.0100	<0.0500			0.0172 J	<0.000500			<0.100	<0.0100				455					110			100	835
12/16/20		<0.100	0.0394		0.00353 J	<0.0500			0.0169 J	<0.000500			<0.100	<0.0100				412					158				800
07/01/21		<0.100	0.0580		0.00260 J	<0.0500			0.0102 J	0.000136 J			<0.100	<0.0100				420					147				985
12/21/21		0.0164 J	0.0441		<0.00500	<0.00500			<0.00500	<0.000248			<0.020	<0.010									141				1020 H
05/25/22		<0.100	0.0407		<0.0100	<0.0500			<0.0500	<0.000200			<0.100	<0.0100				429					148				908
12/30/22		<0.100	0.0372 B		<0.0100	<0.0500			<0.0500	<0.000200			<0.0500	<0.0100				393					155				952
06/21/23		<0.100	0.0518		<0.0100	<0.0500			<0.0500	<0.000200			<0.0500	<0.0100				304					150				938
12/06/23		<0.100	0.142 B		<0.0100	0.129			<0.0500	<0.000200			<0.0500	<0.0100				383	383	1.3	125	159	45.7	3.76	168	90	968
06/04/24		<0.100	0.0542		<0.0100	0.0136 J			<0.0500	<0.000200			<0.0500	<0.0100				434	434	1.2	105	104	45.1	3.47	143 B	91	886
Field Point MW-12	Well Screen Interval (feet): 30.00-45.00																										
04/30/08		0.0278	2.23		<0.00100	0.0132			0.0082	<0.000200			<0.0100	<0.00500				995					10.7			8.19	657
09/21/08		0.0238	5.10		0.00130	<0.00500			<0.00500	<0.000200			<0.0100	<0.00500				755					25.1			1.62	708
05/19/09		0.0233	5.82		<0.00100	<0.00500			<0.00500	<0.000200			<0.0100	<0.00500				777					30.3			<1.00	2390
08/19/09		0.0177	6.02		<0.00100	<0.00500			<0.00500	<0.000200			<0.0100	<0.00500				778					28.2			<1.00	750
10/30/09		0.0196	6.63		<0.00100	<0.00500			<0.00500	<0.000200			<0.0100	<0.00500				727					24.7			<1.00	1260
10/13/11		0.01	7.88		<0.00100	<0.00500			0.0063	<0.000200			<0.0100	<0.00500									17.5			1.32	
07/17/12		0.0133	8.44		<0.00100	<0.00500			<0.00500	<0.000200			<0.0100	<0.00500				707					13.4			1.18	757
10/03/12		<0.0100	8.32		<0.00100	<0.00500			<0.00500	<0.000200			<0.0100	<0.00500				694					15.3			<1.00	724
12/07/23		0.0200 J																708	708	0.11 J	74.6	0.906 J	139	1.27	20.2 B	0.59 J	820
Field Point MW-13	Well Screen Interval (feet): 30.00-45.00																										
04/30/08		0.0221	1.41		<0.00100	0.0134			0.0104	<0.000200			<0.0100	<0.00500				870					61.9			209	1920 A-01
09/21/08		0.0377	3.54		<0.00100	<0.00500			<0.00500	<0.000200			<0.0100	<0.00500				751					4.62			1.20	748
05/19/09		0.0321	4.04		<0.00100	<0.00500			<0.00500	<0.000200			<0.0100	<0.00500				800					5.99			<1.00	252
08/19/09		0.0249	4.44		<0.00100	<0.00500			<0.00500	<0.000200			<0.0100	<0.00500				781					4.76			<1.00	800
10/30/09		0.0275	4.47		<0.00100	<0.00500			<0.00500	<0.000200			<0.0100	<0.00500				745					5.99			1.4	580

TABLE 6 CUMULATIVE GROUNDWATER ANALYTICAL RESULTS FOR METALS AND ADDITIONAL PARAMETERS Gladiola Station Lea County, New Mexico																												
Date	Antimony (mg/L)	Arsenic (mg/L)	Barium (mg/L)	Beryllium (mg/L)	Cadmium (mg/L)	Chromium (mg/L)	Cobalt (mg/L)	Copper (mg/L)	Lead (mg/L)	Mercury (mg/L)	Molybdenum (mg/L)	Nickel (mg/L)	Selenium (mg/L)	Silver (mg/L)	Thallium (mg/L)	Vanadium (mg/L)	Zinc (mg/L)	Alkalinity (mg/L)	Bicarbonate (mg/L)	Bromide (mg/L)	Calcium (mg/L)	Chloride (mg/L)	Magnesium (mg/L)	Potassium (mg/L)	Sodium (mg/L)	Sulfate (mg/L)	TDS (mg/L)	
NMED WQCC HHS	0.006	0.01	2	0.004	0.005	0.015	---	---	0.05	0.002	---	---	0.05	0.05	0.002	---	---	---	---	---	---	---	---	---	---	---	---	---
NMED WQCC DWS	---	---	---	---	---	---	---	1.0	---	---	---	---	---	---	---	---	10.0	---	---	---	---	---	250.0	---	---	---	---	---
NMED WQCC IU	---	---	---	---	---	---	0.05	---	---	---	1.0	0.2	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Field Point MW-14	Well Screen Interval (feet): 27.00-42.00																											
04/30/08		0.0172	0.193		<0.00100	0.0063			<0.00500	<0.000200			<0.0100	<0.00500				780					5.21			195	919	
09/21/08		0.0572	0.181		<0.00100	<0.00500			<0.00500	<0.000200			<0.0100	<0.00500				647					4.71			19.7		
05/19/09		0.0159	0.165		<0.00100	<0.00500			<0.00500	<0.000200			<0.0100	<0.00500				663					4.85			11.2	698	
08/19/09		0.0271	0.196		<0.00100	<0.00500			<0.00500	<0.000200			<0.0100	<0.00500				656					5.14			15.7	702	
10/30/09		0.0261	0.196		<0.00100	<0.00500			<0.00500	<0.000200			<0.0100	<0.00500				604					5.01			16.7	510	
10/13/11		0.0325	0.38		<0.00100	<0.00500			0.0058	<0.000200			<0.0100	<0.00500									4.42			17.7		
07/17/12		0.0592	0.318		<0.00100	<0.00500			<0.00500	<0.000200			<0.0100	<0.00500				582					3.82			26.2	712	
10/03/12		0.0308	0.294		<0.00100	<0.00500			<0.00500	<0.000200			<0.0100	<0.00500				593					4.47			20.3	733	
Field Point MW-15	Well Screen Interval (feet): 29.00-44.00																											
04/30/08		0.0259	2.16		<0.00100	0.0152			0.0084	<0.000200			<0.0100	0.0065				1050					8.74			31.9	641	
09/21/08		0.0282	5.87		0.0014	<0.00500			<0.00500	<0.000200			<0.0100	<0.00500				808					10.4			1.02		
05/19/09		0.0267	6.47		<0.00100	<0.00500			<0.00500	<0.000200			<0.0100	<0.00500				886					10.0		<1.00	850		
08/19/09		0.0254	6.05		<0.00100	<0.00500			<0.00500	<0.000200			<0.0100	<0.00500				891					11.6		<1.00	850		
10/30/09		0.0256	4.5		<0.00100	<0.00500			<0.00500	<0.000200			<0.0100	<0.00500				738					5.41		<1.00	570		
Field Point MW-16	Well Screen Interval (feet): 26.50-41.50																											
04/30/08		0.0107	1.02		<0.00100	0.0097			0.0058	<0.000200			<0.0100	<0.00500				750					16.6			52.5	726 A-01	
09/21/08		0.0153	1.40		<0.00100	<0.00500			<0.00500	<0.000200			<0.0100	<0.00500				762					9.87			3.28	716	
05/18/09		0.0167	1.59		<0.00100	<0.00500			<0.00500	<0.000200			<0.0100	<0.00500				783					8.84			1.69	776	
08/19/09		0.0136	1.73		<0.00100	<0.00500			<0.00500	<0.000200			<0.0100	<0.00500				791					9.37			1.67	750	
10/30/09		0.0136	1.79		<0.00100	<0.00500			<0.00500	<0.000200			<0.0100	<0.00500				732					8.38			1.83	410	
10/30/09 D		0.0152	2.04		<0.00100	<0.00500			<0.00500	<0.000200			<0.0100	<0.00500				730					8.8			1.51	260	
10/13/11		0.0142	2.21			0.0051	<0.00500		0.0074	<0.000200			<0.0100	<0.00500									6.19			2.08		
07/17/12		0.0147	1.86		<0.00100	<0.00500			<0.00500	<0.000200			<0.0100	<0.00500				726					4.83			2.32	788	
10/03/12		0.0193	1.93		<0.00100	<0.00500			<0.00500	<0.000200			<0.0100	<0.00500				721					7			1.81	769	
Field Point MW-17	Well Screen Interval (feet): 29.50-44.50																											
08/19/09		0.0475	1.98		<0.00100	<0.00500			<0.00500	<0.000200			<0.0100	<0.00500				748					11.7			1.09	725	
10/30/09		0.0541	1.69		<0.00100	<0.00500			<0.00500	<0.000200			<0.0100	<0.00500				719					11		<1.00	210		
10/13/11		0.036	3.61		<0.00100	<0.00500			0.0065	<0.000200			<0.0100	<0.00500									7.35			1.34		
07/17/12		0.0238	0.0206		<0.00100	<0.00500			<0.00500	<0.000200			<0.0100	<0.00500				714					5.93			1.43	747	
10/03/12		0.0418	4.51		<0.00100	<0.00500			<0.00500	<0.000200			<0.0100	<0.00500				698					7.12		<1.00	718		
11/29/17		0.0192	10.2		<0.0100	<0.0100			<0.0100	<0.000200			<0.0150	<0.00500				896					14		0.55 J	815		
07/18/18		<0.0100	9.58		<0.0100	0.00471 J			<0.0100	0.0000984 BJ			<0.0150	<0.00500				850					5.6		<1.0	1000		
03/06/19		<0.100	10.3		<0.0100	<0.0500			<0.0500	<0.000200			<0.100	<0.0100				860					7.7		<1.0	845		
10/03/19		<0.100	9.99		<0.0100	<0.0500			0.0286 J	0.0000580			0.0297 J	<0.0100				847					4.63		<10	840		
06/25/20		<0.100	9.45		<0.0100	<0.0500			0.0148 J	<0.000500			<0.100	<0.0100				859					2.62		<10	855		
12/16/20		0.0226 J	11.0		0.00415 J	0.00691 J			0.0140 J	<0.000500			<0.100	<0.0100				1060					6.64				860	
06/30/21		0.0259 J	13.1		0.00417 J	<0.0500			<0.0500	<0.000248			<0.100	<0.0100				1040					6.85				920	
12/21/21		<0.00200	13.1		0.0027 J	<0.00500			<0.00500	<0.000248			<0.020	<0.010									4.43				1070 H	
05/25/22		0.0240 J	11.4		<0.0100	<0.0500			<0.0500	<0.000200			<0.100	<0.0100				1080					7.15				1010	
12/29/22		0.0262 J	12.0		<0.0100	<0.0500			<0.0500	<0.000200			<0.0500	<0.0100				1020					4.43				1080	
06/20/23		<0.100	11.0		<0.0100	<0.0500			<0.0500	<0.000200			<0.0500	<0.0100				995					5.03				1050	
12/07/23		<0.100	12.1		<0.0100	<0.0500			<0.0500	<0.000200			<0.0500	<0.0100				976	976	0.40	50.9	5.54	219	1.25	32.5	0.36 J	1080	
06/04/24		0.0206 J	10.2		<0.0100	<0.0500			<0.0500	0.000156 J			<0.0500	<0.0100				949	949	0.48	51.4	4.53	215	1.26	30.6 B	0.24 J	949	

TABLE 6 CUMULATIVE GROUNDWATER ANALYTICAL RESULTS FOR METALS AND ADDITIONAL PARAMETERS Gladiola Station Lea County, New Mexico																												
Date	Antimony (mg/L)	Arsenic (mg/L)	Barium (mg/L)	Beryllium (mg/L)	Cadmium (mg/L)	Chromium (mg/L)	Cobalt (mg/L)	Copper (mg/L)	Lead (mg/L)	Mercury (mg/L)	Molybdenum (mg/L)	Nickel (mg/L)	Selenium (mg/L)	Silver (mg/L)	Thallium (mg/L)	Vanadium (mg/L)	Zinc (mg/L)	Alkalinity (mg/L)	Bicarbonate (mg/L)	Bromide (mg/L)	Calcium (mg/L)	Chloride (mg/L)	Magnesium (mg/L)	Potassium (mg/L)	Sodium (mg/L)	Sulfate (mg/L)	TDS (mg/L)	
NMED WQCC HHS	0.006	0.01	2	0.004	0.005	0.015	---	---	0.05	0.002	---	---	0.05	0.05	0.002	---	---	---	---	---	---	---	---	---	---	---	---	---
NMED WQCC DWS	---	---	---	---	---	---	---	1.0	---	---	---	---	---	---	---	---	10.0	---	---	---	---	---	250.0	---	---	---	---	---
NMED WQCC IU	---	---	---	---	---	---	0.05	---	---	---	1.0	0.2	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Field Point MW-18	Well Screen Interval (feet): 27.00-42.00																											
08/19/09		0.0178	0.144		<0.00100	<0.00500			<0.00500	<0.000200			<0.0100	<0.00500				961					113			232	1510	
10/30/09		0.0377	0.249		<0.00100	<0.00500			<0.00500	<0.000200			<0.0100	<0.00500				989					28.1			42.8	890	
10/13/11		0.0102	0.138		<0.00100	<0.00500			0.0065	<0.000200			<0.0100	<0.00500									46.6			15.7		
12/07/23		<0.100																1180	1180	0.64	45.5	68.3	94.1	1.62	455	7.4	1600	
Field Point MW-19	Well Screen Interval (feet): 27.00-42.00																											
08/19/09		0.0203	0.0352		<0.00100	<0.00500			<0.00500	<0.000200			<0.0100	<0.00500				224					29.6			145	554	
10/30/09		0.0169	0.0374		<0.00100	<0.00500			<0.00500	<0.000200			<0.0100	<0.00500				209					23.1			148	380	
10/13/11		0.0197	0.0321		<0.00100	<0.00500			0.0052	<0.000200			<0.0100	<0.00500									30			140		
07/17/12		0.0237	0.0357		<0.00100	<0.00500			<0.00500	<0.000200			<0.0100	<0.00500				196					32.2			150	595	
10/03/12		0.0308	0.0271		<0.00100	<0.00500			<0.00500	<0.000200			<0.0100	<0.00500				195					33.8			151	579	
05/15/13		0.0185	0.0307		<0.000200	<0.0012			0.0099	<0.00015			<0.0064	<0.0013				189					36			156	585	
01/29/14		0.028	0.0281		<0.000200	<0.0012			0.0039 J	<0.00015			<0.0064	<0.0013				203					40.9			163	570 B	
06/18/14		0.0161	0.0247		0.0006 J	<0.00300			<0.002	<0.00015			0.0083 J	<0.0025				192					43.6 B			176	621	
11/18/14		0.02	0.023		<0.00100	<0.00500			0.0098	<0.000200			<0.0100	<0.00500				190					43			170	610	
12/09/15		0.0275	0.0242		<0.00100	<0.00500			<0.00500	<0.000200			<0.0100	<0.00500				234					41.2			162	610	
04/27/16		0.0253	0.0265		<0.00100	<0.00500			<0.00500	<0.000200			0.0108	<0.00500				248					39.5			131	623	
10/25/16		0.0240	0.0288		<0.00100	<0.00500			<0.00500	<0.000200			<0.0100	<0.00500				296					32.7			152	617	
05/24/17		0.0327	0.0496		<0.0100	<0.0100			<0.0100	<0.000200			<0.0150	<0.00500				342					25			150	620	
11/29/17		0.0382	0.0579		<0.0100	0.116			<0.0100	<0.000200			0.00751 J	<0.00500				361					23			130	605	
07/18/18		0.0388	0.0497		<0.0100	<0.0100			<0.0100	0.000112 BJ			<0.0150	<0.00500				300					36			120	610	
03/05/19		<0.100	0.0458		<0.0100	<0.0500			0.00991 J	<0.000200			<0.100	<0.0100				330					36			110	515	
10/02/19		<0.100	0.0477		<0.0100	0.00788 J			<0.0500	0.0000658			<0.100	<0.0100				325					36.2			100	515	
06/24/20		0.0299 J	0.0520		<0.0100	<0.0500			0.0152 J	<0.000500			<0.100	<0.0100				306					43.9			110	595	
12/15/20		<0.100	0.0860 F1		0.00321 J	0.0451 J			0.0198 J	<0.000500			<0.100	<0.0100				415					40.9				635	
12/07/23		<0.100																491	491	0.39	68	40.2	39.7	2.33	129 B	3.5	691	
Field Point MW-20	Well Screen Interval (feet): 29.50-44.50																											
08/19/09		<0.0100	0.0908		<0.00100	<0.00500			<0.00500	<0.000200			0.015	<0.00500				187					440			417	1580	
10/30/09		<0.0100	0.0705		<0.00100	<0.00500			<0.00500	<0.000200			0.0148	<0.00500				235					301			386	1230	
10/13/11		<0.0100	0.0521		<0.00100	<0.00500			0.0057	<0.000200			0.0212	<0.00500									391			428		
07/17/12		0.0115	0.0481		<0.00100	<0.00500			<0.00500	<0.000200			0.0295	<0.00500				241					423			528	1870	
10/03/12		0.0183	0.0476		<0.00100	<0.00500			<0.00500	<0.000200			0.0382	<0.00500				208					506			682	2090	
05/15/13		0.0167	0.0377		<0.000200	<0.0012			<0.0017	<0.00015			0.0446	<0.0013				226					551			786	2370	
01/29/14		0.0152	0.0321		<0.000200	<0.0012			<0.0035	0.00042			0.0402	<0.0013				268					538			719	2170 B	
06/18/14		<0.0072	0.0322		0.0009 J	<0.00300			<0.002	0.000203			0.0354	<0.0025				257					527 B			756	2280	
11/18/14		<0.0100	0.04		<0.00100	<0.00500			<0.00500	<0.000200			0.024	<0.00500				250					530			710	2100	

TABLE 6 CUMULATIVE GROUNDWATER ANALYTICAL RESULTS FOR METALS AND ADDITIONAL PARAMETERS Gladiola Station Lea County, New Mexico																												
Date	Antimony (mg/L)	Arsenic (mg/L)	Barium (mg/L)	Beryllium (mg/L)	Cadmium (mg/L)	Chromium (mg/L)	Cobalt (mg/L)	Copper (mg/L)	Lead (mg/L)	Mercury (mg/L)	Molybdenum (mg/L)	Nickel (mg/L)	Selenium (mg/L)	Silver (mg/L)	Thallium (mg/L)	Vanadium (mg/L)	Zinc (mg/L)	Alkalinity (mg/L)	Bicarbonate (mg/L)	Bromide (mg/L)	Calcium (mg/L)	Chloride (mg/L)	Magnesium (mg/L)	Potassium (mg/L)	Sodium (mg/L)	Sulfate (mg/L)	TDS (mg/L)	
NMED WQCC HHS	0.006	0.01	2	0.004	0.005	0.015	---	---	0.05	0.002	---	---	0.05	0.05	0.002	---	---	---	---	---	---	---	---	---	---	---	---	---
NMED WQCC DWS	---	---	---	---	---	---	---	1.0	---	---	---	---	---	---	---	---	10.0	---	---	---	---	---	250.0	---	---	---	---	---
NMED WQCC IU	---	---	---	---	---	---	0.05	---	---	---	1.0	0.2	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
Field Point MW-21	Well Screen Interval (feet): 29.50-44.50																											
08/19/09		0.0248	0.0263		<0.00100	<0.00500			<0.00500	<0.000200			0.0126	<0.00500				248					38.8			666	1360	
10/30/09		0.0245	0.0216		<0.00100	<0.00500			<0.00500	<0.000200			0.0146	<0.00500				222					39.3			816	1340	
10/13/11		0.0311	0.0155		0.004	<0.00500			0.0052	<0.000200			0.0107	<0.00500									26.7			634		
07/17/12		0.0349	0.0161		<0.00100	<0.00500			<0.00500	<0.000200			<0.0100	<0.00500				232					21.1			559	1270	
10/03/12		0.0435	0.0131		<0.00100	<0.00500			<0.00500	<0.000200			0.011	<0.00500				242					23.3			597	1260	
05/15/13		0.0251	0.0154		<0.000200	<0.0012			0.0082	<0.00015			0.0224	<0.0013				239					18.9			535	1140	
01/29/14		0.0355	0.0132		<0.000200	<0.0012			<0.0035	<0.00015			<0.0064	<0.0013				263					14.7			422	972 B	
06/18/14		0.0307	0.0125		0.0008 J	<0.00300			<0.002	<0.00015			0.008 J	<0.0025				353					12.8 B			383	932	
11/18/14		0.0310	0.013		<0.00100	<0.00500			<0.00500	<0.000200			<0.0100	<0.00500				250					12			360	860	
12/08/15		0.0344	0.0138		<0.00100	<0.00500			<0.00500	<0.000200			<0.0100	<0.00500				286					10.3			323	875	
04/27/16		0.0355	0.0145		<0.00100	<0.00500			<0.00500	<0.000200			<0.0100	<0.00500				288					9.67			306	849	
10/25/16		0.0341	0.0157		<0.00100	0.0154			<0.00500	<0.000200			<0.0100	<0.00500				281					13.4			322	828	
Field Point MW-22	Well Screen Interval (feet): 30.00-45.00																											
10/30/09		0.013	0.0376		<0.00100	<0.00500			<0.00500	<0.000200			<0.0100	<0.00500				213					42.4			266	630	
10/13/11		0.018	0.023		<0.00100	<0.00500			0.0059	<0.000200			<0.0100	<0.00500									41.3			288		
07/17/12		0.0353	4.49		<0.00100	<0.00500			<0.00500	<0.000200			<0.0100	<0.00500				206					40.1			274	806	
10/03/12		0.0232	0.0197		<0.00100	<0.00500			<0.00500	<0.000200			<0.0100	<0.00500				223					42.5			280	792	
05/15/13		0.0209	0.0204		<0.000200	<0.0012			0.0085	<0.00015			0.0161	<0.0013				212					41.7			293	782	
01/29/14		0.0288	0.0191		<0.000200	<0.0012			0.0044 J	<0.00015			0.0066 J	<0.0013				236					42.8			242	750 B	
01/29/14 D		0.0299	0.0188		<0.000200	<0.0012			<0.00035	<0.00015			0.0067 J	<0.0013				233					42.8			257	750 B	
06/18/14		0.0179	0.0192		0.0007 J	<0.00300			<0.002	<0.000150			0.0096 J	<0.0025				221					42.7 B			248	776	
11/19/14		0.019	0.018		<0.00100	<0.00500			<0.00500	<0.000200			<0.0100	<0.00500				230					41			240	800	
12/08/15		0.0176	0.0221		<0.00100	<0.00500			<0.00500	<0.000200			<0.0100	<0.00500				260					33.2			204	689	
04/27/16		0.0201	0.0215		<0.00100	<0.00500			<0.00500	<0.000200			<0.0100	<0.00500				256					33.6			184	664	
10/25/16		0.0190	0.0283		<0.00100	0.00700			<0.00500	<0.000200			<0.0100	<0.00500				236					37.4			22.4	709	
05/24/17		0.0141	0.0199		<0.0100	<0.0100			<0.0100	<0.000200			<0.0150	<0.00500				260					32			200	650	
11/29/17		0.0194	0.0259		<0.0100	<0.0100			<0.0100	<0.000200			<0.0150	<0.00500				250					32			190	675	
07/18/18		0.0236	0.0223		<0.0100	<0.0100			<0.0100	0.000161 BJ			0.0432	<0.00500				240					34			19	615	
03/06/19		<0.100	0.0212		<0.0100	<0.0500			0.012 J	<0.000200			<0.100	<0.0100				260					36			190	600	
10/03/19		<0.100	0.0251		<0.0100	<0.0500			0.0241 J	0.0000579			0.0249 J	<0.0100				273					31.8			160	590	
06/25/20		<0.100	0.0204		<0.0100	<0.0500			0.0162 J	<0.000500			<0.100	<0.0100				266					28.8			160	580	
12/16/20		<0.100	0.0268		0.00296 J	<0.0500			0.0186 J	<0.000500			<0.100	<0.0100				261					32.7				620	
07/01/21		<0.100	0.0425		0.00206 J	<0.0500			0.0147 J	0.000189 J			<0.100	<0.0100				276					31.3				630	
12/21/21		0.0091 J	12.8		0.0024 J	<0.00500			<0.00500	<0.000248			<0.020	<0.010									29.6				740 H	
05/25/22		<0.100	0.0212		<0.0100	<0.0500			<0.0500	<0.000200			<0.100	<0.0100				285					32.6				687	
12/30/22		<0.100	0.0226 B		<0.0100	<0.0500			<0.0500	<0.000200			<0.0500	<0.0100				269					31.6				687	
06/21/23		<0.100	0.0237		<0.0100	<0.0500			<0.0500	<0.000200			<0.0500	<0.0100				238					26.7				672	
12/06/23		<0.100	0.378 B		<0.0100	<0.0500			<0.0500	0.000161 J			<0.0500	<0.0100				375	375	0.71	107	79.0	46.9	2.74	77.5	82	729	
06/04/24		0.0227 J	0.0475		<0.0100	0.0350 J			0.00620 J	0.000161 J			<0.0500	<0.0100				283	283	0.37	868	28.6	28.8	2.78	105 B	150	662	

TABLE 6 CUMULATIVE GROUNDWATER ANALYTICAL RESULTS FOR METALS AND ADDITIONAL PARAMETERS Gladiola Station Lea County, New Mexico																												
Date	Antimony (mg/L)	Arsenic (mg/L)	Barium (mg/L)	Beryllium (mg/L)	Cadmium (mg/L)	Chromium (mg/L)	Cobalt (mg/L)	Copper (mg/L)	Lead (mg/L)	Mercury (mg/L)	Molybdenum (mg/L)	Nickel (mg/L)	Selenium (mg/L)	Silver (mg/L)	Thallium (mg/L)	Vanadium (mg/L)	Zinc (mg/L)	Alkalinity (mg/L)	Bicarbonate (mg/L)	Bromide (mg/L)	Calcium (mg/L)	Chloride (mg/L)	Magnesium (mg/L)	Potassium (mg/L)	Sodium (mg/L)	Sulfate (mg/L)	TDS (mg/L)	
NMED WQCC HHS	0.006	0.01	2	0.004	0.005	0.015	---	---	0.05	0.002	---	---	0.05	0.05	0.002	---	---	---	---	---	---	---	---	---	---	---	---	---
NMED WQCC DWS	---	---	---	---	---	---	---	1.0	---	---	---	---	---	---	---	---	10.0	---	---	---	---	---	250.0	---	---	---	600.0	1000.0
NMED WQCC IU	---	---	---	---	---	---	0.05	---	---	---	1.0	0.2	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
Field Point MW-23	Well Screen Interval (feet): 31.00-46.00																											
02/22/12		0.0258	0.061		<0.00100	<0.00500			<0.00500	<0.000200			<0.0100	<0.00500														
07/17/12		0.0307	0.0392		<0.00100	<0.00500			<0.00500	<0.000200			<0.0100	<0.00500				425					3.06			91.9	652	
10/03/12		0.0335	0.0334		<0.00100	<0.00500			<0.00500	<0.000200			<0.0100	<0.00500				412					3.34			79.4	654	
05/15/13		0.0259	0.037		<0.000200	<0.0012			0.0065	<0.00015			0.0129	<0.0013				377					2.85			73.6 J	635	
01/29/14		0.0343	0.0385		<0.000200	<0.0012			0.0052	<0.00015			<0.0064	<0.0013				393					3.76			109	597 B	
06/18/14		0.0308	0.0889		0.0007 J	0.0035 J			0.0027 J	<0.00015			0.0063 J	<0.0025				370					4.27 B			111	628	
11/18/14		0.033	0.053		<0.00100	<0.00500			<0.00500	<0.000200			<0.0100	<0.00500				370					3.9			100	630	
12/08/15		0.0452	0.102		<0.00100	<0.00500			<0.00500	<0.000200			<0.0100	<0.00500				476					4.59			42.9	624	
04/27/16		0.0577	0.768		<0.00100	0.0832			0.0314	<0.000200			<0.0100	<0.00500				429					6.70			51.9	607	
Field Point MW-25	Well Screen Interval (feet): 28.00-43.00																											
02/22/12		0.062	7.1		<0.00100	<0.00500			<0.00500	<0.000200			<0.0100	<0.00500														
Field Point MW-26	Well Screen Interval (feet): 30.00-45.00																											
02/22/12		0.0135	0.0408		<0.00100	<0.00500			<0.00500	<0.000200			<0.0100	<0.00500														
07/17/12		0.0123	0.0391		<0.00100	<0.00500			<0.00500	<0.000200			<0.0100	<0.00500				304					19.5			136	723	
10/03/12		0.0198	0.0296		<0.00100	<0.00500			<0.00500	<0.000200			<0.0100	<0.00500				307					24			165	736	
05/15/13		0.019	0.0366		<0.000200	<0.0012			<0.0017	<0.00015			0.0085 J	<0.0013				303					25.6			196	769	
01/29/14		0.0159	0.0335		<0.000200	<0.0012			<0.0035	<0.00015			<0.0064	<0.0013				332					26.6			192	751 B	
06/18/14		0.0133	0.0508		0.0006 J	<0.00300			<0.002	<0.00015			0.0068 J	<0.0025				307					25.3 B			188	787	
11/19/14		0.015	0.031		<0.00100	<0.00500			<0.00500	<0.000200			<0.0100	<0.00500				320					25			220	830	
12/08/15		0.0161	0.0530		<0.00100	<0.00500			<0.00500	<0.000200			<0.0100	<0.00500				336					24.8			204	781	
04/27/16		0.0165	0.111		<0.00100	<0.00500			0.00600	0.000399			<0.0100	<0.00500				308					31.7			98.6	771	
10/25/16		0.0300	1.37		0.00120	0.0404			0.0182	<0.000200			<0.0100	<0.00500				339					26.2			236	806	
05/24/17		<0.0100	0.136		<0.0100	<0.0100			<0.0100	0.000162 J			<0.0150	<0.00500				317					28			220	755	
11/29/17		0.0127	0.0633		<0.0100	<0.0100			<0.0100	<0.000200			<0.0150	<0.00500				355					24			200	735	
07/18/18		0.0249	0.0330		<0.0100	<0.0100			<0.0100	0.000129 BJ			0.0144 J	0.00155 J				320					30			170	720	
Field Point MW-27	Well Screen Interval (feet): 35.00-50.00																											
07/19/18		0.0226	0.0521		<0.0100	<0.0100			<0.0100	0.000115 BJ			0.0519	<0.00500				170					280			130	980	
03/06/19		<0.100	0.0460		<0.0100	<0.0500			0.0122 J	<0.000200			<0.100	<0.0100				160					310			130	810	
10/02/19		<0.100	0.0377		<0.0100	<0.0500			0.0138 J	0.000102			<0.100	<0.0100				176					278			110	815	
06/24/20		<0.100	0.0404		<0.0100	<0.0500			0.0249 J	<0.000500			<0.100	<0.0100				168					286			120	955	
12/15/20		<0.100	0.0471		0.00332 J	<0.0500			0.0287 J	<0.000500			<0.100	0.00309 J B				172					306				945	
06/30/21		<0.100	0.0662		0.00219 J	<0.0500			0.0176 J	<0.000248			<0.100	<0.0100				178					145				1050	
12/21/21		0.0166 J	0.0603		<0.00500	<0.00500			<0.00500	<0.000248			0.0121 J	<0.010									290				1290 H	
05/25/22		<0.100	0.0552		<0.0100	<0.0500			<0.0500	<0.000200			<0.100	<0.0100				190					288				966	
12/29/22		<0.100	0.0518 B		<0.0100	<0.0500			<0.0500	<0.000200			<0.0500	<0.0100				169					289				1140	
06/20/23		<0.100	0.0571		<0.0100	<0.0500			<0.0500	<0.000200			0.0167 J	<0.0100				168					288				1070	
12/07/23		<0.100	0.0458		<0.0100	<0.0500			<0.0500	<0.000200			<0.0500	<0.0100				162	162	0.80	135	297	28.6	3.05	129	140	1020	
06/04/24		<0.100	0.0436		<0.0100	<0.0500			<0.0500	<0.000200			<0.0500	<0.0100				186	186	0.85	134	297	27.7	2.98	125 B	140	1030	

TABLE 6 CUMULATIVE GROUNDWATER ANALYTICAL RESULTS FOR METALS AND ADDITIONAL PARAMETERS Gladiola Station Lea County, New Mexico																												
Date	Antimony (mg/L)	Arsenic (mg/L)	Barium (mg/L)	Beryllium (mg/L)	Cadmium (mg/L)	Chromium (mg/L)	Cobalt (mg/L)	Copper (mg/L)	Lead (mg/L)	Mercury (mg/L)	Molybdenum (mg/L)	Nickel (mg/L)	Selenium (mg/L)	Silver (mg/L)	Thallium (mg/L)	Vanadium (mg/L)	Zinc (mg/L)	Alkalinity (mg/L)	Bicarbonate (mg/L)	Bromide (mg/L)	Calcium (mg/L)	Chloride (mg/L)	Magnesium (mg/L)	Potassium (mg/L)	Sodium (mg/L)	Sulfate (mg/L)	TDS (mg/L)	
NMED WQCC HHS	0.006	0.01	2	0.004	0.005	0.015	---	---	0.05	0.002	---	---	0.05	0.05	0.002	---	---	---	---	---	---	---	---	---	---	---	---	---
NMED WQCC DWS	---	---	---	---	---	---	---	1.0	---	---	---	---	---	---	---	---	10.0	---	---	---	---	---	250.0	---	---	---	---	---
NMED WQCC IU	---	---	---	---	---	---	0.05	---	---	---	1.0	0.2	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Field Point MW-28	Well Screen Interval (feet): 35.00-50.00																											
07/19/18		0.0156	0.0874		<0.0100	<0.0100			<0.0100	0.000104 BJ			0.0300	0.00196 J				140					220			430	1060	
03/05/19		<0.100	0.0669		<0.0100	<0.0500			0.017 J	<0.000200			<0.100	<0.0100				140					220			440	1100	
10/02/19		<0.100	0.0607		<0.0100	0.0120 J			0.0156 J	0.000112			<0.100	<0.0100				154					207			380	955	
06/24/20		<0.100	0.0561		<0.0100	<0.0500			0.0285 J	<0.000500			0.0278 J	<0.0100				151					202			400	1180	
12/15/20		<0.100	0.0479		0.00280 J	<0.0500			0.0334 J	<0.000500			<0.100	<0.0100				150					209				1150	
06/30/21		<0.100	0.0555		0.00256 J	<0.0500			0.0152 J	<0.000248			<0.100	<0.0100				154					200				1170	
12/21/21		0.0089 J	0.0475		<0.00500	<0.00500			<0.00500	<0.000248			0.020	<0.010									195				1280 H	
05/25/22		<0.100	0.0437		<0.0100	<0.0500			<0.0500	<0.000200			<0.100	<0.0100				167					194				1150	
12/29/22		<0.100	0.0496 B		<0.0100	0.00370 J			<0.0500	<0.000200			<0.0500	<0.0100				154					189				1250	
06/20/23		<0.100	0.0424		<0.0100	<0.0500			<0.0500	<0.000200			<0.0500	<0.0100				145					186				1160	
12/06/23		0.0227 J	0.0454 B		<0.0100	0.00730 J			<0.0500	<0.000200			<0.0500	<0.0100				286	286	0.32	83.2	27.3	28.9	2.74	109	170	681	
06/04/24		<0.100	0.0443		<0.0100	<0.0500			<0.0500	<0.000200			0.0170 J	<0.0100				158	158	0.78	150	174	36.8	3.29	146 B	370	1170	
Field Point MW-29	Well Screen Interval (feet): 35.00-50.00																											
07/19/18		0.0213	0.0809		<0.0100	<0.0100			<0.0100	0.000116 BJ			0.0282	0.00145 J				170					190			100	805	
03/05/19		<0.100	0.0488		<0.0100	<0.0500			0.0118 J	<0.000200			<0.100	<0.0100				180					160			110	605	
10/02/19		<0.100	0.0434		<0.0100	<0.0500			0.0146 J	0.000105			<0.100	<0.0100				182					177			88	630	
06/24/20		<0.100	0.0496		<0.0100	<0.0500			0.0196 J	<0.000500			<0.100	<0.0100				175					189			100	730	
12/15/20		<0.100	0.0382		0.00256 J	<0.0500			0.0213 J	<0.000500			<0.100	<0.0100				178					180				660	
06/30/21		<0.100	0.0455		0.00203 J	<0.0500			0.0119 J	<0.000248			<0.100	<0.0100				182					148				720	
12/21/21		0.0125 J	0.0446		<0.00500	<0.00500			<0.00500	<0.000248			0.0123 J	<0.010									147				780 H	
05/24/22		<0.100	0.0336		<0.0100	<0.0500			<0.0500	<0.000200			<0.100	<0.0100				191					111				680	
12/29/22		<0.100	0.0431 B		<0.0100	<0.0500			<0.0500	<0.000200			<0.0500	<0.0100				178					164				734	
06/20/23		<0.100	0.0524		<0.0100	<0.0500			<0.0500	<0.000200			<0.0500	<0.0100				183					127				695	
12/06/23		0.0233 J	0.476 B		<0.0100	0.00920 J			<0.0500	<0.000200			<0.0500	<0.0100				158	158	0.90	180	389	37.2	3.73	133	89	1160	
06/04/24		<0.100	0.0441		<0.0100	<0.0500			<0.0500	<0.000200			<0.0500	<0.0100				175	175	0.47	99.5	194	24.5	2.69	109 B	100	789	
Field Point MW-30	Well Screen Interval (feet): 35.00-50.00																											
07/19/18		0.00958 J	0.0590		<0.0100	<0.0100			<0.0100	0.000102 BJ			<0.0150	<0.00500				170					170			100	725	
03/05/19		<0.100	0.0490		<0.0100	<0.0500			0.0105 J	<0.000200			<0.100	<0.0100				160					190			110	690	
10/02/19		<0.100	0.0441		<0.0100	0.00705 J			0.0138 J	0.000161			<0.100	<0.0100				172					197			84	715	
06/24/20		<0.100	0.0474		<0.0100	<0.0500			0.0228 J	<0.000500			<0.100	<0.0100				165					197			91	800	
12/15/20		<0.100	0.0538		0.00263 J	<0.0500			0.0232 J	<0.000500			<0.100	<0.0100				165					194				625	
06/30/21		<0.100	0.0576		0.00238 J	<0.0500			0.0141 J	<0.000248			<0.100	<0.0100				169					151				720	
12/21/21		0.0156 J	0.0535		<0.00500	<0.00500			<0.00500	<0.000248			<0.020	<0.010									129				725 H	
05/24/22		<0.100	0.0461		<0.0100	<0.0500			<0.0500	<0.000200			<0.100	<0.0100				<8.00					142				566	
12/29/22		<0.100	0.0564 B		<0.0100	<0.0500			<0.0500	<0.000200			<0.0500	<0.0100				166					182				725	
06/20/23		<0.100	0.244		<0.0100	0.00430 J			<0.0500	<0.000200			<0.0500	<0.0100				167					157				693	
12/06/23		<0.100	0.119 B		<0.0100	0.0125 J			<0.0500	<0.000200			<0.0500	<0.0100				163	163	0.52	112	188	27.4	2.98	85.2	92	747	
06/03/24		<0.100	0.0557		<0.0100	<0.0500			<0.0500	<0.000200			<0.0500	<0.0100				167	167	0.52	118	204	26.0	2.87	96.7 B	99	795	

TABLE 6 CUMULATIVE GROUNDWATER ANALYTICAL RESULTS FOR METALS AND ADDITIONAL PARAMETERS Gladiola Station Lea County, New Mexico																												
Date	Antimony (mg/L)	Arsenic (mg/L)	Barium (mg/L)	Beryllium (mg/L)	Cadmium (mg/L)	Chromium (mg/L)	Cobalt (mg/L)	Copper (mg/L)	Lead (mg/L)	Mercury (mg/L)	Molybdenum (mg/L)	Nickel (mg/L)	Selenium (mg/L)	Silver (mg/L)	Thallium (mg/L)	Vanadium (mg/L)	Zinc (mg/L)	Alkalinity (mg/L)	Bicarbonate (mg/L)	Bromide (mg/L)	Calcium (mg/L)	Chloride (mg/L)	Magnesium (mg/L)	Potassium (mg/L)	Sodium (mg/L)	Sulfate (mg/L)	TDS (mg/L)	
NMED WQCC HHS	0.006	0.01	2	0.004	0.005	0.015	---	---	0.05	0.002	---	---	0.05	0.05	0.002	---	---	---	---	---	---	---	---	---	---	---	---	---
NMED WQCC DWS	---	---	---	---	---	---	---	1.0	---	---	---	---	---	---	---	---	10.0	---	---	---	---	---	250.0	---	---	---	---	---
NMED WQCC IU	---	---	---	---	---	---	0.05	---	---	---	1.0	0.2	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Field Point MW-31	Well Screen Interval (feet): 35.00-50.00																											
07/19/18		<0.0100	0.0633		<0.0100	<0.0100			<0.0100	0.000103 BJ			0.0202	0.00222 J				250					120			150	735	
03/07/19		<0.100	0.207		<0.0100	<0.0500			0.01 J	0.000256			<0.100	<0.0100				400					65			96	745	
10/03/19		<0.100	0.211		<0.0100	<0.0500			0.0204 J	0.0000458 J			0.0321 J	<0.0100				377					751			88	635	
06/25/20		<0.100	0.135		<0.0100	<0.0500			0.0206 J	<0.000500			<0.100	<0.0100				325					81.1			110	740	
12/16/20		<0.100	0.474		0.00317 J	<0.0500			0.0187 J	<0.000500			<0.100	<0.0100				476					45.7				1010	
07/01/21		<0.100	0.605		0.00229 J	<0.0500			0.0102 J	<0.000248			<0.100	<0.0100				477					42.9				655	
12/22/21		0.0179 J	0.382		<0.00500	<0.00500			<0.00500	<0.000248			<0.020	<0.010									91.2				770	
05/25/22		<0.100	0.590		<0.0100	<0.0500			<0.0500	<0.000200			<0.100	<0.0100				470					52.7				670	
12/30/22		<0.100	1.12 B		<0.0100	<0.0500			<0.0500	<0.000200			<0.0500	<0.0100				480					44.9				677	
06/21/23		<0.100	0.373		<0.0100	<0.0500			<0.0500	<0.000200			<0.0500	<0.0100				273					66.7				720	
12/06/23		<0.100	0.0502 B		<0.0100	<0.0500			<0.0500	<0.000200			<0.0500	<0.0100				161	161	0.55	115	224	24.5	2.82	102	95	875	
06/03/24		<0.100	0.134		<0.0100	<0.0500			<0.0500	<0.000200			<0.0500	<0.0100				287	287	0.71	119	107	40.1	2.89	76.9 B	130	729	
Field Point MW-32	Well Screen Interval (feet): 35.00-50.00																											
07/19/18		<0.0100	0.0799		<0.0100	<0.0100			<0.0100	0.000153 BJ			0.0187	<0.00500				450					47			53	705	
03/06/19		<0.100	0.235		<0.0100	<0.0500			0.0116 J	<0.000200			<0.100	<0.0100				460					55			46	645	
10/03/19		<0.100	0.302		<0.0100	0.00840 J			0.0246 J	0.000117			<0.100	<0.0100				488					49.9			36	605	
06/24/20		<0.100	0.163		<0.0100	<0.0500			0.0198 J	<0.000500			<0.100	<0.0100				466					33.8			37	620	
12/16/20		<0.100	0.327		0.00304 J	<0.0500			0.0233 J	<0.000500			<0.100	<0.0100				540					35.5				545	
06/30/21		<0.100	0.353		0.00258 J	<0.0500			0.0122 J	<0.000248			<0.100	<0.0100				509					33.1				575	
12/21/21		0.0407	0.345		<0.00500	<0.00500			<0.00500	<0.000248			<0.020	<0.010									36.5				740 H	
05/25/22		0.0263 J	0.174		<0.0100	<0.0500			<0.0500	<0.000200			<0.100	<0.0100				546					25.5				625	
12/29/22		0.0212 J	0.237 B		<0.0100	0.00780 J			<0.0500	<0.000200			<0.0500	<0.0100				511					27.9				641	
06/20/23		0.0315 J	0.175		<0.0100	<0.0500			<0.0500	<0.000200			<0.0500	<0.0100				498					24.5				616	
12/05/23	<0.100	0.0214 J	0.290	<0.0100	<0.0100	<0.0500	0.00290 J	<0.0500	<0.0500	<0.000200	<0.0500	<0.0500	<0.0500	<0.0100	<0.0500	<0.0100	<0.250	476					36.7				665	
06/03/24		0.0209 J	0.181		<0.0100	<0.0500			<0.0500	<0.000200			<0.0500	<0.0100				478	478	0.68	98.7	32.7	42.6	2.76	84.4 B	29	638	
Field Point MW-33	Well Screen Interval (feet): 33.00-53.00																											
06/22/23		<0.100	0.0777		<0.0100	<0.0500			<0.0500	<0.000200			<0.0500	<0.0100				142					290				1230	
09/06/23		0.0646 J	0.565		<0.0100	0.0153 J			0.00530 J	<0.000200			<0.0500	<0.0100				251					276				1000	
12/05/23	<0.100	0.0491 J	0.623	<0.0100	<0.0100	0.0135 J	0.00340 J	<0.0500	0.00710 J	<0.000200	<0.0500	0.00620 J	<0.0500	<0.0100	<0.0500	0.0389	<0.250	213		1.0			273			200	1100	
06/03/24		<0.100	0.157		<0.0100	0.00710 J			<0.0500	<0.000200			<0.0500	<0.0100				220	220	1.2	167	274	44.6	3.50	141 B	220	1090	
Field Point MW-34	Well Screen Interval (feet): 33.00-53.00																											
06/22/23		<0.100	0.0581		<0.0100	<0.0500			<0.0500	<0.000200			<0.0500	<0.0100				177					128				797	
09/06/23		0.0302 J	0.597		<0.0100	0.00440 J			<0.0500	<0.000200			<0.0500	<0.0100				247					102				672	
12/05/23	<0.100	0.0336 J	0.518	<0.0100	<0.0100	0.00920 J	0.00390 J	0.00530 J	0.00750 J	<0.000200	<0.0500	0.00500 J	<0.0500	<0.0100	<0.0500	0.0579	<0.250	227		0.47			103			110	698	
06/03/24		0.0257 J	0.932		<0.0100	0.0468 J			0.00870 J	<0.000200			<0.0500	<0.0100				255	255	0.53	179	92.6	35.9	3.98	95.0 B	97	668	
Field Point MW-35	Well Screen Interval (feet): 33.00-53.00																											
06/22/23		<0.100	0.299		<0.0100	0.0244 J			0.00700 J	<0.000200			0.0172 J	<0.0100				147					259				1090	
09/06/23		0.0550 J	0.146		<0.0100	0.0541			<0.0500	<0.000200			<0.0500	<0.0100				261					246				992	
12/05/23	<0.100	0.0411 J	0.155	<0.0100	<0.0100	0.0162 J	0.00180 J	<0.0500	<0.0500	<0.000200	0.00570 J	0.00590 J	<0.0500	<0.0100	<0.0500	0.0175	<0.250	220		0.67			230			190	996	
06/03/24		<0.100	0.119		<0.0100	0.0109 J			<0.0500	<0.000200			<0.0500	<0.0100				192	192	0.74	142	241	35.2	3.52	151 B	210	981	

TABLE 6
CUMULATIVE GROUNDWATER ANALYTICAL RESULTS FOR METALS AND ADDITIONAL PARAMETERS
Gladiola Station
Lea County, New Mexico

Notes:
Boded values equal or exceed applicable regulatory limits.
Total naphthalene is the sum of 1-methylnaphthalene, 2-methylnaphthalene, and naphthalene.
ELEV = Elevation. Elevations are adjusted for NAPL thickness using a relative density of 0.83.
GW = Groundwater.
NAPL = Non-aqueous phase liquid.
NMED WQCC = New Mexico Environmental Department Water Quality Control Commission.
DWS = Other Standards for Domestic Water Supply with 10,000 mg/l TDS or less (20.6.2.3103 NMAC).
HHS = Human Health Standard for groundwater with 10,000 mg/l TDS or less (20.6.2.3103 NMAC).
IU = Irrigation Use Standard for groundwater with 10,000 mg/l TDS or less (20.6.2.3103 NMAC).
TDS = Total dissolved solids.
mg/L = Milligrams per liter.
BDL = Below laboratory detection limits.
< = Not detected at or above stated laboratory reporting limit.
A-01 = Could not obtain constant weight.
B = Analyte reported in associated method or trip blank.
D = Duplicate.
H = Analyzed outside the recommended hold time.
J = Estimated value between method detection limit and practical quantitation limit.
R1 = The relative percent difference between the primary and confirmatory analysis exceeded 40%; the higher value was reported.
R10 = The relative percent difference between the primary and confirmatory analysis exceeded 40%; the lower value was reported due to apparent chromatographic problems.
R12 = The relative percent difference between the primary and confirmatory analysis exceeded 40%; the lower value was reported.
X = Pre-purge/no-purge sample.
(a) = Analyzed by EPA Method 8310.
(b) = Analyzed by EPA Method 8260B.
(c) = Analyzed method unknown.
(d) = Analyzed to determine the presense of NAPL.
(e) = Insufficient water to purge.
(f) = DTW measured in the field indicates less than 6 inches of water in the well, which is not representative of the actual groundwater table. Groundwater elevation not calculated, data not used to compile groundwater elevation map.
(g) = Insufficient containers for analysis.

TABLE 7
CUMULATIVE CONSTITUENTS DETECTED IN GROUNDWATER BY FULL SCAN 8260B
 Gladiola Station
 Lea County, New Mexico

Date	Acetone (2-propanone) (mg/L)	2-Butanone (MEK) (mg/L)	Carbon Disulfide (mg/L)	Chloroform (mg/L)	1,2-Dichloroethane (mg/L)	2-Hexanone (mg/L)	Isopropylbenzene (mg/L)	Naphthalene (mg/L)	n-Butylbenzene (mg/L)	n-Propylbenzene (mg/L)	p-Isopropyltoluene (mg/L)	sec-Butylbenzene (mg/L)	tert-Butylbenzene (mg/L)	1,2,4-Trimethylbenzene (mg/L)	1,3,5-Trimethylbenzene (mg/L)	Tetrachloroethene (mg/L)
NMED WQCC HHS	---	---	---	---	0.005	---	---	---	---	---	---	---	---	---	---	0.005
Field Point MW-3																
12/16/20							0.040	0.053	0.0034 J	0.042		0.0057				
07/01/21							0.042	0.057	0.0041 J	0.039		0.0067		0.011		
12/22/21							0.047	0.060	0.0049 J	0.048		0.0078		0.018		
05/26/22							0.042	0.054	0.0040 J	0.045		0.0054				
12/30/22							0.039	0.052	0.0049 J	0.037		0.0069				
06/21/23							0.038	0.057	0.0039 J	0.037		0.0055				
06/21/23 D							0.038	0.060	0.0029 J	0.035		0.0045 J				
12/07/23							0.035	0.042	0.0027 J	0.030		0.0042 J				
06/04/24							0.028	0.034		0.026		0.0037 J				
Field Point MW-6																
05/24/17	0.0041 J								0.00028 J		0.00031 J	0.00084	0.00027 J	0.00094	0.0021	
11/29/17	0.0045 J								0.00022 J		0.00077	0.00047 J		0.0011	0.0017	
07/20/18	0.0041 J															
03/07/19												0.00038 J	0.000087 J	0.000080 J	0.00033 J	
07/01/21																
12/22/21																
05/26/22	0.0046 J															
12/29/22									0.0093		0.0072	0.0065		0.041	0.045	
12/07/23									0.0040		0.0033	0.0026	0.00056	0.014	0.014	
Field Point MW-10																
05/24/17																
11/29/17	0.0056 J											0.00036 J				
07/20/18	0.0081 J											0.00060				
03/07/19	0.0041 J						0.00043 J		0.00015 J	0.00010 J	0.00013 J	0.0012	0.00025 J	0.00038 J	0.00018 J	
07/01/21														0.0049	0.0040	
12/22/21																
Field Point MW-11																
05/24/17																
11/29/17	0.0067 J							0.0013 J	0.00061		0.00024 J	0.00025 J		0.0014	0.00056	
07/18/18																
03/07/19																

TABLE 7
CUMULATIVE CONSTITUENTS DETECTED IN GROUNDWATER BY FULL SCAN 8260B
 Gladiola Station
 Lea County, New Mexico

Date	Acetone (2-propanone) (mg/L)	2-Butanone (MEK) (mg/L)	Carbon Disulfide (mg/L)	Chloroform (mg/L)	1,2-Dichloroethane (mg/L)	2-Hexanone (mg/L)	Isopropylbenzene (mg/L)	Naphthalene (mg/L)	n-Butylbenzene (mg/L)	n-Propylbenzene (mg/L)	p-Isopropyltoluene (mg/L)	sec-Butylbenzene (mg/L)	tert-Butylbenzene (mg/L)	1,2,4-Trimethylbenzene (mg/L)	1,3,5-Trimethylbenzene (mg/L)	Tetrachloroethene (mg/L)
NMED WQCC HHS	---	---	---	---	0.005	---	---	---	---	---	---	---	---	---	---	0.005
Field Point MW-11																
10/03/19														0.00010 J		
06/25/20							0.00014 J						0.00021 J			
12/16/20																
07/01/21																
12/21/21																
05/25/22																
12/30/22																
06/21/23																
12/06/23																
06/04/24																
Field Point MW-17																
11/29/17							0.056	0.087 J	0.0058 J	0.051		0.0070 J		0.17	0.023	
07/18/18							0.047	0.057 J	0.0046 J	0.044		0.0057 J		0.094	0.012	
03/06/19							0.042	0.061 J	0.0033 J	0.035		0.0052 J		0.028	0.0033 J	
10/03/19							0.052	0.091	0.0053 J	0.050	0.0015 J	0.0066 J		0.14	0.013	
06/25/20				0.031 J B			0.066	0.098	0.0052 J	0.069	0.0015 J	0.0088 J		0.110	0.012	
12/16/20							0.042	0.064	0.0031	0.039		0.0042		0.070	0.020	
06/30/21							0.051	0.078		0.051				0.180	0.042	
12/21/21							0.061	0.092		0.062		0.0077 J		0.13	0.028	
05/25/22							0.060	0.073		0.061		0.0060 J		0.052	0.0058	
12/29/22							0.043	0.082				0.0053 J		0.031		
06/20/23							0.046	0.075		0.043		0.0055 J		0.011		
12/07/23							0.027	0.037		0.026		0.0026 J		0.0034 J		
06/04/24							0.044	0.052	0.0025 J	0.040		0.0043 J		0.0069		
Field Point MW-19																
05/24/17		0.0045 J					0.0068	0.0017 J	0.0022	0.0037	0.0027	0.0024	0.00079	0.020	0.021	
11/29/17	0.0052 J	0.0023 J	0.0018				0.0057	0.00055 J	0.0023	0.0036	0.0024	0.0023	0.00068	0.026	0.021	
07/18/18	0.0042 J						0.0019		0.00022 J	0.0011	0.0010	0.0013	0.00044 J	0.0030	0.00041 J	
03/05/19							0.0014	0.00012 J	0.00024 J	0.00072	0.00088	0.0013	0.00054	0.0021	0.000084 J	
10/02/19							0.00023 J			0.000079 J	0.00017 J	0.00034 J	0.00021 J	0.00032 J		
06/24/20							0.00050		0.00031 J	0.00028 J	0.00024 J	0.0011	0.00055	0.0016	0.00047 J	

TABLE 7
CUMULATIVE CONSTITUENTS DETECTED IN GROUNDWATER BY FULL SCAN 8260B
 Gladiola Station
 Lea County, New Mexico

Date	Acetone (2-propanone) (mg/L)	2-Butanone (MEK) (mg/L)	Carbon Disulfide (mg/L)	Chloroform (mg/L)	1,2-Dichloroethane (mg/L)	2-Hexanone (mg/L)	Isopropylbenzene (mg/L)	Napthalene (mg/L)	n-Butylbenzene (mg/L)	n-Propylbenzene (mg/L)	p-Isopropyltoluene (mg/L)	sec-Butylbenzene (mg/L)	tert-Butylbenzene (mg/L)	1,2,4-Trimethylbenzene (mg/L)	1,3,5-Trimethylbenzene (mg/L)	Tetrachloroethene (mg/L)
NMED WQCC HHS	---	---	---	---	0.005	---	---	---	---	---	---	---	---	---	---	0.005
Field Point MW-19																
12/15/20							0.0051	0.00086 J	0.00098	0.0033	0.0023	0.0034	0.00097	0.013		
Field Point MW-22																
05/24/17																
11/29/17	0.0068 J															
07/18/18																
03/06/19																
10/03/19																
06/25/20																
12/16/20																
07/01/21																
12/21/21																
05/25/22																
12/30/22																
06/21/23																
12/06/23																
06/04/24								0.00057 J								
Field Point MW-26																
05/24/17					0.0011			0.00077 J						0.0014		
11/29/17														0.00045 J		
07/18/18							0.017	0.026 J	0.0050	0.017	0.0036	0.0042		0.12	0.041	
Field Point MW-27																
07/19/18	0.0045 J															
03/06/19																
10/02/19																
06/24/20																
12/15/20																
06/30/21	0.0040 J															
12/21/21																
05/25/22																
12/29/22																
06/20/23																

TABLE 7
CUMULATIVE CONSTITUENTS DETECTED IN GROUNDWATER BY FULL SCAN 8260B
Gladiola Station
Lea County, New Mexico

Date	Acetone (2-propanone) (mg/L)	2-Butanone (MEK) (mg/L)	Carbon Disulfide (mg/L)	Chloroform (mg/L)	1,2-Dichloroethane (mg/L)	2-Hexanone (mg/L)	Isopropylbenzene (mg/L)	Napthalene (mg/L)	n-Butylbenzene (mg/L)	n-Propylbenzene (mg/L)	p-Isopropyltoluene (mg/L)	sec-Butylbenzene (mg/L)	tert-Butylbenzene (mg/L)	1,2,4-Trimethylbenzene (mg/L)	1,3,5-Trimethylbenzene (mg/L)	Tetrachloroethene (mg/L)
NMED WQCC HHS	---	---	---	---	0.005	---	---	---	---	---	---	---	---	---	---	0.005
Field Point MW-27																
12/07/23																
06/04/24																
Field Point MW-28																
07/19/18																
03/05/19																
10/02/19																
06/24/20																
12/15/20																
06/30/21																
12/21/21																
05/25/22																
12/29/22																
06/20/23																
12/06/23																
06/04/24																
Field Point MW-29																
07/19/18																
03/05/19																
10/02/19																
06/24/20																
12/15/20																
06/30/21																
12/21/21																
05/24/22																
12/29/22																
06/20/23																
12/06/23																
06/04/24																
Field Point MW-30																
07/19/18																
03/05/19																

TABLE 7
CUMULATIVE CONSTITUENTS DETECTED IN GROUNDWATER BY FULL SCAN 8260B
 Gladiola Station
 Lea County, New Mexico

Date	Acetone (2-propanone) (mg/L)	2-Butanone (MEK) (mg/L)	Carbon Disulfide (mg/L)	Chloroform (mg/L)	1,2-Dichloroethane (mg/L)	2-Hexanone (mg/L)	Isopropylbenzene (mg/L)	Naphthalene (mg/L)	n-Butylbenzene (mg/L)	n-Propylbenzene (mg/L)	p-Isopropyltoluene (mg/L)	sec-Butylbenzene (mg/L)	tert-Butylbenzene (mg/L)	1,2,4-Trimethylbenzene (mg/L)	1,3,5-Trimethylbenzene (mg/L)	Tetrachloroethene (mg/L)
NMED WQCC HHS	---	---	---	---	0.005	---	---	---	---	---	---	---	---	---	---	0.005
Field Point MW-30																
10/02/19																
06/24/20																
12/15/20																
06/30/21																
12/21/21																
05/24/22																
12/29/22																
06/20/23																
12/06/23																
06/03/24																
Field Point MW-31																
07/19/18							0.00029 J			0.00022 J				0.0019	0.00091	
03/07/19							0.0012	0.00020 J		0.00081	0.00067	0.0019	0.00045 J	0.0057	0.0038	
10/03/19							0.00025 J			0.00015 J	0.00020 J	0.00052	0.00016 J	0.0025	0.00061	
06/25/20							0.00014 J			0.000090 J	0.000080 J	0.00029 J		0.00074	0.00012 J	
12/16/20							0.00048 J	0.00032 J			0.00028 J	0.0015	0.00043 J	0.00063		
07/01/21							0.00041 J					0.0011				
12/22/21												0.00082				
05/25/22												0.0010	0.00028 J	0.00037 J		
12/30/22												0.0014	0.00043 J			
06/21/23																
12/06/23																
06/03/24																
Field Point MW-32																
07/19/18	0.0050 J						0.0054			0.00039 J	0.0014	0.0016	0.00084	0.012	0.010	
03/06/19							0.0023	0.00071 J		0.00012 J	0.00064	0.0019	0.0011	0.0012	0.0041	
10/03/19							0.0016			0.000094 J	0.00035 J	0.0017	0.0010	0.00036 J	0.00028 J	
06/24/20							0.00059				0.00049 J	0.0019	0.0014	0.00021 J		
12/16/20								0.00062 J			0.00079	0.0011	0.00082	0.00033 J		
06/30/21	0.0040 J							0.00055 J			0.00049 J	0.0010	0.00079			
12/21/21											0.00051	0.0011	0.00085			

TABLE 7
CUMULATIVE CONSTITUENTS DETECTED IN GROUNDWATER BY FULL SCAN 8260B
 Gladiola Station
 Lea County, New Mexico

Date	Acetone (2-propanone) (mg/L)	2-Butanone (MEK) (mg/L)	Carbon Disulfide (mg/L)	Chloroform (mg/L)	1,2-Dichloroethane (mg/L)	2-Hexanone (mg/L)	Isopropylbenzene (mg/L)	Naphthalene (mg/L)	n-Butylbenzene (mg/L)	n-Propylbenzene (mg/L)	p-Isopropyltoluene (mg/L)	sec-Butylbenzene (mg/L)	tert-Butylbenzene (mg/L)	1,2,4-Trimethylbenzene (mg/L)	1,3,5-Trimethylbenzene (mg/L)	Tetrachloroethene (mg/L)
NMED WQCC HHS	---	---	---	---	0.005	---	---	---	---	---	---	---	---	---	---	0.005
Field Point MW-32																
05/25/22											0.00070	0.0017	0.0011			
12/29/22	0.0059 J											0.0016	0.0012	0.00022 J		
06/20/23												0.0018	0.0013			
12/05/23						0.0062			0.00024 J		0.0013	0.0017	0.0014			
06/03/24												0.0012	0.0014			
Field Point MW-33																
06/22/23																
09/06/23	0.0050 J										0.00024 J					
12/05/23																
06/03/24																
Field Point MW-34																
06/22/23																
09/06/23																
12/05/23																
06/03/24																
Field Point MW-35																
06/22/23																
09/06/23	0.013		0.00046 J													
12/05/23			0.00049 J													
06/03/24																
Field Point MW-36																
06/20/23																
09/06/23																
12/05/23																
06/03/24																
Field Point MW-37																
06/23/23																
09/06/23	0.013															
12/06/23																
06/03/24																

TABLE 7
CUMULATIVE CONSTITUENTS DETECTED IN GROUNDWATER BY FULL SCAN 8260B
Gladiola Station
Lea County, New Mexico

Date	Acetone (2-propanone) (mg/L)	2-Butanone (MEK) (mg/L)	Carbon Disulfide (mg/L)	Chloroform (mg/L)	1,2-Dichloroethane (mg/L)	2-Hexanone (mg/L)	Isopropylbenzene (mg/L)	Napthalene (mg/L)	n-Butylbenzene (mg/L)	n-Propylbenzene (mg/L)	p-Isopropyltoluene (mg/L)	sec-Butylbenzene (mg/L)	tert-Butylbenzene (mg/L)	1,2,4-Trimethylbenzene (mg/L)	1,3,5-Trimethylbenzene (mg/L)	Tetrachloroethene (mg/L)
NMED WQCC HHS	---	---	---	---	0.005	---	---	---	---	---	---	---	---	---	---	0.005
Field Point MW-38																
06/22/23																0.00054
09/06/23			0.00039 J													
12/06/23																
06/03/24																
Field Point MW-39																
06/03/24																

TABLE 7
CUMULATIVE CONSTITUENTS DETECTED IN GROUNDWATER BY FULL SCAN 8260B
Gladiola Station
Lea County, New Mexico

Notes:
Bolded values equal or exceed applicable regulatory limits.
Total naphthalene is the sum of 1-methylnaphthalene, 2-methylnaphthalene, and naphthalene.
ELEV = Elevation. Elevations are adjusted for NAPL thickness using a relative density of 0.83.
GW = Groundwater.
NAPL = Non-aqueous phase liquid.
NMED WQCC = New Mexico Environmental Department Water Quality Control Commission.
DWS = Other Standards for Domestic Water Supply with 10,000 mg/l TDS or less (20.6.2.3103 NMAC).
HHS = Human Health Standard for groundwater with 10,000 mg/l TDS or less (20.6.2.3103 NMAC).
IU = Irrigation Use Standard for groundwater with 10,000 mg/l TDS or less (20.6.2.3103 NMAC).
TDS = Total dissolved solids.
mg/L = Milligrams per liter.
BDL = Below laboratory detection limits.
< = Not detected at or above stated laboratory reporting limit.
A-01 = Could not obtain constant weight.
B = Analyte reported in associated method or trip blank.
D = Duplicate.
H = Analyzed outside the recommended hold time.
J = Estimated value between method detection limit and practical quantitation limit.
R1 = The relative percent difference between the primary and confirmatory analysis exceeded 40%; the higher value was reported.
R10 = The relative percent difference between the primary and confirmatory analysis exceeded 40%; the lower value was reported due to apparent chromatographic problems.
R12 = The relative percent difference between the primary and confirmatory analysis exceeded 40%; the lower value was reported.
X = Pre-purge/no-purge sample.
(a) = Analyzed by EPA Method 8310.
(b) = Analyzed by EPA Method 8260B.
(c) = Analyzed method unknown.
(d) = Analyzed to determine the presense of NAPL.
(e) = Insufficient water to purge.
(f) = DTW measured in the field indicates less than 6 inches of water in the well, which is not representative of the actual groundwater table. Groundwater elevation not calculated, data not used to compile groundwater elevation map.
(g) = Insufficient containers for analysis.

Unless noted otherwise, all sampled wells were analyzed by EPA Method 8260B full scan.
Note: Table only reflects concentrations above the laboratory reporting limit. Refer to the laboratory report for the reporting limit and dilution factor.
BTEX is tabulated on a separate table.

TABLE 8
NAPL RECOVERY RESULTS
 Gladiola Station
 Lea County, New Mexico

Event or Well	Date	NAPL Removed (gallons)	Water Removed (gallons)	NAPL-Water Removed (gallons)
Prior to December 2015		101.00	---	101
Subtotal Removed		101.00	---	101
MW-1	12/07/15	2.00	---	2.00
MW-1	06/25/20	0.25	1.75	2.00
MW-1	12/17/20	(a)	(a)	0.25
MW-1	06/29/21	0.06	0.44	0.50
MW-1	12/20/21	0.25	0.50	0.75
MW-1	05/24/22	0.00	---	0.00
MW-1	12/28/22	0.11	0.39	0.50
MW-1	06/13/23	0.01	0.40	0.40
MW-1	12/18/23	0.01	0.20	0.21
MW-1	06/02/24	0.02	0.1	0.1
Subtotal Removed		2.71	3.81	6.76
MW-2	12/22/21	---	1.50	1.50
MW-2	05/24/22	0.04	---	0.04
MW-2	12/28/22	0.03	0.11	0.13
MW-2	06/13/23	0.01	0.26	0.27
MW-2	12/18/23	0.01	0.52	0.53
MW-2	06/02/24	0.01	0.2	0.2
Subtotal Removed		0.09	2.58	2.68
MW-4	12/07/15	1.50	---	1.50
MW-4	04/29/16	(a)	(a)	(b)
MW-4	12/17/20	(a)	(a)	0.50
MW-4	06/29/21	0.13	0.38	0.50
MW-4	12/20/21	0.25	0.25	0.50
MW-4	05/24/22	0.01	---	0.01
MW-4	12/28/22	0.03	0.22	0.25
MW-4	12/18/23	0.03	0.50	0.53
MW-4	06/02/24	0.003	0.3	0.3
Subtotal Removed		1.94	1.61	4.06
MW-5	12/07/15	2.50	---	2.50
MW-5	04/29/16	(a)	(a)	(b)
MW-5	11/29/17	1.00	---	1.00
MW-5	06/25/20	0.13	0.48	0.61
MW-5	12/17/20	(a)	(a)	0.50
MW-5	06/29/21	0.06	0.44	0.50
MW-5	12/20/21	0.13	0.75	0.88
MW-5	05/24/22	0.13	---	0.13
MW-5	12/28/22	0.05	0.95	1.00
MW-5	06/13/23	0.02	0.53	0.54
MW-5	12/18/23	0.02	0.07	0.09
MW-5	06/01/24	0.02	0.3	0.3
Subtotal Removed		4.05	3.47	8.02

TABLE 8
NAPL RECOVERY RESULTS
 Gladiola Station
 Lea County, New Mexico

Event or Well	Date	NAPL Removed (gallons)	Water Removed (gallons)	NAPL-Water Removed (gallons)
MW-9	12/07/15	1.75	---	1.75
MW-9	06/25/20	0.08	0.40	0.48
MW-9	12/17/20	(a)	(a)	0.50
MW-9	06/29/21	0.06	0.44	0.50
MW-9	12/20/21	0.13	0.38	0.50
MW-9	05/25/22	0.00	---	0.00
MW-9	12/28/22	0.00	0.13	0.13
MW-9	06/13/23	0.00	0.13	0.14
MW-9	12/18/23	0.00	0.00	0.00
MW-9	06/02/24	0.003	0.1	0.1
Subtotal Removed		2.03	1.60	4.13
MW-12	12/07/15	2.50	---	2.50
MW-12	04/29/16	(a)	(a)	(b)
MW-12	06/25/20	0.75	2.00	2.75
MW-12	12/17/20	(a)	(a)	1.00
MW-12	06/29/21	0.13	0.88	1.00
MW-12	12/20/21	0.25	1.25	1.50
MW-12	05/25/22	0.08	---	0.08
MW-12	12/28/22	0.11	0.89	1.00
MW-12	06/13/23	0.01	0.79	0.80
MW-12	12/18/23	0.26	1.06	1.32
MW-12	06/01/24	0.004	0.5	0.5
Subtotal Removed		4.09	7.40	12.49
MW-13	12/07/15	3.00	---	3.00
MW-13	04/29/16	2.00	---	2.00
MW-13	06/25/20	1.75	2.00	3.75
MW-13	12/17/20	(a)	(a)	1.00
MW-13	06/29/21	0.25	0.75	1.00
MW-13	12/20/21	0.25	1.75	2.00
MW-13	05/26/21	0.07	---	0.07
MW-13	12/28/22	0.25	1.25	1.50
MW-13	06/13/23	0.92	0.79	1.72
MW-13	12/18/23	0.33	0.40	0.73
MW-13	06/01/24	0.3	0.5	0.8
Subtotal Removed		9.09	7.47	17.56
MW-14	12/07/15	3.00	---	3.00
MW-14	04/28/16	2.00	---	2.00
MW-14	11/29/17	3.00	---	3.00
MW-14	06/25/20	0.99	1.32	2.31
MW-14	12/17/20	(a)	(a)	1.00
MW-14	06/29/21	0.13	0.88	1.00
MW-14	12/20/21	0.25	1.50	1.75
MW-14	05/24/22	0.07	---	0.07
MW-14	12/28/22	0.05	1.45	1.50
MW-14	06/14/23	0.05	0.11	0.16
MW-14	12/18/23	0.13	0.79	0.92
MW-14	06/01/24	0.1	0.5	0.7
Subtotal Removed		9.81	6.57	17.38

TABLE 8
NAPL RECOVERY RESULTS
 Gladiola Station
 Lea County, New Mexico

Event or Well	Date	NAPL Removed (gallons)	Water Removed (gallons)	NAPL-Water Removed (gallons)
MW-15	12/07/15	3.00	---	3.00
MW-15	04/29/16	(a)	(a)	(b)
MW-15	06/25/20	0.18	1.32	1.51
MW-15	12/17/20	(a)	(a)	1.00
MW-15	06/29/21	0.06	0.44	0.50
MW-15	12/20/21	0.13	1.25	1.38
MW-15	05/24/22	0.05	---	0.05
MW-15	12/28/22	0.05	0.45	0.50
MW-15	06/13/23	0.01	0.79	0.81
MW-15	12/18/23	0.01	0.40	0.41
MW-15	06/01/24	0.02	0.8	0.8
Subtotal Removed		3.51	5.44	9.95
MW-16	12/07/15	2.50	---	2.50
MW-16	04/29/16	(a)	(a)	(b)
MW-16	06/25/20	0.26	1.32	1.59
MW-16	12/17/20	(a)	(a)	1.00
MW-16	06/29/21	0.13	0.88	1.00
MW-16	12/20/21	0.25	0.50	0.75
MW-16	05/26/21	0.00	---	0.00
MW-16	12/28/22	0.08	0.42	0.50
MW-16	06/13/23	0.04	0.53	0.57
MW-16	12/18/23	0.05	0.26	0.32
MW-16	06/02/24	0.1	0.1	0.3
Subtotal Removed		3.45	4.04	8.49
MW-18	12/07/15	1.75	---	1.75
MW-18	04/29/16	(a)	(a)	(b)
MW-18	06/25/20	0.25	1.75	2.00
MW-18	12/17/20	(a)	(a)	1.25
MW-18	06/29/21	0.50	1.50	2.00
MW-18	12/20/21	1.00	1.50	2.50
MW-18	05/26/21	1.50	---	1.50
MW-18	12/28/22	1.00	0.50	1.50
MW-18	06/14/23	1.06	0.53	1.59
MW-18	09/07/23	0.40	0.07	0.46
MW-18	12/18/23	0.26	0.26	0.53
MW-18	06/02/24	0.3	0.5	0.8
Subtotal Removed		7.98	6.64	15.87
MW-19	06/29/21	0.06	0.44	0.50
MW-19	12/20/21	0.25	1.75	2.00
MW-19	05/26/21	2.00	---	2.00
MW-19	12/28/22	1.00	1.00	2.00
MW-19	06/14/23	0.79	0.53	1.32
MW-19	09/07/23	0.32	0.07	0.38
MW-19	12/18/23	0.26	0.26	0.53
MW-19	06/01/24	0.0	0.5	0.6
Subtotal Removed		4.71	4.57	9.29

TABLE 8
NAPL RECOVERY RESULTS
 Gladiola Station
 Lea County, New Mexico

Event or Well	Date	NAPL Removed (gallons)	Water Removed (gallons)	NAPL-Water Removed (gallons)
MW-20	12/07/15	2.00	---	2.00
MW-20	04/29/16	(a)	(a)	(b)
MW-20	06/25/20	1.45	0.92	2.38
MW-20	12/17/20	1.25	1.75	3.00
MW-20	06/29/21	1.00	1.50	2.50
MW-20	12/20/21	0.25	1.75	2.00
MW-20	05/26/21	0.05	---	0.05
MW-20	12/28/22	0.03	0.47	0.50
MW-20	06/13/23	0.01	0.53	0.54
MW-20	12/18/23	0.02	0.92	0.94
MW-20	06/01/24	0.03	0.53	0.55
Subtotal Removed		6.09	8.37	14.46
MW-21	06/25/20	0.79	1.32	2.11
MW-21	12/17/20	(a)	(a)	0.75
MW-21	06/29/21	0.06	0.44	0.50
MW-21	12/20/21	0.13	0.50	0.63
MW-21	05/26/21	0.03	---	0.03
MW-21	12/28/22	0.04	0.46	0.50
MW-21	06/13/23	0.01	1.06	1.07
MW-21	12/18/23	0.01	0.66	0.67
MW-21	06/01/24	0.01	0.5	0.5
Subtotal Removed		1.09	4.96	6.80
MW-23	06/25/20	0.00	0.07	0.07
MW-23	12/17/20	(a)	(a)	0.50
MW-23	06/29/21	0.06	0.44	0.50
MW-23	12/20/21	0.13	0.50	0.63
MW-23	05/26/21	0.00	---	0.00
MW-23	12/28/22	0.01	0.12	0.13
MW-23	12/18/23	0.00	0.00	0.00
MW-23	06/01/24	0.03	0.1	0.2
Subtotal Removed		0.23	1.25	1.99
MW-24	12/07/15	2.50	---	2.50
MW-24	04/28/16	2.25	---	2.25
MW-24	11/29/17	2.00	---	2.00
MW-24	06/25/20	1.85	1.85	3.70
MW-24	12/17/20	(a)	(a)	1.00
MW-24	06/29/21	0.13	0.88	1.00
MW-24	12/20/21	0.25	0.50	0.75
MW-24	05/26/21	0.13	---	0.13
MW-24	12/28/22	0.25	1.25	1.50
MW-24	06/13/23	0.26	0.66	0.92
MW-24	09/08/23	0.40	0.07	0.46
MW-24	12/18/23	0.20	0.20	0.40
MW-24	06/01/24	0.3	0.5	0.8
Subtotal Removed		10.48	5.93	17.40

TABLE 8
NAPL RECOVERY RESULTS
 Gladiola Station
 Lea County, New Mexico

Event or Well	Date	NAPL Removed (gallons)	Water Removed (gallons)	NAPL-Water Removed (gallons)
MW-25	12/07/15	2.00	---	2.00
MW-25	04/29/16	(a)	(a)	(b)
MW-25	11/29/17	2.00	---	2.00
MW-25	06/25/20	1.00	0.50	1.50
MW-25	12/17/20	(a)	(a)	0.50
MW-25	06/29/21	0.25	0.75	1.00
MW-25	12/20/21	0.25	0.75	1.00
MW-25	05/26/21	0.05	---	0.05
MW-25	12/28/22	0.02	0.16	0.18
MW-25	06/13/23	0.01	0.53	0.53
MW-25	12/18/23	0.03	0.13	0.16
MW-25	06/02/24	0.01	0.462	0.5
Subtotal Removed		5.61	3.28	9.40
MW-26	06/25/20	1.25	1.25	2.50
MW-26	12/17/20	0.75	1.25	2.00
MW-26	06/29/21	0.40	0.60	1.00
MW-26	12/20/21	1.00	0.50	1.50
MW-26	05/25/22	0.66	---	0.66
MW-26	12/28/22	0.50	2.00	2.50
MW-26	06/14/23	1.19	0.53	1.72
MW-26	09/09/23	0.26	0.07	0.33
MW-26	12/18/23	0.37	0.26	0.63
MW-26	06/01/24	0.3	1	1
Subtotal Removed		6.65	7.52	14.16
NAPL Removal	04/29/16	(a)	(a)	6
NAPL Pumping Test	10/26/16	(a)	(a)	100
NAPL Recovery Test	5/24-25/17	10	---	10
Subtotal Removed		10.00	---	116.00
Total Removed		195	87	398

Explanation:

NAPL = non-aqueous phase liquid

(a) = Amount of NAPL and water individually removed unknown.

(b) = Approximately 6 gallons removed during the event. See NAPL Removal Event on 04/29/16.

APPENDIX A

Field Data Sheets

GROUNDWATER SAMPLING FIELD LOG																	
Client Name: <u>XUM</u>			Cardno #: _____			Date: _____ Page ____ of ____											
Location: <u>Gladiola</u>			Field Cleaning Performed: _____			Case Volume = (TD - DTW) x F where F =											
Field Crew: <u>B.M. / M.L.</u>			Analysis: _____			0.163 for 2" inside-diameter well casing 0.652 for 4" inside-diameter well casing 1.457 for 6" inside-diameter well casing											
Well ID	Depth To Water	Depth To Product	Total Depth	Case Volume	Time	Purge Volume	Temp	Cond	pH	80% Recharge	DO	ORP	Turbidity	lock present	well cap present	bollards	Comments Well Box/Monument Condition
MW9	41.60	41.59															6-2-24
MW18	40.45	40.13															
MW25	40.70	40.94															6-2-24
MW2	41.60	41.52															6-2-24
MW4	37.92	37.78															6-2-24
MW1	38.35	38.21															
MW7	Dry	/															6-2-24
MW16	40.00	39.75															6-2-24
MW6	40.32																6-4-24
																	W/220

GROUNDWATER SAMPLING FIELD LOG

Client Name: XOM

Cardno #: _____

Date: _____ Page ____ of ____

Location: Gladia

Field Cleaning Performed: _____

Case Volume = (TD - DTW) x F where F =

Field Crew: B.M. / M.L.

Analysis: _____

0.163 for 2" inside-diameter well casing

0.652 for 4" inside-diameter well casing

1.457 for 6" inside-diameter well casing

Well ID	Depth To Water	Depth To Product	Total Depth	Case Volume	Time	Purge Volume	Temp	Cond	pH	80% Recharge	DO	ORP	Turbidity	lock present	well cap present	bollards	Comments Well Box/Monument Condition

MW 19	40.17	40.09															100 mL NAPL 2 L H ₂ O 6-1-24
MW 14	39.95	39.84															500 mL NAPL 2 L H ₂ O 10 mL NAPL 500 mL H ₂ O 6-1-24
MW 23	40.41	40.40															50 mL NAPL 2 L H ₂ O 100 mL NAPL 2 L H ₂ O 6-1-24
MW 21	40.26	40.21															1 L NAPL 4 L H ₂ O 15 mL NAPL 2 L H ₂ O 6-1-24
MW 20	40.51	40.76															1 L NAPL 2 L H ₂ O 60 mL NAPL 3 L H ₂ O 6-1-24
MW 26	41.52	40.69															60 mL NAPL 1 L H ₂ O 1 L NAPL 2 L H ₂ O 6-1-24
MW 12	41.14	41.10															6-1-24
MW 24	40.69	39.23															6-1-24
MW 15	40.45	40.42															6-1-24
MW 5	40.25	39.93															6-1-24
MW 13	40.35	39.90															6-1-24

GROUNDWATER SAMPLING FIELD LOG

Client Name: Xom

Cardno #: _____

Date: _____ Page ____ of ____

Location: Okidila

Field Cleaning Performed: _____

Case Volume = (TD - DTW) x F where F =

Field Crew: B.M./M.L.

Analysis: _____

0.163 for 2" inside-diameter well casing

0.652 for 4" inside-diameter well casing

1.457 for 6" inside-diameter well casing

Well ID	Depth To Water	Depth To Product	Total Depth	Case Volume	Time	Purge Volume	OC Temp	SP Cond	pH	80% Recharge	mg/L DO	mv ORP	NTU Turbidity	lock present	well cap present	bollards	Comments Well Box/Monument Condition
mw 22	41.84				0620		19.7	944	7.15		5.27	72.7	13.1	Y	N	Y	6-4-24 @ 0845
							19.4	935	7.12								
						8 gal											
mw 29	40.45				0905		19.0	1260	7.08		11.27	75.7	4.27	Y	N	Y	6-4-24 @ 0935
							18.9	1257	7.07		9.00	76.9	4.70				
							19.0	1254	7.10		8.20	78.0	5.85				
mw 28	40.52				1000		18.9	1253	7.12		7.99	76.9					
							19.4	1669	7.07		8.61	81.5	3.11	Y	N	Y	6-4-24 @ 1025
							19.2	1617	7.08		7.69	82.2	2.39				
mw 27	40.56					9 gal	19.1	1664	7.08		6.96	84.0	1.84				
						12.45	19.2	1662	7.08		6.88	84.5					
							19.0	1591	6.87		11.00	80.2	1.21	Y	N	Y	6-4-24 @ 1115
mw 17	41.03					10 gal	19.0	1591	6.95		7.40	81.3	0.45				
							19.0	1591	6.97		6.60	82.1	1.43				
						1120	21.1	1742	6.90		5.34	5.1	2.84	Y	N	Y	6-4-24 @ 1155
mw 3	36.87						20.7	1724	6.93		3.52	7.0	1.63				
							21.0	1720	6.93		2.47	11.3	2.07				
						9.5 gal	20.9	1715	6.92		2.51	11.2					
mw 3	36.87					12.5 gal	20.5	2220	6.99		4.01	28.2	76.1	Y	N	Y	6-4-24 @ 1300
							19.9	2230	7.01		2.73	19.0	95.0				
						10 gal	19.7	2221	7.03		2.47	18.7	77.0				

GROUNDWATER SAMPLING FIELD LOG																				
Client Name: <u>KOM</u>		Cardno #: _____				Date: _____ Page _____ of _____														
Location: <u>Gladiala</u>		Field Cleaning Performed: _____				Case Volume = (TD - DTW) x F where F =														
Field Crew: <u>B.M./M.L.</u>		Analysis: _____				0.163 for 2" inside-diameter well casing 0.652 for 4" inside-diameter well casing 1.457 for 6" inside-diameter well casing														
Well ID	Depth To Water	Depth To Product	Total Depth	Case Volume	Time	Purge Volume	OC Temp	SP Cond	pH	80% Recharge	in/L DO	MV ORP	MVA Turbidity	lock present	well cap present	bollards	Comments Well Box/Monument Condition			
mw33	41.19				1255	19.5	1716	7.07			8.33	66.2	54.0	Y	N	Y	6-3-24			
						19.5	1717	7.08			2.02	68.6	80.2						@ 1250	
						19.2	1716	7.09			1.87	70.2	57.4							
					10 gal															
mw39	40.60				1255	19.2	1095	7.13			10.29	39.3	49.1	Y	N	Y	6-3-24			
						19.2	1107	7.13			9.27	42.6	36.6						@ 1320	
						19.1	1095	7.15			8.55	44.3	21.7							
					10 gal	19.0	1080	7.14			7.68	45.4	20.3							
mw38	39.10					20.4	1746	7.03			12.56	46.5	38.4	Y	N	Y	6-3-24			
						20.2	1740	7.04			5.97	1.3	20.5						@ 1355	
						20.1	1744	7.05			8.09	0.9	45.5							@ 1400
					9.5 gal	20.1	1740	7.04			8.10	0.7								
mw37	39.20				1405	19.5	1205	7.09			8.99	44.4	46.40	Y	N	Y	6-3-24			
						19.5	1197	7.11			6.96	44.9	41.1						@ 1435	
						19.6	1212	7.11			6.91	45.7	33.7							
					10 gal	19.4	1215	7.11												
mw10	42.40	43															6-4-24			
mw11	41.83				0750	19.2	1431	6.79			8.61	80.1	13.8	Y	N	Y	6-4-24			
						19.3	1426	6.78			6.00	80.1	12.1						@ 0815	
						19.4	1418	6.75			5.48	80.4	11.5							
					10 gal															

GROUNDWATER SAMPLING FIELD LOG

Client Name: Xom

Cardno #: _____

Date: _____ Page ____ of ____

Location: Gladwin

Field Cleaning Performed: _____

Case Volume = (TD - DTW) x F where F =

Field Crew: R.M./M.C.

Analysis: _____

0.163 for 2" inside-diameter well casing
 0.652 for 4" inside-diameter well casing
 1.457 for 6" inside-diameter well casing

Well ID	Depth To Water	Depth To Product	Total Depth	Case Volume	Purge Volume	Time	Temp	SPC Cond	pH	80% Recharge	mg/L DO	MV ORP	Turbidity	lock present	well cap present	bollards	Comments Well Box/Monument Condition
<i>Handwritten: 10/4/24</i>																	
mw31	40.86				0748		22.0	14.0	7.03		3.23	76.1	1.13	N	Y	N	6-3-24
							21.8	14.4	6.95		3.70	79.9	0.60				
							21.4	15.0	6.98		3.69	80.1	0.70				
					1091		21.4	15.3	6.99								@0840
mw32	42.19				0850		20.1	10.74	6.87		18.01	32.9	0.56	N	Y	N	6-3-24
							20.1	10.87	6.69		7.90	38.3	0.72				@0920
					4.59		20.0	10.88	6.69		7.66	38.5	0.80				
mw34	41.44				0930		21.3	10.66	7.11		2.97	74.0	34.10	N	Y	N	6-3-24
							21.3	10.68	7.11		2.79	83.9	20.1				@0955
							21.7	10.88	7.11		2.34	75.4	14.1				
					1020		21.4	10.90	7.12		1.84	87.3					
mw30	40.09						19.6	12.47	7.08		14.26	55.9	8.99	Y	Y	N	6-3-24
							19.3	12.58	7.08		9.18	56.9					@1045
							19.4	12.50	7.08		9.77	58.8					
					1109												
mw35	41.46				1120		20.3	15.85	7.07		16.18	0.8	61.8	N	Y	N	6-3-24
							20.1	15.88	7.07		6.35	1.6	49.7				@1120
							20.1	15.90	7.09		8.76	9.3	32.5				
							20.1	15.95	7.08		8.70	14.1	30.2				
mw36	40.98				1200		20.2	15.99	7.04		10.78	44.4	19.1	N	Y	N	6-3-24
							19.1	15.90	7.05		46.9	47.6	4.65				@1220
							19.1	15.35	7.12		7.26	50.3	7.13				
					1069												

WELL SAMPLING - FIELD LOG										
CLIENT NAME:	ExxonMobil Pipeline	Cardno ERI#	917	0.163 FOR A 2" WELL						
SITE LOCATION:	UPSTREAM / Rita Tank Battery	Gladiola		0.652 FOR A 4" WELL						
FIELD CREW:	ML ML	DATE:	3/28/23	1.167 FOR A 6" WELL						
			3/28/24				ORP			
WELL NUMBER	TIME	DEPTH to WATER (ft)	DEPTH to WELL (ft)	CASE DIA (in)	Degrees C	PH	COND $\mu S/cm$	ORP	Turbidity NTU	DO
MW39	10:20	40.56	54.0	2"	17.1	7.15	0.49	151	3133	48.3
	10:25				17.3	7.13	0.67	163	2373	38.3
	40				17.4	7.13	0.60	160	2180	37.6
	45				17.5	7.02	0.25	162	2126	52.2
	10:50				17.7	6.97	0.39	160	1769	52.0
	Sampled									
	will no clear up									
					17.1	71.3	0.49	151	3133	48.3
					17.3	71.3	0.67	163	2373	38.3
					17.4	77.1.3	0.60	160	2180	37.6
					17.5	7.02	0.25	162	2126	52.2
					17.7	6.97	0.39	160	1769	52.0

Very cloudy

5:00 - 9:30

9:30 Down - 10:10 Well.

APPENDIX B

Laboratory Analytical Reports



Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: Mr. James Anderson
Stantec Consulting Services Inc
4572 Telephone Road #916
Ventura, California 93003

Generated 4/12/2024 3:52:29 PM

JOB DESCRIPTION

ExxonMobil Gladiola Station/3612

JOB NUMBER

570-178407-1

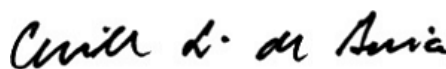
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Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Calscience Project Manager.

Authorization



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Authorized for release by
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Client: Stantec Consulting Services Inc
Project/Site: ExxonMobil Gladiola Station/3612

Laboratory Job ID: 570-178407-1

Table of Contents

Cover Page	1
Table of Contents	3
Sample Summary	4
Definitions/Glossary	5
Case Narrative	6
Detection Summary	8
Client Sample Results	9
Surrogate Summary	12
QC Sample Results	13
QC Association Summary	25
Lab Chronicle	27
Certification Summary	28
Method Summary	29
Chain of Custody	30
Receipt Checklists	33

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

Sample Summary

Client: Stantec Consulting Services Inc
Project/Site: ExxonMobil Gladiola Station/3612

Job ID: 570-178407-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
570-178407-1	MW-39	Water	03/28/24 10:50	03/29/24 10:00
570-178407-2	Trip Blank	Water	03/28/24 10:50	03/29/24 10:00

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

Definitions/Glossary

Client: Stantec Consulting Services Inc
Project/Site: ExxonMobil Gladiola Station/3612

Job ID: 570-178407-1

Qualifiers

GC/MS Semi VOA

Qualifier	Qualifier Description
*1	LCS/LCSD RPD exceeds control limits.

HPLC/IC

Qualifier	Qualifier Description
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.

Metals

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
α	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Case Narrative

Client: Stantec Consulting Services Inc
Project: ExxonMobil Gladiola Station/3612

Job ID: 570-178407-1

Job ID: 570-178407-1

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Job Narrative 570-178407-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers are applied to indicate exceptions. Noncompliant quality control (QC) is further explained in narrative comments.

- Matrix QC may not be reported if insufficient sample or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt

The samples were received on 3/29/2024 10:00 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 1.7°C.

Receipt Exceptions

Container for 8260 not received, analysis requested on COC. Number of containers listed on the COC is correct without VOA vials.

MW-39 (570-178407-1)

The reference method requires samples to be preserved to a pH of <2. The following samples were received with insufficient preservation at a pH of >2: LF-B (570-178068-2) and MW-39 (570-178407-1). The sample(s) was preserved to the appropriate pH in the laboratory.

GC/MS VOA

Method 8260B_LL: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with analytical batch 570-426372. The laboratory control sample (LCS) was performed in duplicate (LCSD) to provide precision data for this batch.

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

GC/MS Semi VOA

Method 8270C_SIM_PAH: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with preparation batch 570-426055. The laboratory control sample (LCS) was performed in duplicate (LCSD) to provide precision data for this batch.

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

HPLC/IC

Method 9056A_ORGFM_28D: Due to the high concentration of Sulfate, the matrix spike / matrix spike duplicate (MS/MSD) for analytical batch 570-427455 could not be evaluated for accuracy and precision. The associated laboratory control sample / laboratory control sample duplicate (LCS/LCSD) met acceptance criteria.

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

Metals

Method 6010B - Total Recoverable: The reference method requires samples to be preserved to a pH of <2. The following samples were received with insufficient preservation at a pH of >2: LF-B (570-178068-2) and MW-39 (570-178407-1). The sample(s) was preserved to the appropriate pH in the laboratory.

Method 6010B - Total Recoverable: The serial dilution performed for the following sample associated with batch 570-427794 was outside control limits: (570-178436-P-1-A SD ^25)

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

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Case Narrative

Client: Stantec Consulting Services Inc
Project: ExxonMobil Gladiola Station/3612

Job ID: 570-178407-1

Job ID: 570-178407-1 (Continued) Eurofins Calscience

General Chemistry
Please note that Chloride by SM4500_CL-C was not performed due to inavailability of reagent. Therefore, Chloride was analyzed by method 9056 and reported together with Bromide and Sulfate. Please refer to the attached email.

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

Detection Summary

Client: Stantec Consulting Services Inc
Project/Site: ExxonMobil Gladiola Station/3612

Job ID: 570-178407-1

Client Sample ID: MW-39

Lab Sample ID: 570-178407-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Bromide	0.50		0.10	0.041	mg/L	1			9056A	Total/NA
Sulfate - DL	120		10	2.4	mg/L	10			9056A	Total/NA
Chloride - DL	110		10	3.6	mg/L	10			9056A	Total/NA
Mercury	0.000155	J	0.000200	0.000124	mg/L	1			245.1	Total/NA
Arsenic	0.0244	J	0.100	0.0199	mg/L	1			6010B	Total Recoverable
Barium	0.797		0.0100	0.00111	mg/L	1			6010B	Total Recoverable
Chromium	0.0510		0.0500	0.00296	mg/L	1			6010B	Total Recoverable
Cobalt	0.0761		0.0500	0.000880	mg/L	1			6010B	Total Recoverable
Copper	0.0303	J	0.0500	0.00269	mg/L	1			6010B	Total Recoverable
Lead	0.0157	J	0.0500	0.00527	mg/L	1			6010B	Total Recoverable
Molybdenum	0.0118	J	0.0500	0.00391	mg/L	1			6010B	Total Recoverable
Nickel	0.0232	J	0.0500	0.00307	mg/L	1			6010B	Total Recoverable
Vanadium	0.179		0.0100	0.00239	mg/L	1			6010B	Total Recoverable
Zinc	0.0663	J	0.250	0.0133	mg/L	1			6010B	Total Recoverable
Alkalinity, Total (As CaCO3)	138		5.00	2.18	mg/L	1			SM 2320B	Total/NA
Total Dissolved Solids	711		10.0	8.70	mg/L	1			SM 2540C	Total/NA

Client Sample ID: Trip Blank

Lab Sample ID: 570-178407-2

No Detections.

Client Sample Results

Client: Stantec Consulting Services Inc
Project/Site: ExxonMobil Gladiola Station/3612

Job ID: 570-178407-1

Client Sample ID: MW-39

Lab Sample ID: 570-178407-1

Date Collected: 03/28/24 10:50

Matrix: Water

Date Received: 03/29/24 10:00

Method: SW846 8270C SIM - PAHs (GC/MS SIM)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND	*1	0.19	0.094	ug/L		04/01/24 09:41	04/10/24 18:11	1
Acenaphthylene	ND	*1	0.19	0.066	ug/L		04/01/24 09:41	04/10/24 18:11	1
Anthracene	ND	*1	0.19	0.057	ug/L		04/01/24 09:41	04/10/24 18:11	1
Benzo[a]anthracene	ND	*1	0.19	0.082	ug/L		04/01/24 09:41	04/10/24 18:11	1
Benzo[a]pyrene	ND	*1	0.19	0.060	ug/L		04/01/24 09:41	04/10/24 18:11	1
Benzo[b]fluoranthene	ND	*1	0.19	0.17	ug/L		04/01/24 09:41	04/10/24 18:11	1
Benzo[g,h,i]perylene	ND	*1	0.19	0.097	ug/L		04/01/24 09:41	04/10/24 18:11	1
Benzo[k]fluoranthene	ND	*1	0.19	0.15	ug/L		04/01/24 09:41	04/10/24 18:11	1
Chrysene	ND	*1	0.19	0.057	ug/L		04/01/24 09:41	04/10/24 18:11	1
Dibenz(a,h)anthracene	ND	*1	0.19	0.11	ug/L		04/01/24 09:41	04/10/24 18:11	1
Fluoranthene	ND	*1	0.19	0.13	ug/L		04/01/24 09:41	04/10/24 18:11	1
Fluorene	ND	*1	0.19	0.072	ug/L		04/01/24 09:41	04/10/24 18:11	1
Indeno[1,2,3-cd]pyrene	ND	*1	0.19	0.10	ug/L		04/01/24 09:41	04/10/24 18:11	1
1-Methylnaphthalene	ND	*1	0.19	0.070	ug/L		04/01/24 09:41	04/10/24 18:11	1
2-Methylnaphthalene	ND	*1	0.19	0.074	ug/L		04/01/24 09:41	04/10/24 18:11	1
Naphthalene	ND	*1	0.19	0.14	ug/L		04/01/24 09:41	04/10/24 18:11	1
Phenanthrene	ND	*1	0.19	0.070	ug/L		04/01/24 09:41	04/10/24 18:11	1
Pyrene	ND	*1	0.19	0.064	ug/L		04/01/24 09:41	04/10/24 18:11	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl (Surr)	92		33 - 144	04/01/24 09:41	04/10/24 18:11	1
Nitrobenzene-d5 (Surr)	73		28 - 139	04/01/24 09:41	04/10/24 18:11	1
p-Terphenyl-d14 (Surr)	79		23 - 160	04/01/24 09:41	04/10/24 18:11	1

Method: SW846 9056A - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromide	0.50		0.10	0.041	mg/L			04/04/24 18:01	1

Method: SW846 9056A - Anions, Ion Chromatography - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	120		10	2.4	mg/L			04/04/24 20:01	10
Chloride	110		10	3.6	mg/L			04/04/24 20:01	10

Method: EPA 245.1 - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.000155	J	0.000200	0.000124	mg/L		04/02/24 10:44	04/02/24 17:15	1

Method: SW846 6010B - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.100	0.0255	mg/L		04/02/24 08:57	04/03/24 00:15	1
Arsenic	0.0244	J	0.100	0.0199	mg/L		04/02/24 08:57	04/03/24 00:15	1
Barium	0.797		0.0100	0.00111	mg/L		04/02/24 08:57	04/03/24 00:15	1
Beryllium	ND		0.0100	0.00127	mg/L		04/02/24 08:57	04/03/24 00:15	1
Cadmium	ND		0.0100	0.000620	mg/L		04/02/24 08:57	04/03/24 00:15	1
Chromium	0.0510		0.0500	0.00296	mg/L		04/02/24 08:57	04/03/24 00:15	1
Cobalt	0.0761		0.0500	0.000880	mg/L		04/02/24 08:57	04/03/24 00:15	1
Copper	0.0303	J	0.0500	0.00269	mg/L		04/02/24 08:57	04/03/24 00:15	1
Lead	0.0157	J	0.0500	0.00527	mg/L		04/02/24 08:57	04/03/24 00:15	1
Molybdenum	0.0118	J	0.0500	0.00391	mg/L		04/02/24 08:57	04/03/24 00:15	1
Nickel	0.0232	J	0.0500	0.00307	mg/L		04/02/24 08:57	04/03/24 00:15	1
Selenium	ND		0.0500	0.0162	mg/L		04/02/24 08:57	04/03/24 00:15	1

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Client Sample Results

Client: Stantec Consulting Services Inc
Project/Site: ExxonMobil Gladiola Station/3612

Job ID: 570-178407-1

Client Sample ID: MW-39

Lab Sample ID: 570-178407-1

Date Collected: 03/28/24 10:50

Matrix: Water

Date Received: 03/29/24 10:00

Method: SW846 6010B - Metals (ICP) - Total Recoverable (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	ND		0.0100	0.00259	mg/L		04/02/24 08:57	04/03/24 00:15	1
Thallium	ND		0.0500	0.00996	mg/L		04/02/24 08:57	04/03/24 00:15	1
Vanadium	0.179		0.0100	0.00239	mg/L		04/02/24 08:57	04/03/24 00:15	1
Zinc	0.0663	J	0.250	0.0133	mg/L		04/02/24 08:57	04/03/24 00:15	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity, Total (As CaCO ₃) (SM 2320B)	138		5.00	2.18	mg/L			04/09/24 19:30	1
Total Dissolved Solids (SM 2540C)	711		10.0	8.70	mg/L			04/04/24 15:27	1

Client Sample ID: Trip Blank

Lab Sample ID: 570-178407-2

Date Collected: 03/28/24 10:50

Matrix: Water

Date Received: 03/29/24 10:00

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.50	0.14	ug/L			04/02/24 09:31	1
Toluene	ND		0.50	0.14	ug/L			04/02/24 09:31	1
Ethylbenzene	ND		0.50	0.16	ug/L			04/02/24 09:31	1
o-Xylene	ND		0.50	0.18	ug/L			04/02/24 09:31	1
m,p-Xylene	ND		1.0	0.39	ug/L			04/02/24 09:31	1
Xylenes, Total	ND		1.0	0.39	ug/L			04/02/24 09:31	1
Methyl-t-Butyl Ether (MTBE)	ND		0.50	0.14	ug/L			04/02/24 09:31	1
1,1,1,2-Tetrachloroethane	ND		0.50	0.20	ug/L			04/02/24 09:31	1
1,1,1-Trichloroethane	ND		0.50	0.20	ug/L			04/02/24 09:31	1
1,1,2,2-Tetrachloroethane	ND		0.50	0.14	ug/L			04/02/24 09:31	1
1,1,2-Trichloroethane	ND		0.50	0.18	ug/L			04/02/24 09:31	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50	0.25	ug/L			04/02/24 09:31	1
1,1-Dichloroethane	ND		0.50	0.21	ug/L			04/02/24 09:31	1
1,1-Dichloroethene	ND		0.50	0.21	ug/L			04/02/24 09:31	1
1,1-Dichloropropene	ND		0.50	0.16	ug/L			04/02/24 09:31	1
1,2,3-Trichlorobenzene	ND		0.50	0.26	ug/L			04/02/24 09:31	1
1,2,3-Trichloropropane	ND		0.50	0.31	ug/L			04/02/24 09:31	1
1,2,4-Trichlorobenzene	ND		0.50	0.26	ug/L			04/02/24 09:31	1
1,2,4-Trimethylbenzene	ND		0.50	0.22	ug/L			04/02/24 09:31	1
1,3,5-Trimethylbenzene	ND		0.50	0.19	ug/L			04/02/24 09:31	1
c-1,2-Dichloroethene	ND		0.50	0.16	ug/L			04/02/24 09:31	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.84	ug/L			04/02/24 09:31	1
1,2-Dichlorobenzene	ND		0.50	0.14	ug/L			04/02/24 09:31	1
1,2-Dichloroethane	ND		0.50	0.14	ug/L			04/02/24 09:31	1
1,2-Dichloropropane	ND		0.50	0.14	ug/L			04/02/24 09:31	1
t-1,2-Dichloroethene	ND		0.50	0.22	ug/L			04/02/24 09:31	1
c-1,3-Dichloropropene	ND		0.50	0.15	ug/L			04/02/24 09:31	1
1,3-Dichlorobenzene	ND		0.50	0.16	ug/L			04/02/24 09:31	1
1,3-Dichloropropane	ND		0.50	0.19	ug/L			04/02/24 09:31	1
t-1,3-Dichloropropene	ND		0.50	0.21	ug/L			04/02/24 09:31	1
1,4-Dichlorobenzene	ND		0.50	0.11	ug/L			04/02/24 09:31	1
2,2-Dichloropropane	ND		0.50	0.26	ug/L			04/02/24 09:31	1
2-Chlorotoluene	ND		0.50	0.23	ug/L			04/02/24 09:31	1

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Client Sample Results

Client: Stantec Consulting Services Inc
Project/Site: ExxonMobil Gladiola Station/3612

Job ID: 570-178407-1

Client Sample ID: Trip Blank

Lab Sample ID: 570-178407-2

Date Collected: 03/28/24 10:50

Matrix: Water

Date Received: 03/29/24 10:00

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Chlorotoluene	ND		0.50	0.24	ug/L			04/02/24 09:31	1
4-Methyl-2-pentanone	ND		5.0	1.6	ug/L			04/02/24 09:31	1
Acetone	ND		8.0	3.6	ug/L			04/02/24 09:31	1
Bromobenzene	ND		0.50	0.14	ug/L			04/02/24 09:31	1
Bromochloromethane	ND		1.0	0.27	ug/L			04/02/24 09:31	1
Bromoform	ND		0.50	0.28	ug/L			04/02/24 09:31	1
Bromomethane	ND		2.0	1.9	ug/L			04/02/24 09:31	1
Carbon disulfide	ND		1.0	0.32	ug/L			04/02/24 09:31	1
Carbon tetrachloride	ND		0.50	0.27	ug/L			04/02/24 09:31	1
Chlorobenzene	ND		0.50	0.12	ug/L			04/02/24 09:31	1
Dibromochloromethane	ND		0.50	0.21	ug/L			04/02/24 09:31	1
Chloroethane	ND		0.50	0.38	ug/L			04/02/24 09:31	1
Chloroform	ND		0.50	0.17	ug/L			04/02/24 09:31	1
Chloromethane	ND		1.0	0.65	ug/L			04/02/24 09:31	1
Dibromomethane	ND		0.50	0.16	ug/L			04/02/24 09:31	1
Bromodichloromethane	ND		0.50	0.15	ug/L			04/02/24 09:31	1
Dichlorodifluoromethane	ND		1.0	0.51	ug/L			04/02/24 09:31	1
1,2-Dibromoethane	ND		0.50	0.27	ug/L			04/02/24 09:31	1
Hexachloro-1,3-butadiene	ND		1.0	0.26	ug/L			04/02/24 09:31	1
Isopropylbenzene	ND		0.50	0.21	ug/L			04/02/24 09:31	1
2-Butanone	ND		5.0	2.9	ug/L			04/02/24 09:31	1
Methylene Chloride	ND		1.0	0.40	ug/L			04/02/24 09:31	1
2-Hexanone	ND		6.0	2.0	ug/L			04/02/24 09:31	1
Naphthalene	ND		1.0	0.55	ug/L			04/02/24 09:31	1
n-Butylbenzene	ND		0.50	0.24	ug/L			04/02/24 09:31	1
N-Propylbenzene	ND		0.50	0.18	ug/L			04/02/24 09:31	1
p-Isopropyltoluene	ND		0.50	0.20	ug/L			04/02/24 09:31	1
sec-Butylbenzene	ND		0.50	0.20	ug/L			04/02/24 09:31	1
Styrene	ND		0.50	0.27	ug/L			04/02/24 09:31	1
tert-Butylbenzene	ND		0.50	0.21	ug/L			04/02/24 09:31	1
Tetrachloroethene	ND		0.50	0.16	ug/L			04/02/24 09:31	1
Trichloroethene	ND		0.50	0.15	ug/L			04/02/24 09:31	1
Trichlorofluoromethane	ND		0.50	0.26	ug/L			04/02/24 09:31	1
Vinyl chloride	ND		0.50	0.23	ug/L			04/02/24 09:31	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	85		64 - 132		04/02/24 09:31	1
4-Bromofluorobenzene (Surr)	91		76 - 120		04/02/24 09:31	1
Dibromofluoromethane (Surr)	95		80 - 120		04/02/24 09:31	1
Toluene-d8 (Surr)	101		80 - 120		04/02/24 09:31	1

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Surrogate Summary

Client: Stantec Consulting Services Inc
Project/Site: ExxonMobil Gladiola Station/3612

Job ID: 570-178407-1

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

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)			
Lab Sample ID	Client Sample ID	DCA (64-132)	BFB (76-120)	DBFM (80-120)	TOL (80-120)
570-178407-2	Trip Blank	85	91	95	101
LCS 570-426372/1002	Lab Control Sample	96	103	99	93
LCSD 570-426372/3	Lab Control Sample Dup	99	104	96	96
MB 570-426372/5	Method Blank	96	99	100	102
Surrogate Legend					
DCA = 1,2-Dichloroethane-d4 (Surr)					
BFB = 4-Bromofluorobenzene (Surr)					
DBFM = Dibromofluoromethane (Surr)					
TOL = Toluene-d8 (Surr)					

Method: 8270C SIM - PAHs (GC/MS SIM)
Matrix: Water

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)		
Lab Sample ID	Client Sample ID	FBP (33-144)	NBZ (28-139)	TPHd14 (23-160)
570-178307-F-5-A MS	Matrix Spike	87	72	83
570-178307-F-5-B MSD	Matrix Spike Duplicate	88	67	81
570-178407-1	MW-39	92	73	79
LCS 570-426055/2-A	Lab Control Sample	80	66	72
LCSD 570-426055/3-A	Lab Control Sample Dup	110	87	99
MB 570-426055/1-A	Method Blank	87	77	78
Surrogate Legend				
FBP = 2-Fluorobiphenyl (Surr)				
NBZ = Nitrobenzene-d5 (Surr)				
TPHd14 = p-Terphenyl-d14 (Surr)				

QC Sample Results

Client: Stantec Consulting Services Inc
Project/Site: ExxonMobil Gladiola Station/3612

Job ID: 570-178407-1

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

Lab Sample ID: MB 570-426372/5

Matrix: Water

Analysis Batch: 426372

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.50	0.14	ug/L			04/02/24 08:47	1
Toluene	ND		0.50	0.14	ug/L			04/02/24 08:47	1
Ethylbenzene	ND		0.50	0.16	ug/L			04/02/24 08:47	1
o-Xylene	ND		0.50	0.18	ug/L			04/02/24 08:47	1
m,p-Xylene	ND		1.0	0.39	ug/L			04/02/24 08:47	1
Xylenes, Total	ND		1.0	0.39	ug/L			04/02/24 08:47	1
Methyl-t-Butyl Ether (MTBE)	ND		0.50	0.14	ug/L			04/02/24 08:47	1
1,1,1,2-Tetrachloroethane	ND		0.50	0.20	ug/L			04/02/24 08:47	1
1,1,1-Trichloroethane	ND		0.50	0.20	ug/L			04/02/24 08:47	1
1,1,2,2-Tetrachloroethane	ND		0.50	0.14	ug/L			04/02/24 08:47	1
1,1,2-Trichloroethane	ND		0.50	0.18	ug/L			04/02/24 08:47	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50	0.25	ug/L			04/02/24 08:47	1
1,1-Dichloroethane	ND		0.50	0.21	ug/L			04/02/24 08:47	1
1,1-Dichloroethene	ND		0.50	0.21	ug/L			04/02/24 08:47	1
1,1-Dichloropropene	ND		0.50	0.16	ug/L			04/02/24 08:47	1
1,2,3-Trichlorobenzene	ND		0.50	0.26	ug/L			04/02/24 08:47	1
1,2,3-Trichloropropane	ND		0.50	0.31	ug/L			04/02/24 08:47	1
1,2,4-Trichlorobenzene	ND		0.50	0.26	ug/L			04/02/24 08:47	1
1,2,4-Trimethylbenzene	ND		0.50	0.22	ug/L			04/02/24 08:47	1
1,3,5-Trimethylbenzene	ND		0.50	0.19	ug/L			04/02/24 08:47	1
c-1,2-Dichloroethene	ND		0.50	0.16	ug/L			04/02/24 08:47	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.84	ug/L			04/02/24 08:47	1
1,2-Dichlorobenzene	ND		0.50	0.14	ug/L			04/02/24 08:47	1
1,2-Dichloroethane	ND		0.50	0.14	ug/L			04/02/24 08:47	1
1,2-Dichloropropane	ND		0.50	0.14	ug/L			04/02/24 08:47	1
t-1,2-Dichloroethene	ND		0.50	0.22	ug/L			04/02/24 08:47	1
c-1,3-Dichloropropene	ND		0.50	0.15	ug/L			04/02/24 08:47	1
1,3-Dichlorobenzene	ND		0.50	0.16	ug/L			04/02/24 08:47	1
1,3-Dichloropropane	ND		0.50	0.19	ug/L			04/02/24 08:47	1
t-1,3-Dichloropropene	ND		0.50	0.21	ug/L			04/02/24 08:47	1
1,4-Dichlorobenzene	ND		0.50	0.11	ug/L			04/02/24 08:47	1
2,2-Dichloropropane	ND		0.50	0.26	ug/L			04/02/24 08:47	1
2-Chlorotoluene	ND		0.50	0.23	ug/L			04/02/24 08:47	1
4-Chlorotoluene	ND		0.50	0.24	ug/L			04/02/24 08:47	1
4-Methyl-2-pentanone	ND		5.0	1.6	ug/L			04/02/24 08:47	1
Acetone	ND		8.0	3.6	ug/L			04/02/24 08:47	1
Bromobenzene	ND		0.50	0.14	ug/L			04/02/24 08:47	1
Bromochloromethane	ND		1.0	0.27	ug/L			04/02/24 08:47	1
Bromoform	ND		0.50	0.28	ug/L			04/02/24 08:47	1
Bromomethane	ND		2.0	1.9	ug/L			04/02/24 08:47	1
Carbon disulfide	ND		1.0	0.32	ug/L			04/02/24 08:47	1
Carbon tetrachloride	ND		0.50	0.27	ug/L			04/02/24 08:47	1
Chlorobenzene	ND		0.50	0.12	ug/L			04/02/24 08:47	1
Dibromochloromethane	ND		0.50	0.21	ug/L			04/02/24 08:47	1
Chloroethane	ND		0.50	0.38	ug/L			04/02/24 08:47	1
Chloroform	ND		0.50	0.17	ug/L			04/02/24 08:47	1
Chloromethane	ND		1.0	0.65	ug/L			04/02/24 08:47	1
Dibromomethane	ND		0.50	0.16	ug/L			04/02/24 08:47	1

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QC Sample Results

Client: Stantec Consulting Services Inc
Project/Site: ExxonMobil Gladiola Station/3612

Job ID: 570-178407-1

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

Lab Sample ID: MB 570-426372/5

Matrix: Water

Analysis Batch: 426372

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromodichloromethane	ND		0.50	0.15	ug/L			04/02/24 08:47	1
Dichlorodifluoromethane	ND		1.0	0.51	ug/L			04/02/24 08:47	1
1,2-Dibromoethane	ND		0.50	0.27	ug/L			04/02/24 08:47	1
Hexachloro-1,3-butadiene	ND		1.0	0.26	ug/L			04/02/24 08:47	1
Isopropylbenzene	ND		0.50	0.21	ug/L			04/02/24 08:47	1
2-Butanone	ND		5.0	2.9	ug/L			04/02/24 08:47	1
Methylene Chloride	ND		1.0	0.40	ug/L			04/02/24 08:47	1
2-Hexanone	ND		6.0	2.0	ug/L			04/02/24 08:47	1
Naphthalene	ND		1.0	0.55	ug/L			04/02/24 08:47	1
n-Butylbenzene	ND		0.50	0.24	ug/L			04/02/24 08:47	1
N-Propylbenzene	ND		0.50	0.18	ug/L			04/02/24 08:47	1
p-Isopropyltoluene	ND		0.50	0.20	ug/L			04/02/24 08:47	1
sec-Butylbenzene	ND		0.50	0.20	ug/L			04/02/24 08:47	1
Styrene	ND		0.50	0.27	ug/L			04/02/24 08:47	1
tert-Butylbenzene	ND		0.50	0.21	ug/L			04/02/24 08:47	1
Tetrachloroethene	ND		0.50	0.16	ug/L			04/02/24 08:47	1
Trichloroethene	ND		0.50	0.15	ug/L			04/02/24 08:47	1
Trichlorofluoromethane	ND		0.50	0.26	ug/L			04/02/24 08:47	1
Vinyl chloride	ND		0.50	0.23	ug/L			04/02/24 08:47	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	96		64 - 132		04/02/24 08:47	1
4-Bromofluorobenzene (Surr)	99		76 - 120		04/02/24 08:47	1
Dibromofluoromethane (Surr)	100		80 - 120		04/02/24 08:47	1
Toluene-d8 (Surr)	102		80 - 120		04/02/24 08:47	1

Lab Sample ID: LCS 570-426372/1002

Matrix: Water

Analysis Batch: 426372

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	10.0	9.763		ug/L		98	80 - 120
Toluene	10.0	9.238		ug/L		92	80 - 120
Ethylbenzene	10.0	9.538		ug/L		95	80 - 126
o-Xylene	10.0	9.909		ug/L		99	80 - 124
m,p-Xylene	20.0	20.07		ug/L		100	80 - 123
Methyl-t-Butyl Ether (MTBE)	10.0	10.51		ug/L		105	69 - 128
1,1-Dichloroethene	10.0	9.536		ug/L		95	80 - 126
1,2-Dichlorobenzene	10.0	9.853		ug/L		99	80 - 120
1,2-Dichloroethane	10.0	9.895		ug/L		99	76 - 130
Carbon tetrachloride	10.0	9.836		ug/L		98	61 - 139
Chlorobenzene	10.0	9.841		ug/L		98	80 - 120
1,2-Dibromoethane	10.0	9.412		ug/L		94	80 - 125
Hexachloro-1,3-butadiene	10.0	8.805		ug/L		88	80 - 123
Trichloroethene	10.0	9.932		ug/L		99	77 - 124
Vinyl chloride	10.0	9.723		ug/L		97	50 - 160

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QC Sample Results

Client: Stantec Consulting Services Inc
Project/Site: ExxonMobil Gladiola Station/3612

Job ID: 570-178407-1

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

Lab Sample ID: LCS 570-426372/1002

Matrix: Water

Analysis Batch: 426372

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	96		64 - 132
4-Bromofluorobenzene (Surr)	103		76 - 120
Dibromofluoromethane (Surr)	99		80 - 120
Toluene-d8 (Surr)	93		80 - 120

Lab Sample ID: LCSD 570-426372/3

Matrix: Water

Analysis Batch: 426372

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	10.0	9.791		ug/L		98	80 - 120	0	20
Toluene	10.0	9.587		ug/L		96	80 - 120	4	20
Ethylbenzene	10.0	9.779		ug/L		98	80 - 126	2	20
o-Xylene	10.0	10.29		ug/L		103	80 - 124	4	20
m,p-Xylene	20.0	20.75		ug/L		104	80 - 123	3	20
Methyl-t-Butyl Ether (MTBE)	10.0	11.15		ug/L		111	69 - 128	6	20
1,1-Dichloroethene	10.0	9.531		ug/L		95	80 - 126	0	21
1,2-Dichlorobenzene	10.0	10.27		ug/L		103	80 - 120	4	20
1,2-Dichloroethane	10.0	10.30		ug/L		103	76 - 130	4	20
Carbon tetrachloride	10.0	9.389		ug/L		94	61 - 139	5	20
Chlorobenzene	10.0	10.00		ug/L		100	80 - 120	2	20
1,2-Dibromoethane	10.0	9.973		ug/L		100	80 - 125	6	20
Hexachloro-1,3-butadiene	10.0	9.344		ug/L		93	80 - 123	6	20
Trichloroethene	10.0	10.03		ug/L		100	77 - 124	1	20
Vinyl chloride	10.0	11.02		ug/L		110	50 - 160	12	20

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	99		64 - 132
4-Bromofluorobenzene (Surr)	104		76 - 120
Dibromofluoromethane (Surr)	96		80 - 120
Toluene-d8 (Surr)	96		80 - 120

Method: 8270C SIM - PAHs (GC/MS SIM)

Lab Sample ID: MB 570-426055/1-A

Matrix: Water

Analysis Batch: 429176

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 426055

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		0.20	0.097	ug/L		04/01/24 09:41	04/10/24 10:41	1
Acenaphthylene	ND		0.20	0.069	ug/L		04/01/24 09:41	04/10/24 10:41	1
Anthracene	ND		0.20	0.059	ug/L		04/01/24 09:41	04/10/24 10:41	1
Benzo[a]anthracene	ND		0.20	0.086	ug/L		04/01/24 09:41	04/10/24 10:41	1
Benzo[a]pyrene	ND		0.20	0.062	ug/L		04/01/24 09:41	04/10/24 10:41	1
Benzo[b]fluoranthene	ND		0.20	0.18	ug/L		04/01/24 09:41	04/10/24 10:41	1
Benzo[g,h,i]perylene	ND		0.20	0.10	ug/L		04/01/24 09:41	04/10/24 10:41	1
Benzo[k]fluoranthene	ND		0.20	0.15	ug/L		04/01/24 09:41	04/10/24 10:41	1
Chrysene	ND		0.20	0.059	ug/L		04/01/24 09:41	04/10/24 10:41	1

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QC Sample Results

Client: Stantec Consulting Services Inc
Project/Site: ExxonMobil Gladiola Station/3612

Job ID: 570-178407-1

Method: 8270C SIM - PAHs (GC/MS SIM) (Continued)

Lab Sample ID: MB 570-426055/1-A

Matrix: Water

Analysis Batch: 429176

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 426055

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenz(a,h)anthracene	ND		0.20	0.11	ug/L		04/01/24 09:41	04/10/24 10:41	1
Fluoranthene	ND		0.20	0.14	ug/L		04/01/24 09:41	04/10/24 10:41	1
Fluorene	ND		0.20	0.075	ug/L		04/01/24 09:41	04/10/24 10:41	1
Indeno[1,2,3-cd]pyrene	ND		0.20	0.11	ug/L		04/01/24 09:41	04/10/24 10:41	1
1-Methylnaphthalene	ND		0.20	0.073	ug/L		04/01/24 09:41	04/10/24 10:41	1
2-Methylnaphthalene	ND		0.20	0.077	ug/L		04/01/24 09:41	04/10/24 10:41	1
Naphthalene	ND		0.20	0.15	ug/L		04/01/24 09:41	04/10/24 10:41	1
Phenanthrene	ND		0.20	0.073	ug/L		04/01/24 09:41	04/10/24 10:41	1
Pyrene	ND		0.20	0.066	ug/L		04/01/24 09:41	04/10/24 10:41	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl (Surr)	87		33 - 144	04/01/24 09:41	04/10/24 10:41	1
Nitrobenzene-d5 (Surr)	77		28 - 139	04/01/24 09:41	04/10/24 10:41	1
p-Terphenyl-d14 (Surr)	78		23 - 160	04/01/24 09:41	04/10/24 10:41	1

Lab Sample ID: LCS 570-426055/2-A

Matrix: Water

Analysis Batch: 429176

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 426055

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Acenaphthene	10.0	5.983		ug/L		60	55 - 121
Acenaphthylene	10.0	6.558		ug/L		66	33 - 145
Anthracene	10.0	6.451		ug/L		65	27 - 133
Benzo[a]anthracene	10.0	6.601		ug/L		66	33 - 143
Benzo[a]pyrene	10.0	6.382		ug/L		64	17 - 163
Benzo[b]fluoranthene	10.0	6.560		ug/L		66	24 - 159
Benzo[g,h,i]perylene	10.0	7.026		ug/L		70	25 - 157
Benzo[k]fluoranthene	10.0	7.151		ug/L		72	24 - 159
Chrysene	10.0	6.787		ug/L		68	17 - 168
Dibenz(a,h)anthracene	10.0	7.012		ug/L		70	25 - 175
Fluoranthene	10.0	6.286		ug/L		63	26 - 137
Fluorene	10.0	6.076		ug/L		61	59 - 121
Indeno[1,2,3-cd]pyrene	10.0	7.105		ug/L		71	25 - 175
1-Methylnaphthalene	10.0	5.374		ug/L		54	20 - 140
2-Methylnaphthalene	10.0	5.344		ug/L		53	21 - 140
Naphthalene	10.0	5.406		ug/L		54	21 - 133
Phenanthrene	10.0	6.341		ug/L		63	54 - 120
Pyrene	10.0	6.783		ug/L		68	45 - 129

Surrogate	LCS %Recovery	LCS Qualifier	Limits
2-Fluorobiphenyl (Surr)	80		33 - 144
Nitrobenzene-d5 (Surr)	66		28 - 139
p-Terphenyl-d14 (Surr)	72		23 - 160

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QC Sample Results

Client: Stantec Consulting Services Inc
Project/Site: ExxonMobil Gladiola Station/3612

Job ID: 570-178407-1

Method: 8270C SIM - PAHs (GC/MS SIM) (Continued)

Lab Sample ID: LCSD 570-426055/3-A

Matrix: Water

Analysis Batch: 429176

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 426055

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Acenaphthene	10.0	8.313	*1	ug/L		83	55 - 121	33	25
Acenaphthylene	10.0	9.063	*1	ug/L		91	33 - 145	32	25
Anthracene	10.0	9.037	*1	ug/L		90	27 - 133	33	25
Benzo[a]anthracene	10.0	9.058	*1	ug/L		91	33 - 143	31	25
Benzo[a]pyrene	10.0	8.879	*1	ug/L		89	17 - 163	33	25
Benzo[b]fluoranthene	10.0	9.251	*1	ug/L		93	24 - 159	34	25
Benzo[g,h,i]perylene	10.0	9.752	*1	ug/L		98	25 - 157	32	25
Benzo[k]fluoranthene	10.0	9.718	*1	ug/L		97	24 - 159	30	25
Chrysene	10.0	9.432	*1	ug/L		94	17 - 168	33	25
Dibenz(a,h)anthracene	10.0	9.843	*1	ug/L		98	25 - 175	34	25
Fluoranthene	10.0	8.646	*1	ug/L		86	26 - 137	32	25
Fluorene	10.0	8.454	*1	ug/L		85	59 - 121	33	25
Indeno[1,2,3-cd]pyrene	10.0	9.927	*1	ug/L		99	25 - 175	33	25
1-Methylnaphthalene	10.0	7.099	*1	ug/L		71	20 - 140	28	25
2-Methylnaphthalene	10.0	7.176	*1	ug/L		72	21 - 140	29	25
Naphthalene	10.0	7.400	*1	ug/L		74	21 - 133	31	25
Phenanthrene	10.0	8.737	*1	ug/L		87	54 - 120	32	25
Pyrene	10.0	9.472	*1	ug/L		95	45 - 129	33	25

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
2-Fluorobiphenyl (Surr)	110		33 - 144
Nitrobenzene-d5 (Surr)	87		28 - 139
p-Terphenyl-d14 (Surr)	99		23 - 160

Lab Sample ID: 570-178307-F-5-A MS

Matrix: Water

Analysis Batch: 429176

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 426055

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Acenaphthene	ND	*1	9.76	6.611		ug/L		68	49 - 121
Acenaphthylene	ND	*1	9.76	6.948		ug/L		71	33 - 145
Anthracene	ND	*1	9.76	6.958		ug/L		71	27 - 133
Benzo[a]anthracene	ND	*1	9.76	6.685		ug/L		68	33 - 143
Benzo[a]pyrene	ND	*1	9.76	6.314		ug/L		65	17 - 163
Benzo[b]fluoranthene	ND	*1	9.76	6.672		ug/L		68	24 - 159
Benzo[g,h,i]perylene	ND	*1	9.76	6.764		ug/L		69	10 - 227
Benzo[k]fluoranthene	ND	*1	9.76	7.081		ug/L		73	24 - 159
Chrysene	ND	*1	9.76	6.774		ug/L		69	17 - 168
Dibenz(a,h)anthracene	ND	*1	9.76	6.733		ug/L		69	10 - 219
Fluoranthene	ND	*1	9.76	6.426		ug/L		66	26 - 137
Fluorene	ND	*1	9.76	6.538		ug/L		67	59 - 121
Indeno[1,2,3-cd]pyrene	ND	*1	9.76	6.974		ug/L		71	10 - 171
1-Methylnaphthalene	ND	*1	9.76	5.990		ug/L		61	20 - 140
2-Methylnaphthalene	ND	*1	9.76	5.926		ug/L		61	21 - 140
Naphthalene	ND	*1	9.76	6.121		ug/L		63	21 - 133
Phenanthrene	ND	*1	9.76	6.809		ug/L		70	54 - 120
Pyrene	ND	*1	9.76	7.452		ug/L		76	18 - 168

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QC Sample Results

Client: Stantec Consulting Services Inc
Project/Site: ExxonMobil Gladiola Station/3612

Job ID: 570-178407-1

Method: 8270C SIM - PAHs (GC/MS SIM) (Continued)

Lab Sample ID: 570-178307-F-5-A MS

Matrix: Water

Analysis Batch: 429176

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 426055

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
2-Fluorobiphenyl (Surr)	87		33 - 144
Nitrobenzene-d5 (Surr)	72		28 - 139
p-Terphenyl-d14 (Surr)	83		23 - 160

Lab Sample ID: 570-178307-F-5-B MSD

Matrix: Water

Analysis Batch: 429176

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 426055

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Acenaphthene	ND	*1	9.94	6.799		ug/L		68	49 - 121	3	25
Acenaphthylene	ND	*1	9.94	7.148		ug/L		72	33 - 145	3	25
Anthracene	ND	*1	9.94	7.063		ug/L		71	27 - 133	1	25
Benzo[a]anthracene	ND	*1	9.94	6.941		ug/L		70	33 - 143	4	25
Benzo[a]pyrene	ND	*1	9.94	6.656		ug/L		67	17 - 163	5	25
Benzo[b]fluoranthene	ND	*1	9.94	6.915		ug/L		70	24 - 159	4	25
Benzo[g,h,i]perylene	ND	*1	9.94	7.178		ug/L		72	10 - 227	6	25
Benzo[k]fluoranthene	ND	*1	9.94	7.346		ug/L		74	24 - 159	4	25
Chrysene	ND	*1	9.94	7.130		ug/L		72	17 - 168	5	25
Dibenz(a,h)anthracene	ND	*1	9.94	7.230		ug/L		73	10 - 219	7	25
Fluoranthene	ND	*1	9.94	6.623		ug/L		67	26 - 137	3	25
Fluorene	ND	*1	9.94	6.608		ug/L		66	59 - 121	1	25
Indeno[1,2,3-cd]pyrene	ND	*1	9.94	7.367		ug/L		74	10 - 171	5	25
1-Methylnaphthalene	ND	*1	9.94	6.196		ug/L		62	20 - 140	3	25
2-Methylnaphthalene	ND	*1	9.94	6.153		ug/L		62	21 - 140	4	25
Naphthalene	ND	*1	9.94	6.063		ug/L		61	21 - 133	1	25
Phenanthrene	ND	*1	9.94	6.871		ug/L		69	54 - 120	1	25
Pyrene	ND	*1	9.94	7.542		ug/L		76	18 - 168	1	25

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
2-Fluorobiphenyl (Surr)	88		33 - 144
Nitrobenzene-d5 (Surr)	67		28 - 139
p-Terphenyl-d14 (Surr)	81		23 - 160

Method: 9056A - Anions, Ion Chromatography

Lab Sample ID: MB 570-427455/5

Matrix: Water

Analysis Batch: 427455

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromide	ND		0.10	0.041	mg/L			04/04/24 06:36	1
Sulfate	ND		1.0	0.24	mg/L			04/04/24 06:36	1
Chloride	ND		1.0	0.36	mg/L			04/04/24 06:36	1

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QC Sample Results

Client: Stantec Consulting Services Inc
Project/Site: ExxonMobil Gladiola Station/3612

Job ID: 570-178407-1

Method: 9056A - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCS 570-427455/6

Matrix: Water

Analysis Batch: 427455

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Bromide	5.00	5.078		mg/L		102	80 - 120
Sulfate	50.0	49.90		mg/L		100	80 - 120
Chloride	50.0	51.75		mg/L		103	80 - 120

Lab Sample ID: LCSD 570-427455/7

Matrix: Water

Analysis Batch: 427455

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Bromide	5.00	5.084		mg/L		102	80 - 120	0	15
Sulfate	50.0	49.88		mg/L		100	80 - 120	0	15
Chloride	50.0	51.76		mg/L		104	80 - 120	0	15

Lab Sample ID: 570-179041-B-3 MS

Matrix: Water

Analysis Batch: 427455

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Bromide	0.80		5.00	5.933		mg/L		103	80 - 120

Lab Sample ID: 570-179041-B-3 MSD

Matrix: Water

Analysis Batch: 427455

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Bromide	0.80		5.00	5.980		mg/L		104	80 - 120	1	15

Method: 9056A - Anions, Ion Chromatography - DL

Lab Sample ID: 570-179041-B-3 MS

Matrix: Water

Analysis Batch: 427455

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Sulfate - DL	350		50.0	393.7	4	mg/L		86	80 - 120
Chloride - DL	460		50.0	499.5	4	mg/L		70	80 - 120

Lab Sample ID: 570-179041-B-3 MSD

Matrix: Water

Analysis Batch: 427455

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Sulfate - DL	350		50.0	376.8	4	mg/L		52	80 - 120	4	15
Chloride - DL	460		50.0	477.3	4	mg/L		25	80 - 120	5	15

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QC Sample Results

Client: Stantec Consulting Services Inc
Project/Site: ExxonMobil Gladiola Station/3612

Job ID: 570-178407-1

Method: 245.1 - Mercury (CVAA)

Lab Sample ID: MB 570-426482/1-A

Matrix: Water

Analysis Batch: 426605

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 426482

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.000200	0.000124	mg/L		04/02/24 10:44	04/02/24 17:05	1

Lab Sample ID: LCS 570-426482/2-A

Matrix: Water

Analysis Batch: 426605

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 426482

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.00800	0.008278		mg/L		103	85 - 115

Lab Sample ID: LCSD 570-426482/3-A

Matrix: Water

Analysis Batch: 426605

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 426482

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury	0.00800	0.008375		mg/L		105	85 - 115	1	10

Lab Sample ID: 570-178407-1 MS

Matrix: Water

Analysis Batch: 426605

Client Sample ID: MW-39

Prep Type: Total/NA

Prep Batch: 426482

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.000155	J	0.00800	0.007922		mg/L		97	85 - 115

Lab Sample ID: 570-178407-1 MSD

Matrix: Water

Analysis Batch: 426605

Client Sample ID: MW-39

Prep Type: Total/NA

Prep Batch: 426482

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury	0.000155	J	0.00800	0.007965		mg/L		98	85 - 115	1	10

Method: 6010B - Metals (ICP)

Lab Sample ID: MB 570-426425/1-A

Matrix: Water

Analysis Batch: 427794

Client Sample ID: Method Blank

Prep Type: Total Recoverable

Prep Batch: 426425

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.100	0.0255	mg/L		04/02/24 08:57	04/05/24 13:17	1
Arsenic	ND		0.100	0.0199	mg/L		04/02/24 08:57	04/05/24 13:17	1
Barium	ND		0.0100	0.00111	mg/L		04/02/24 08:57	04/05/24 13:17	1
Beryllium	ND		0.0100	0.00127	mg/L		04/02/24 08:57	04/05/24 13:17	1
Cadmium	ND		0.0100	0.000620	mg/L		04/02/24 08:57	04/05/24 13:17	1
Chromium	ND		0.0500	0.00296	mg/L		04/02/24 08:57	04/05/24 13:17	1
Cobalt	ND		0.0500	0.000880	mg/L		04/02/24 08:57	04/05/24 13:17	1
Copper	ND		0.0500	0.00269	mg/L		04/02/24 08:57	04/05/24 13:17	1
Lead	ND		0.0500	0.00527	mg/L		04/02/24 08:57	04/05/24 13:17	1
Molybdenum	ND		0.0500	0.00391	mg/L		04/02/24 08:57	04/05/24 13:17	1
Nickel	ND		0.0500	0.00307	mg/L		04/02/24 08:57	04/05/24 13:17	1
Selenium	ND		0.0500	0.0162	mg/L		04/02/24 08:57	04/05/24 13:17	1
Silver	ND		0.0100	0.00259	mg/L		04/02/24 08:57	04/05/24 13:17	1

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QC Sample Results

Client: Stantec Consulting Services Inc
Project/Site: ExxonMobil Gladiola Station/3612

Job ID: 570-178407-1

Method: 6010B - Metals (ICP) (Continued)

Lab Sample ID: MB 570-426425/1-A

Matrix: Water

Analysis Batch: 427794

Client Sample ID: Method Blank

Prep Type: Total Recoverable

Prep Batch: 426425

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Thallium	ND		0.0500	0.00996	mg/L		04/02/24 08:57	04/05/24 13:17	1
Vanadium	ND		0.0100	0.00239	mg/L		04/02/24 08:57	04/05/24 13:17	1
Zinc	ND		0.250	0.0133	mg/L		04/02/24 08:57	04/05/24 13:17	1

Lab Sample ID: LCS 570-426425/2-A

Matrix: Water

Analysis Batch: 427794

Client Sample ID: Lab Control Sample

Prep Type: Total Recoverable

Prep Batch: 426425

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	0.500	0.5656		mg/L		113	80 - 120
Arsenic	0.500	0.4555		mg/L		91	80 - 120
Barium	0.500	0.4646		mg/L		93	80 - 120
Beryllium	0.500	0.4598		mg/L		92	80 - 120
Cadmium	0.500	0.4586		mg/L		92	80 - 120
Chromium	0.500	0.4741		mg/L		95	80 - 120
Cobalt	0.500	0.4646		mg/L		93	80 - 120
Copper	0.500	0.4631		mg/L		93	80 - 120
Lead	0.500	0.4654		mg/L		93	80 - 120
Molybdenum	0.500	0.5330		mg/L		107	80 - 120
Nickel	0.500	0.4663		mg/L		93	80 - 120
Selenium	0.500	0.4439		mg/L		89	80 - 120
Silver	0.250	0.2305		mg/L		92	80 - 120
Thallium	0.500	0.4664		mg/L		93	80 - 120
Vanadium	0.500	0.4672		mg/L		93	80 - 120
Zinc	0.500	0.4588		mg/L		92	80 - 120

Lab Sample ID: LCSD 570-426425/3-A

Matrix: Water

Analysis Batch: 427794

Client Sample ID: Lab Control Sample Dup

Prep Type: Total Recoverable

Prep Batch: 426425

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Antimony	0.500	0.5751		mg/L		115	80 - 120	2	20
Arsenic	0.500	0.4549		mg/L		91	80 - 120	0	20
Barium	0.500	0.4642		mg/L		93	80 - 120	0	20
Beryllium	0.500	0.4592		mg/L		92	80 - 120	0	20
Cadmium	0.500	0.4577		mg/L		92	80 - 120	0	20
Chromium	0.500	0.4738		mg/L		95	80 - 120	0	20
Cobalt	0.500	0.4633		mg/L		93	80 - 120	0	20
Copper	0.500	0.4612		mg/L		92	80 - 120	0	20
Lead	0.500	0.4650		mg/L		93	80 - 120	0	20
Molybdenum	0.500	0.5338		mg/L		107	80 - 120	0	20
Nickel	0.500	0.4646		mg/L		93	80 - 120	0	20
Selenium	0.500	0.4398		mg/L		88	80 - 120	1	20
Silver	0.250	0.2303		mg/L		92	80 - 120	0	20
Thallium	0.500	0.4650		mg/L		93	80 - 120	0	20
Vanadium	0.500	0.4662		mg/L		93	80 - 120	0	20
Zinc	0.500	0.4582		mg/L		92	80 - 120	0	20

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QC Sample Results

Client: Stantec Consulting Services Inc
Project/Site: ExxonMobil Gladiola Station/3612

Job ID: 570-178407-1

Method: 6010B - Metals (ICP) (Continued)

Lab Sample ID: 570-178436-P-1-B MS ^5

Matrix: Water

Analysis Batch: 427794

Client Sample ID: Matrix Spike

Prep Type: Total Recoverable

Prep Batch: 426425

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	ND		0.500	0.6455		mg/L		129	72 - 132
Arsenic	ND		0.500	0.5280		mg/L		106	80 - 140
Barium	0.351		0.500	0.8595		mg/L		102	87 - 123
Beryllium	ND		0.500	0.5105		mg/L		102	89 - 119
Cadmium	ND		0.500	0.4975		mg/L		100	82 - 124
Chromium	ND		0.500	0.5210		mg/L		104	86 - 122
Cobalt	ND		0.500	0.4995		mg/L		100	83 - 125
Copper	0.0345	J	0.500	0.5420		mg/L		102	78 - 126
Lead	ND		0.500	0.5030		mg/L		101	84 - 120
Molybdenum	ND		0.500	0.5940		mg/L		119	78 - 126
Nickel	ND		0.500	0.4910		mg/L		98	84 - 120
Selenium	ND		0.500	0.5115		mg/L		102	79 - 127
Silver	ND		0.250	0.2485		mg/L		99	86 - 128
Thallium	ND		0.500	0.5045		mg/L		101	79 - 121
Vanadium	ND		0.500	0.5230		mg/L		105	88 - 118
Zinc	ND		0.500	0.5265	J	mg/L		105	89 - 131

Lab Sample ID: 570-178436-P-1-C MSD ^5

Matrix: Water

Analysis Batch: 427794

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total Recoverable

Prep Batch: 426425

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
Antimony	ND		0.500	0.6170		mg/L		123	72 - 132	5	10
Arsenic	ND		0.500	0.5395		mg/L		108	80 - 140	2	11
Barium	0.351		0.500	0.8305		mg/L		96	87 - 123	3	6
Beryllium	ND		0.500	0.4940		mg/L		99	89 - 119	3	8
Cadmium	ND		0.500	0.4815		mg/L		96	82 - 124	3	7
Chromium	ND		0.500	0.5065		mg/L		101	86 - 122	3	8
Cobalt	ND		0.500	0.4850		mg/L		97	83 - 125	3	7
Copper	0.0345	J	0.500	0.5260		mg/L		98	78 - 126	3	7
Lead	ND		0.500	0.4945		mg/L		99	84 - 120	2	7
Molybdenum	ND		0.500	0.5750		mg/L		115	78 - 126	3	7
Nickel	ND		0.500	0.4740		mg/L		95	84 - 120	4	7
Selenium	ND		0.500	0.5020		mg/L		100	79 - 127	2	9
Silver	ND		0.250	0.2420		mg/L		97	86 - 128	3	7
Thallium	ND		0.500	0.5010		mg/L		100	79 - 121	1	8
Vanadium	ND		0.500	0.5080		mg/L		102	88 - 118	3	7
Zinc	ND		0.500	0.5190	J	mg/L		104	89 - 131	1	8

Method: SM 2320B - Alkalinity

Lab Sample ID: MB 570-429217/21

Matrix: Water

Analysis Batch: 429217

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity, Total (As CaCO3)	ND		5.00	2.18	mg/L			04/09/24 16:37	1

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QC Sample Results

Client: Stantec Consulting Services Inc
Project/Site: ExxonMobil Gladiola Station/3612

Job ID: 570-178407-1

Method: SM 2320B - Alkalinity (Continued)

Lab Sample ID: MB 570-429217/51

Matrix: Water

Analysis Batch: 429217

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity, Total (As CaCO3)	ND		5.00	2.18	mg/L			04/09/24 18:57	1

Lab Sample ID: LCS 570-429217/49

Matrix: Water

Analysis Batch: 429217

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Alkalinity, Total (As CaCO3)	106	101.9		mg/L		96	78 - 110

Lab Sample ID: LCSD 570-429217/50

Matrix: Water

Analysis Batch: 429217

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Alkalinity, Total (As CaCO3)	106	101.3		mg/L		96	78 - 110	1	10

Lab Sample ID: 570-178314-O-1 DU

Matrix: Water

Analysis Batch: 429217

Client Sample ID: Duplicate

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Alkalinity, Total (As CaCO3)	532		547.6		mg/L		3	25

Method: SM 2540C - Solids, Total Dissolved (TDS)

Lab Sample ID: MB 570-427441/1

Matrix: Water

Analysis Batch: 427441

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	ND		10.0	8.70	mg/L			04/04/24 15:27	1

Lab Sample ID: LCS 570-427441/2

Matrix: Water

Analysis Batch: 427441

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Dissolved Solids	1000	1056		mg/L		106	84 - 108

Lab Sample ID: LCSD 570-427441/3

Matrix: Water

Analysis Batch: 427441

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Total Dissolved Solids	1000	1058		mg/L		106	84 - 108	0	10

Eurofins Calscience

QC Sample Results

Client: Stantec Consulting Services Inc
Project/Site: ExxonMobil Gladiola Station/3612

Job ID: 570-178407-1

Method: SM 2540C - Solids, Total Dissolved (TDS) (Continued)

Lab Sample ID: 570-178407-1 DU					Client Sample ID: MW-39				
Matrix: Water					Prep Type: Total/NA				
Analysis Batch: 427441									
Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	Limit	
Total Dissolved Solids	711		688.0		mg/L		3	10	

QC Association Summary

Client: Stantec Consulting Services Inc
Project/Site: ExxonMobil Gladiola Station/3612

Job ID: 570-178407-1

GC/MS VOA

Analysis Batch: 426372

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-178407-2	Trip Blank	Total/NA	Water	8260B	
MB 570-426372/5	Method Blank	Total/NA	Water	8260B	
LCS 570-426372/1002	Lab Control Sample	Total/NA	Water	8260B	
LCSD 570-426372/3	Lab Control Sample Dup	Total/NA	Water	8260B	

GC/MS Semi VOA

Prep Batch: 426055

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-178407-1	MW-39	Total/NA	Water	3510C	
MB 570-426055/1-A	Method Blank	Total/NA	Water	3510C	
LCS 570-426055/2-A	Lab Control Sample	Total/NA	Water	3510C	
LCSD 570-426055/3-A	Lab Control Sample Dup	Total/NA	Water	3510C	
570-178307-F-5-A MS	Matrix Spike	Total/NA	Water	3510C	
570-178307-F-5-B MSD	Matrix Spike Duplicate	Total/NA	Water	3510C	

Analysis Batch: 429176

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-178407-1	MW-39	Total/NA	Water	8270C SIM	426055
MB 570-426055/1-A	Method Blank	Total/NA	Water	8270C SIM	426055
LCS 570-426055/2-A	Lab Control Sample	Total/NA	Water	8270C SIM	426055
LCSD 570-426055/3-A	Lab Control Sample Dup	Total/NA	Water	8270C SIM	426055
570-178307-F-5-A MS	Matrix Spike	Total/NA	Water	8270C SIM	426055
570-178307-F-5-B MSD	Matrix Spike Duplicate	Total/NA	Water	8270C SIM	426055

HPLC/IC

Analysis Batch: 427455

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-178407-1	MW-39	Total/NA	Water	9056A	
570-178407-1 - DL	MW-39	Total/NA	Water	9056A	
MB 570-427455/5	Method Blank	Total/NA	Water	9056A	
LCS 570-427455/6	Lab Control Sample	Total/NA	Water	9056A	
LCSD 570-427455/7	Lab Control Sample Dup	Total/NA	Water	9056A	
570-179041-B-3 MS	Matrix Spike	Total/NA	Water	9056A	
570-179041-B-3 MS - DL	Matrix Spike	Total/NA	Water	9056A	
570-179041-B-3 MSD	Matrix Spike Duplicate	Total/NA	Water	9056A	
570-179041-B-3 MSD - DL	Matrix Spike Duplicate	Total/NA	Water	9056A	

Metals

Prep Batch: 426425

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-178407-1	MW-39	Total Recoverable	Water	3005A	
MB 570-426425/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 570-426425/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
LCSD 570-426425/3-A	Lab Control Sample Dup	Total Recoverable	Water	3005A	
570-178436-P-1-B MS ^5	Matrix Spike	Total Recoverable	Water	3005A	
570-178436-P-1-C MSD ^5	Matrix Spike Duplicate	Total Recoverable	Water	3005A	

Eurofins Calscience

QC Association Summary

Client: Stantec Consulting Services Inc
Project/Site: ExxonMobil Gladiola Station/3612

Job ID: 570-178407-1

Metals

Prep Batch: 426482

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-178407-1	MW-39	Total/NA	Water	245.1	
MB 570-426482/1-A	Method Blank	Total/NA	Water	245.1	
LCS 570-426482/2-A	Lab Control Sample	Total/NA	Water	245.1	
LCSD 570-426482/3-A	Lab Control Sample Dup	Total/NA	Water	245.1	
570-178407-1 MS	MW-39	Total/NA	Water	245.1	
570-178407-1 MSD	MW-39	Total/NA	Water	245.1	

Analysis Batch: 426605

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-178407-1	MW-39	Total/NA	Water	245.1	426482
MB 570-426482/1-A	Method Blank	Total/NA	Water	245.1	426482
LCS 570-426482/2-A	Lab Control Sample	Total/NA	Water	245.1	426482
LCSD 570-426482/3-A	Lab Control Sample Dup	Total/NA	Water	245.1	426482
570-178407-1 MS	MW-39	Total/NA	Water	245.1	426482
570-178407-1 MSD	MW-39	Total/NA	Water	245.1	426482

Analysis Batch: 427726

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-178407-1	MW-39	Total Recoverable	Water	6010B	426425

Analysis Batch: 427794

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 570-426425/1-A	Method Blank	Total Recoverable	Water	6010B	426425
LCS 570-426425/2-A	Lab Control Sample	Total Recoverable	Water	6010B	426425
LCSD 570-426425/3-A	Lab Control Sample Dup	Total Recoverable	Water	6010B	426425
570-178436-P-1-B MS ^5	Matrix Spike	Total Recoverable	Water	6010B	426425
570-178436-P-1-C MSD ^5	Matrix Spike Duplicate	Total Recoverable	Water	6010B	426425

General Chemistry

Analysis Batch: 427441

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-178407-1	MW-39	Total/NA	Water	SM 2540C	
MB 570-427441/1	Method Blank	Total/NA	Water	SM 2540C	
LCS 570-427441/2	Lab Control Sample	Total/NA	Water	SM 2540C	
LCSD 570-427441/3	Lab Control Sample Dup	Total/NA	Water	SM 2540C	
570-178407-1 DU	MW-39	Total/NA	Water	SM 2540C	

Analysis Batch: 429217

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-178407-1	MW-39	Total/NA	Water	SM 2320B	
MB 570-429217/21	Method Blank	Total/NA	Water	SM 2320B	
MB 570-429217/51	Method Blank	Total/NA	Water	SM 2320B	
LCS 570-429217/49	Lab Control Sample	Total/NA	Water	SM 2320B	
LCSD 570-429217/50	Lab Control Sample Dup	Total/NA	Water	SM 2320B	
570-178314-O-1 DU	Duplicate	Total/NA	Water	SM 2320B	

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Lab Chronicle

Client: Stantec Consulting Services Inc
Project/Site: ExxonMobil Gladiola Station/3612

Job ID: 570-178407-1

Client Sample ID: MW-39

Lab Sample ID: 570-178407-1

Date Collected: 03/28/24 10:50

Matrix: Water

Date Received: 03/29/24 10:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3510C			1037.8 mL	2 mL	426055	04/01/24 09:41	H1SH	EET CAL 4
Total/NA	Analysis	8270C SIM		1	1 mL	1 mL	429176	04/10/24 18:11	J7WE	EET CAL 4
		Instrument ID: GCMSMM								
Total/NA	Analysis	9056A		1	4 mL	4 mL	427455	04/04/24 18:01	UIP1	EET CAL 4
		Instrument ID: IC27								
Total/NA	Analysis	9056A	DL	10	4 mL	4 mL	427455	04/04/24 20:01	UIP1	EET CAL 4
		Instrument ID: IC27								
Total/NA	Prep	245.1			25 mL	50 mL	426482	04/02/24 10:44	VCN7	EET CAL 4
Total/NA	Analysis	245.1		1			426605	04/02/24 17:15	ECX6	EET CAL 4
		Instrument ID: HG9								
Total Recoverable	Prep	3005A			50 mL	50 mL	426425	04/02/24 08:57	JP8N	EET CAL 4
Total Recoverable	Analysis	6010B		1			427726	04/03/24 00:15	K1UV	EET CAL 4
		Instrument ID: ICP11								
Total/NA	Analysis	SM 2320B		1	10 mL	10 mL	429217	04/09/24 19:30	ZL4M	EET CAL 4
		Instrument ID: ManSciMantech								
Total/NA	Analysis	SM 2540C		1	100 mL	1000 mL	427441	04/04/24 15:27	PK4M	EET CAL 4
		Instrument ID: BAL100								

Client Sample ID: Trip Blank

Lab Sample ID: 570-178407-2

Date Collected: 03/28/24 10:50

Matrix: Water

Date Received: 03/29/24 10:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	20 mL	20 mL	426372	04/02/24 09:31	Y2DF	EET CAL 4
		Instrument ID: GCMSWW								

Laboratory References:

EET CAL 4 = Eurofins Calscience Tustin, 2841 Dow Avenue, Tustin, CA 92780, TEL (714)895-5494

Accreditation/Certification Summary

Client: Stantec Consulting Services Inc
Project/Site: ExxonMobil Gladiola Station/3612

Job ID: 570-178407-1

Laboratory: Eurofins Calscience

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Oregon	NELAP	4175	02-03-25

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

Method Summary

Client: Stantec Consulting Services Inc
Project/Site: ExxonMobil Gladiola Station/3612

Job ID: 570-178407-1

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	EET CAL 4
8270C SIM	PAHs (GC/MS SIM)	SW846	EET CAL 4
9056A	Anions, Ion Chromatography	SW846	EET CAL 4
245.1	Mercury (CVAA)	EPA	EET CAL 4
6010B	Metals (ICP)	SW846	EET CAL 4
SM 2320B	Alkalinity	SM	EET CAL 4
SM 2540C	Solids, Total Dissolved (TDS)	SM	EET CAL 4
245.1	Preparation, Mercury	EPA	EET CAL 4
3005A	Preparation, Total Recoverable or Dissolved Metals	SW846	EET CAL 4
3510C	Liquid-Liquid Extraction (Separatory Funnel)	SW846	EET CAL 4
5030C	Purge and Trap	SW846	EET CAL 4

Protocol References:

EPA = US Environmental Protection Agency

SM = "Standard Methods For The Examination Of Water And Wastewater"

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

Laboratory References:

EET CAL 4 = Eurofins Calscience Tustin, 2841 Dow Avenue, Tustin, CA 92780, TEL (714)895-5494

Eurofins Calscience

Cecile L de Guia

From: Anderson, James <james.anderson@stantec.com>
Sent: Friday, April 12, 2024 12:35 PM
To: Cecile L de Guia
Subject: RE: <Response Requested> 570-178407-1 ExxonMobil Gladiola Station/3612 Sample Confirmation files from Eurofins Southwest

CAUTION: EXTERNAL EMAIL - Sent from an email domain that is not formally trusted by Eurofins.

Do not click on links or open attachments unless you recognise the sender and are certain that the content is safe.

Cecile,

Yes, confirmed, thank you

James Anderson

Senior Program Manager / Senior Principal
Mobile: 805 701-1420
james.anderson@stantec.com

Stantec



The content of this email is the confidential property of Stantec and should not be copied, modified, retransmitted, or used for any purpose except with Stantec's written authorization. If you are not the intended recipient, please delete all copies and notify us immediately.

Please consider the environment before printing this email.

From: Cecile L de Guia <Cecile.deGuia@et.eurofinsus.com>
Sent: Friday, April 12, 2024 11:02 AM
To: Anderson, James <james.anderson@stantec.com>
Subject: FW: <Response Requested> 570-178407-1 ExxonMobil Gladiola Station/3612 Sample Confirmation files from Eurofins Southwest
Importance: High

Good morning James,

The report for the above job is due today. However, I was informed that Chloride has not been analyze due to a reagent has not come in. Schedule for delivery per vendor is at the end of the month.

I would like to ask you if we can report Chloride via 9056 with Bromide and Sulfate?

I apologize for the inconvenience.

Please confirm.

Thank you.

Best regards,
Cecile de Guia
Project Manager

Eurofins Environment Testing Southwest, LLC
2841 Dow Avenue, Suite 100
Tustin, CA 92780
USA

Eurofins Calscience

2841 Dow Avenue, Suite 100
Tustin, CA 92780
Phone: 714-895-5494

Chain of Custody Record



Environment Testing

Page 167 of 310

LOC 570

178407

[illegible]

LOC 570
178407

ORIGIN ID:HOBBA (214) 972-5800
CALSCIENCE ENVIRONMENTAL LAB
STE 100
2841 DOW AVE STE 100
JUSTIN, CA 92780
UNITED STATES US

SHIP DATE: 28MAR24
ACTWGT: 26.90 LB
CAD: 6994246/SSFE2500
DIMS: 17x15x14 IN
BILL THIRD PARTY

Part # 156297485, R44051539 11/24

TO

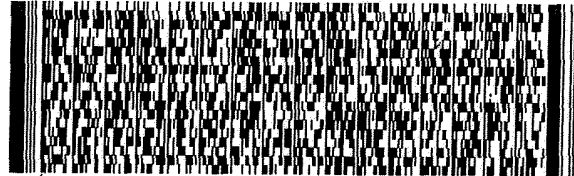
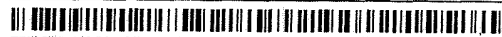
EUROFINS
2841 DOW AVE STE 100

TUSTIN CA 92780

(214) 972-5800
 INU:
 PO:

REF :

DEPT:



FedEx
Express



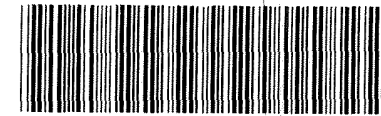
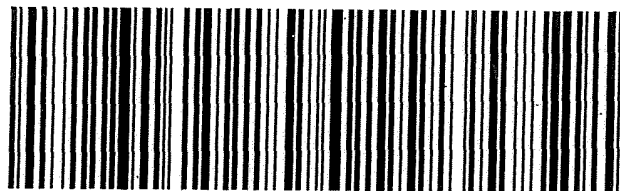
1244024034004...

TRK# 2727 6120 1144
0201

FRI - 29 MAR 10:30A
PRIORITY OVERNIGHT

A7 DTHA

92780
CA-US SNA



570-178407 Waybill

Login Sample Receipt Checklist

Client: Stantec Consulting Services Inc

Job Number: 570-178407-1

Login Number: 178407

List Number: 1

Creator: Vitente, Precy

List Source: Eurofins Calscience

Question	Answer	Comment
Radioactivity wasn't checked or is $\leq$ background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	False	Refer to Job Narrative for details.
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is $<6\text{mm}$ (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	



Environment Testing

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

ANALYTICAL REPORT

PREPARED FOR

Attn: Mr. James Anderson
Stantec Consulting Services Inc
4572 Telephone Road #916
Ventura, California 93003

Generated 6/18/2024 10:13:47 PM

JOB DESCRIPTION

ExxonMobil Gladiola Station/238000257

JOB NUMBER

570-186772-1

Eurofins Calscience
2841 Dow Avenue, Suite 100
Tustin CA 92780

Eurofins Calscience

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Calscience Project Manager.

Authorization



Generated
6/18/2024 10:13:47 PM

Authorized for release by
Terri Chang, Project Manager I
Terri.Chang@et.eurofinsus.com
Designee for
Cecile de Guia, Project Manager I
Cecile.deGuia@et.eurofinsus.com
(714)895-5494

Client: Stantec Consulting Services Inc
Project/Site: ExxonMobil Gladiola Station/238000257

Laboratory Job ID: 570-186772-1

Table of Contents

Cover Page	1
Table of Contents	3
Sample Summary	4
Definitions/Glossary	5
Case Narrative	6
Detection Summary	7
Client Sample Results	12
Surrogate Summary	44
QC Sample Results	45
QC Association Summary	56
Lab Chronicle	61
Certification Summary	68
Method Summary	69
Chain of Custody	70
Receipt Checklists	71

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

Sample Summary

Client: Stantec Consulting Services Inc
Project/Site: ExxonMobil Gladiola Station/238000257

Job ID: 570-186772-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
570-186772-1	MW31	Water	06/03/24 08:40	06/04/24 13:13
570-186772-2	MW32	Water	06/03/24 09:20	06/04/24 13:13
570-186772-3	MW33	Water	06/03/24 12:50	06/04/24 13:13
570-186772-4	MW34	Water	06/03/24 09:55	06/04/24 13:13
570-186772-5	MW35	Water	06/03/24 11:20	06/04/24 13:13
570-186772-6	MW36	Water	06/03/24 12:20	06/04/24 13:13
570-186772-7	MW37	Water	06/03/24 14:35	06/04/24 13:13
570-186772-8	MW38	Water	06/03/24 14:00	06/04/24 13:13
570-186772-9	MW-39	Water	06/03/24 13:20	06/04/24 13:13
570-186772-10	MW30	Water	06/03/24 10:45	06/04/24 13:13
570-186772-11	Trip Blank	Water	06/03/24 15:10	06/04/24 13:13
570-186772-12	Trip Blank	Water	06/03/24 15:00	06/04/24 13:13



Definitions/Glossary

Client: Stantec Consulting Services Inc
Project/Site: ExxonMobil Gladiola Station/238000257

Job ID: 570-186772-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
*+	LCS and/or LCSD is outside acceptance limits, high biased.

GC/MS Semi VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Metals

Qualifier	Qualifier Description
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
B	Compound was found in the blank and sample.
F1	MS and/or MSD recovery exceeds control limits.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
▫	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Case Narrative

Client: Stantec Consulting Services Inc
Project: ExxonMobil Gladiola Station/238000257

Job ID: 570-186772-1

Job ID: 570-186772-1

Eurofins Calscience

Job Narrative 570-186772-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers are applied to indicate exceptions. Noncompliant quality control (QC) is further explained in narrative comments.

- Matrix QC may not be reported if insufficient sample or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt

The samples were received on 6/4/2024 1:13 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperatures of the 2 coolers at receipt time were 1.9°C and 4.4°C.

GC/MS VOA

Method 8260B_LL: The laboratory control sample (LCS) and laboratory control sample duplicate (LCSD) for analytical batch 570-448946 recovered outside control limits for the following analyte: Bromoform. This analyte was biased high in the LCS and was not detected in the associated samples; therefore, the data have been reported.

Method 8260B_LL: The following analyte recovered outside control limits for the LCS associated with analytical batch 570-448946: 1,2-Dibromo-3-Chloropropane. This is not indicative of a systematic control problem because these were random marginal exceedances. Qualified results have been reported.

Method 8260B_LL: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with analytical batch 570-448946. The laboratory control sample (LCS) was performed in duplicate (LCSD) to provide precision data for this batch.

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

GC/MS Semi VOA

Method 8270C_SIM_PAH: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with preparation batch 570-448515. The laboratory control sample (LCS) was performed in duplicate (LCSD) to provide precision data for this batch.

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

HPLC/IC

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

Metals

Method 245.1: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 570-447771 and analytical batch 570-447908 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

Method 6020 - Total Recoverable: The method blank for preparation batch 570-447698 and analytical batch 570-447960 contained Sodium above the method detection limit. This target analyte concentration was less than the reporting limit (RL) in the method blank; therefore, re-extraction and/or re-analysis of samples was not performed.

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

General Chemistry

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

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Detection Summary

Client: Stantec Consulting Services Inc
Project/Site: ExxonMobil Gladiola Station/238000257

Job ID: 570-186772-1

Client Sample ID: MW31

Lab Sample ID: 570-186772-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Bromide	0.71		0.10	0.041	mg/L	1		9056A	Total/NA
Sulfate - DL	130		10	2.4	mg/L	10		9056A	Total/NA
Barium	0.134		0.0100	0.00111	mg/L	1		6010B	Total Recoverable
Calcium	119000		100	24.6	ug/L	1		6020	Total Recoverable
Magnesium	40100		100	15.1	ug/L	1		6020	Total Recoverable
Potassium	2890		100	16.6	ug/L	1		6020	Total Recoverable
Sodium	76900	B	100	13.9	ug/L	1		6020	Total Recoverable
Alkalinity, Total (As CaCO3)	287		5.00	2.18	mg/L	1		SM 2320B	Total/NA
Bicarbonate (as CaCO3)	287		5.00	2.18	mg/L	1		SM 2320B	Total/NA
Total Dissolved Solids	729		10.0	8.70	mg/L	1		SM 2540C	Total/NA
Chloride	107		5.00	1.49	mg/L	1		SM 4500 Cl- C	Total/NA

Client Sample ID: MW32

Lab Sample ID: 570-186772-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	0.55		0.50	0.14	ug/L	1		8260B	Total/NA
sec-Butylbenzene	1.2		0.50	0.20	ug/L	1		8260B	Total/NA
tert-Butylbenzene	1.4		0.50	0.21	ug/L	1		8260B	Total/NA
Fluorene	0.36		0.20	0.074	ug/L	1		8270C SIM	Total/NA
1-Methylnaphthalene	0.078	J	0.20	0.072	ug/L	1		8270C SIM	Total/NA
Bromide	0.68		0.10	0.041	mg/L	1		9056A	Total/NA
Sulfate	29		1.0	0.24	mg/L	1		9056A	Total/NA
Arsenic	0.0209	J	0.100	0.0199	mg/L	1		6010B	Total Recoverable
Barium	0.181		0.0100	0.00111	mg/L	1		6010B	Total Recoverable
Calcium	98700		100	24.6	ug/L	1		6020	Total Recoverable
Magnesium	42600		100	15.1	ug/L	1		6020	Total Recoverable
Potassium	2760		100	16.6	ug/L	1		6020	Total Recoverable
Sodium	84400	B	100	13.9	ug/L	1		6020	Total Recoverable
Alkalinity, Total (As CaCO3)	478		5.00	2.18	mg/L	1		SM 2320B	Total/NA
Bicarbonate (as CaCO3)	478		5.00	2.18	mg/L	1		SM 2320B	Total/NA
Total Dissolved Solids	638		10.0	8.70	mg/L	1		SM 2540C	Total/NA
Chloride	32.7		2.00	0.596	mg/L	1		SM 4500 Cl- C	Total/NA

Client Sample ID: MW33

Lab Sample ID: 570-186772-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Bromide	1.2		0.10	0.041	mg/L	1		9056A	Total/NA
Sulfate - DL	220		10	2.4	mg/L	10		9056A	Total/NA
Barium	0.157		0.0100	0.00111	mg/L	1		6010B	Total Recoverable
Chromium	0.00710	J	0.0500	0.00296	mg/L	1		6010B	Total Recoverable
Calcium	167000		100	24.6	ug/L	1		6020	Total Recoverable

This Detection Summary does not include radiochemical test results.

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Detection Summary

Client: Stantec Consulting Services Inc

Project/Site: ExxonMobil Gladiola Station/238000257

Job ID: 570-186772-1

Client Sample ID: MW33 (Continued)

Lab Sample ID: 570-186772-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Magnesium	44600		100	15.1	ug/L		1		6020	Total
										Recoverable
Potassium	3500		100	16.6	ug/L		1		6020	Total
										Recoverable
Sodium	141000	B	100	13.9	ug/L		1		6020	Total
										Recoverable
Alkalinity, Total (As CaCO3)	220		5.00	2.18	mg/L		1		SM 2320B	Total/NA
Bicarbonate (as CaCO3)	220		5.00	2.18	mg/L		1		SM 2320B	Total/NA
Total Dissolved Solids	1090		10.0	8.70	mg/L		1		SM 2540C	Total/NA
Chloride	274		10.0	2.98	mg/L		1		SM 4500 Cl- C	Total/NA

Client Sample ID: MW34

Lab Sample ID: 570-186772-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Anthracene	0.081	J	0.19	0.057	ug/L		1		8270C SIM	Total/NA
Bromide	0.53		0.10	0.041	mg/L		1		9056A	Total/NA
Sulfate - DL	97		10	2.4	mg/L		10		9056A	Total/NA
Arsenic	0.0257	J	0.100	0.0199	mg/L		1		6010B	Total
										Recoverable
Barium	0.932		0.0100	0.00111	mg/L		1		6010B	Total
										Recoverable
Chromium	0.0468	J	0.0500	0.00296	mg/L		1		6010B	Total
										Recoverable
Lead	0.00870	J	0.0500	0.00527	mg/L		1		6010B	Total
										Recoverable
Calcium	179000		100	24.6	ug/L		1		6020	Total
										Recoverable
Magnesium	35900		100	15.1	ug/L		1		6020	Total
										Recoverable
Potassium	3980		100	16.6	ug/L		1		6020	Total
										Recoverable
Sodium	95000	B	100	13.9	ug/L		1		6020	Total
										Recoverable
Alkalinity, Total (As CaCO3)	255		5.00	2.18	mg/L		1		SM 2320B	Total/NA
Bicarbonate (as CaCO3)	255		5.00	2.18	mg/L		1		SM 2320B	Total/NA
Total Dissolved Solids	668		10.0	8.70	mg/L		1		SM 2540C	Total/NA
Chloride	92.6		10.0	2.98	mg/L		1		SM 4500 Cl- C	Total/NA

Client Sample ID: MW35

Lab Sample ID: 570-186772-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Bromide	0.74		0.10	0.041	mg/L		1		9056A	Total/NA
Sulfate - DL	210		10	2.4	mg/L		10		9056A	Total/NA
Barium	0.119		0.0100	0.00111	mg/L		1		6010B	Total
										Recoverable
Chromium	0.0109	J	0.0500	0.00296	mg/L		1		6010B	Total
										Recoverable
Calcium	142000		100	24.6	ug/L		1		6020	Total
										Recoverable
Magnesium	35200		100	15.1	ug/L		1		6020	Total
										Recoverable
Potassium	3520		100	16.6	ug/L		1		6020	Total
										Recoverable
Sodium	151000	B	100	13.9	ug/L		1		6020	Total
										Recoverable
Alkalinity, Total (As CaCO3)	192		5.00	2.18	mg/L		1		SM 2320B	Total/NA

Detection Summary

Client: Stantec Consulting Services Inc
Project/Site: ExxonMobil Gladiola Station/238000257

Job ID: 570-186772-1

Client Sample ID: MW35 (Continued)

Lab Sample ID: 570-186772-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Bicarbonate (as CaCO ₃)	192		5.00	2.18	mg/L	1		SM 2320B	Total/NA
Total Dissolved Solids	981		10.0	8.70	mg/L	1		SM 2540C	Total/NA
Chloride	241		10.0	2.98	mg/L	1		SM 4500 Cl- C	Total/NA

Client Sample ID: MW36

Lab Sample ID: 570-186772-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Bromide	0.73		0.10	0.041	mg/L	1		9056A	Total/NA
Sulfate - DL	140		10	2.4	mg/L	10		9056A	Total/NA
Barium	0.0496		0.0100	0.00111	mg/L	1		6010B	Total Recoverable
Calcium	129000		100	24.6	ug/L	1		6020	Total Recoverable
Magnesium	37200		100	15.1	ug/L	1		6020	Total Recoverable
Potassium	3050		100	16.6	ug/L	1		6020	Total Recoverable
Sodium	128000	B	100	13.9	ug/L	1		6020	Total Recoverable
Alkalinity, Total (As CaCO ₃)	162		5.00	2.18	mg/L	1		SM 2320B	Total/NA
Bicarbonate (as CaCO ₃)	162		5.00	2.18	mg/L	1		SM 2320B	Total/NA
Total Dissolved Solids	932		10.0	8.70	mg/L	1		SM 2540C	Total/NA
Chloride	275		10.0	2.98	mg/L	1		SM 4500 Cl- C	Total/NA

Client Sample ID: MW37

Lab Sample ID: 570-186772-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Bromide	0.57		0.10	0.041	mg/L	1		9056A	Total/NA
Sulfate - DL	93		10	2.4	mg/L	10		9056A	Total/NA
Barium	0.0962		0.0100	0.00111	mg/L	1		6010B	Total Recoverable
Chromium	0.00710	J	0.0500	0.00296	mg/L	1		6010B	Total Recoverable
Lead	0.00570	J	0.0500	0.00527	mg/L	1		6010B	Total Recoverable
Calcium	121000		100	24.6	ug/L	1		6020	Total Recoverable
Magnesium	29700		100	15.1	ug/L	1		6020	Total Recoverable
Potassium	3030		100	16.6	ug/L	1		6020	Total Recoverable
Sodium	88000	B	100	13.9	ug/L	1		6020	Total Recoverable
Alkalinity, Total (As CaCO ₃)	164		5.00	2.18	mg/L	1		SM 2320B	Total/NA
Bicarbonate (as CaCO ₃)	164		5.00	2.18	mg/L	1		SM 2320B	Total/NA
Total Dissolved Solids	742		10.0	8.70	mg/L	1		SM 2540C	Total/NA
Chloride	184		10.0	2.98	mg/L	1		SM 4500 Cl- C	Total/NA

Client Sample ID: MW38

Lab Sample ID: 570-186772-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Bromide	0.85		0.10	0.041	mg/L	1		9056A	Total/NA
Sulfate - DL	87		10	2.4	mg/L	10		9056A	Total/NA
Barium	0.258		0.0100	0.00111	mg/L	1		6010B	Total Recoverable

This Detection Summary does not include radiochemical test results.

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Detection Summary

Client: Stantec Consulting Services Inc
Project/Site: ExxonMobil Gladiola Station/238000257

Job ID: 570-186772-1

Client Sample ID: MW38 (Continued)

Lab Sample ID: 570-186772-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Chromium	0.0123	J	0.0500	0.00296	mg/L	1			6010B	Total Recoverable
Lead	0.00600	J	0.0500	0.00527	mg/L	1			6010B	Total Recoverable
Calcium	164000		100	24.6	ug/L	1			6020	Total Recoverable
Magnesium	37200		100	15.1	ug/L	1			6020	Total Recoverable
Potassium	3530		100	16.6	ug/L	1			6020	Total Recoverable
Sodium	137000	B	100	13.9	ug/L	1			6020	Total Recoverable
Alkalinity, Total (As CaCO3)	158		5.00	2.18	mg/L	1			SM 2320B	Total/NA
Bicarbonate (as CaCO3)	158		5.00	2.18	mg/L	1			SM 2320B	Total/NA
Total Dissolved Solids	1110		10.0	8.70	mg/L	1			SM 2540C	Total/NA
Chloride	379		10.0	2.98	mg/L	1			SM 4500 Cl- C	Total/NA

Client Sample ID: MW-39

Lab Sample ID: 570-186772-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Bromide	0.45		0.10	0.041	mg/L	1			9056A	Total/NA
Sulfate - DL	130		10	2.4	mg/L	10			9056A	Total/NA
Barium	0.0472		0.0100	0.00111	mg/L	1			6010B	Total Recoverable
Chromium	0.00330	J	0.0500	0.00296	mg/L	1			6010B	Total Recoverable
Calcium	91500		100	24.6	ug/L	1			6020	Total Recoverable
Magnesium	24800		100	15.1	ug/L	1			6020	Total Recoverable
Potassium	2540		100	16.6	ug/L	1			6020	Total Recoverable
Sodium	58200	B	100	13.9	ug/L	1			6020	Total Recoverable
Alkalinity, Total (As CaCO3)	147		5.00	2.18	mg/L	1			SM 2320B	Total/NA
Bicarbonate (as CaCO3)	147		5.00	2.18	mg/L	1			SM 2320B	Total/NA
Total Dissolved Solids	660		10.0	8.70	mg/L	1			SM 2540C	Total/NA
Chloride	129		10.0	2.98	mg/L	1			SM 4500 Cl- C	Total/NA

Client Sample ID: MW30

Lab Sample ID: 570-186772-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Bromide	0.52		0.10	0.041	mg/L	1			9056A	Total/NA
Sulfate - DL	99		10	2.4	mg/L	10			9056A	Total/NA
Barium	0.0557		0.0100	0.00111	mg/L	1			6010B	Total Recoverable
Calcium	118000		100	24.6	ug/L	1			6020	Total Recoverable
Magnesium	26000		100	15.1	ug/L	1			6020	Total Recoverable
Potassium	2870		100	16.6	ug/L	1			6020	Total Recoverable
Sodium	96700	B	100	13.9	ug/L	1			6020	Total Recoverable
Alkalinity, Total (As CaCO3)	167		5.00	2.18	mg/L	1			SM 2320B	Total/NA
Bicarbonate (as CaCO3)	167		5.00	2.18	mg/L	1			SM 2320B	Total/NA

This Detection Summary does not include radiochemical test results.

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Detection Summary

Client: Stantec Consulting Services Inc

Project/Site: ExxonMobil Gladiola Station/238000257

Job ID: 570-186772-1

Client Sample ID: MW30 (Continued)

Lab Sample ID: 570-186772-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Total Dissolved Solids	795		10.0	8.70	mg/L	1		SM 2540C	Total/NA
Chloride	204		10.0	2.98	mg/L	1		SM 4500 Cl- C	Total/NA

Client Sample ID: Trip Blank

Lab Sample ID: 570-186772-11

No Detections.

Client Sample ID: Trip Blank

Lab Sample ID: 570-186772-12

No Detections.

This Detection Summary does not include radiochemical test results.

Client Sample Results

Client: Stantec Consulting Services Inc
Project/Site: ExxonMobil Gladiola Station/238000257

Job ID: 570-186772-1

Client Sample ID: MW31

Lab Sample ID: 570-186772-1

Date Collected: 06/03/24 08:40

Matrix: Water

Date Received: 06/04/24 13:13

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.50	0.14	ug/L			06/08/24 13:30	1
Toluene	ND		0.50	0.14	ug/L			06/08/24 13:30	1
Ethylbenzene	ND		0.50	0.16	ug/L			06/08/24 13:30	1
o-Xylene	ND		0.50	0.18	ug/L			06/08/24 13:30	1
m,p-Xylene	ND		1.0	0.39	ug/L			06/08/24 13:30	1
Xylenes, Total	ND		1.0	0.39	ug/L			06/08/24 13:30	1
Methyl-t-Butyl Ether (MTBE)	ND		0.50	0.14	ug/L			06/08/24 13:30	1
1,1,1,2-Tetrachloroethane	ND		0.50	0.20	ug/L			06/08/24 13:30	1
1,1,1-Trichloroethane	ND		0.50	0.20	ug/L			06/08/24 13:30	1
1,1,2,2-Tetrachloroethane	ND		0.50	0.14	ug/L			06/08/24 13:30	1
1,1,2-Trichloroethane	ND		0.50	0.18	ug/L			06/08/24 13:30	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50	0.25	ug/L			06/08/24 13:30	1
1,1-Dichloroethane	ND		0.50	0.21	ug/L			06/08/24 13:30	1
1,1-Dichloroethene	ND		0.50	0.21	ug/L			06/08/24 13:30	1
1,1-Dichloropropene	ND		0.50	0.16	ug/L			06/08/24 13:30	1
1,2,3-Trichlorobenzene	ND		0.50	0.26	ug/L			06/08/24 13:30	1
1,2,3-Trichloropropane	ND		0.50	0.31	ug/L			06/08/24 13:30	1
1,2,4-Trichlorobenzene	ND		0.50	0.26	ug/L			06/08/24 13:30	1
1,2,4-Trimethylbenzene	ND		0.50	0.22	ug/L			06/08/24 13:30	1
1,3,5-Trimethylbenzene	ND		0.50	0.19	ug/L			06/08/24 13:30	1
c-1,2-Dichloroethene	ND		0.50	0.16	ug/L			06/08/24 13:30	1
1,2-Dibromo-3-Chloropropane	ND	+	1.0	0.84	ug/L			06/08/24 13:30	1
1,2-Dichlorobenzene	ND		0.50	0.14	ug/L			06/08/24 13:30	1
1,2-Dichloroethane	ND		0.50	0.14	ug/L			06/08/24 13:30	1
1,2-Dichloropropane	ND		0.50	0.14	ug/L			06/08/24 13:30	1
t-1,2-Dichloroethene	ND		0.50	0.22	ug/L			06/08/24 13:30	1
c-1,3-Dichloropropene	ND		0.50	0.15	ug/L			06/08/24 13:30	1
1,3-Dichlorobenzene	ND		0.50	0.16	ug/L			06/08/24 13:30	1
1,3-Dichloropropane	ND		0.50	0.19	ug/L			06/08/24 13:30	1
t-1,3-Dichloropropene	ND		0.50	0.21	ug/L			06/08/24 13:30	1
1,4-Dichlorobenzene	ND		0.50	0.11	ug/L			06/08/24 13:30	1
2,2-Dichloropropane	ND		0.50	0.26	ug/L			06/08/24 13:30	1
2-Chlorotoluene	ND		0.50	0.23	ug/L			06/08/24 13:30	1
4-Chlorotoluene	ND		0.50	0.24	ug/L			06/08/24 13:30	1
4-Methyl-2-pentanone	ND		5.0	1.6	ug/L			06/08/24 13:30	1
Acetone	ND		8.0	3.6	ug/L			06/08/24 13:30	1
Bromobenzene	ND		0.50	0.14	ug/L			06/08/24 13:30	1
Bromochloromethane	ND		1.0	0.27	ug/L			06/08/24 13:30	1
Bromoform	ND	+	0.50	0.28	ug/L			06/08/24 13:30	1
Bromomethane	ND		2.0	1.9	ug/L			06/08/24 13:30	1
Carbon disulfide	ND		1.0	0.32	ug/L			06/08/24 13:30	1
Carbon tetrachloride	ND		0.50	0.27	ug/L			06/08/24 13:30	1
Chlorobenzene	ND		0.50	0.12	ug/L			06/08/24 13:30	1
Dibromochloromethane	ND		0.50	0.21	ug/L			06/08/24 13:30	1
Chloroethane	ND		0.50	0.38	ug/L			06/08/24 13:30	1
Chloroform	ND		0.50	0.17	ug/L			06/08/24 13:30	1
Chloromethane	ND		1.0	0.65	ug/L			06/08/24 13:30	1
Dibromomethane	ND		0.50	0.16	ug/L			06/08/24 13:30	1
Bromodichloromethane	ND		0.50	0.15	ug/L			06/08/24 13:30	1

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Client Sample Results

Client: Stantec Consulting Services Inc
Project/Site: ExxonMobil Gladiola Station/238000257

Job ID: 570-186772-1

Client Sample ID: MW31

Lab Sample ID: 570-186772-1

Date Collected: 06/03/24 08:40

Matrix: Water

Date Received: 06/04/24 13:13

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	ND		1.0	0.51	ug/L			06/08/24 13:30	1
1,2-Dibromoethane	ND		0.50	0.27	ug/L			06/08/24 13:30	1
Hexachloro-1,3-butadiene	ND		1.0	0.26	ug/L			06/08/24 13:30	1
Isopropylbenzene	ND		0.50	0.21	ug/L			06/08/24 13:30	1
2-Butanone	ND		5.0	2.9	ug/L			06/08/24 13:30	1
Methylene Chloride	ND		1.0	0.40	ug/L			06/08/24 13:30	1
2-Hexanone	ND		6.0	2.0	ug/L			06/08/24 13:30	1
Naphthalene	ND		1.0	0.55	ug/L			06/08/24 13:30	1
n-Butylbenzene	ND		0.50	0.24	ug/L			06/08/24 13:30	1
N-Propylbenzene	ND		0.50	0.18	ug/L			06/08/24 13:30	1
p-Isopropyltoluene	ND		0.50	0.20	ug/L			06/08/24 13:30	1
sec-Butylbenzene	ND		0.50	0.20	ug/L			06/08/24 13:30	1
Styrene	ND		0.50	0.27	ug/L			06/08/24 13:30	1
tert-Butylbenzene	ND		0.50	0.21	ug/L			06/08/24 13:30	1
Tetrachloroethene	ND		0.50	0.16	ug/L			06/08/24 13:30	1
Trichloroethene	ND		0.50	0.15	ug/L			06/08/24 13:30	1
Trichlorofluoromethane	ND		0.50	0.26	ug/L			06/08/24 13:30	1
Vinyl chloride	ND		0.50	0.23	ug/L			06/08/24 13:30	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	110		64 - 132		06/08/24 13:30	1
4-Bromofluorobenzene (Surr)	95		76 - 120		06/08/24 13:30	1
Dibromofluoromethane (Surr)	111		80 - 120		06/08/24 13:30	1
Toluene-d8 (Surr)	99		80 - 120		06/08/24 13:30	1

Method: SW846 8270C SIM - PAHs (GC/MS SIM)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		0.21	0.10	ug/L		06/07/24 05:17	06/14/24 08:02	1
Acenaphthylene	ND		0.21	0.071	ug/L		06/07/24 05:17	06/14/24 08:02	1
Anthracene	ND		0.21	0.061	ug/L		06/07/24 05:17	06/14/24 08:02	1
Benzo[a]anthracene	ND		0.21	0.088	ug/L		06/07/24 05:17	06/14/24 08:02	1
Benzo[a]pyrene	ND		0.21	0.064	ug/L		06/07/24 05:17	06/14/24 08:02	1
Benzo[b]fluoranthene	ND		0.21	0.18	ug/L		06/07/24 05:17	06/14/24 08:02	1
Benzo[g,h,i]perylene	ND		0.21	0.10	ug/L		06/07/24 05:17	06/14/24 08:02	1
Benzo[k]fluoranthene	ND		0.21	0.16	ug/L		06/07/24 05:17	06/14/24 08:02	1
Chrysene	ND		0.21	0.061	ug/L		06/07/24 05:17	06/14/24 08:02	1
Dibenz(a,h)anthracene	ND		0.21	0.12	ug/L		06/07/24 05:17	06/14/24 08:02	1
Fluoranthene	ND		0.21	0.14	ug/L		06/07/24 05:17	06/14/24 08:02	1
Fluorene	ND		0.21	0.077	ug/L		06/07/24 05:17	06/14/24 08:02	1
Indeno[1,2,3-cd]pyrene	ND		0.21	0.11	ug/L		06/07/24 05:17	06/14/24 08:02	1
1-Methylnaphthalene	ND		0.21	0.075	ug/L		06/07/24 05:17	06/14/24 08:02	1
2-Methylnaphthalene	ND		0.21	0.079	ug/L		06/07/24 05:17	06/14/24 08:02	1
Naphthalene	ND		0.21	0.15	ug/L		06/07/24 05:17	06/14/24 08:02	1
Phenanthrene	ND		0.21	0.075	ug/L		06/07/24 05:17	06/14/24 08:02	1
Pyrene	ND		0.21	0.068	ug/L		06/07/24 05:17	06/14/24 08:02	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl (Surr)	80		33 - 144	06/07/24 05:17	06/14/24 08:02	1
Nitrobenzene-d5 (Surr)	78		28 - 139	06/07/24 05:17	06/14/24 08:02	1
p-Terphenyl-d14 (Surr)	74		23 - 160	06/07/24 05:17	06/14/24 08:02	1

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Client Sample Results

Client: Stantec Consulting Services Inc
Project/Site: ExxonMobil Gladiola Station/238000257

Job ID: 570-186772-1

Client Sample ID: MW31

Lab Sample ID: 570-186772-1

Date Collected: 06/03/24 08:40

Matrix: Water

Date Received: 06/04/24 13:13

Method: SW846 9056A - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromide	0.71		0.10	0.041	mg/L			06/05/24 08:43	1

Method: SW846 9056A - Anions, Ion Chromatography - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	130		10	2.4	mg/L			06/05/24 12:39	10

Method: EPA 245.1 - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.000200	0.000124	mg/L		06/05/24 11:03	06/05/24 14:39	1

Method: SW846 6010B - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		0.100	0.0199	mg/L		06/05/24 07:53	06/05/24 19:45	1
Barium	0.134		0.0100	0.00111	mg/L		06/05/24 07:53	06/05/24 19:45	1
Cadmium	ND		0.0100	0.000620	mg/L		06/05/24 07:53	06/05/24 19:45	1
Chromium	ND		0.0500	0.00296	mg/L		06/05/24 07:53	06/05/24 19:45	1
Lead	ND		0.0500	0.00527	mg/L		06/05/24 07:53	06/05/24 19:45	1
Selenium	ND		0.0500	0.0162	mg/L		06/05/24 07:53	06/05/24 19:45	1
Silver	ND		0.0100	0.00259	mg/L		06/05/24 07:53	06/05/24 19:45	1

Method: SW846 6020 - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Calcium	119000		100	24.6	ug/L		06/05/24 08:22	06/05/24 16:26	1
Magnesium	40100		100	15.1	ug/L		06/05/24 08:22	06/05/24 16:26	1
Potassium	2890		100	16.6	ug/L		06/05/24 08:22	06/05/24 16:26	1
Sodium	76900	B	100	13.9	ug/L		06/05/24 08:22	06/05/24 16:26	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity, Total (As CaCO3) (SM 2320B)	287		5.00	2.18	mg/L			06/07/24 15:23	1
Bicarbonate (as CaCO3) (SM 2320B)	287		5.00	2.18	mg/L			06/07/24 15:23	1
Total Dissolved Solids (SM 2540C)	729		10.0	8.70	mg/L			06/05/24 14:02	1
Chloride (SM 4500 Cl- C)	107		5.00	1.49	mg/L			06/07/24 17:07	1

Client Sample ID: MW32

Lab Sample ID: 570-186772-2

Date Collected: 06/03/24 09:20

Matrix: Water

Date Received: 06/04/24 13:13

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.55		0.50	0.14	ug/L			06/08/24 13:55	1
Toluene	ND		0.50	0.14	ug/L			06/08/24 13:55	1
Ethylbenzene	ND		0.50	0.16	ug/L			06/08/24 13:55	1
o-Xylene	ND		0.50	0.18	ug/L			06/08/24 13:55	1
m,p-Xylene	ND		1.0	0.39	ug/L			06/08/24 13:55	1
Xylenes, Total	ND		1.0	0.39	ug/L			06/08/24 13:55	1
Methyl-t-Butyl Ether (MTBE)	ND		0.50	0.14	ug/L			06/08/24 13:55	1
1,1,1,2-Tetrachloroethane	ND		0.50	0.20	ug/L			06/08/24 13:55	1
1,1,1-Trichloroethane	ND		0.50	0.20	ug/L			06/08/24 13:55	1
1,1,2,2-Tetrachloroethane	ND		0.50	0.14	ug/L			06/08/24 13:55	1

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Client Sample Results

Client: Stantec Consulting Services Inc
Project/Site: ExxonMobil Gladiola Station/238000257

Job ID: 570-186772-1

Client Sample ID: MW32

Lab Sample ID: 570-186772-2

Date Collected: 06/03/24 09:20

Matrix: Water

Date Received: 06/04/24 13:13

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichloroethane	ND		0.50	0.18	ug/L			06/08/24 13:55	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50	0.25	ug/L			06/08/24 13:55	1
1,1-Dichloroethane	ND		0.50	0.21	ug/L			06/08/24 13:55	1
1,1-Dichloroethene	ND		0.50	0.21	ug/L			06/08/24 13:55	1
1,1-Dichloropropene	ND		0.50	0.16	ug/L			06/08/24 13:55	1
1,2,3-Trichlorobenzene	ND		0.50	0.26	ug/L			06/08/24 13:55	1
1,2,3-Trichloropropane	ND		0.50	0.31	ug/L			06/08/24 13:55	1
1,2,4-Trichlorobenzene	ND		0.50	0.26	ug/L			06/08/24 13:55	1
1,2,4-Trimethylbenzene	ND		0.50	0.22	ug/L			06/08/24 13:55	1
1,3,5-Trimethylbenzene	ND		0.50	0.19	ug/L			06/08/24 13:55	1
c-1,2-Dichloroethene	ND		0.50	0.16	ug/L			06/08/24 13:55	1
1,2-Dibromo-3-Chloropropane	ND	+	1.0	0.84	ug/L			06/08/24 13:55	1
1,2-Dichlorobenzene	ND		0.50	0.14	ug/L			06/08/24 13:55	1
1,2-Dichloroethane	ND		0.50	0.14	ug/L			06/08/24 13:55	1
1,2-Dichloropropane	ND		0.50	0.14	ug/L			06/08/24 13:55	1
t-1,2-Dichloroethene	ND		0.50	0.22	ug/L			06/08/24 13:55	1
c-1,3-Dichloropropene	ND		0.50	0.15	ug/L			06/08/24 13:55	1
1,3-Dichlorobenzene	ND		0.50	0.16	ug/L			06/08/24 13:55	1
1,3-Dichloropropane	ND		0.50	0.19	ug/L			06/08/24 13:55	1
t-1,3-Dichloropropene	ND		0.50	0.21	ug/L			06/08/24 13:55	1
1,4-Dichlorobenzene	ND		0.50	0.11	ug/L			06/08/24 13:55	1
2,2-Dichloropropane	ND		0.50	0.26	ug/L			06/08/24 13:55	1
2-Chlorotoluene	ND		0.50	0.23	ug/L			06/08/24 13:55	1
4-Chlorotoluene	ND		0.50	0.24	ug/L			06/08/24 13:55	1
4-Methyl-2-pentanone	ND		5.0	1.6	ug/L			06/08/24 13:55	1
Acetone	ND		8.0	3.6	ug/L			06/08/24 13:55	1
Bromobenzene	ND		0.50	0.14	ug/L			06/08/24 13:55	1
Bromochloromethane	ND		1.0	0.27	ug/L			06/08/24 13:55	1
Bromoform	ND	+	0.50	0.28	ug/L			06/08/24 13:55	1
Bromomethane	ND		2.0	1.9	ug/L			06/08/24 13:55	1
Carbon disulfide	ND		1.0	0.32	ug/L			06/08/24 13:55	1
Carbon tetrachloride	ND		0.50	0.27	ug/L			06/08/24 13:55	1
Chlorobenzene	ND		0.50	0.12	ug/L			06/08/24 13:55	1
Dibromochloromethane	ND		0.50	0.21	ug/L			06/08/24 13:55	1
Chloroethane	ND		0.50	0.38	ug/L			06/08/24 13:55	1
Chloroform	ND		0.50	0.17	ug/L			06/08/24 13:55	1
Chloromethane	ND		1.0	0.65	ug/L			06/08/24 13:55	1
Dibromomethane	ND		0.50	0.16	ug/L			06/08/24 13:55	1
Bromodichloromethane	ND		0.50	0.15	ug/L			06/08/24 13:55	1
Dichlorodifluoromethane	ND		1.0	0.51	ug/L			06/08/24 13:55	1
1,2-Dibromoethane	ND		0.50	0.27	ug/L			06/08/24 13:55	1
Hexachloro-1,3-butadiene	ND		1.0	0.26	ug/L			06/08/24 13:55	1
Isopropylbenzene	ND		0.50	0.21	ug/L			06/08/24 13:55	1
2-Butanone	ND		5.0	2.9	ug/L			06/08/24 13:55	1
Methylene Chloride	ND		1.0	0.40	ug/L			06/08/24 13:55	1
2-Hexanone	ND		6.0	2.0	ug/L			06/08/24 13:55	1
Naphthalene	ND		1.0	0.55	ug/L			06/08/24 13:55	1
n-Butylbenzene	ND		0.50	0.24	ug/L			06/08/24 13:55	1
N-Propylbenzene	ND		0.50	0.18	ug/L			06/08/24 13:55	1

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Client Sample Results

Client: Stantec Consulting Services Inc
Project/Site: ExxonMobil Gladiola Station/238000257

Job ID: 570-186772-1

Client Sample ID: MW32

Lab Sample ID: 570-186772-2

Date Collected: 06/03/24 09:20

Matrix: Water

Date Received: 06/04/24 13:13

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
p-Isopropyltoluene	ND		0.50	0.20	ug/L			06/08/24 13:55	1
sec-Butylbenzene	1.2		0.50	0.20	ug/L			06/08/24 13:55	1
Styrene	ND		0.50	0.27	ug/L			06/08/24 13:55	1
tert-Butylbenzene	1.4		0.50	0.21	ug/L			06/08/24 13:55	1
Tetrachloroethene	ND		0.50	0.16	ug/L			06/08/24 13:55	1
Trichloroethene	ND		0.50	0.15	ug/L			06/08/24 13:55	1
Trichlorofluoromethane	ND		0.50	0.26	ug/L			06/08/24 13:55	1
Vinyl chloride	ND		0.50	0.23	ug/L			06/08/24 13:55	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	112		64 - 132					06/08/24 13:55	1
4-Bromofluorobenzene (Surr)	100		76 - 120					06/08/24 13:55	1
Dibromofluoromethane (Surr)	108		80 - 120					06/08/24 13:55	1
Toluene-d8 (Surr)	103		80 - 120					06/08/24 13:55	1

Method: SW846 8270C SIM - PAHs (GC/MS SIM)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		0.20	0.096	ug/L		06/07/24 05:17	06/14/24 08:24	1
Acenaphthylene	ND		0.20	0.068	ug/L		06/07/24 05:17	06/14/24 08:24	1
Anthracene	ND		0.20	0.059	ug/L		06/07/24 05:17	06/14/24 08:24	1
Benzo[a]anthracene	ND		0.20	0.085	ug/L		06/07/24 05:17	06/14/24 08:24	1
Benzo[a]pyrene	ND		0.20	0.062	ug/L		06/07/24 05:17	06/14/24 08:24	1
Benzo[b]fluoranthene	ND		0.20	0.17	ug/L		06/07/24 05:17	06/14/24 08:24	1
Benzo[g,h,i]perylene	ND		0.20	0.10	ug/L		06/07/24 05:17	06/14/24 08:24	1
Benzo[k]fluoranthene	ND		0.20	0.15	ug/L		06/07/24 05:17	06/14/24 08:24	1
Chrysene	ND		0.20	0.059	ug/L		06/07/24 05:17	06/14/24 08:24	1
Dibenz(a,h)anthracene	ND		0.20	0.11	ug/L		06/07/24 05:17	06/14/24 08:24	1
Fluoranthene	ND		0.20	0.14	ug/L		06/07/24 05:17	06/14/24 08:24	1
Fluorene	0.36		0.20	0.074	ug/L		06/07/24 05:17	06/14/24 08:24	1
Indeno[1,2,3-cd]pyrene	ND		0.20	0.11	ug/L		06/07/24 05:17	06/14/24 08:24	1
1-Methylnaphthalene	0.078	J	0.20	0.072	ug/L		06/07/24 05:17	06/14/24 08:24	1
2-Methylnaphthalene	ND		0.20	0.076	ug/L		06/07/24 05:17	06/14/24 08:24	1
Naphthalene	ND		0.20	0.15	ug/L		06/07/24 05:17	06/14/24 08:24	1
Phenanthrene	ND		0.20	0.072	ug/L		06/07/24 05:17	06/14/24 08:24	1
Pyrene	ND		0.20	0.066	ug/L		06/07/24 05:17	06/14/24 08:24	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl (Surr)	68		33 - 144				06/07/24 05:17	06/14/24 08:24	1
Nitrobenzene-d5 (Surr)	68		28 - 139				06/07/24 05:17	06/14/24 08:24	1
p-Terphenyl-d14 (Surr)	79		23 - 160				06/07/24 05:17	06/14/24 08:24	1

Method: SW846 9056A - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromide	0.68		0.10	0.041	mg/L			06/05/24 09:00	1
Sulfate	29		1.0	0.24	mg/L			06/05/24 09:00	1

Method: EPA 245.1 - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND	F1	0.000200	0.000124	mg/L		06/05/24 11:03	06/05/24 14:29	1

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Client Sample Results

Client: Stantec Consulting Services Inc
Project/Site: ExxonMobil Gladiola Station/238000257

Job ID: 570-186772-1

Client Sample ID: MW32

Lab Sample ID: 570-186772-2

Date Collected: 06/03/24 09:20

Matrix: Water

Date Received: 06/04/24 13:13

Method: SW846 6010B - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0209	J	0.100	0.0199	mg/L		06/05/24 07:53	06/05/24 19:47	1
Barium	0.181		0.0100	0.00111	mg/L		06/05/24 07:53	06/05/24 19:47	1
Cadmium	ND		0.0100	0.000620	mg/L		06/05/24 07:53	06/05/24 19:47	1
Chromium	ND		0.0500	0.00296	mg/L		06/05/24 07:53	06/05/24 19:47	1
Lead	ND		0.0500	0.00527	mg/L		06/05/24 07:53	06/05/24 19:47	1
Selenium	ND		0.0500	0.0162	mg/L		06/05/24 07:53	06/05/24 19:47	1
Silver	ND		0.0100	0.00259	mg/L		06/05/24 07:53	06/05/24 19:47	1

Method: SW846 6020 - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Calcium	98700		100	24.6	ug/L		06/05/24 08:22	06/05/24 16:38	1
Magnesium	42600		100	15.1	ug/L		06/05/24 08:22	06/05/24 16:38	1
Potassium	2760		100	16.6	ug/L		06/05/24 08:22	06/05/24 16:38	1
Sodium	84400	B	100	13.9	ug/L		06/05/24 08:22	06/05/24 16:38	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity, Total (As CaCO3) (SM 2320B)	478		5.00	2.18	mg/L			06/07/24 15:29	1
Bicarbonate (as CaCO3) (SM 2320B)	478		5.00	2.18	mg/L			06/07/24 15:29	1
Total Dissolved Solids (SM 2540C)	638		10.0	8.70	mg/L			06/05/24 14:02	1
Chloride (SM 4500 Cl- C)	32.7		2.00	0.596	mg/L			06/07/24 17:21	1

Client Sample ID: MW33

Lab Sample ID: 570-186772-3

Date Collected: 06/03/24 12:50

Matrix: Water

Date Received: 06/04/24 13:13

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.50	0.14	ug/L			06/08/24 14:20	1
Toluene	ND		0.50	0.14	ug/L			06/08/24 14:20	1
Ethylbenzene	ND		0.50	0.16	ug/L			06/08/24 14:20	1
o-Xylene	ND		0.50	0.18	ug/L			06/08/24 14:20	1
m,p-Xylene	ND		1.0	0.39	ug/L			06/08/24 14:20	1
Xylenes, Total	ND		1.0	0.39	ug/L			06/08/24 14:20	1
Methyl-t-Butyl Ether (MTBE)	ND		0.50	0.14	ug/L			06/08/24 14:20	1
1,1,1,2-Tetrachloroethane	ND		0.50	0.20	ug/L			06/08/24 14:20	1
1,1,1-Trichloroethane	ND		0.50	0.20	ug/L			06/08/24 14:20	1
1,1,2,2-Tetrachloroethane	ND		0.50	0.14	ug/L			06/08/24 14:20	1
1,1,2-Trichloroethane	ND		0.50	0.18	ug/L			06/08/24 14:20	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50	0.25	ug/L			06/08/24 14:20	1
1,1-Dichloroethane	ND		0.50	0.21	ug/L			06/08/24 14:20	1
1,1-Dichloroethene	ND		0.50	0.21	ug/L			06/08/24 14:20	1
1,1-Dichloropropene	ND		0.50	0.16	ug/L			06/08/24 14:20	1
1,2,3-Trichlorobenzene	ND		0.50	0.26	ug/L			06/08/24 14:20	1
1,2,3-Trichloropropane	ND		0.50	0.31	ug/L			06/08/24 14:20	1
1,2,4-Trichlorobenzene	ND		0.50	0.26	ug/L			06/08/24 14:20	1
1,2,4-Trimethylbenzene	ND		0.50	0.22	ug/L			06/08/24 14:20	1
1,3,5-Trimethylbenzene	ND		0.50	0.19	ug/L			06/08/24 14:20	1
c-1,2-Dichloroethene	ND		0.50	0.16	ug/L			06/08/24 14:20	1

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Client Sample Results

Client: Stantec Consulting Services Inc
Project/Site: ExxonMobil Gladiola Station/238000257

Job ID: 570-186772-1

Client Sample ID: MW33

Lab Sample ID: 570-186772-3

Date Collected: 06/03/24 12:50

Matrix: Water

Date Received: 06/04/24 13:13

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromo-3-Chloropropane	ND	*+	1.0	0.84	ug/L			06/08/24 14:20	1
1,2-Dichlorobenzene	ND		0.50	0.14	ug/L			06/08/24 14:20	1
1,2-Dichloroethane	ND		0.50	0.14	ug/L			06/08/24 14:20	1
1,2-Dichloropropane	ND		0.50	0.14	ug/L			06/08/24 14:20	1
t-1,2-Dichloroethene	ND		0.50	0.22	ug/L			06/08/24 14:20	1
c-1,3-Dichloropropene	ND		0.50	0.15	ug/L			06/08/24 14:20	1
1,3-Dichlorobenzene	ND		0.50	0.16	ug/L			06/08/24 14:20	1
1,3-Dichloropropane	ND		0.50	0.19	ug/L			06/08/24 14:20	1
t-1,3-Dichloropropene	ND		0.50	0.21	ug/L			06/08/24 14:20	1
1,4-Dichlorobenzene	ND		0.50	0.11	ug/L			06/08/24 14:20	1
2,2-Dichloropropane	ND		0.50	0.26	ug/L			06/08/24 14:20	1
2-Chlorotoluene	ND		0.50	0.23	ug/L			06/08/24 14:20	1
4-Chlorotoluene	ND		0.50	0.24	ug/L			06/08/24 14:20	1
4-Methyl-2-pentanone	ND		5.0	1.6	ug/L			06/08/24 14:20	1
Acetone	ND		8.0	3.6	ug/L			06/08/24 14:20	1
Bromobenzene	ND		0.50	0.14	ug/L			06/08/24 14:20	1
Bromochloromethane	ND		1.0	0.27	ug/L			06/08/24 14:20	1
Bromoform	ND	*+	0.50	0.28	ug/L			06/08/24 14:20	1
Bromomethane	ND		2.0	1.9	ug/L			06/08/24 14:20	1
Carbon disulfide	ND		1.0	0.32	ug/L			06/08/24 14:20	1
Carbon tetrachloride	ND		0.50	0.27	ug/L			06/08/24 14:20	1
Chlorobenzene	ND		0.50	0.12	ug/L			06/08/24 14:20	1
Dibromochloromethane	ND		0.50	0.21	ug/L			06/08/24 14:20	1
Chloroethane	ND		0.50	0.38	ug/L			06/08/24 14:20	1
Chloroform	ND		0.50	0.17	ug/L			06/08/24 14:20	1
Chloromethane	ND		1.0	0.65	ug/L			06/08/24 14:20	1
Dibromomethane	ND		0.50	0.16	ug/L			06/08/24 14:20	1
Bromodichloromethane	ND		0.50	0.15	ug/L			06/08/24 14:20	1
Dichlorodifluoromethane	ND		1.0	0.51	ug/L			06/08/24 14:20	1
1,2-Dibromoethane	ND		0.50	0.27	ug/L			06/08/24 14:20	1
Hexachloro-1,3-butadiene	ND		1.0	0.26	ug/L			06/08/24 14:20	1
Isopropylbenzene	ND		0.50	0.21	ug/L			06/08/24 14:20	1
2-Butanone	ND		5.0	2.9	ug/L			06/08/24 14:20	1
Methylene Chloride	ND		1.0	0.40	ug/L			06/08/24 14:20	1
2-Hexanone	ND		6.0	2.0	ug/L			06/08/24 14:20	1
Naphthalene	ND		1.0	0.55	ug/L			06/08/24 14:20	1
n-Butylbenzene	ND		0.50	0.24	ug/L			06/08/24 14:20	1
N-Propylbenzene	ND		0.50	0.18	ug/L			06/08/24 14:20	1
p-Isopropyltoluene	ND		0.50	0.20	ug/L			06/08/24 14:20	1
sec-Butylbenzene	ND		0.50	0.20	ug/L			06/08/24 14:20	1
Styrene	ND		0.50	0.27	ug/L			06/08/24 14:20	1
tert-Butylbenzene	ND		0.50	0.21	ug/L			06/08/24 14:20	1
Tetrachloroethene	ND		0.50	0.16	ug/L			06/08/24 14:20	1
Trichloroethene	ND		0.50	0.15	ug/L			06/08/24 14:20	1
Trichlorofluoromethane	ND		0.50	0.26	ug/L			06/08/24 14:20	1
Vinyl chloride	ND		0.50	0.23	ug/L			06/08/24 14:20	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	111		64 - 132					06/08/24 14:20	1
4-Bromofluorobenzene (Surr)	99		76 - 120					06/08/24 14:20	1

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Client Sample Results

Client: Stantec Consulting Services Inc
Project/Site: ExxonMobil Gladiola Station/238000257

Job ID: 570-186772-1

Client Sample ID: MW33

Lab Sample ID: 570-186772-3

Date Collected: 06/03/24 12:50

Matrix: Water

Date Received: 06/04/24 13:13

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Dibromofluoromethane (Surr)	110		80 - 120		06/08/24 14:20	1
Toluene-d8 (Surr)	101		80 - 120		06/08/24 14:20	1

Method: SW846 8270C SIM - PAHs (GC/MS SIM)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		0.20	0.095	ug/L		06/07/24 05:17	06/14/24 08:45	1
Acenaphthylene	ND		0.20	0.068	ug/L		06/07/24 05:17	06/14/24 08:45	1
Anthracene	ND		0.20	0.058	ug/L		06/07/24 05:17	06/14/24 08:45	1
Benzo[a]anthracene	ND		0.20	0.084	ug/L		06/07/24 05:17	06/14/24 08:45	1
Benzo[a]pyrene	ND		0.20	0.061	ug/L		06/07/24 05:17	06/14/24 08:45	1
Benzo[b]fluoranthene	ND		0.20	0.17	ug/L		06/07/24 05:17	06/14/24 08:45	1
Benzo[g,h,i]perylene	ND		0.20	0.099	ug/L		06/07/24 05:17	06/14/24 08:45	1
Benzo[k]fluoranthene	ND		0.20	0.15	ug/L		06/07/24 05:17	06/14/24 08:45	1
Chrysene	ND		0.20	0.058	ug/L		06/07/24 05:17	06/14/24 08:45	1
Dibenz(a,h)anthracene	ND		0.20	0.11	ug/L		06/07/24 05:17	06/14/24 08:45	1
Fluoranthene	ND		0.20	0.14	ug/L		06/07/24 05:17	06/14/24 08:45	1
Fluorene	ND		0.20	0.073	ug/L		06/07/24 05:17	06/14/24 08:45	1
Indeno[1,2,3-cd]pyrene	ND		0.20	0.10	ug/L		06/07/24 05:17	06/14/24 08:45	1
1-Methylnaphthalene	ND		0.20	0.072	ug/L		06/07/24 05:17	06/14/24 08:45	1
2-Methylnaphthalene	ND		0.20	0.076	ug/L		06/07/24 05:17	06/14/24 08:45	1
Naphthalene	ND		0.20	0.15	ug/L		06/07/24 05:17	06/14/24 08:45	1
Phenanthrene	ND		0.20	0.072	ug/L		06/07/24 05:17	06/14/24 08:45	1
Pyrene	ND		0.20	0.065	ug/L		06/07/24 05:17	06/14/24 08:45	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl (Surr)	73		33 - 144	06/07/24 05:17	06/14/24 08:45	1
Nitrobenzene-d5 (Surr)	81		28 - 139	06/07/24 05:17	06/14/24 08:45	1
p-Terphenyl-d14 (Surr)	78		23 - 160	06/07/24 05:17	06/14/24 08:45	1

Method: SW846 9056A - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromide	1.2		0.10	0.041	mg/L			06/05/24 09:16	1

Method: SW846 9056A - Anions, Ion Chromatography - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	220		10	2.4	mg/L			06/05/24 12:56	10

Method: EPA 245.1 - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.000200	0.000124	mg/L		06/05/24 11:03	06/05/24 14:41	1

Method: SW846 6010B - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		0.100	0.0199	mg/L		06/05/24 07:53	06/05/24 19:49	1
Barium	0.157		0.0100	0.00111	mg/L		06/05/24 07:53	06/05/24 19:49	1
Cadmium	ND		0.0100	0.000620	mg/L		06/05/24 07:53	06/05/24 19:49	1
Chromium	0.00710	J	0.0500	0.00296	mg/L		06/05/24 07:53	06/05/24 19:49	1
Lead	ND		0.0500	0.00527	mg/L		06/05/24 07:53	06/05/24 19:49	1
Selenium	ND		0.0500	0.0162	mg/L		06/05/24 07:53	06/05/24 19:49	1
Silver	ND		0.0100	0.00259	mg/L		06/05/24 07:53	06/05/24 19:49	1

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Client Sample Results

Client: Stantec Consulting Services Inc
Project/Site: ExxonMobil Gladiola Station/238000257

Job ID: 570-186772-1

Client Sample ID: MW33

Lab Sample ID: 570-186772-3

Date Collected: 06/03/24 12:50

Matrix: Water

Date Received: 06/04/24 13:13

Method: SW846 6020 - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Calcium	167000		100	24.6	ug/L		06/05/24 08:22	06/05/24 16:40	1
Magnesium	44600		100	15.1	ug/L		06/05/24 08:22	06/05/24 16:40	1
Potassium	3500		100	16.6	ug/L		06/05/24 08:22	06/05/24 16:40	1
Sodium	141000	B	100	13.9	ug/L		06/05/24 08:22	06/05/24 16:40	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity, Total (As CaCO3) (SM 2320B)	220		5.00	2.18	mg/L			06/07/24 15:36	1
Bicarbonate (as CaCO3) (SM 2320B)	220		5.00	2.18	mg/L			06/07/24 15:36	1
Total Dissolved Solids (SM 2540C)	1090		10.0	8.70	mg/L			06/05/24 14:02	1
Chloride (SM 4500 Cl- C)	274		10.0	2.98	mg/L			06/07/24 17:25	1

Client Sample ID: MW34

Lab Sample ID: 570-186772-4

Date Collected: 06/03/24 09:55

Matrix: Water

Date Received: 06/04/24 13:13

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.50	0.14	ug/L			06/08/24 14:45	1
Toluene	ND		0.50	0.14	ug/L			06/08/24 14:45	1
Ethylbenzene	ND		0.50	0.16	ug/L			06/08/24 14:45	1
o-Xylene	ND		0.50	0.18	ug/L			06/08/24 14:45	1
m,p-Xylene	ND		1.0	0.39	ug/L			06/08/24 14:45	1
Xylenes, Total	ND		1.0	0.39	ug/L			06/08/24 14:45	1
Methyl-t-Butyl Ether (MTBE)	ND		0.50	0.14	ug/L			06/08/24 14:45	1
1,1,1,2-Tetrachloroethane	ND		0.50	0.20	ug/L			06/08/24 14:45	1
1,1,1-Trichloroethane	ND		0.50	0.20	ug/L			06/08/24 14:45	1
1,1,2,2-Tetrachloroethane	ND		0.50	0.14	ug/L			06/08/24 14:45	1
1,1,2-Trichloroethane	ND		0.50	0.18	ug/L			06/08/24 14:45	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50	0.25	ug/L			06/08/24 14:45	1
1,1-Dichloroethane	ND		0.50	0.21	ug/L			06/08/24 14:45	1
1,1-Dichloroethene	ND		0.50	0.21	ug/L			06/08/24 14:45	1
1,1-Dichloropropene	ND		0.50	0.16	ug/L			06/08/24 14:45	1
1,2,3-Trichlorobenzene	ND		0.50	0.26	ug/L			06/08/24 14:45	1
1,2,3-Trichloropropane	ND		0.50	0.31	ug/L			06/08/24 14:45	1
1,2,4-Trichlorobenzene	ND		0.50	0.26	ug/L			06/08/24 14:45	1
1,2,4-Trimethylbenzene	ND		0.50	0.22	ug/L			06/08/24 14:45	1
1,3,5-Trimethylbenzene	ND		0.50	0.19	ug/L			06/08/24 14:45	1
c-1,2-Dichloroethene	ND		0.50	0.16	ug/L			06/08/24 14:45	1
1,2-Dibromo-3-Chloropropane	ND	++	1.0	0.84	ug/L			06/08/24 14:45	1
1,2-Dichlorobenzene	ND		0.50	0.14	ug/L			06/08/24 14:45	1
1,2-Dichloroethane	ND		0.50	0.14	ug/L			06/08/24 14:45	1
1,2-Dichloropropane	ND		0.50	0.14	ug/L			06/08/24 14:45	1
t-1,2-Dichloroethene	ND		0.50	0.22	ug/L			06/08/24 14:45	1
c-1,3-Dichloropropene	ND		0.50	0.15	ug/L			06/08/24 14:45	1
1,3-Dichlorobenzene	ND		0.50	0.16	ug/L			06/08/24 14:45	1
1,3-Dichloropropane	ND		0.50	0.19	ug/L			06/08/24 14:45	1
t-1,3-Dichloropropene	ND		0.50	0.21	ug/L			06/08/24 14:45	1
1,4-Dichlorobenzene	ND		0.50	0.11	ug/L			06/08/24 14:45	1

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Client Sample Results

Client: Stantec Consulting Services Inc
Project/Site: ExxonMobil Gladiola Station/238000257

Job ID: 570-186772-1

Client Sample ID: MW34

Lab Sample ID: 570-186772-4

Date Collected: 06/03/24 09:55

Matrix: Water

Date Received: 06/04/24 13:13

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,2-Dichloropropane	ND		0.50	0.26	ug/L			06/08/24 14:45	1
2-Chlorotoluene	ND		0.50	0.23	ug/L			06/08/24 14:45	1
4-Chlorotoluene	ND		0.50	0.24	ug/L			06/08/24 14:45	1
4-Methyl-2-pentanone	ND		5.0	1.6	ug/L			06/08/24 14:45	1
Acetone	ND		8.0	3.6	ug/L			06/08/24 14:45	1
Bromobenzene	ND		0.50	0.14	ug/L			06/08/24 14:45	1
Bromochloromethane	ND		1.0	0.27	ug/L			06/08/24 14:45	1
Bromoform	ND	*+	0.50	0.28	ug/L			06/08/24 14:45	1
Bromomethane	ND		2.0	1.9	ug/L			06/08/24 14:45	1
Carbon disulfide	ND		1.0	0.32	ug/L			06/08/24 14:45	1
Carbon tetrachloride	ND		0.50	0.27	ug/L			06/08/24 14:45	1
Chlorobenzene	ND		0.50	0.12	ug/L			06/08/24 14:45	1
Dibromochloromethane	ND		0.50	0.21	ug/L			06/08/24 14:45	1
Chloroethane	ND		0.50	0.38	ug/L			06/08/24 14:45	1
Chloroform	ND		0.50	0.17	ug/L			06/08/24 14:45	1
Chloromethane	ND		1.0	0.65	ug/L			06/08/24 14:45	1
Dibromomethane	ND		0.50	0.16	ug/L			06/08/24 14:45	1
Bromodichloromethane	ND		0.50	0.15	ug/L			06/08/24 14:45	1
Dichlorodifluoromethane	ND		1.0	0.51	ug/L			06/08/24 14:45	1
1,2-Dibromoethane	ND		0.50	0.27	ug/L			06/08/24 14:45	1
Hexachloro-1,3-butadiene	ND		1.0	0.26	ug/L			06/08/24 14:45	1
Isopropylbenzene	ND		0.50	0.21	ug/L			06/08/24 14:45	1
2-Butanone	ND		5.0	2.9	ug/L			06/08/24 14:45	1
Methylene Chloride	ND		1.0	0.40	ug/L			06/08/24 14:45	1
2-Hexanone	ND		6.0	2.0	ug/L			06/08/24 14:45	1
Naphthalene	ND		1.0	0.55	ug/L			06/08/24 14:45	1
n-Butylbenzene	ND		0.50	0.24	ug/L			06/08/24 14:45	1
N-Propylbenzene	ND		0.50	0.18	ug/L			06/08/24 14:45	1
p-Isopropyltoluene	ND		0.50	0.20	ug/L			06/08/24 14:45	1
sec-Butylbenzene	ND		0.50	0.20	ug/L			06/08/24 14:45	1
Styrene	ND		0.50	0.27	ug/L			06/08/24 14:45	1
tert-Butylbenzene	ND		0.50	0.21	ug/L			06/08/24 14:45	1
Tetrachloroethene	ND		0.50	0.16	ug/L			06/08/24 14:45	1
Trichloroethene	ND		0.50	0.15	ug/L			06/08/24 14:45	1
Trichlorofluoromethane	ND		0.50	0.26	ug/L			06/08/24 14:45	1
Vinyl chloride	ND		0.50	0.23	ug/L			06/08/24 14:45	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	112		64 - 132		06/08/24 14:45	1
4-Bromofluorobenzene (Surr)	98		76 - 120		06/08/24 14:45	1
Dibromofluoromethane (Surr)	111		80 - 120		06/08/24 14:45	1
Toluene-d8 (Surr)	103		80 - 120		06/08/24 14:45	1

Method: SW846 8270C SIM - PAHs (GC/MS SIM)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		0.19	0.094	ug/L		06/07/24 05:17	06/14/24 09:06	1
Acenaphthylene	ND		0.19	0.067	ug/L		06/07/24 05:17	06/14/24 09:06	1
Anthracene	0.081	J	0.19	0.057	ug/L		06/07/24 05:17	06/14/24 09:06	1
Benzo[a]anthracene	ND		0.19	0.083	ug/L		06/07/24 05:17	06/14/24 09:06	1
Benzo[a]pyrene	ND		0.19	0.060	ug/L		06/07/24 05:17	06/14/24 09:06	1

Eurofins Calscience

Client Sample Results

Client: Stantec Consulting Services Inc
Project/Site: ExxonMobil Gladiola Station/238000257

Job ID: 570-186772-1

Client Sample ID: MW34

Lab Sample ID: 570-186772-4

Date Collected: 06/03/24 09:55

Matrix: Water

Date Received: 06/04/24 13:13

Method: SW846 8270C SIM - PAHs (GC/MS SIM) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[b]fluoranthene	ND		0.19	0.17	ug/L		06/07/24 05:17	06/14/24 09:06	1
Benzo[g,h,i]perylene	ND		0.19	0.097	ug/L		06/07/24 05:17	06/14/24 09:06	1
Benzo[k]fluoranthene	ND		0.19	0.15	ug/L		06/07/24 05:17	06/14/24 09:06	1
Chrysene	ND		0.19	0.057	ug/L		06/07/24 05:17	06/14/24 09:06	1
Dibenz[a,h]anthracene	ND		0.19	0.11	ug/L		06/07/24 05:17	06/14/24 09:06	1
Fluoranthene	ND		0.19	0.13	ug/L		06/07/24 05:17	06/14/24 09:06	1
Fluorene	ND		0.19	0.072	ug/L		06/07/24 05:17	06/14/24 09:06	1
Indeno[1,2,3-cd]pyrene	ND		0.19	0.10	ug/L		06/07/24 05:17	06/14/24 09:06	1
1-Methylnaphthalene	ND		0.19	0.071	ug/L		06/07/24 05:17	06/14/24 09:06	1
2-Methylnaphthalene	ND		0.19	0.074	ug/L		06/07/24 05:17	06/14/24 09:06	1
Naphthalene	ND		0.19	0.14	ug/L		06/07/24 05:17	06/14/24 09:06	1
Phenanthrene	ND		0.19	0.071	ug/L		06/07/24 05:17	06/14/24 09:06	1
Pyrene	ND		0.19	0.064	ug/L		06/07/24 05:17	06/14/24 09:06	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl (Surr)	65		33 - 144	06/07/24 05:17	06/14/24 09:06	1
Nitrobenzene-d5 (Surr)	63		28 - 139	06/07/24 05:17	06/14/24 09:06	1
p-Terphenyl-d14 (Surr)	74		23 - 160	06/07/24 05:17	06/14/24 09:06	1

Method: SW846 9056A - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromide	0.53		0.10	0.041	mg/L			06/05/24 09:33	1

Method: SW846 9056A - Anions, Ion Chromatography - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	97		10	2.4	mg/L			06/05/24 13:12	10

Method: EPA 245.1 - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.000200	0.000124	mg/L		06/05/24 11:03	06/05/24 14:43	1

Method: SW846 6010B - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0257	J	0.100	0.0199	mg/L		06/05/24 07:53	06/05/24 19:52	1
Barium	0.932		0.0100	0.00111	mg/L		06/05/24 07:53	06/05/24 19:52	1
Cadmium	ND		0.0100	0.000620	mg/L		06/05/24 07:53	06/05/24 19:52	1
Chromium	0.0468	J	0.0500	0.00296	mg/L		06/05/24 07:53	06/05/24 19:52	1
Lead	0.00870	J	0.0500	0.00527	mg/L		06/05/24 07:53	06/05/24 19:52	1
Selenium	ND		0.0500	0.0162	mg/L		06/05/24 07:53	06/05/24 19:52	1
Silver	ND		0.0100	0.00259	mg/L		06/05/24 07:53	06/05/24 19:52	1

Method: SW846 6020 - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Calcium	179000		100	24.6	ug/L		06/05/24 08:22	06/05/24 16:42	1
Magnesium	35900		100	15.1	ug/L		06/05/24 08:22	06/05/24 16:42	1
Potassium	3980		100	16.6	ug/L		06/05/24 08:22	06/05/24 16:42	1
Sodium	95000	B	100	13.9	ug/L		06/05/24 08:22	06/05/24 16:42	1

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Client Sample Results

Client: Stantec Consulting Services Inc
Project/Site: ExxonMobil Gladiola Station/238000257

Job ID: 570-186772-1

Client Sample ID: MW34

Lab Sample ID: 570-186772-4

Date Collected: 06/03/24 09:55

Matrix: Water

Date Received: 06/04/24 13:13

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity, Total (As CaCO ₃) (SM 2320B)	255		5.00	2.18	mg/L			06/07/24 15:43	1
Bicarbonate (as CaCO ₃) (SM 2320B)	255		5.00	2.18	mg/L			06/07/24 15:43	1
Total Dissolved Solids (SM 2540C)	668		10.0	8.70	mg/L			06/05/24 14:02	1
Chloride (SM 4500 Cl- C)	92.6		10.0	2.98	mg/L			06/07/24 17:28	1

Client Sample ID: MW35

Lab Sample ID: 570-186772-5

Date Collected: 06/03/24 11:20

Matrix: Water

Date Received: 06/04/24 13:13

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.50	0.14	ug/L			06/08/24 15:10	1
Toluene	ND		0.50	0.14	ug/L			06/08/24 15:10	1
Ethylbenzene	ND		0.50	0.16	ug/L			06/08/24 15:10	1
o-Xylene	ND		0.50	0.18	ug/L			06/08/24 15:10	1
m,p-Xylene	ND		1.0	0.39	ug/L			06/08/24 15:10	1
Xylenes, Total	ND		1.0	0.39	ug/L			06/08/24 15:10	1
Methyl-t-Butyl Ether (MTBE)	ND		0.50	0.14	ug/L			06/08/24 15:10	1
1,1,1,2-Tetrachloroethane	ND		0.50	0.20	ug/L			06/08/24 15:10	1
1,1,1-Trichloroethane	ND		0.50	0.20	ug/L			06/08/24 15:10	1
1,1,2,2-Tetrachloroethane	ND		0.50	0.14	ug/L			06/08/24 15:10	1
1,1,2-Trichloroethane	ND		0.50	0.18	ug/L			06/08/24 15:10	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50	0.25	ug/L			06/08/24 15:10	1
1,1-Dichloroethane	ND		0.50	0.21	ug/L			06/08/24 15:10	1
1,1-Dichloroethene	ND		0.50	0.21	ug/L			06/08/24 15:10	1
1,1-Dichloropropene	ND		0.50	0.16	ug/L			06/08/24 15:10	1
1,2,3-Trichlorobenzene	ND		0.50	0.26	ug/L			06/08/24 15:10	1
1,2,3-Trichloropropane	ND		0.50	0.31	ug/L			06/08/24 15:10	1
1,2,4-Trichlorobenzene	ND		0.50	0.26	ug/L			06/08/24 15:10	1
1,2,4-Trimethylbenzene	ND		0.50	0.22	ug/L			06/08/24 15:10	1
1,3,5-Trimethylbenzene	ND		0.50	0.19	ug/L			06/08/24 15:10	1
c-1,2-Dichloroethene	ND		0.50	0.16	ug/L			06/08/24 15:10	1
1,2-Dibromo-3-Chloropropane	ND	+	1.0	0.84	ug/L			06/08/24 15:10	1
1,2-Dichlorobenzene	ND		0.50	0.14	ug/L			06/08/24 15:10	1
1,2-Dichloroethane	ND		0.50	0.14	ug/L			06/08/24 15:10	1
1,2-Dichloropropane	ND		0.50	0.14	ug/L			06/08/24 15:10	1
t-1,2-Dichloroethene	ND		0.50	0.22	ug/L			06/08/24 15:10	1
c-1,3-Dichloropropene	ND		0.50	0.15	ug/L			06/08/24 15:10	1
1,3-Dichlorobenzene	ND		0.50	0.16	ug/L			06/08/24 15:10	1
1,3-Dichloropropane	ND		0.50	0.19	ug/L			06/08/24 15:10	1
t-1,3-Dichloropropene	ND		0.50	0.21	ug/L			06/08/24 15:10	1
1,4-Dichlorobenzene	ND		0.50	0.11	ug/L			06/08/24 15:10	1
2,2-Dichloropropane	ND		0.50	0.26	ug/L			06/08/24 15:10	1
2-Chlorotoluene	ND		0.50	0.23	ug/L			06/08/24 15:10	1
4-Chlorotoluene	ND		0.50	0.24	ug/L			06/08/24 15:10	1
4-Methyl-2-pentanone	ND		5.0	1.6	ug/L			06/08/24 15:10	1
Acetone	ND		8.0	3.6	ug/L			06/08/24 15:10	1
Bromobenzene	ND		0.50	0.14	ug/L			06/08/24 15:10	1

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Client Sample Results

Client: Stantec Consulting Services Inc
Project/Site: ExxonMobil Gladiola Station/238000257

Job ID: 570-186772-1

Client Sample ID: MW35

Lab Sample ID: 570-186772-5

Date Collected: 06/03/24 11:20

Matrix: Water

Date Received: 06/04/24 13:13

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromochloromethane	ND		1.0	0.27	ug/L			06/08/24 15:10	1
Bromoform	ND	*+	0.50	0.28	ug/L			06/08/24 15:10	1
Bromomethane	ND		2.0	1.9	ug/L			06/08/24 15:10	1
Carbon disulfide	ND		1.0	0.32	ug/L			06/08/24 15:10	1
Carbon tetrachloride	ND		0.50	0.27	ug/L			06/08/24 15:10	1
Chlorobenzene	ND		0.50	0.12	ug/L			06/08/24 15:10	1
Dibromochloromethane	ND		0.50	0.21	ug/L			06/08/24 15:10	1
Chloroethane	ND		0.50	0.38	ug/L			06/08/24 15:10	1
Chloroform	ND		0.50	0.17	ug/L			06/08/24 15:10	1
Chloromethane	ND		1.0	0.65	ug/L			06/08/24 15:10	1
Dibromomethane	ND		0.50	0.16	ug/L			06/08/24 15:10	1
Bromodichloromethane	ND		0.50	0.15	ug/L			06/08/24 15:10	1
Dichlorodifluoromethane	ND		1.0	0.51	ug/L			06/08/24 15:10	1
1,2-Dibromoethane	ND		0.50	0.27	ug/L			06/08/24 15:10	1
Hexachloro-1,3-butadiene	ND		1.0	0.26	ug/L			06/08/24 15:10	1
Isopropylbenzene	ND		0.50	0.21	ug/L			06/08/24 15:10	1
2-Butanone	ND		5.0	2.9	ug/L			06/08/24 15:10	1
Methylene Chloride	ND		1.0	0.40	ug/L			06/08/24 15:10	1
2-Hexanone	ND		6.0	2.0	ug/L			06/08/24 15:10	1
Naphthalene	ND		1.0	0.55	ug/L			06/08/24 15:10	1
n-Butylbenzene	ND		0.50	0.24	ug/L			06/08/24 15:10	1
N-Propylbenzene	ND		0.50	0.18	ug/L			06/08/24 15:10	1
p-Isopropyltoluene	ND		0.50	0.20	ug/L			06/08/24 15:10	1
sec-Butylbenzene	ND		0.50	0.20	ug/L			06/08/24 15:10	1
Styrene	ND		0.50	0.27	ug/L			06/08/24 15:10	1
tert-Butylbenzene	ND		0.50	0.21	ug/L			06/08/24 15:10	1
Tetrachloroethene	ND		0.50	0.16	ug/L			06/08/24 15:10	1
Trichloroethene	ND		0.50	0.15	ug/L			06/08/24 15:10	1
Trichlorofluoromethane	ND		0.50	0.26	ug/L			06/08/24 15:10	1
Vinyl chloride	ND		0.50	0.23	ug/L			06/08/24 15:10	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	112		64 - 132		06/08/24 15:10	1
4-Bromofluorobenzene (Surr)	98		76 - 120		06/08/24 15:10	1
Dibromofluoromethane (Surr)	110		80 - 120		06/08/24 15:10	1
Toluene-d8 (Surr)	101		80 - 120		06/08/24 15:10	1

Method: SW846 8270C SIM - PAHs (GC/MS SIM)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		0.21	0.10	ug/L		06/07/24 05:17	06/14/24 09:28	1
Acenaphthylene	ND		0.21	0.071	ug/L		06/07/24 05:17	06/14/24 09:28	1
Anthracene	ND		0.21	0.061	ug/L		06/07/24 05:17	06/14/24 09:28	1
Benzo[a]anthracene	ND		0.21	0.088	ug/L		06/07/24 05:17	06/14/24 09:28	1
Benzo[a]pyrene	ND		0.21	0.064	ug/L		06/07/24 05:17	06/14/24 09:28	1
Benzo[b]fluoranthene	ND		0.21	0.18	ug/L		06/07/24 05:17	06/14/24 09:28	1
Benzo[g,h,i]perylene	ND		0.21	0.10	ug/L		06/07/24 05:17	06/14/24 09:28	1
Benzo[k]fluoranthene	ND		0.21	0.16	ug/L		06/07/24 05:17	06/14/24 09:28	1
Chrysene	ND		0.21	0.061	ug/L		06/07/24 05:17	06/14/24 09:28	1
Dibenz(a,h)anthracene	ND		0.21	0.12	ug/L		06/07/24 05:17	06/14/24 09:28	1
Fluoranthene	ND		0.21	0.14	ug/L		06/07/24 05:17	06/14/24 09:28	1

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Client Sample Results

Client: Stantec Consulting Services Inc
Project/Site: ExxonMobil Gladiola Station/238000257

Job ID: 570-186772-1

Client Sample ID: MW35

Lab Sample ID: 570-186772-5

Date Collected: 06/03/24 11:20

Matrix: Water

Date Received: 06/04/24 13:13

Method: SW846 8270C SIM - PAHs (GC/MS SIM) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluorene	ND		0.21	0.077	ug/L		06/07/24 05:17	06/14/24 09:28	1
Indeno[1,2,3-cd]pyrene	ND		0.21	0.11	ug/L		06/07/24 05:17	06/14/24 09:28	1
1-Methylnaphthalene	ND		0.21	0.075	ug/L		06/07/24 05:17	06/14/24 09:28	1
2-Methylnaphthalene	ND		0.21	0.079	ug/L		06/07/24 05:17	06/14/24 09:28	1
Naphthalene	ND		0.21	0.15	ug/L		06/07/24 05:17	06/14/24 09:28	1
Phenanthrene	ND		0.21	0.075	ug/L		06/07/24 05:17	06/14/24 09:28	1
Pyrene	ND		0.21	0.068	ug/L		06/07/24 05:17	06/14/24 09:28	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl (Surr)	75		33 - 144	06/07/24 05:17	06/14/24 09:28	1
Nitrobenzene-d5 (Surr)	79		28 - 139	06/07/24 05:17	06/14/24 09:28	1
p-Terphenyl-d14 (Surr)	80		23 - 160	06/07/24 05:17	06/14/24 09:28	1

Method: SW846 9056A - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromide	0.74		0.10	0.041	mg/L			06/05/24 09:50	1

Method: SW846 9056A - Anions, Ion Chromatography - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	210		10	2.4	mg/L			06/05/24 13:30	10

Method: EPA 245.1 - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.000200	0.000124	mg/L		06/05/24 11:03	06/05/24 14:45	1

Method: SW846 6010B - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		0.100	0.0199	mg/L		06/05/24 07:53	06/05/24 19:54	1
Barium	0.119		0.0100	0.00111	mg/L		06/05/24 07:53	06/05/24 19:54	1
Cadmium	ND		0.0100	0.000620	mg/L		06/05/24 07:53	06/05/24 19:54	1
Chromium	0.0109	J	0.0500	0.00296	mg/L		06/05/24 07:53	06/05/24 19:54	1
Lead	ND		0.0500	0.00527	mg/L		06/05/24 07:53	06/05/24 19:54	1
Selenium	ND		0.0500	0.0162	mg/L		06/05/24 07:53	06/05/24 19:54	1
Silver	ND		0.0100	0.00259	mg/L		06/05/24 07:53	06/05/24 19:54	1

Method: SW846 6020 - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Calcium	142000		100	24.6	ug/L		06/05/24 08:22	06/05/24 16:44	1
Magnesium	35200		100	15.1	ug/L		06/05/24 08:22	06/05/24 16:44	1
Potassium	3520		100	16.6	ug/L		06/05/24 08:22	06/05/24 16:44	1
Sodium	151000	B	100	13.9	ug/L		06/05/24 08:22	06/05/24 16:44	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity, Total (As CaCO3) (SM 2320B)	192		5.00	2.18	mg/L			06/07/24 15:49	1
Bicarbonate (as CaCO3) (SM 2320B)	192		5.00	2.18	mg/L			06/07/24 15:49	1
Total Dissolved Solids (SM 2540C)	981		10.0	8.70	mg/L			06/05/24 14:02	1
Chloride (SM 4500 Cl- C)	241		10.0	2.98	mg/L			06/07/24 17:31	1

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Client Sample Results

Client: Stantec Consulting Services Inc
Project/Site: ExxonMobil Gladiola Station/238000257

Job ID: 570-186772-1

Client Sample ID: MW36

Lab Sample ID: 570-186772-6

Date Collected: 06/03/24 12:20

Matrix: Water

Date Received: 06/04/24 13:13

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.50	0.14	ug/L			06/08/24 15:35	1
Toluene	ND		0.50	0.14	ug/L			06/08/24 15:35	1
Ethylbenzene	ND		0.50	0.16	ug/L			06/08/24 15:35	1
o-Xylene	ND		0.50	0.18	ug/L			06/08/24 15:35	1
m,p-Xylene	ND		1.0	0.39	ug/L			06/08/24 15:35	1
Xylenes, Total	ND		1.0	0.39	ug/L			06/08/24 15:35	1
Methyl-t-Butyl Ether (MTBE)	ND		0.50	0.14	ug/L			06/08/24 15:35	1
1,1,1,2-Tetrachloroethane	ND		0.50	0.20	ug/L			06/08/24 15:35	1
1,1,1-Trichloroethane	ND		0.50	0.20	ug/L			06/08/24 15:35	1
1,1,2,2-Tetrachloroethane	ND		0.50	0.14	ug/L			06/08/24 15:35	1
1,1,2-Trichloroethane	ND		0.50	0.18	ug/L			06/08/24 15:35	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50	0.25	ug/L			06/08/24 15:35	1
1,1-Dichloroethane	ND		0.50	0.21	ug/L			06/08/24 15:35	1
1,1-Dichloroethene	ND		0.50	0.21	ug/L			06/08/24 15:35	1
1,1-Dichloropropene	ND		0.50	0.16	ug/L			06/08/24 15:35	1
1,2,3-Trichlorobenzene	ND		0.50	0.26	ug/L			06/08/24 15:35	1
1,2,3-Trichloropropane	ND		0.50	0.31	ug/L			06/08/24 15:35	1
1,2,4-Trichlorobenzene	ND		0.50	0.26	ug/L			06/08/24 15:35	1
1,2,4-Trimethylbenzene	ND		0.50	0.22	ug/L			06/08/24 15:35	1
1,3,5-Trimethylbenzene	ND		0.50	0.19	ug/L			06/08/24 15:35	1
c-1,2-Dichloroethene	ND		0.50	0.16	ug/L			06/08/24 15:35	1
1,2-Dibromo-3-Chloropropane	ND	+	1.0	0.84	ug/L			06/08/24 15:35	1
1,2-Dichlorobenzene	ND		0.50	0.14	ug/L			06/08/24 15:35	1
1,2-Dichloroethane	ND		0.50	0.14	ug/L			06/08/24 15:35	1
1,2-Dichloropropane	ND		0.50	0.14	ug/L			06/08/24 15:35	1
t-1,2-Dichloroethene	ND		0.50	0.22	ug/L			06/08/24 15:35	1
c-1,3-Dichloropropene	ND		0.50	0.15	ug/L			06/08/24 15:35	1
1,3-Dichlorobenzene	ND		0.50	0.16	ug/L			06/08/24 15:35	1
1,3-Dichloropropane	ND		0.50	0.19	ug/L			06/08/24 15:35	1
t-1,3-Dichloropropene	ND		0.50	0.21	ug/L			06/08/24 15:35	1
1,4-Dichlorobenzene	ND		0.50	0.11	ug/L			06/08/24 15:35	1
2,2-Dichloropropane	ND		0.50	0.26	ug/L			06/08/24 15:35	1
2-Chlorotoluene	ND		0.50	0.23	ug/L			06/08/24 15:35	1
4-Chlorotoluene	ND		0.50	0.24	ug/L			06/08/24 15:35	1
4-Methyl-2-pentanone	ND		5.0	1.6	ug/L			06/08/24 15:35	1
Acetone	ND		8.0	3.6	ug/L			06/08/24 15:35	1
Bromobenzene	ND		0.50	0.14	ug/L			06/08/24 15:35	1
Bromochloromethane	ND		1.0	0.27	ug/L			06/08/24 15:35	1
Bromoform	ND	+	0.50	0.28	ug/L			06/08/24 15:35	1
Bromomethane	ND		2.0	1.9	ug/L			06/08/24 15:35	1
Carbon disulfide	ND		1.0	0.32	ug/L			06/08/24 15:35	1
Carbon tetrachloride	ND		0.50	0.27	ug/L			06/08/24 15:35	1
Chlorobenzene	ND		0.50	0.12	ug/L			06/08/24 15:35	1
Dibromochloromethane	ND		0.50	0.21	ug/L			06/08/24 15:35	1
Chloroethane	ND		0.50	0.38	ug/L			06/08/24 15:35	1
Chloroform	ND		0.50	0.17	ug/L			06/08/24 15:35	1
Chloromethane	ND		1.0	0.65	ug/L			06/08/24 15:35	1
Dibromomethane	ND		0.50	0.16	ug/L			06/08/24 15:35	1
Bromodichloromethane	ND		0.50	0.15	ug/L			06/08/24 15:35	1

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Client Sample Results

Client: Stantec Consulting Services Inc
Project/Site: ExxonMobil Gladiola Station/238000257

Job ID: 570-186772-1

Client Sample ID: MW36

Lab Sample ID: 570-186772-6

Date Collected: 06/03/24 12:20

Matrix: Water

Date Received: 06/04/24 13:13

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	ND		1.0	0.51	ug/L			06/08/24 15:35	1
1,2-Dibromoethane	ND		0.50	0.27	ug/L			06/08/24 15:35	1
Hexachloro-1,3-butadiene	ND		1.0	0.26	ug/L			06/08/24 15:35	1
Isopropylbenzene	ND		0.50	0.21	ug/L			06/08/24 15:35	1
2-Butanone	ND		5.0	2.9	ug/L			06/08/24 15:35	1
Methylene Chloride	ND		1.0	0.40	ug/L			06/08/24 15:35	1
2-Hexanone	ND		6.0	2.0	ug/L			06/08/24 15:35	1
Naphthalene	ND		1.0	0.55	ug/L			06/08/24 15:35	1
n-Butylbenzene	ND		0.50	0.24	ug/L			06/08/24 15:35	1
N-Propylbenzene	ND		0.50	0.18	ug/L			06/08/24 15:35	1
p-Isopropyltoluene	ND		0.50	0.20	ug/L			06/08/24 15:35	1
sec-Butylbenzene	ND		0.50	0.20	ug/L			06/08/24 15:35	1
Styrene	ND		0.50	0.27	ug/L			06/08/24 15:35	1
tert-Butylbenzene	ND		0.50	0.21	ug/L			06/08/24 15:35	1
Tetrachloroethene	ND		0.50	0.16	ug/L			06/08/24 15:35	1
Trichloroethene	ND		0.50	0.15	ug/L			06/08/24 15:35	1
Trichlorofluoromethane	ND		0.50	0.26	ug/L			06/08/24 15:35	1
Vinyl chloride	ND		0.50	0.23	ug/L			06/08/24 15:35	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	114		64 - 132					06/08/24 15:35	1
4-Bromofluorobenzene (Surr)	97		76 - 120					06/08/24 15:35	1
Dibromofluoromethane (Surr)	113		80 - 120					06/08/24 15:35	1
Toluene-d8 (Surr)	99		80 - 120					06/08/24 15:35	1

Method: SW846 8270C SIM - PAHs (GC/MS SIM)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		0.19	0.095	ug/L		06/07/24 05:17	06/14/24 09:49	1
Acenaphthylene	ND		0.19	0.067	ug/L		06/07/24 05:17	06/14/24 09:49	1
Anthracene	ND		0.19	0.058	ug/L		06/07/24 05:17	06/14/24 09:49	1
Benzo[a]anthracene	ND		0.19	0.083	ug/L		06/07/24 05:17	06/14/24 09:49	1
Benzo[a]pyrene	ND		0.19	0.061	ug/L		06/07/24 05:17	06/14/24 09:49	1
Benzo[b]fluoranthene	ND		0.19	0.17	ug/L		06/07/24 05:17	06/14/24 09:49	1
Benzo[g,h,i]perylene	ND		0.19	0.098	ug/L		06/07/24 05:17	06/14/24 09:49	1
Benzo[k]fluoranthene	ND		0.19	0.15	ug/L		06/07/24 05:17	06/14/24 09:49	1
Chrysene	ND		0.19	0.058	ug/L		06/07/24 05:17	06/14/24 09:49	1
Dibenz(a,h)anthracene	ND		0.19	0.11	ug/L		06/07/24 05:17	06/14/24 09:49	1
Fluoranthene	ND		0.19	0.14	ug/L		06/07/24 05:17	06/14/24 09:49	1
Fluorene	ND		0.19	0.073	ug/L		06/07/24 05:17	06/14/24 09:49	1
Indeno[1,2,3-cd]pyrene	ND		0.19	0.10	ug/L		06/07/24 05:17	06/14/24 09:49	1
1-Methylnaphthalene	ND		0.19	0.071	ug/L		06/07/24 05:17	06/14/24 09:49	1
2-Methylnaphthalene	ND		0.19	0.075	ug/L		06/07/24 05:17	06/14/24 09:49	1
Naphthalene	ND		0.19	0.14	ug/L		06/07/24 05:17	06/14/24 09:49	1
Phenanthrene	ND		0.19	0.071	ug/L		06/07/24 05:17	06/14/24 09:49	1
Pyrene	ND		0.19	0.064	ug/L		06/07/24 05:17	06/14/24 09:49	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl (Surr)	81		33 - 144				06/07/24 05:17	06/14/24 09:49	1
Nitrobenzene-d5 (Surr)	74		28 - 139				06/07/24 05:17	06/14/24 09:49	1
p-Terphenyl-d14 (Surr)	80		23 - 160				06/07/24 05:17	06/14/24 09:49	1

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Client Sample Results

Client: Stantec Consulting Services Inc
Project/Site: ExxonMobil Gladiola Station/238000257

Job ID: 570-186772-1

Client Sample ID: MW36

Lab Sample ID: 570-186772-6

Date Collected: 06/03/24 12:20

Matrix: Water

Date Received: 06/04/24 13:13

Method: SW846 9056A - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromide	0.73		0.10	0.041	mg/L			06/05/24 10:07	1

Method: SW846 9056A - Anions, Ion Chromatography - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	140		10	2.4	mg/L			06/05/24 13:46	10

Method: EPA 245.1 - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.000200	0.000124	mg/L		06/05/24 11:03	06/05/24 14:47	1

Method: SW846 6010B - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		0.100	0.0199	mg/L		06/05/24 07:53	06/05/24 19:56	1
Barium	0.0496		0.0100	0.00111	mg/L		06/05/24 07:53	06/05/24 19:56	1
Cadmium	ND		0.0100	0.000620	mg/L		06/05/24 07:53	06/05/24 19:56	1
Chromium	ND		0.0500	0.00296	mg/L		06/05/24 07:53	06/05/24 19:56	1
Lead	ND		0.0500	0.00527	mg/L		06/05/24 07:53	06/05/24 19:56	1
Selenium	ND		0.0500	0.0162	mg/L		06/05/24 07:53	06/05/24 19:56	1
Silver	ND		0.0100	0.00259	mg/L		06/05/24 07:53	06/05/24 19:56	1

Method: SW846 6020 - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Calcium	129000		100	24.6	ug/L		06/05/24 08:22	06/05/24 17:04	1
Magnesium	37200		100	15.1	ug/L		06/05/24 08:22	06/05/24 17:04	1
Potassium	3050		100	16.6	ug/L		06/05/24 08:22	06/05/24 17:04	1
Sodium	128000	B	100	13.9	ug/L		06/05/24 08:22	06/05/24 17:04	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity, Total (As CaCO3) (SM 2320B)	162		5.00	2.18	mg/L			06/07/24 15:55	1
Bicarbonate (as CaCO3) (SM 2320B)	162		5.00	2.18	mg/L			06/07/24 15:55	1
Total Dissolved Solids (SM 2540C)	932		10.0	8.70	mg/L			06/05/24 14:02	1
Chloride (SM 4500 Cl- C)	275		10.0	2.98	mg/L			06/07/24 17:34	1

Client Sample ID: MW37

Lab Sample ID: 570-186772-7

Date Collected: 06/03/24 14:35

Matrix: Water

Date Received: 06/04/24 13:13

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.50	0.14	ug/L			06/08/24 15:59	1
Toluene	ND		0.50	0.14	ug/L			06/08/24 15:59	1
Ethylbenzene	ND		0.50	0.16	ug/L			06/08/24 15:59	1
o-Xylene	ND		0.50	0.18	ug/L			06/08/24 15:59	1
m,p-Xylene	ND		1.0	0.39	ug/L			06/08/24 15:59	1
Xylenes, Total	ND		1.0	0.39	ug/L			06/08/24 15:59	1
Methyl-t-Butyl Ether (MTBE)	ND		0.50	0.14	ug/L			06/08/24 15:59	1
1,1,1,2-Tetrachloroethane	ND		0.50	0.20	ug/L			06/08/24 15:59	1
1,1,1-Trichloroethane	ND		0.50	0.20	ug/L			06/08/24 15:59	1
1,1,2,2-Tetrachloroethane	ND		0.50	0.14	ug/L			06/08/24 15:59	1

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Client Sample Results

Client: Stantec Consulting Services Inc
Project/Site: ExxonMobil Gladiola Station/238000257

Job ID: 570-186772-1

Client Sample ID: MW37

Lab Sample ID: 570-186772-7

Date Collected: 06/03/24 14:35

Matrix: Water

Date Received: 06/04/24 13:13

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichloroethane	ND		0.50	0.18	ug/L			06/08/24 15:59	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50	0.25	ug/L			06/08/24 15:59	1
1,1-Dichloroethane	ND		0.50	0.21	ug/L			06/08/24 15:59	1
1,1-Dichloroethene	ND		0.50	0.21	ug/L			06/08/24 15:59	1
1,1-Dichloropropene	ND		0.50	0.16	ug/L			06/08/24 15:59	1
1,2,3-Trichlorobenzene	ND		0.50	0.26	ug/L			06/08/24 15:59	1
1,2,3-Trichloropropane	ND		0.50	0.31	ug/L			06/08/24 15:59	1
1,2,4-Trichlorobenzene	ND		0.50	0.26	ug/L			06/08/24 15:59	1
1,2,4-Trimethylbenzene	ND		0.50	0.22	ug/L			06/08/24 15:59	1
1,3,5-Trimethylbenzene	ND		0.50	0.19	ug/L			06/08/24 15:59	1
c-1,2-Dichloroethene	ND		0.50	0.16	ug/L			06/08/24 15:59	1
1,2-Dibromo-3-Chloropropane	ND	+	1.0	0.84	ug/L			06/08/24 15:59	1
1,2-Dichlorobenzene	ND		0.50	0.14	ug/L			06/08/24 15:59	1
1,2-Dichloroethane	ND		0.50	0.14	ug/L			06/08/24 15:59	1
1,2-Dichloropropane	ND		0.50	0.14	ug/L			06/08/24 15:59	1
t-1,2-Dichloroethene	ND		0.50	0.22	ug/L			06/08/24 15:59	1
c-1,3-Dichloropropene	ND		0.50	0.15	ug/L			06/08/24 15:59	1
1,3-Dichlorobenzene	ND		0.50	0.16	ug/L			06/08/24 15:59	1
1,3-Dichloropropane	ND		0.50	0.19	ug/L			06/08/24 15:59	1
t-1,3-Dichloropropene	ND		0.50	0.21	ug/L			06/08/24 15:59	1
1,4-Dichlorobenzene	ND		0.50	0.11	ug/L			06/08/24 15:59	1
2,2-Dichloropropane	ND		0.50	0.26	ug/L			06/08/24 15:59	1
2-Chlorotoluene	ND		0.50	0.23	ug/L			06/08/24 15:59	1
4-Chlorotoluene	ND		0.50	0.24	ug/L			06/08/24 15:59	1
4-Methyl-2-pentanone	ND		5.0	1.6	ug/L			06/08/24 15:59	1
Acetone	ND		8.0	3.6	ug/L			06/08/24 15:59	1
Bromobenzene	ND		0.50	0.14	ug/L			06/08/24 15:59	1
Bromochloromethane	ND		1.0	0.27	ug/L			06/08/24 15:59	1
Bromoform	ND	+	0.50	0.28	ug/L			06/08/24 15:59	1
Bromomethane	ND		2.0	1.9	ug/L			06/08/24 15:59	1
Carbon disulfide	ND		1.0	0.32	ug/L			06/08/24 15:59	1
Carbon tetrachloride	ND		0.50	0.27	ug/L			06/08/24 15:59	1
Chlorobenzene	ND		0.50	0.12	ug/L			06/08/24 15:59	1
Dibromochloromethane	ND		0.50	0.21	ug/L			06/08/24 15:59	1
Chloroethane	ND		0.50	0.38	ug/L			06/08/24 15:59	1
Chloroform	ND		0.50	0.17	ug/L			06/08/24 15:59	1
Chloromethane	ND		1.0	0.65	ug/L			06/08/24 15:59	1
Dibromomethane	ND		0.50	0.16	ug/L			06/08/24 15:59	1
Bromodichloromethane	ND		0.50	0.15	ug/L			06/08/24 15:59	1
Dichlorodifluoromethane	ND		1.0	0.51	ug/L			06/08/24 15:59	1
1,2-Dibromoethane	ND		0.50	0.27	ug/L			06/08/24 15:59	1
Hexachloro-1,3-butadiene	ND		1.0	0.26	ug/L			06/08/24 15:59	1
Isopropylbenzene	ND		0.50	0.21	ug/L			06/08/24 15:59	1
2-Butanone	ND		5.0	2.9	ug/L			06/08/24 15:59	1
Methylene Chloride	ND		1.0	0.40	ug/L			06/08/24 15:59	1
2-Hexanone	ND		6.0	2.0	ug/L			06/08/24 15:59	1
Naphthalene	ND		1.0	0.55	ug/L			06/08/24 15:59	1
n-Butylbenzene	ND		0.50	0.24	ug/L			06/08/24 15:59	1
N-Propylbenzene	ND		0.50	0.18	ug/L			06/08/24 15:59	1

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Client Sample Results

Client: Stantec Consulting Services Inc
Project/Site: ExxonMobil Gladiola Station/238000257

Job ID: 570-186772-1

Client Sample ID: MW37

Lab Sample ID: 570-186772-7

Date Collected: 06/03/24 14:35

Matrix: Water

Date Received: 06/04/24 13:13

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
p-Isopropyltoluene	ND		0.50	0.20	ug/L			06/08/24 15:59	1
sec-Butylbenzene	ND		0.50	0.20	ug/L			06/08/24 15:59	1
Styrene	ND		0.50	0.27	ug/L			06/08/24 15:59	1
tert-Butylbenzene	ND		0.50	0.21	ug/L			06/08/24 15:59	1
Tetrachloroethene	ND		0.50	0.16	ug/L			06/08/24 15:59	1
Trichloroethene	ND		0.50	0.15	ug/L			06/08/24 15:59	1
Trichlorofluoromethane	ND		0.50	0.26	ug/L			06/08/24 15:59	1
Vinyl chloride	ND		0.50	0.23	ug/L			06/08/24 15:59	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	115		64 - 132					06/08/24 15:59	1
4-Bromofluorobenzene (Surr)	98		76 - 120					06/08/24 15:59	1
Dibromofluoromethane (Surr)	113		80 - 120					06/08/24 15:59	1
Toluene-d8 (Surr)	99		80 - 120					06/08/24 15:59	1

Method: SW846 8270C SIM - PAHs (GC/MS SIM)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		0.19	0.094	ug/L		06/07/24 05:17	06/14/24 10:11	1
Acenaphthylene	ND		0.19	0.067	ug/L		06/07/24 05:17	06/14/24 10:11	1
Anthracene	ND		0.19	0.058	ug/L		06/07/24 05:17	06/14/24 10:11	1
Benzo[a]anthracene	ND		0.19	0.083	ug/L		06/07/24 05:17	06/14/24 10:11	1
Benzo[a]pyrene	ND		0.19	0.061	ug/L		06/07/24 05:17	06/14/24 10:11	1
Benzo[b]fluoranthene	ND		0.19	0.17	ug/L		06/07/24 05:17	06/14/24 10:11	1
Benzo[g,h,i]perylene	ND		0.19	0.098	ug/L		06/07/24 05:17	06/14/24 10:11	1
Benzo[k]fluoranthene	ND		0.19	0.15	ug/L		06/07/24 05:17	06/14/24 10:11	1
Chrysene	ND		0.19	0.058	ug/L		06/07/24 05:17	06/14/24 10:11	1
Dibenz(a,h)anthracene	ND		0.19	0.11	ug/L		06/07/24 05:17	06/14/24 10:11	1
Fluoranthene	ND		0.19	0.13	ug/L		06/07/24 05:17	06/14/24 10:11	1
Fluorene	ND		0.19	0.073	ug/L		06/07/24 05:17	06/14/24 10:11	1
Indeno[1,2,3-cd]pyrene	ND		0.19	0.10	ug/L		06/07/24 05:17	06/14/24 10:11	1
1-Methylnaphthalene	ND		0.19	0.071	ug/L		06/07/24 05:17	06/14/24 10:11	1
2-Methylnaphthalene	ND		0.19	0.075	ug/L		06/07/24 05:17	06/14/24 10:11	1
Naphthalene	ND		0.19	0.14	ug/L		06/07/24 05:17	06/14/24 10:11	1
Phenanthrene	ND		0.19	0.071	ug/L		06/07/24 05:17	06/14/24 10:11	1
Pyrene	ND		0.19	0.064	ug/L		06/07/24 05:17	06/14/24 10:11	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl (Surr)	76		33 - 144				06/07/24 05:17	06/14/24 10:11	1
Nitrobenzene-d5 (Surr)	59		28 - 139				06/07/24 05:17	06/14/24 10:11	1
p-Terphenyl-d14 (Surr)	79		23 - 160				06/07/24 05:17	06/14/24 10:11	1

Method: SW846 9056A - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromide	0.57		0.10	0.041	mg/L			06/05/24 10:24	1

Method: SW846 9056A - Anions, Ion Chromatography - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	93		10	2.4	mg/L			06/05/24 14:03	10

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Client Sample Results

Client: Stantec Consulting Services Inc
Project/Site: ExxonMobil Gladiola Station/238000257

Job ID: 570-186772-1

Client Sample ID: MW37

Lab Sample ID: 570-186772-7

Date Collected: 06/03/24 14:35

Matrix: Water

Date Received: 06/04/24 13:13

Method: EPA 245.1 - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.000200	0.000124	mg/L		06/05/24 11:03	06/05/24 14:49	1

Method: SW846 6010B - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		0.100	0.0199	mg/L		06/05/24 07:53	06/05/24 20:03	1
Barium	0.0962		0.0100	0.00111	mg/L		06/05/24 07:53	06/05/24 20:03	1
Cadmium	ND		0.0100	0.000620	mg/L		06/05/24 07:53	06/05/24 20:03	1
Chromium	0.00710	J	0.0500	0.00296	mg/L		06/05/24 07:53	06/05/24 20:03	1
Lead	0.00570	J	0.0500	0.00527	mg/L		06/05/24 07:53	06/05/24 20:03	1
Selenium	ND		0.0500	0.0162	mg/L		06/05/24 07:53	06/05/24 20:03	1
Silver	ND		0.0100	0.00259	mg/L		06/05/24 07:53	06/05/24 20:03	1

Method: SW846 6020 - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Calcium	121000		100	24.6	ug/L		06/05/24 08:22	06/05/24 16:07	1
Magnesium	29700		100	15.1	ug/L		06/05/24 08:22	06/05/24 16:07	1
Potassium	3030		100	16.6	ug/L		06/05/24 08:22	06/05/24 16:07	1
Sodium	88000	B	100	13.9	ug/L		06/05/24 08:22	06/05/24 16:07	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity, Total (As CaCO ₃) (SM 2320B)	164		5.00	2.18	mg/L			06/07/24 16:01	1
Bicarbonate (as CaCO ₃) (SM 2320B)	164		5.00	2.18	mg/L			06/07/24 16:01	1
Total Dissolved Solids (SM 2540C)	742		10.0	8.70	mg/L			06/05/24 14:02	1
Chloride (SM 4500 Cl- C)	184		10.0	2.98	mg/L			06/07/24 17:36	1

Client Sample ID: MW38

Lab Sample ID: 570-186772-8

Date Collected: 06/03/24 14:00

Matrix: Water

Date Received: 06/04/24 13:13

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.50	0.14	ug/L			06/08/24 16:24	1
Toluene	ND		0.50	0.14	ug/L			06/08/24 16:24	1
Ethylbenzene	ND		0.50	0.16	ug/L			06/08/24 16:24	1
o-Xylene	ND		0.50	0.18	ug/L			06/08/24 16:24	1
m,p-Xylene	ND		1.0	0.39	ug/L			06/08/24 16:24	1
Xylenes, Total	ND		1.0	0.39	ug/L			06/08/24 16:24	1
Methyl-t-Butyl Ether (MTBE)	ND		0.50	0.14	ug/L			06/08/24 16:24	1
1,1,1,2-Tetrachloroethane	ND		0.50	0.20	ug/L			06/08/24 16:24	1
1,1,1-Trichloroethane	ND		0.50	0.20	ug/L			06/08/24 16:24	1
1,1,2,2-Tetrachloroethane	ND		0.50	0.14	ug/L			06/08/24 16:24	1
1,1,2-Trichloroethane	ND		0.50	0.18	ug/L			06/08/24 16:24	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50	0.25	ug/L			06/08/24 16:24	1
1,1-Dichloroethane	ND		0.50	0.21	ug/L			06/08/24 16:24	1
1,1-Dichloroethene	ND		0.50	0.21	ug/L			06/08/24 16:24	1
1,1-Dichloropropene	ND		0.50	0.16	ug/L			06/08/24 16:24	1
1,2,3-Trichlorobenzene	ND		0.50	0.26	ug/L			06/08/24 16:24	1
1,2,3-Trichloropropane	ND		0.50	0.31	ug/L			06/08/24 16:24	1

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Client Sample Results

Client: Stantec Consulting Services Inc
Project/Site: ExxonMobil Gladiola Station/238000257

Job ID: 570-186772-1

Client Sample ID: MW38

Lab Sample ID: 570-186772-8

Date Collected: 06/03/24 14:00

Matrix: Water

Date Received: 06/04/24 13:13

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND		0.50	0.26	ug/L			06/08/24 16:24	1
1,2,4-Trimethylbenzene	ND		0.50	0.22	ug/L			06/08/24 16:24	1
1,3,5-Trimethylbenzene	ND		0.50	0.19	ug/L			06/08/24 16:24	1
c-1,2-Dichloroethene	ND		0.50	0.16	ug/L			06/08/24 16:24	1
1,2-Dibromo-3-Chloropropane	ND	+	1.0	0.84	ug/L			06/08/24 16:24	1
1,2-Dichlorobenzene	ND		0.50	0.14	ug/L			06/08/24 16:24	1
1,2-Dichloroethane	ND		0.50	0.14	ug/L			06/08/24 16:24	1
1,2-Dichloropropane	ND		0.50	0.14	ug/L			06/08/24 16:24	1
t-1,2-Dichloroethene	ND		0.50	0.22	ug/L			06/08/24 16:24	1
c-1,3-Dichloropropene	ND		0.50	0.15	ug/L			06/08/24 16:24	1
1,3-Dichlorobenzene	ND		0.50	0.16	ug/L			06/08/24 16:24	1
1,3-Dichloropropane	ND		0.50	0.19	ug/L			06/08/24 16:24	1
t-1,3-Dichloropropene	ND		0.50	0.21	ug/L			06/08/24 16:24	1
1,4-Dichlorobenzene	ND		0.50	0.11	ug/L			06/08/24 16:24	1
2,2-Dichloropropane	ND		0.50	0.26	ug/L			06/08/24 16:24	1
2-Chlorotoluene	ND		0.50	0.23	ug/L			06/08/24 16:24	1
4-Chlorotoluene	ND		0.50	0.24	ug/L			06/08/24 16:24	1
4-Methyl-2-pentanone	ND		5.0	1.6	ug/L			06/08/24 16:24	1
Acetone	ND		8.0	3.6	ug/L			06/08/24 16:24	1
Bromobenzene	ND		0.50	0.14	ug/L			06/08/24 16:24	1
Bromochloromethane	ND		1.0	0.27	ug/L			06/08/24 16:24	1
Bromoform	ND	+	0.50	0.28	ug/L			06/08/24 16:24	1
Bromomethane	ND		2.0	1.9	ug/L			06/08/24 16:24	1
Carbon disulfide	ND		1.0	0.32	ug/L			06/08/24 16:24	1
Carbon tetrachloride	ND		0.50	0.27	ug/L			06/08/24 16:24	1
Chlorobenzene	ND		0.50	0.12	ug/L			06/08/24 16:24	1
Dibromochloromethane	ND		0.50	0.21	ug/L			06/08/24 16:24	1
Chloroethane	ND		0.50	0.38	ug/L			06/08/24 16:24	1
Chloroform	ND		0.50	0.17	ug/L			06/08/24 16:24	1
Chloromethane	ND		1.0	0.65	ug/L			06/08/24 16:24	1
Dibromomethane	ND		0.50	0.16	ug/L			06/08/24 16:24	1
Bromodichloromethane	ND		0.50	0.15	ug/L			06/08/24 16:24	1
Dichlorodifluoromethane	ND		1.0	0.51	ug/L			06/08/24 16:24	1
1,2-Dibromoethane	ND		0.50	0.27	ug/L			06/08/24 16:24	1
Hexachloro-1,3-butadiene	ND		1.0	0.26	ug/L			06/08/24 16:24	1
Isopropylbenzene	ND		0.50	0.21	ug/L			06/08/24 16:24	1
2-Butanone	ND		5.0	2.9	ug/L			06/08/24 16:24	1
Methylene Chloride	ND		1.0	0.40	ug/L			06/08/24 16:24	1
2-Hexanone	ND		6.0	2.0	ug/L			06/08/24 16:24	1
Naphthalene	ND		1.0	0.55	ug/L			06/08/24 16:24	1
n-Butylbenzene	ND		0.50	0.24	ug/L			06/08/24 16:24	1
N-Propylbenzene	ND		0.50	0.18	ug/L			06/08/24 16:24	1
p-Isopropyltoluene	ND		0.50	0.20	ug/L			06/08/24 16:24	1
sec-Butylbenzene	ND		0.50	0.20	ug/L			06/08/24 16:24	1
Styrene	ND		0.50	0.27	ug/L			06/08/24 16:24	1
tert-Butylbenzene	ND		0.50	0.21	ug/L			06/08/24 16:24	1
Tetrachloroethene	ND		0.50	0.16	ug/L			06/08/24 16:24	1
Trichloroethene	ND		0.50	0.15	ug/L			06/08/24 16:24	1
Trichlorofluoromethane	ND		0.50	0.26	ug/L			06/08/24 16:24	1

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Client Sample Results

Client: Stantec Consulting Services Inc
Project/Site: ExxonMobil Gladiola Station/238000257

Job ID: 570-186772-1

Client Sample ID: MW38

Lab Sample ID: 570-186772-8

Date Collected: 06/03/24 14:00

Matrix: Water

Date Received: 06/04/24 13:13

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Vinyl chloride	ND		0.50	0.23	ug/L			06/08/24 16:24	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	115		64 - 132		06/08/24 16:24	1
4-Bromofluorobenzene (Surr)	97		76 - 120		06/08/24 16:24	1
Dibromofluoromethane (Surr)	114		80 - 120		06/08/24 16:24	1
Toluene-d8 (Surr)	100		80 - 120		06/08/24 16:24	1

Method: SW846 8270C SIM - PAHs (GC/MS SIM)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		0.20	0.097	ug/L		06/07/24 05:17	06/14/24 10:32	1
Acenaphthylene	ND		0.20	0.069	ug/L		06/07/24 05:17	06/14/24 10:32	1
Anthracene	ND		0.20	0.059	ug/L		06/07/24 05:17	06/14/24 10:32	1
Benzo[a]anthracene	ND		0.20	0.085	ug/L		06/07/24 05:17	06/14/24 10:32	1
Benzo[a]pyrene	ND		0.20	0.062	ug/L		06/07/24 05:17	06/14/24 10:32	1
Benzo[b]fluoranthene	ND		0.20	0.17	ug/L		06/07/24 05:17	06/14/24 10:32	1
Benzo[g,h,i]perylene	ND		0.20	0.10	ug/L		06/07/24 05:17	06/14/24 10:32	1
Benzo[k]fluoranthene	ND		0.20	0.15	ug/L		06/07/24 05:17	06/14/24 10:32	1
Chrysene	ND		0.20	0.059	ug/L		06/07/24 05:17	06/14/24 10:32	1
Dibenz(a,h)anthracene	ND		0.20	0.11	ug/L		06/07/24 05:17	06/14/24 10:32	1
Fluoranthene	ND		0.20	0.14	ug/L		06/07/24 05:17	06/14/24 10:32	1
Fluorene	ND		0.20	0.075	ug/L		06/07/24 05:17	06/14/24 10:32	1
Indeno[1,2,3-cd]pyrene	ND		0.20	0.11	ug/L		06/07/24 05:17	06/14/24 10:32	1
1-Methylnaphthalene	ND		0.20	0.073	ug/L		06/07/24 05:17	06/14/24 10:32	1
2-Methylnaphthalene	ND		0.20	0.077	ug/L		06/07/24 05:17	06/14/24 10:32	1
Naphthalene	ND		0.20	0.15	ug/L		06/07/24 05:17	06/14/24 10:32	1
Phenanthrene	ND		0.20	0.073	ug/L		06/07/24 05:17	06/14/24 10:32	1
Pyrene	ND		0.20	0.066	ug/L		06/07/24 05:17	06/14/24 10:32	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl (Surr)	83		33 - 144	06/07/24 05:17	06/14/24 10:32	1
Nitrobenzene-d5 (Surr)	80		28 - 139	06/07/24 05:17	06/14/24 10:32	1
p-Terphenyl-d14 (Surr)	95		23 - 160	06/07/24 05:17	06/14/24 10:32	1

Method: SW846 9056A - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromide	0.85		0.10	0.041	mg/L			06/05/24 10:41	1

Method: SW846 9056A - Anions, Ion Chromatography - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	87		10	2.4	mg/L			06/05/24 14:20	10

Method: EPA 245.1 - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.000200	0.000124	mg/L		06/05/24 11:03	06/05/24 14:51	1

Method: SW846 6010B - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		0.100	0.0199	mg/L		06/05/24 07:53	06/05/24 20:05	1
Barium	0.258		0.0100	0.00111	mg/L		06/05/24 07:53	06/05/24 20:05	1
Cadmium	ND		0.0100	0.000620	mg/L		06/05/24 07:53	06/05/24 20:05	1

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Client Sample Results

Client: Stantec Consulting Services Inc
Project/Site: ExxonMobil Gladiola Station/238000257

Job ID: 570-186772-1

Client Sample ID: MW38

Lab Sample ID: 570-186772-8

Date Collected: 06/03/24 14:00

Matrix: Water

Date Received: 06/04/24 13:13

Method: SW846 6010B - Metals (ICP) - Total Recoverable (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	0.0123	J	0.0500	0.00296	mg/L		06/05/24 07:53	06/05/24 20:05	1
Lead	0.00600	J	0.0500	0.00527	mg/L		06/05/24 07:53	06/05/24 20:05	1
Selenium	ND		0.0500	0.0162	mg/L		06/05/24 07:53	06/05/24 20:05	1
Silver	ND		0.0100	0.00259	mg/L		06/05/24 07:53	06/05/24 20:05	1

Method: SW846 6020 - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Calcium	164000		100	24.6	ug/L		06/05/24 08:22	06/05/24 16:09	1
Magnesium	37200		100	15.1	ug/L		06/05/24 08:22	06/05/24 16:09	1
Potassium	3530		100	16.6	ug/L		06/05/24 08:22	06/05/24 16:09	1
Sodium	137000	B	100	13.9	ug/L		06/05/24 08:22	06/05/24 16:09	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity, Total (As CaCO3) (SM 2320B)	158		5.00	2.18	mg/L			06/07/24 16:08	1
Bicarbonate (as CaCO3) (SM 2320B)	158		5.00	2.18	mg/L			06/07/24 16:08	1
Total Dissolved Solids (SM 2540C)	1110		10.0	8.70	mg/L			06/05/24 14:02	1
Chloride (SM 4500 Cl- C)	379		10.0	2.98	mg/L			06/07/24 17:40	1

Client Sample ID: MW-39

Lab Sample ID: 570-186772-9

Date Collected: 06/03/24 13:20

Matrix: Water

Date Received: 06/04/24 13:13

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.50	0.14	ug/L			06/08/24 16:49	1
Toluene	ND		0.50	0.14	ug/L			06/08/24 16:49	1
Ethylbenzene	ND		0.50	0.16	ug/L			06/08/24 16:49	1
o-Xylene	ND		0.50	0.18	ug/L			06/08/24 16:49	1
m,p-Xylene	ND		1.0	0.39	ug/L			06/08/24 16:49	1
Xylenes, Total	ND		1.0	0.39	ug/L			06/08/24 16:49	1
Methyl-t-Butyl Ether (MTBE)	ND		0.50	0.14	ug/L			06/08/24 16:49	1
1,1,1,2-Tetrachloroethane	ND		0.50	0.20	ug/L			06/08/24 16:49	1
1,1,1-Trichloroethane	ND		0.50	0.20	ug/L			06/08/24 16:49	1
1,1,2,2-Tetrachloroethane	ND		0.50	0.14	ug/L			06/08/24 16:49	1
1,1,2-Trichloroethane	ND		0.50	0.18	ug/L			06/08/24 16:49	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50	0.25	ug/L			06/08/24 16:49	1
1,1-Dichloroethane	ND		0.50	0.21	ug/L			06/08/24 16:49	1
1,1-Dichloroethene	ND		0.50	0.21	ug/L			06/08/24 16:49	1
1,1-Dichloropropene	ND		0.50	0.16	ug/L			06/08/24 16:49	1
1,2,3-Trichlorobenzene	ND		0.50	0.26	ug/L			06/08/24 16:49	1
1,2,3-Trichloropropane	ND		0.50	0.31	ug/L			06/08/24 16:49	1
1,2,4-Trichlorobenzene	ND		0.50	0.26	ug/L			06/08/24 16:49	1
1,2,4-Trimethylbenzene	ND		0.50	0.22	ug/L			06/08/24 16:49	1
1,3,5-Trimethylbenzene	ND		0.50	0.19	ug/L			06/08/24 16:49	1
c-1,2-Dichloroethene	ND		0.50	0.16	ug/L			06/08/24 16:49	1
1,2-Dibromo-3-Chloropropane	ND	*+	1.0	0.84	ug/L			06/08/24 16:49	1
1,2-Dichlorobenzene	ND		0.50	0.14	ug/L			06/08/24 16:49	1
1,2-Dichloroethane	ND		0.50	0.14	ug/L			06/08/24 16:49	1

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Client Sample Results

Client: Stantec Consulting Services Inc
Project/Site: ExxonMobil Gladiola Station/238000257

Job ID: 570-186772-1

Client Sample ID: MW-39
Date Collected: 06/03/24 13:20
Date Received: 06/04/24 13:13

Lab Sample ID: 570-186772-9
Matrix: Water

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichloropropane	ND		0.50	0.14	ug/L			06/08/24 16:49	1
t-1,2-Dichloroethene	ND		0.50	0.22	ug/L			06/08/24 16:49	1
c-1,3-Dichloropropene	ND		0.50	0.15	ug/L			06/08/24 16:49	1
1,3-Dichlorobenzene	ND		0.50	0.16	ug/L			06/08/24 16:49	1
1,3-Dichloropropane	ND		0.50	0.19	ug/L			06/08/24 16:49	1
t-1,3-Dichloropropene	ND		0.50	0.21	ug/L			06/08/24 16:49	1
1,4-Dichlorobenzene	ND		0.50	0.11	ug/L			06/08/24 16:49	1
2,2-Dichloropropane	ND		0.50	0.26	ug/L			06/08/24 16:49	1
2-Chlorotoluene	ND		0.50	0.23	ug/L			06/08/24 16:49	1
4-Chlorotoluene	ND		0.50	0.24	ug/L			06/08/24 16:49	1
4-Methyl-2-pentanone	ND		5.0	1.6	ug/L			06/08/24 16:49	1
Acetone	ND		8.0	3.6	ug/L			06/08/24 16:49	1
Bromobenzene	ND		0.50	0.14	ug/L			06/08/24 16:49	1
Bromochloromethane	ND		1.0	0.27	ug/L			06/08/24 16:49	1
Bromoform	ND	*+	0.50	0.28	ug/L			06/08/24 16:49	1
Bromomethane	ND		2.0	1.9	ug/L			06/08/24 16:49	1
Carbon disulfide	ND		1.0	0.32	ug/L			06/08/24 16:49	1
Carbon tetrachloride	ND		0.50	0.27	ug/L			06/08/24 16:49	1
Chlorobenzene	ND		0.50	0.12	ug/L			06/08/24 16:49	1
Dibromochloromethane	ND		0.50	0.21	ug/L			06/08/24 16:49	1
Chloroethane	ND		0.50	0.38	ug/L			06/08/24 16:49	1
Chloroform	ND		0.50	0.17	ug/L			06/08/24 16:49	1
Chloromethane	ND		1.0	0.65	ug/L			06/08/24 16:49	1
Dibromomethane	ND		0.50	0.16	ug/L			06/08/24 16:49	1
Bromodichloromethane	ND		0.50	0.15	ug/L			06/08/24 16:49	1
Dichlorodifluoromethane	ND		1.0	0.51	ug/L			06/08/24 16:49	1
1,2-Dibromoethane	ND		0.50	0.27	ug/L			06/08/24 16:49	1
Hexachloro-1,3-butadiene	ND		1.0	0.26	ug/L			06/08/24 16:49	1
Isopropylbenzene	ND		0.50	0.21	ug/L			06/08/24 16:49	1
2-Butanone	ND		5.0	2.9	ug/L			06/08/24 16:49	1
Methylene Chloride	ND		1.0	0.40	ug/L			06/08/24 16:49	1
2-Hexanone	ND		6.0	2.0	ug/L			06/08/24 16:49	1
Naphthalene	ND		1.0	0.55	ug/L			06/08/24 16:49	1
n-Butylbenzene	ND		0.50	0.24	ug/L			06/08/24 16:49	1
N-Propylbenzene	ND		0.50	0.18	ug/L			06/08/24 16:49	1
p-Isopropyltoluene	ND		0.50	0.20	ug/L			06/08/24 16:49	1
sec-Butylbenzene	ND		0.50	0.20	ug/L			06/08/24 16:49	1
Styrene	ND		0.50	0.27	ug/L			06/08/24 16:49	1
tert-Butylbenzene	ND		0.50	0.21	ug/L			06/08/24 16:49	1
Tetrachloroethene	ND		0.50	0.16	ug/L			06/08/24 16:49	1
Trichloroethene	ND		0.50	0.15	ug/L			06/08/24 16:49	1
Trichlorofluoromethane	ND		0.50	0.26	ug/L			06/08/24 16:49	1
Vinyl chloride	ND		0.50	0.23	ug/L			06/08/24 16:49	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	112		64 - 132					06/08/24 16:49	1
4-Bromofluorobenzene (Surr)	98		76 - 120					06/08/24 16:49	1
Dibromofluoromethane (Surr)	112		80 - 120					06/08/24 16:49	1
Toluene-d8 (Surr)	103		80 - 120					06/08/24 16:49	1

Client Sample Results

Client: Stantec Consulting Services Inc
Project/Site: ExxonMobil Gladiola Station/238000257

Job ID: 570-186772-1

Client Sample ID: MW-39

Lab Sample ID: 570-186772-9

Date Collected: 06/03/24 13:20

Matrix: Water

Date Received: 06/04/24 13:13

Method: SW846 8270C SIM - PAHs (GC/MS SIM)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		0.20	0.095	ug/L		06/07/24 05:17	06/14/24 14:05	1
Acenaphthylene	ND		0.20	0.068	ug/L		06/07/24 05:17	06/14/24 14:05	1
Anthracene	ND		0.20	0.058	ug/L		06/07/24 05:17	06/14/24 14:05	1
Benzo[a]anthracene	ND		0.20	0.084	ug/L		06/07/24 05:17	06/14/24 14:05	1
Benzo[a]pyrene	ND		0.20	0.061	ug/L		06/07/24 05:17	06/14/24 14:05	1
Benzo[b]fluoranthene	ND		0.20	0.17	ug/L		06/07/24 05:17	06/14/24 14:05	1
Benzo[g,h,i]perylene	ND		0.20	0.099	ug/L		06/07/24 05:17	06/14/24 14:05	1
Benzo[k]fluoranthene	ND		0.20	0.15	ug/L		06/07/24 05:17	06/14/24 14:05	1
Chrysene	ND		0.20	0.058	ug/L		06/07/24 05:17	06/14/24 14:05	1
Dibenz[a,h]anthracene	ND		0.20	0.11	ug/L		06/07/24 05:17	06/14/24 14:05	1
Fluoranthene	ND		0.20	0.14	ug/L		06/07/24 05:17	06/14/24 14:05	1
Fluorene	ND		0.20	0.073	ug/L		06/07/24 05:17	06/14/24 14:05	1
Indeno[1,2,3-cd]pyrene	ND		0.20	0.10	ug/L		06/07/24 05:17	06/14/24 14:05	1
1-Methylnaphthalene	ND		0.20	0.071	ug/L		06/07/24 05:17	06/14/24 14:05	1
2-Methylnaphthalene	ND		0.20	0.075	ug/L		06/07/24 05:17	06/14/24 14:05	1
Naphthalene	ND		0.20	0.15	ug/L		06/07/24 05:17	06/14/24 14:05	1
Phenanthrene	ND		0.20	0.071	ug/L		06/07/24 05:17	06/14/24 14:05	1
Pyrene	ND		0.20	0.065	ug/L		06/07/24 05:17	06/14/24 14:05	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl (Surr)	67		33 - 144	06/07/24 05:17	06/14/24 14:05	1
Nitrobenzene-d5 (Surr)	72		28 - 139	06/07/24 05:17	06/14/24 14:05	1
p-Terphenyl-d14 (Surr)	79		23 - 160	06/07/24 05:17	06/14/24 14:05	1

Method: SW846 9056A - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromide	0.45		0.10	0.041	mg/L			06/05/24 10:58	1

Method: SW846 9056A - Anions, Ion Chromatography - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	130		10	2.4	mg/L			06/05/24 14:37	10

Method: EPA 245.1 - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.000200	0.000124	mg/L		06/05/24 11:03	06/05/24 14:53	1

Method: SW846 6010B - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		0.100	0.0199	mg/L		06/05/24 07:53	06/05/24 20:08	1
Barium	0.0472		0.0100	0.00111	mg/L		06/05/24 07:53	06/05/24 20:08	1
Cadmium	ND		0.0100	0.000620	mg/L		06/05/24 07:53	06/05/24 20:08	1
Chromium	0.00330	J	0.0500	0.00296	mg/L		06/05/24 07:53	06/05/24 20:08	1
Lead	ND		0.0500	0.00527	mg/L		06/05/24 07:53	06/05/24 20:08	1
Selenium	ND		0.0500	0.0162	mg/L		06/05/24 07:53	06/05/24 20:08	1
Silver	ND		0.0100	0.00259	mg/L		06/05/24 07:53	06/05/24 20:08	1

Method: SW846 6020 - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Calcium	91500		100	24.6	ug/L		06/05/24 08:22	06/05/24 16:11	1
Magnesium	24800		100	15.1	ug/L		06/05/24 08:22	06/05/24 16:11	1
Potassium	2540		100	16.6	ug/L		06/05/24 08:22	06/05/24 16:11	1

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Client Sample Results

Client: Stantec Consulting Services Inc
Project/Site: ExxonMobil Gladiola Station/238000257

Job ID: 570-186772-1

Client Sample ID: MW-39

Lab Sample ID: 570-186772-9

Date Collected: 06/03/24 13:20

Matrix: Water

Date Received: 06/04/24 13:13

Method: SW846 6020 - Metals (ICP/MS) - Total Recoverable (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sodium	58200	B	100	13.9	ug/L		06/05/24 08:22	06/05/24 16:11	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity, Total (As CaCO3) (SM 2320B)	147		5.00	2.18	mg/L			06/07/24 16:13	1
Bicarbonate (as CaCO3) (SM 2320B)	147		5.00	2.18	mg/L			06/07/24 16:13	1
Total Dissolved Solids (SM 2540C)	660		10.0	8.70	mg/L			06/05/24 14:02	1
Chloride (SM 4500 Cl- C)	129		10.0	2.98	mg/L			06/07/24 17:44	1

Client Sample ID: MW30

Lab Sample ID: 570-186772-10

Date Collected: 06/03/24 10:45

Matrix: Water

Date Received: 06/04/24 13:13

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.50	0.14	ug/L			06/08/24 17:14	1
Toluene	ND		0.50	0.14	ug/L			06/08/24 17:14	1
Ethylbenzene	ND		0.50	0.16	ug/L			06/08/24 17:14	1
o-Xylene	ND		0.50	0.18	ug/L			06/08/24 17:14	1
m,p-Xylene	ND		1.0	0.39	ug/L			06/08/24 17:14	1
Xylenes, Total	ND		1.0	0.39	ug/L			06/08/24 17:14	1
Methyl-t-Butyl Ether (MTBE)	ND		0.50	0.14	ug/L			06/08/24 17:14	1
1,1,1,2-Tetrachloroethane	ND		0.50	0.20	ug/L			06/08/24 17:14	1
1,1,1-Trichloroethane	ND		0.50	0.20	ug/L			06/08/24 17:14	1
1,1,2,2-Tetrachloroethane	ND		0.50	0.14	ug/L			06/08/24 17:14	1
1,1,2-Trichloroethane	ND		0.50	0.18	ug/L			06/08/24 17:14	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50	0.25	ug/L			06/08/24 17:14	1
1,1-Dichloroethane	ND		0.50	0.21	ug/L			06/08/24 17:14	1
1,1-Dichloroethene	ND		0.50	0.21	ug/L			06/08/24 17:14	1
1,1-Dichloropropene	ND		0.50	0.16	ug/L			06/08/24 17:14	1
1,2,3-Trichlorobenzene	ND		0.50	0.26	ug/L			06/08/24 17:14	1
1,2,3-Trichloropropane	ND		0.50	0.31	ug/L			06/08/24 17:14	1
1,2,4-Trichlorobenzene	ND		0.50	0.26	ug/L			06/08/24 17:14	1
1,2,4-Trimethylbenzene	ND		0.50	0.22	ug/L			06/08/24 17:14	1
1,3,5-Trimethylbenzene	ND		0.50	0.19	ug/L			06/08/24 17:14	1
c-1,2-Dichloroethene	ND		0.50	0.16	ug/L			06/08/24 17:14	1
1,2-Dibromo-3-Chloropropane	ND	++	1.0	0.84	ug/L			06/08/24 17:14	1
1,2-Dichlorobenzene	ND		0.50	0.14	ug/L			06/08/24 17:14	1
1,2-Dichloroethane	ND		0.50	0.14	ug/L			06/08/24 17:14	1
1,2-Dichloropropane	ND		0.50	0.14	ug/L			06/08/24 17:14	1
t-1,2-Dichloroethene	ND		0.50	0.22	ug/L			06/08/24 17:14	1
c-1,3-Dichloropropene	ND		0.50	0.15	ug/L			06/08/24 17:14	1
1,3-Dichlorobenzene	ND		0.50	0.16	ug/L			06/08/24 17:14	1
1,3-Dichloropropane	ND		0.50	0.19	ug/L			06/08/24 17:14	1
t-1,3-Dichloropropene	ND		0.50	0.21	ug/L			06/08/24 17:14	1
1,4-Dichlorobenzene	ND		0.50	0.11	ug/L			06/08/24 17:14	1
2,2-Dichloropropane	ND		0.50	0.26	ug/L			06/08/24 17:14	1
2-Chlorotoluene	ND		0.50	0.23	ug/L			06/08/24 17:14	1
4-Chlorotoluene	ND		0.50	0.24	ug/L			06/08/24 17:14	1

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Client Sample Results

Client: Stantec Consulting Services Inc
Project/Site: ExxonMobil Gladiola Station/238000257

Job ID: 570-186772-1

Client Sample ID: MW30

Lab Sample ID: 570-186772-10

Date Collected: 06/03/24 10:45

Matrix: Water

Date Received: 06/04/24 13:13

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Methyl-2-pentanone	ND		5.0	1.6	ug/L			06/08/24 17:14	1
Acetone	ND		8.0	3.6	ug/L			06/08/24 17:14	1
Bromobenzene	ND		0.50	0.14	ug/L			06/08/24 17:14	1
Bromochloromethane	ND		1.0	0.27	ug/L			06/08/24 17:14	1
Bromoform	ND	*+	0.50	0.28	ug/L			06/08/24 17:14	1
Bromomethane	ND		2.0	1.9	ug/L			06/08/24 17:14	1
Carbon disulfide	ND		1.0	0.32	ug/L			06/08/24 17:14	1
Carbon tetrachloride	ND		0.50	0.27	ug/L			06/08/24 17:14	1
Chlorobenzene	ND		0.50	0.12	ug/L			06/08/24 17:14	1
Dibromochloromethane	ND		0.50	0.21	ug/L			06/08/24 17:14	1
Chloroethane	ND		0.50	0.38	ug/L			06/08/24 17:14	1
Chloroform	ND		0.50	0.17	ug/L			06/08/24 17:14	1
Chloromethane	ND		1.0	0.65	ug/L			06/08/24 17:14	1
Dibromomethane	ND		0.50	0.16	ug/L			06/08/24 17:14	1
Bromodichloromethane	ND		0.50	0.15	ug/L			06/08/24 17:14	1
Dichlorodifluoromethane	ND		1.0	0.51	ug/L			06/08/24 17:14	1
1,2-Dibromoethane	ND		0.50	0.27	ug/L			06/08/24 17:14	1
Hexachloro-1,3-butadiene	ND		1.0	0.26	ug/L			06/08/24 17:14	1
Isopropylbenzene	ND		0.50	0.21	ug/L			06/08/24 17:14	1
2-Butanone	ND		5.0	2.9	ug/L			06/08/24 17:14	1
Methylene Chloride	ND		1.0	0.40	ug/L			06/08/24 17:14	1
2-Hexanone	ND		6.0	2.0	ug/L			06/08/24 17:14	1
Naphthalene	ND		1.0	0.55	ug/L			06/08/24 17:14	1
n-Butylbenzene	ND		0.50	0.24	ug/L			06/08/24 17:14	1
N-Propylbenzene	ND		0.50	0.18	ug/L			06/08/24 17:14	1
p-Isopropyltoluene	ND		0.50	0.20	ug/L			06/08/24 17:14	1
sec-Butylbenzene	ND		0.50	0.20	ug/L			06/08/24 17:14	1
Styrene	ND		0.50	0.27	ug/L			06/08/24 17:14	1
tert-Butylbenzene	ND		0.50	0.21	ug/L			06/08/24 17:14	1
Tetrachloroethene	ND		0.50	0.16	ug/L			06/08/24 17:14	1
Trichloroethene	ND		0.50	0.15	ug/L			06/08/24 17:14	1
Trichlorofluoromethane	ND		0.50	0.26	ug/L			06/08/24 17:14	1
Vinyl chloride	ND		0.50	0.23	ug/L			06/08/24 17:14	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	116		64 - 132		06/08/24 17:14	1
4-Bromofluorobenzene (Surr)	97		76 - 120		06/08/24 17:14	1
Dibromofluoromethane (Surr)	113		80 - 120		06/08/24 17:14	1
Toluene-d8 (Surr)	101		80 - 120		06/08/24 17:14	1

Method: SW846 8270C SIM - PAHs (GC/MS SIM)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		0.19	0.095	ug/L		06/07/24 05:17	06/14/24 14:26	1
Acenaphthylene	ND		0.19	0.067	ug/L		06/07/24 05:17	06/14/24 14:26	1
Anthracene	ND		0.19	0.058	ug/L		06/07/24 05:17	06/14/24 14:26	1
Benzo[a]anthracene	ND		0.19	0.083	ug/L		06/07/24 05:17	06/14/24 14:26	1
Benzo[a]pyrene	ND		0.19	0.061	ug/L		06/07/24 05:17	06/14/24 14:26	1
Benzo[b]fluoranthene	ND		0.19	0.17	ug/L		06/07/24 05:17	06/14/24 14:26	1
Benzo[g,h,i]perylene	ND		0.19	0.098	ug/L		06/07/24 05:17	06/14/24 14:26	1
Benzo[k]fluoranthene	ND		0.19	0.15	ug/L		06/07/24 05:17	06/14/24 14:26	1

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Client Sample Results

Client: Stantec Consulting Services Inc
Project/Site: ExxonMobil Gladiola Station/238000257

Job ID: 570-186772-1

Client Sample ID: MW30

Lab Sample ID: 570-186772-10

Date Collected: 06/03/24 10:45

Matrix: Water

Date Received: 06/04/24 13:13

Method: SW846 8270C SIM - PAHs (GC/MS SIM) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chrysene	ND		0.19	0.058	ug/L		06/07/24 05:17	06/14/24 14:26	1
Dibenz(a,h)anthracene	ND		0.19	0.11	ug/L		06/07/24 05:17	06/14/24 14:26	1
Fluoranthene	ND		0.19	0.14	ug/L		06/07/24 05:17	06/14/24 14:26	1
Fluorene	ND		0.19	0.073	ug/L		06/07/24 05:17	06/14/24 14:26	1
Indeno[1,2,3-cd]pyrene	ND		0.19	0.10	ug/L		06/07/24 05:17	06/14/24 14:26	1
1-Methylnaphthalene	ND		0.19	0.071	ug/L		06/07/24 05:17	06/14/24 14:26	1
2-Methylnaphthalene	ND		0.19	0.075	ug/L		06/07/24 05:17	06/14/24 14:26	1
Naphthalene	ND		0.19	0.14	ug/L		06/07/24 05:17	06/14/24 14:26	1
Phenanthrene	ND		0.19	0.071	ug/L		06/07/24 05:17	06/14/24 14:26	1
Pyrene	ND		0.19	0.064	ug/L		06/07/24 05:17	06/14/24 14:26	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl (Surr)	77		33 - 144	06/07/24 05:17	06/14/24 14:26	1
Nitrobenzene-d5 (Surr)	74		28 - 139	06/07/24 05:17	06/14/24 14:26	1
p-Terphenyl-d14 (Surr)	79		23 - 160	06/07/24 05:17	06/14/24 14:26	1

Method: SW846 9056A - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromide	0.52		0.10	0.041	mg/L			06/05/24 11:14	1

Method: SW846 9056A - Anions, Ion Chromatography - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	99		10	2.4	mg/L			06/05/24 14:54	10

Method: EPA 245.1 - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.000200	0.000124	mg/L		06/05/24 11:03	06/05/24 14:58	1

Method: SW846 6010B - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		0.100	0.0199	mg/L		06/05/24 07:53	06/05/24 20:10	1
Barium	0.0557		0.0100	0.00111	mg/L		06/05/24 07:53	06/05/24 20:10	1
Cadmium	ND		0.0100	0.000620	mg/L		06/05/24 07:53	06/05/24 20:10	1
Chromium	ND		0.0500	0.00296	mg/L		06/05/24 07:53	06/05/24 20:10	1
Lead	ND		0.0500	0.00527	mg/L		06/05/24 07:53	06/05/24 20:10	1
Selenium	ND		0.0500	0.0162	mg/L		06/05/24 07:53	06/05/24 20:10	1
Silver	ND		0.0100	0.00259	mg/L		06/05/24 07:53	06/05/24 20:10	1

Method: SW846 6020 - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Calcium	118000		100	24.6	ug/L		06/05/24 08:22	06/05/24 16:13	1
Magnesium	26000		100	15.1	ug/L		06/05/24 08:22	06/05/24 16:13	1
Potassium	2870		100	16.6	ug/L		06/05/24 08:22	06/05/24 16:13	1
Sodium	96700	B	100	13.9	ug/L		06/05/24 08:22	06/05/24 16:13	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity, Total (As CaCO3) (SM 2320B)	167		5.00	2.18	mg/L			06/07/24 16:20	1
Bicarbonate (as CaCO3) (SM 2320B)	167		5.00	2.18	mg/L			06/07/24 16:20	1
Total Dissolved Solids (SM 2540C)	795		10.0	8.70	mg/L			06/05/24 14:02	1

Eurofins Calscience

Client Sample Results

Client: Stantec Consulting Services Inc
Project/Site: ExxonMobil Gladiola Station/238000257

Job ID: 570-186772-1

Client Sample ID: MW30

Lab Sample ID: 570-186772-10

Date Collected: 06/03/24 10:45

Matrix: Water

Date Received: 06/04/24 13:13

General Chemistry (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride (SM 4500 Cl- C)	204		10.0	2.98	mg/L			06/07/24 17:46	1

Client Sample ID: Trip Blank

Lab Sample ID: 570-186772-11

Date Collected: 06/03/24 15:10

Matrix: Water

Date Received: 06/04/24 13:13

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.50	0.14	ug/L			06/08/24 09:46	1
Toluene	ND		0.50	0.14	ug/L			06/08/24 09:46	1
Ethylbenzene	ND		0.50	0.16	ug/L			06/08/24 09:46	1
o-Xylene	ND		0.50	0.18	ug/L			06/08/24 09:46	1
m,p-Xylene	ND		1.0	0.39	ug/L			06/08/24 09:46	1
Xylenes, Total	ND		1.0	0.39	ug/L			06/08/24 09:46	1
Methyl-t-Butyl Ether (MTBE)	ND		0.50	0.14	ug/L			06/08/24 09:46	1
1,1,1,2-Tetrachloroethane	ND		0.50	0.20	ug/L			06/08/24 09:46	1
1,1,1-Trichloroethane	ND		0.50	0.20	ug/L			06/08/24 09:46	1
1,1,2,2-Tetrachloroethane	ND		0.50	0.14	ug/L			06/08/24 09:46	1
1,1,2-Trichloroethane	ND		0.50	0.18	ug/L			06/08/24 09:46	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50	0.25	ug/L			06/08/24 09:46	1
1,1-Dichloroethane	ND		0.50	0.21	ug/L			06/08/24 09:46	1
1,1-Dichloroethene	ND		0.50	0.21	ug/L			06/08/24 09:46	1
1,1-Dichloropropene	ND		0.50	0.16	ug/L			06/08/24 09:46	1
1,2,3-Trichlorobenzene	ND		0.50	0.26	ug/L			06/08/24 09:46	1
1,2,3-Trichloropropane	ND		0.50	0.31	ug/L			06/08/24 09:46	1
1,2,4-Trichlorobenzene	ND		0.50	0.26	ug/L			06/08/24 09:46	1
1,2,4-Trimethylbenzene	ND		0.50	0.22	ug/L			06/08/24 09:46	1
1,3,5-Trimethylbenzene	ND		0.50	0.19	ug/L			06/08/24 09:46	1
c-1,2-Dichloroethene	ND		0.50	0.16	ug/L			06/08/24 09:46	1
1,2-Dibromo-3-Chloropropane	ND	+	1.0	0.84	ug/L			06/08/24 09:46	1
1,2-Dichlorobenzene	ND		0.50	0.14	ug/L			06/08/24 09:46	1
1,2-Dichloroethane	ND		0.50	0.14	ug/L			06/08/24 09:46	1
1,2-Dichloropropane	ND		0.50	0.14	ug/L			06/08/24 09:46	1
t-1,2-Dichloroethene	ND		0.50	0.22	ug/L			06/08/24 09:46	1
c-1,3-Dichloropropene	ND		0.50	0.15	ug/L			06/08/24 09:46	1
1,3-Dichlorobenzene	ND		0.50	0.16	ug/L			06/08/24 09:46	1
1,3-Dichloropropane	ND		0.50	0.19	ug/L			06/08/24 09:46	1
t-1,3-Dichloropropene	ND		0.50	0.21	ug/L			06/08/24 09:46	1
1,4-Dichlorobenzene	ND		0.50	0.11	ug/L			06/08/24 09:46	1
2,2-Dichloropropane	ND		0.50	0.26	ug/L			06/08/24 09:46	1
2-Chlorotoluene	ND		0.50	0.23	ug/L			06/08/24 09:46	1
4-Chlorotoluene	ND		0.50	0.24	ug/L			06/08/24 09:46	1
4-Methyl-2-pentanone	ND		5.0	1.6	ug/L			06/08/24 09:46	1
Acetone	ND		8.0	3.6	ug/L			06/08/24 09:46	1
Bromobenzene	ND		0.50	0.14	ug/L			06/08/24 09:46	1
Bromochloromethane	ND		1.0	0.27	ug/L			06/08/24 09:46	1
Bromoform	ND	+	0.50	0.28	ug/L			06/08/24 09:46	1
Bromomethane	ND		2.0	1.9	ug/L			06/08/24 09:46	1
Carbon disulfide	ND		1.0	0.32	ug/L			06/08/24 09:46	1
Carbon tetrachloride	ND		0.50	0.27	ug/L			06/08/24 09:46	1

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Client Sample Results

Client: Stantec Consulting Services Inc
Project/Site: ExxonMobil Gladiola Station/238000257

Job ID: 570-186772-1

Client Sample ID: Trip Blank

Lab Sample ID: 570-186772-11

Date Collected: 06/03/24 15:10

Matrix: Water

Date Received: 06/04/24 13:13

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chlorobenzene	ND		0.50	0.12	ug/L			06/08/24 09:46	1
Dibromochloromethane	ND		0.50	0.21	ug/L			06/08/24 09:46	1
Chloroethane	ND		0.50	0.38	ug/L			06/08/24 09:46	1
Chloroform	ND		0.50	0.17	ug/L			06/08/24 09:46	1
Chloromethane	ND		1.0	0.65	ug/L			06/08/24 09:46	1
Dibromomethane	ND		0.50	0.16	ug/L			06/08/24 09:46	1
Bromodichloromethane	ND		0.50	0.15	ug/L			06/08/24 09:46	1
Dichlorodifluoromethane	ND		1.0	0.51	ug/L			06/08/24 09:46	1
1,2-Dibromoethane	ND		0.50	0.27	ug/L			06/08/24 09:46	1
Hexachloro-1,3-butadiene	ND		1.0	0.26	ug/L			06/08/24 09:46	1
Isopropylbenzene	ND		0.50	0.21	ug/L			06/08/24 09:46	1
2-Butanone	ND		5.0	2.9	ug/L			06/08/24 09:46	1
Methylene Chloride	ND		1.0	0.40	ug/L			06/08/24 09:46	1
2-Hexanone	ND		6.0	2.0	ug/L			06/08/24 09:46	1
Naphthalene	ND		1.0	0.55	ug/L			06/08/24 09:46	1
n-Butylbenzene	ND		0.50	0.24	ug/L			06/08/24 09:46	1
N-Propylbenzene	ND		0.50	0.18	ug/L			06/08/24 09:46	1
p-Isopropyltoluene	ND		0.50	0.20	ug/L			06/08/24 09:46	1
sec-Butylbenzene	ND		0.50	0.20	ug/L			06/08/24 09:46	1
Styrene	ND		0.50	0.27	ug/L			06/08/24 09:46	1
tert-Butylbenzene	ND		0.50	0.21	ug/L			06/08/24 09:46	1
Tetrachloroethene	ND		0.50	0.16	ug/L			06/08/24 09:46	1
Trichloroethene	ND		0.50	0.15	ug/L			06/08/24 09:46	1
Trichlorofluoromethane	ND		0.50	0.26	ug/L			06/08/24 09:46	1
Vinyl chloride	ND		0.50	0.23	ug/L			06/08/24 09:46	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	98		64 - 132					06/08/24 09:46	1
4-Bromofluorobenzene (Surr)	95		76 - 120					06/08/24 09:46	1
Dibromofluoromethane (Surr)	105		80 - 120					06/08/24 09:46	1
Toluene-d8 (Surr)	101		80 - 120					06/08/24 09:46	1

Client Sample ID: Trip Blank

Lab Sample ID: 570-186772-12

Date Collected: 06/03/24 15:00

Matrix: Water

Date Received: 06/04/24 13:13

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.50	0.14	ug/L			06/08/24 10:11	1
Toluene	ND		0.50	0.14	ug/L			06/08/24 10:11	1
Ethylbenzene	ND		0.50	0.16	ug/L			06/08/24 10:11	1
o-Xylene	ND		0.50	0.18	ug/L			06/08/24 10:11	1
m,p-Xylene	ND		1.0	0.39	ug/L			06/08/24 10:11	1
Xylenes, Total	ND		1.0	0.39	ug/L			06/08/24 10:11	1
Methyl-t-Butyl Ether (MTBE)	ND		0.50	0.14	ug/L			06/08/24 10:11	1
1,1,1,2-Tetrachloroethane	ND		0.50	0.20	ug/L			06/08/24 10:11	1
1,1,1-Trichloroethane	ND		0.50	0.20	ug/L			06/08/24 10:11	1
1,1,2,2-Tetrachloroethane	ND		0.50	0.14	ug/L			06/08/24 10:11	1
1,1,2-Trichloroethane	ND		0.50	0.18	ug/L			06/08/24 10:11	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50	0.25	ug/L			06/08/24 10:11	1

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Client Sample Results

Client: Stantec Consulting Services Inc
Project/Site: ExxonMobil Gladiola Station/238000257

Job ID: 570-186772-1

Client Sample ID: Trip Blank

Lab Sample ID: 570-186772-12

Date Collected: 06/03/24 15:00

Matrix: Water

Date Received: 06/04/24 13:13

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	ND		0.50	0.21	ug/L			06/08/24 10:11	1
1,1-Dichloroethene	ND		0.50	0.21	ug/L			06/08/24 10:11	1
1,1-Dichloropropene	ND		0.50	0.16	ug/L			06/08/24 10:11	1
1,2,3-Trichlorobenzene	ND		0.50	0.26	ug/L			06/08/24 10:11	1
1,2,3-Trichloropropane	ND		0.50	0.31	ug/L			06/08/24 10:11	1
1,2,4-Trichlorobenzene	ND		0.50	0.26	ug/L			06/08/24 10:11	1
1,2,4-Trimethylbenzene	ND		0.50	0.22	ug/L			06/08/24 10:11	1
1,3,5-Trimethylbenzene	ND		0.50	0.19	ug/L			06/08/24 10:11	1
c-1,2-Dichloroethene	ND		0.50	0.16	ug/L			06/08/24 10:11	1
1,2-Dibromo-3-Chloropropane	ND	*+	1.0	0.84	ug/L			06/08/24 10:11	1
1,2-Dichlorobenzene	ND		0.50	0.14	ug/L			06/08/24 10:11	1
1,2-Dichloroethane	ND		0.50	0.14	ug/L			06/08/24 10:11	1
1,2-Dichloropropane	ND		0.50	0.14	ug/L			06/08/24 10:11	1
t-1,2-Dichloroethene	ND		0.50	0.22	ug/L			06/08/24 10:11	1
c-1,3-Dichloropropene	ND		0.50	0.15	ug/L			06/08/24 10:11	1
1,3-Dichlorobenzene	ND		0.50	0.16	ug/L			06/08/24 10:11	1
1,3-Dichloropropane	ND		0.50	0.19	ug/L			06/08/24 10:11	1
t-1,3-Dichloropropene	ND		0.50	0.21	ug/L			06/08/24 10:11	1
1,4-Dichlorobenzene	ND		0.50	0.11	ug/L			06/08/24 10:11	1
2,2-Dichloropropane	ND		0.50	0.26	ug/L			06/08/24 10:11	1
2-Chlorotoluene	ND		0.50	0.23	ug/L			06/08/24 10:11	1
4-Chlorotoluene	ND		0.50	0.24	ug/L			06/08/24 10:11	1
4-Methyl-2-pentanone	ND		5.0	1.6	ug/L			06/08/24 10:11	1
Acetone	ND		8.0	3.6	ug/L			06/08/24 10:11	1
Bromobenzene	ND		0.50	0.14	ug/L			06/08/24 10:11	1
Bromochloromethane	ND		1.0	0.27	ug/L			06/08/24 10:11	1
Bromoform	ND	*+	0.50	0.28	ug/L			06/08/24 10:11	1
Bromomethane	ND		2.0	1.9	ug/L			06/08/24 10:11	1
Carbon disulfide	ND		1.0	0.32	ug/L			06/08/24 10:11	1
Carbon tetrachloride	ND		0.50	0.27	ug/L			06/08/24 10:11	1
Chlorobenzene	ND		0.50	0.12	ug/L			06/08/24 10:11	1
Dibromochloromethane	ND		0.50	0.21	ug/L			06/08/24 10:11	1
Chloroethane	ND		0.50	0.38	ug/L			06/08/24 10:11	1
Chloroform	ND		0.50	0.17	ug/L			06/08/24 10:11	1
Chloromethane	ND		1.0	0.65	ug/L			06/08/24 10:11	1
Dibromomethane	ND		0.50	0.16	ug/L			06/08/24 10:11	1
Bromodichloromethane	ND		0.50	0.15	ug/L			06/08/24 10:11	1
Dichlorodifluoromethane	ND		1.0	0.51	ug/L			06/08/24 10:11	1
1,2-Dibromoethane	ND		0.50	0.27	ug/L			06/08/24 10:11	1
Hexachloro-1,3-butadiene	ND		1.0	0.26	ug/L			06/08/24 10:11	1
Isopropylbenzene	ND		0.50	0.21	ug/L			06/08/24 10:11	1
2-Butanone	ND		5.0	2.9	ug/L			06/08/24 10:11	1
Methylene Chloride	ND		1.0	0.40	ug/L			06/08/24 10:11	1
2-Hexanone	ND		6.0	2.0	ug/L			06/08/24 10:11	1
Naphthalene	ND		1.0	0.55	ug/L			06/08/24 10:11	1
n-Butylbenzene	ND		0.50	0.24	ug/L			06/08/24 10:11	1
N-Propylbenzene	ND		0.50	0.18	ug/L			06/08/24 10:11	1
p-Isopropyltoluene	ND		0.50	0.20	ug/L			06/08/24 10:11	1
sec-Butylbenzene	ND		0.50	0.20	ug/L			06/08/24 10:11	1

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Client Sample Results

Client: Stantec Consulting Services Inc
Project/Site: ExxonMobil Gladiola Station/238000257

Job ID: 570-186772-1

Client Sample ID: Trip Blank
Date Collected: 06/03/24 15:00
Date Received: 06/04/24 13:13

Lab Sample ID: 570-186772-12
Matrix: Water

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		0.50	0.27	ug/L			06/08/24 10:11	1
tert-Butylbenzene	ND		0.50	0.21	ug/L			06/08/24 10:11	1
Tetrachloroethene	ND		0.50	0.16	ug/L			06/08/24 10:11	1
Trichloroethene	ND		0.50	0.15	ug/L			06/08/24 10:11	1
Trichlorofluoromethane	ND		0.50	0.26	ug/L			06/08/24 10:11	1
Vinyl chloride	ND		0.50	0.23	ug/L			06/08/24 10:11	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	105		64 - 132					06/08/24 10:11	1
4-Bromofluorobenzene (Surr)	97		76 - 120					06/08/24 10:11	1
Dibromofluoromethane (Surr)	107		80 - 120					06/08/24 10:11	1
Toluene-d8 (Surr)	100		80 - 120					06/08/24 10:11	1

Surrogate Summary

Client: Stantec Consulting Services Inc
Project/Site: ExxonMobil Gladiola Station/238000257

Job ID: 570-186772-1

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

Matrix: Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)			
		DCA (64-132)	BFB (76-120)	DBFM (80-120)	TOL (80-120)
570-186772-1	MW31	110	95	111	99
570-186772-2	MW32	112	100	108	103
570-186772-3	MW33	111	99	110	101
570-186772-4	MW34	112	98	111	103
570-186772-5	MW35	112	98	110	101
570-186772-6	MW36	114	97	113	99
570-186772-7	MW37	115	98	113	99
570-186772-8	MW38	115	97	114	100
570-186772-9	MW-39	112	98	112	103
570-186772-10	MW30	116	97	113	101
570-186772-11	Trip Blank	98	95	105	101
570-186772-12	Trip Blank	105	97	107	100
LCS 570-448946/1003	Lab Control Sample	107	98	110	102
LCSD 570-448946/4	Lab Control Sample Dup	103	99	107	102
MB 570-448946/6	Method Blank	110	97	110	99

Surrogate Legend

DCA = 1,2-Dichloroethane-d4 (Surr)
BFB = 4-Bromofluorobenzene (Surr)
DBFM = Dibromofluoromethane (Surr)
TOL = Toluene-d8 (Surr)

Method: 8270C SIM - PAHs (GC/MS SIM)

Matrix: Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)		
		FBP (33-144)	NBZ (28-139)	TPHd14 (23-160)
570-186772-1	MW31	80	78	74
570-186772-2	MW32	68	68	79
570-186772-3	MW33	73	81	78
570-186772-4	MW34	65	63	74
570-186772-5	MW35	75	79	80
570-186772-6	MW36	81	74	80
570-186772-7	MW37	76	59	79
570-186772-8	MW38	83	80	95
570-186772-9	MW-39	67	72	79
570-186772-10	MW30	77	74	79
LCS 570-448515/2-A	Lab Control Sample	73	75	73
LCSD 570-448515/3-A	Lab Control Sample Dup	73	69	62
MB 570-448515/1-A	Method Blank	61	66	60

Surrogate Legend

FBP = 2-Fluorobiphenyl (Surr)
NBZ = Nitrobenzene-d5 (Surr)
TPHd14 = p-Terphenyl-d14 (Surr)

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QC Sample Results

Client: Stantec Consulting Services Inc
Project/Site: ExxonMobil Gladiola Station/238000257

Job ID: 570-186772-1

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

Lab Sample ID: MB 570-448946/6

Matrix: Water

Analysis Batch: 448946

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Benzene	ND		0.50	0.14	ug/L			06/08/24 08:58	1
Toluene	ND		0.50	0.14	ug/L			06/08/24 08:58	1
Ethylbenzene	ND		0.50	0.16	ug/L			06/08/24 08:58	1
o-Xylene	ND		0.50	0.18	ug/L			06/08/24 08:58	1
m,p-Xylene	ND		1.0	0.39	ug/L			06/08/24 08:58	1
Xylenes, Total	ND		1.0	0.39	ug/L			06/08/24 08:58	1
Methyl-t-Butyl Ether (MTBE)	ND		0.50	0.14	ug/L			06/08/24 08:58	1
1,1,1,2-Tetrachloroethane	ND		0.50	0.20	ug/L			06/08/24 08:58	1
1,1,1-Trichloroethane	ND		0.50	0.20	ug/L			06/08/24 08:58	1
1,1,2,2-Tetrachloroethane	ND		0.50	0.14	ug/L			06/08/24 08:58	1
1,1,2-Trichloroethane	ND		0.50	0.18	ug/L			06/08/24 08:58	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50	0.25	ug/L			06/08/24 08:58	1
1,1-Dichloroethane	ND		0.50	0.21	ug/L			06/08/24 08:58	1
1,1-Dichloroethene	ND		0.50	0.21	ug/L			06/08/24 08:58	1
1,1-Dichloropropene	ND		0.50	0.16	ug/L			06/08/24 08:58	1
1,2,3-Trichlorobenzene	ND		0.50	0.26	ug/L			06/08/24 08:58	1
1,2,3-Trichloropropane	ND		0.50	0.31	ug/L			06/08/24 08:58	1
1,2,4-Trichlorobenzene	ND		0.50	0.26	ug/L			06/08/24 08:58	1
1,2,4-Trimethylbenzene	ND		0.50	0.22	ug/L			06/08/24 08:58	1
1,3,5-Trimethylbenzene	ND		0.50	0.19	ug/L			06/08/24 08:58	1
c-1,2-Dichloroethene	ND		0.50	0.16	ug/L			06/08/24 08:58	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.84	ug/L			06/08/24 08:58	1
1,2-Dichlorobenzene	ND		0.50	0.14	ug/L			06/08/24 08:58	1
1,2-Dichloroethane	ND		0.50	0.14	ug/L			06/08/24 08:58	1
1,2-Dichloropropane	ND		0.50	0.14	ug/L			06/08/24 08:58	1
t-1,2-Dichloroethene	ND		0.50	0.22	ug/L			06/08/24 08:58	1
c-1,3-Dichloropropene	ND		0.50	0.15	ug/L			06/08/24 08:58	1
1,3-Dichlorobenzene	ND		0.50	0.16	ug/L			06/08/24 08:58	1
1,3-Dichloropropane	ND		0.50	0.19	ug/L			06/08/24 08:58	1
t-1,3-Dichloropropene	ND		0.50	0.21	ug/L			06/08/24 08:58	1
1,4-Dichlorobenzene	ND		0.50	0.11	ug/L			06/08/24 08:58	1
2,2-Dichloropropane	ND		0.50	0.26	ug/L			06/08/24 08:58	1
2-Chlorotoluene	ND		0.50	0.23	ug/L			06/08/24 08:58	1
4-Chlorotoluene	ND		0.50	0.24	ug/L			06/08/24 08:58	1
4-Methyl-2-pentanone	ND		5.0	1.6	ug/L			06/08/24 08:58	1
Acetone	ND		8.0	3.6	ug/L			06/08/24 08:58	1
Bromobenzene	ND		0.50	0.14	ug/L			06/08/24 08:58	1
Bromochloromethane	ND		1.0	0.27	ug/L			06/08/24 08:58	1
Bromoform	ND		0.50	0.28	ug/L			06/08/24 08:58	1
Bromomethane	ND		2.0	1.9	ug/L			06/08/24 08:58	1
Carbon disulfide	ND		1.0	0.32	ug/L			06/08/24 08:58	1
Carbon tetrachloride	ND		0.50	0.27	ug/L			06/08/24 08:58	1
Chlorobenzene	ND		0.50	0.12	ug/L			06/08/24 08:58	1
Dibromochloromethane	ND		0.50	0.21	ug/L			06/08/24 08:58	1
Chloroethane	ND		0.50	0.38	ug/L			06/08/24 08:58	1
Chloroform	ND		0.50	0.17	ug/L			06/08/24 08:58	1
Chloromethane	ND		1.0	0.65	ug/L			06/08/24 08:58	1
Dibromomethane	ND		0.50	0.16	ug/L			06/08/24 08:58	1

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QC Sample Results

Client: Stantec Consulting Services Inc
Project/Site: ExxonMobil Gladiola Station/238000257

Job ID: 570-186772-1

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

Lab Sample ID: MB 570-448946/6
Matrix: Water
Analysis Batch: 448946

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

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Bromodichloromethane	ND		0.50	0.15	ug/L			06/08/24 08:58	1
Dichlorodifluoromethane	ND		1.0	0.51	ug/L			06/08/24 08:58	1
1,2-Dibromoethane	ND		0.50	0.27	ug/L			06/08/24 08:58	1
Hexachloro-1,3-butadiene	ND		1.0	0.26	ug/L			06/08/24 08:58	1
Isopropylbenzene	ND		0.50	0.21	ug/L			06/08/24 08:58	1
2-Butanone	ND		5.0	2.9	ug/L			06/08/24 08:58	1
Methylene Chloride	ND		1.0	0.40	ug/L			06/08/24 08:58	1
2-Hexanone	ND		6.0	2.0	ug/L			06/08/24 08:58	1
Naphthalene	ND		1.0	0.55	ug/L			06/08/24 08:58	1
n-Butylbenzene	ND		0.50	0.24	ug/L			06/08/24 08:58	1
N-Propylbenzene	ND		0.50	0.18	ug/L			06/08/24 08:58	1
p-Isopropyltoluene	ND		0.50	0.20	ug/L			06/08/24 08:58	1
sec-Butylbenzene	ND		0.50	0.20	ug/L			06/08/24 08:58	1
Styrene	ND		0.50	0.27	ug/L			06/08/24 08:58	1
tert-Butylbenzene	ND		0.50	0.21	ug/L			06/08/24 08:58	1
Tetrachloroethene	ND		0.50	0.16	ug/L			06/08/24 08:58	1
Trichloroethene	ND		0.50	0.15	ug/L			06/08/24 08:58	1
Trichlorofluoromethane	ND		0.50	0.26	ug/L			06/08/24 08:58	1
Vinyl chloride	ND		0.50	0.23	ug/L			06/08/24 08:58	1
Surrogate	MB	MB	Limits				Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier							
1,2-Dichloroethane-d4 (Surr)	110		64 - 132					06/08/24 08:58	1
4-Bromofluorobenzene (Surr)	97		76 - 120					06/08/24 08:58	1
Dibromofluoromethane (Surr)	110		80 - 120					06/08/24 08:58	1
Toluene-d8 (Surr)	99		80 - 120					06/08/24 08:58	1

Lab Sample ID: LCS 570-448946/1003
Matrix: Water
Analysis Batch: 448946

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	10.0	10.52		ug/L		105	80 - 120
Toluene	10.0	10.52		ug/L		105	80 - 120
Ethylbenzene	10.0	9.988		ug/L		100	80 - 126
o-Xylene	10.0	10.24		ug/L		102	80 - 124
m,p-Xylene	20.0	20.26		ug/L		101	80 - 123
Methyl-t-Butyl Ether (MTBE)	10.0	10.02		ug/L		100	69 - 128
1,1-Dichloroethene	10.0	9.967		ug/L		100	80 - 126
1,2-Dichlorobenzene	10.0	9.824		ug/L		98	80 - 120
1,2-Dichloroethane	10.0	10.14		ug/L		101	76 - 130
Carbon tetrachloride	10.0	12.67		ug/L		127	61 - 139
Chlorobenzene	10.0	9.914		ug/L		99	80 - 120
1,2-Dibromoethane	10.0	10.04		ug/L		100	80 - 125
Hexachloro-1,3-butadiene	10.0	10.38		ug/L		104	80 - 123
Trichloroethene	10.0	10.09		ug/L		101	77 - 124
Vinyl chloride	10.0	10.88		ug/L		109	50 - 160

QC Sample Results

Client: Stantec Consulting Services Inc
Project/Site: ExxonMobil Gladiola Station/238000257

Job ID: 570-186772-1

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

Lab Sample ID: LCS 570-448946/1003

Matrix: Water

Analysis Batch: 448946

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	107		64 - 132
4-Bromofluorobenzene (Surr)	98		76 - 120
Dibromofluoromethane (Surr)	110		80 - 120
Toluene-d8 (Surr)	102		80 - 120

Lab Sample ID: LCSD 570-448946/4

Matrix: Water

Analysis Batch: 448946

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	10.0	10.19		ug/L		102	80 - 120	3	20
Toluene	10.0	9.907		ug/L		99	80 - 120	6	20
Ethylbenzene	10.0	9.559		ug/L		96	80 - 126	4	20
o-Xylene	10.0	9.672		ug/L		97	80 - 124	6	20
m,p-Xylene	20.0	19.14		ug/L		96	80 - 123	6	20
Methyl-t-Butyl Ether (MTBE)	10.0	9.636		ug/L		96	69 - 128	4	20
1,1-Dichloroethene	10.0	9.186		ug/L		92	80 - 126	8	21
1,2-Dichlorobenzene	10.0	9.841		ug/L		98	80 - 120	0	20
1,2-Dichloroethane	10.0	9.915		ug/L		99	76 - 130	2	20
Carbon tetrachloride	10.0	11.75		ug/L		118	61 - 139	8	20
Chlorobenzene	10.0	9.614		ug/L		96	80 - 120	3	20
1,2-Dibromoethane	10.0	9.900		ug/L		99	80 - 125	1	20
Hexachloro-1,3-butadiene	10.0	9.890		ug/L		99	80 - 123	5	20
Trichloroethene	10.0	9.793		ug/L		98	77 - 124	3	20
Vinyl chloride	10.0	10.19		ug/L		102	50 - 160	7	20

	LCSD	LCSD	
Surrogate	%Recovery	Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	103		64 - 132
4-Bromofluorobenzene (Surr)	99		76 - 120
Dibromofluoromethane (Surr)	107		80 - 120
Toluene-d8 (Surr)	102		80 - 120

Method: 8270C SIM - PAHs (GC/MS SIM)

Lab Sample ID: MB 570-448515/1-A

Matrix: Water

Analysis Batch: 450561

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 448515

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		0.20	0.097	ug/L		06/07/24 05:17	06/13/24 15:58	1
Acenaphthylene	ND		0.20	0.069	ug/L		06/07/24 05:17	06/13/24 15:58	1
Anthracene	ND		0.20	0.059	ug/L		06/07/24 05:17	06/13/24 15:58	1
Benzo[a]anthracene	ND		0.20	0.086	ug/L		06/07/24 05:17	06/13/24 15:58	1
Benzo[a]pyrene	ND		0.20	0.062	ug/L		06/07/24 05:17	06/13/24 15:58	1
Benzo[b]fluoranthene	ND		0.20	0.18	ug/L		06/07/24 05:17	06/13/24 15:58	1
Benzo[g,h,i]perylene	ND		0.20	0.10	ug/L		06/07/24 05:17	06/13/24 15:58	1
Benzo[k]fluoranthene	ND		0.20	0.15	ug/L		06/07/24 05:17	06/13/24 15:58	1
Chrysene	ND		0.20	0.059	ug/L		06/07/24 05:17	06/13/24 15:58	1

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QC Sample Results

Client: Stantec Consulting Services Inc
Project/Site: ExxonMobil Gladiola Station/238000257

Job ID: 570-186772-1

Method: 8270C SIM - PAHs (GC/MS SIM) (Continued)

Lab Sample ID: MB 570-448515/1-A							Client Sample ID: Method Blank		
Matrix: Water							Prep Type: Total/NA		
Analysis Batch: 450561							Prep Batch: 448515		
Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenz(a,h)anthracene	ND		0.20	0.11	ug/L		06/07/24 05:17	06/13/24 15:58	1
Fluoranthene	ND		0.20	0.14	ug/L		06/07/24 05:17	06/13/24 15:58	1
Fluorene	ND		0.20	0.075	ug/L		06/07/24 05:17	06/13/24 15:58	1
Indeno[1,2,3-cd]pyrene	ND		0.20	0.11	ug/L		06/07/24 05:17	06/13/24 15:58	1
1-Methylnaphthalene	ND		0.20	0.073	ug/L		06/07/24 05:17	06/13/24 15:58	1
2-Methylnaphthalene	ND		0.20	0.077	ug/L		06/07/24 05:17	06/13/24 15:58	1
Naphthalene	ND		0.20	0.15	ug/L		06/07/24 05:17	06/13/24 15:58	1
Phenanthrene	ND		0.20	0.073	ug/L		06/07/24 05:17	06/13/24 15:58	1
Pyrene	ND		0.20	0.066	ug/L		06/07/24 05:17	06/13/24 15:58	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl (Surr)	61		33 - 144				06/07/24 05:17	06/13/24 15:58	1
Nitrobenzene-d5 (Surr)	66		28 - 139				06/07/24 05:17	06/13/24 15:58	1
p-Terphenyl-d14 (Surr)	60		23 - 160				06/07/24 05:17	06/13/24 15:58	1

Lab Sample ID: LCS 570-448515/2-A					Client Sample ID: Lab Control Sample				
Matrix: Water					Prep Type: Total/NA				
Analysis Batch: 450561					Prep Batch: 448515				
Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec		
							Limits		
Acenaphthene	10.0	7.789		ug/L		78	55	121	
Acenaphthylene	10.0	8.398		ug/L		84	33	145	
Anthracene	10.0	9.389		ug/L		94	27	133	
Benzo[a]anthracene	10.0	7.223		ug/L		72	33	143	
Benzo[a]pyrene	10.0	6.335		ug/L		63	17	163	
Benzo[b]fluoranthene	10.0	5.733		ug/L		57	24	159	
Benzo[g,h,i]perylene	10.0	7.298		ug/L		73	25	157	
Benzo[k]fluoranthene	10.0	6.601		ug/L		66	24	159	
Chrysene	10.0	8.068		ug/L		81	17	168	
Dibenz(a,h)anthracene	10.0	7.337		ug/L		73	25	175	
Fluoranthene	10.0	8.617		ug/L		86	26	137	
Fluorene	10.0	7.556		ug/L		76	59	121	
Indeno[1,2,3-cd]pyrene	10.0	7.178		ug/L		72	25	175	
1-Methylnaphthalene	10.0	8.230		ug/L		82	20	140	
2-Methylnaphthalene	10.0	7.896		ug/L		79	21	140	
Naphthalene	10.0	7.560		ug/L		76	21	133	
Phenanthrene	10.0	8.605		ug/L		86	54	120	
Pyrene	10.0	8.436		ug/L		84	45	129	
	LCS	LCS							
Surrogate	%Recovery	Qualifier	Limits						
2-Fluorobiphenyl (Surr)	73		33 - 144						
Nitrobenzene-d5 (Surr)	75		28 - 139						
p-Terphenyl-d14 (Surr)	73		23 - 160						

QC Sample Results

Client: Stantec Consulting Services Inc
Project/Site: ExxonMobil Gladiola Station/238000257

Job ID: 570-186772-1

Method: 8270C SIM - PAHs (GC/MS SIM) (Continued)

Lab Sample ID: LCSD 570-448515/3-A
Matrix: Water
Analysis Batch: 450561

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 448515

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec		RPD	Limit
							Limits			
Acenaphthene	10.0	7.616		ug/L		76	55 - 121		2	25
Acenaphthylene	10.0	8.136		ug/L		81	33 - 145		3	25
Anthracene	10.0	8.670		ug/L		87	27 - 133		8	25
Benzo[a]anthracene	10.0	6.864		ug/L		69	33 - 143		5	25
Benzo[a]pyrene	10.0	6.074		ug/L		61	17 - 163		4	25
Benzo[b]fluoranthene	10.0	5.698		ug/L		57	24 - 159		1	25
Benzo[g,h,i]perylene	10.0	6.757		ug/L		68	25 - 157		8	25
Benzo[k]fluoranthene	10.0	6.646		ug/L		66	24 - 159		1	25
Chrysene	10.0	7.916		ug/L		79	17 - 168		2	25
Dibenz(a,h)anthracene	10.0	6.871		ug/L		69	25 - 175		7	25
Fluoranthene	10.0	7.907		ug/L		79	26 - 137		9	25
Fluorene	10.0	7.616		ug/L		76	59 - 121		1	25
Indeno[1,2,3-cd]pyrene	10.0	6.497		ug/L		65	25 - 175		10	25
1-Methylnaphthalene	10.0	7.492		ug/L		75	20 - 140		9	25
2-Methylnaphthalene	10.0	7.051		ug/L		71	21 - 140		11	25
Naphthalene	10.0	7.286		ug/L		73	21 - 133		4	25
Phenanthrene	10.0	7.817		ug/L		78	54 - 120		10	25
Pyrene	10.0	6.937		ug/L		69	45 - 129		20	25

Surrogate	LCSD		Limits
	%Recovery	Qualifier	
2-Fluorobiphenyl (Surr)	73		33 - 144
Nitrobenzene-d5 (Surr)	69		28 - 139
p-Terphenyl-d14 (Surr)	62		23 - 160

Method: 9056A - Anions, Ion Chromatography

Lab Sample ID: MB 570-447658/5
Matrix: Water
Analysis Batch: 447658

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

Analyte	MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Bromide	ND		0.10	0.041	mg/L			06/05/24 07:23	1
Sulfate	ND		1.0	0.24	mg/L			06/05/24 07:23	1

Lab Sample ID: LCS 570-447658/6
Matrix: Water
Analysis Batch: 447658

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec	
							Limits	
Bromide	5.00	4.946		mg/L		99	80 - 120	
Sulfate	50.0	50.72		mg/L		101	80 - 120	

Lab Sample ID: LCSD 570-447658/7
Matrix: Water
Analysis Batch: 447658

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

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec		RPD	Limit
							Limits			
Bromide	5.00	5.105		mg/L		102	80 - 120		3	15
Sulfate	50.0	50.50		mg/L		101	80 - 120		0	15

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QC Sample Results

Client: Stantec Consulting Services Inc
Project/Site: ExxonMobil Gladiola Station/238000257

Job ID: 570-186772-1

Method: 9056A - Anions, Ion Chromatography

Lab Sample ID: 570-186772-2 MS

Matrix: Water

Analysis Batch: 447658

Client Sample ID: MW32

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Bromide	0.68		5.00	5.856		mg/L		103	80 - 120
Sulfate	29		50.0	86.01		mg/L		114	80 - 120

Lab Sample ID: 570-186772-2 MSD

Matrix: Water

Analysis Batch: 447658

Client Sample ID: MW32

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Bromide	0.68		5.00	5.758		mg/L		101	80 - 120	2	15
Sulfate	29		50.0	85.52		mg/L		113	80 - 120	1	15

Method: 245.1 - Mercury (CVAA)

Lab Sample ID: MB 570-447771/1-A

Matrix: Water

Analysis Batch: 447908

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 447771

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.000200	0.000124	mg/L		06/05/24 11:03	06/05/24 14:23	1

Lab Sample ID: LCS 570-447771/2-A

Matrix: Water

Analysis Batch: 447908

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 447771

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.00800	0.007298		mg/L		91	85 - 115

Lab Sample ID: LCSD 570-447771/3-A

Matrix: Water

Analysis Batch: 447908

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 447771

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury	0.00800	0.007339		mg/L		92	85 - 115	1	10

Lab Sample ID: 570-186772-2 MS

Matrix: Water

Analysis Batch: 447908

Client Sample ID: MW32

Prep Type: Total/NA

Prep Batch: 447771

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	ND	F1	0.00800	0.006791		mg/L		85	85 - 115

Lab Sample ID: 570-186772-2 MSD

Matrix: Water

Analysis Batch: 447908

Client Sample ID: MW32

Prep Type: Total/NA

Prep Batch: 447771

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury	ND	F1	0.00800	0.006736	F1	mg/L		84	85 - 115	1	10

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QC Sample Results

Client: Stantec Consulting Services Inc
Project/Site: ExxonMobil Gladiola Station/238000257

Job ID: 570-186772-1

Method: 6010B - Metals (ICP)

Lab Sample ID: 570-186687-B-1-B MS

Matrix: Water

Analysis Batch: 448046

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 447681

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Arsenic	ND		0.500	0.5358		mg/L		107	80 - 140
Barium	0.112		0.500	0.6098		mg/L		100	87 - 123
Cadmium	0.00120	J	0.500	0.4942		mg/L		99	82 - 124
Chromium	ND		0.500	0.5078		mg/L		102	86 - 122
Lead	0.103		0.500	0.5976		mg/L		99	84 - 120
Selenium	ND		0.500	0.4944		mg/L		99	79 - 127
Silver	ND		0.250	0.2534		mg/L		101	86 - 128

Lab Sample ID: 570-186687-B-1-C MSD

Matrix: Water

Analysis Batch: 448046

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 447681

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Arsenic	ND		0.500	0.5179		mg/L		104	80 - 140	3	11
Barium	0.112		0.500	0.5983		mg/L		97	87 - 123	2	6
Cadmium	0.00120	J	0.500	0.4855		mg/L		97	82 - 124	2	7
Chromium	ND		0.500	0.4991		mg/L		100	86 - 122	2	8
Lead	0.103		0.500	0.5850		mg/L		96	84 - 120	2	7
Selenium	ND		0.500	0.4869		mg/L		97	79 - 127	2	9
Silver	ND		0.250	0.2491		mg/L		100	86 - 128	2	7

Lab Sample ID: MB 570-447681/1-A

Matrix: Water

Analysis Batch: 448046

Client Sample ID: Method Blank

Prep Type: Total Recoverable

Prep Batch: 447681

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		0.100	0.0199	mg/L		06/05/24 07:53	06/05/24 19:08	1
Barium	ND		0.0100	0.00111	mg/L		06/05/24 07:53	06/05/24 19:08	1
Cadmium	ND		0.0100	0.000620	mg/L		06/05/24 07:53	06/05/24 19:08	1
Chromium	ND		0.0500	0.00296	mg/L		06/05/24 07:53	06/05/24 19:08	1
Lead	ND		0.0500	0.00527	mg/L		06/05/24 07:53	06/05/24 19:08	1
Selenium	ND		0.0500	0.0162	mg/L		06/05/24 07:53	06/05/24 19:08	1
Silver	ND		0.0100	0.00259	mg/L		06/05/24 07:53	06/05/24 19:08	1

Lab Sample ID: LCS 570-447681/2-A

Matrix: Water

Analysis Batch: 448046

Client Sample ID: Lab Control Sample

Prep Type: Total Recoverable

Prep Batch: 447681

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Arsenic	0.500	0.4978		mg/L		100	80 - 120
Barium	0.500	0.5025		mg/L		101	80 - 120
Cadmium	0.500	0.5023		mg/L		100	80 - 120
Chromium	0.500	0.5053		mg/L		101	80 - 120
Lead	0.500	0.5060		mg/L		101	80 - 120
Selenium	0.500	0.4834		mg/L		97	80 - 120
Silver	0.250	0.2490		mg/L		100	80 - 120

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QC Sample Results

Client: Stantec Consulting Services Inc
Project/Site: ExxonMobil Gladiola Station/238000257

Job ID: 570-186772-1

Method: 6010B - Metals (ICP) (Continued)

Lab Sample ID: LCSD 570-447681/3-A

Matrix: Water

Analysis Batch: 448046

Client Sample ID: Lab Control Sample Dup

Prep Type: Total Recoverable

Prep Batch: 447681

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec		RPD	Limit
							Limits			
Arsenic	0.500	0.5067		mg/L		101	80 - 120		2	20
Barium	0.500	0.5036		mg/L		101	80 - 120		0	20
Cadmium	0.500	0.5030		mg/L		101	80 - 120		0	20
Chromium	0.500	0.5073		mg/L		101	80 - 120		0	20
Lead	0.500	0.5071		mg/L		101	80 - 120		0	20
Selenium	0.500	0.4843		mg/L		97	80 - 120		0	20
Silver	0.250	0.2501		mg/L		100	80 - 120		0	20

Method: 6020 - Metals (ICP/MS)

Lab Sample ID: MB 570-447698/1-A

Matrix: Water

Analysis Batch: 447960

Client Sample ID: Method Blank

Prep Type: Total Recoverable

Prep Batch: 447698

Analyte	MB MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Calcium	ND		100	24.6	ug/L		06/05/24 08:22	06/05/24 14:52	1
Magnesium	ND		100	15.1	ug/L		06/05/24 08:22	06/05/24 14:52	1
Potassium	ND		100	16.6	ug/L		06/05/24 08:22	06/05/24 14:52	1
Sodium	15.49	J	100	13.9	ug/L		06/05/24 08:22	06/05/24 14:52	1

Lab Sample ID: LCS 570-447698/2-A

Matrix: Water

Analysis Batch: 447960

Client Sample ID: Lab Control Sample

Prep Type: Total Recoverable

Prep Batch: 447698

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec		RPD	Limit
							Limits			
Calcium	4000	4196		ug/L		105	80 - 120			
Magnesium	2000	2075		ug/L		104	80 - 120			
Potassium	2000	2078		ug/L		104	80 - 120			
Sodium	2000	2113		ug/L		106	80 - 120			

Lab Sample ID: LCSD 570-447698/3-A

Matrix: Water

Analysis Batch: 447960

Client Sample ID: Lab Control Sample Dup

Prep Type: Total Recoverable

Prep Batch: 447698

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec		RPD	Limit
							Limits			
Calcium	4000	4154		ug/L		104	80 - 120		1	20
Magnesium	2000	2063		ug/L		103	80 - 120		1	20
Potassium	2000	2052		ug/L		103	80 - 120		1	20
Sodium	2000	2078		ug/L		104	80 - 120		2	20

Lab Sample ID: 570-186772-1 MS

Matrix: Water

Analysis Batch: 447960

Client Sample ID: MW31

Prep Type: Total Recoverable

Prep Batch: 447698

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec		RPD	Limit
									Limits			
Calcium	119000		4000	123500	4	ug/L		100	80 - 120			
Magnesium	40100		2000	41640	4	ug/L		79	63 - 123			
Potassium	2890		2000	4835		ug/L		97	80 - 120			
Sodium	76900	B	2000	78520	4	ug/L		78	80 - 120			

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QC Sample Results

Client: Stantec Consulting Services Inc
Project/Site: ExxonMobil Gladiola Station/238000257

Job ID: 570-186772-1

Method: 6020 - Metals (ICP/MS) (Continued)

Lab Sample ID: 570-186772-1 MSD

Matrix: Water

Analysis Batch: 447960

Client Sample ID: MW31

Prep Type: Total Recoverable

Prep Batch: 447698

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec	RPD	Limit
	Result	Qualifier	Added	Result	Qualifier				Limits		
Calcium	119000		4000	126600	4	ug/L		178	80 - 120	2	20
Magnesium	40100		2000	42610	4	ug/L		127	63 - 123	2	32
Potassium	2890		2000	4973		ug/L		104	80 - 120	3	20
Sodium	76900	B	2000	80270	4	ug/L		166	80 - 120	2	20

Method: SM 2320B - Alkalinity

Lab Sample ID: MB 570-449292/10

Matrix: Water

Analysis Batch: 449292

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Alkalinity, Total (As CaCO3)	ND		5.00	2.18	mg/L			06/07/24 13:49	1
Bicarbonate (as CaCO3)	ND		5.00	2.18	mg/L			06/07/24 13:49	1

Lab Sample ID: LCS 570-449292/8

Matrix: Water

Analysis Batch: 449292

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike	Added	LCS	LCS	Unit	D	%Rec	%Rec	RPD	Limit
			Result	Qualifier				Limits		
Alkalinity, Total (As CaCO3)		106	108.0		mg/L		102	78 - 110		

Lab Sample ID: LCSD 570-449292/9

Matrix: Water

Analysis Batch: 449292

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike	Added	LCSD	LCSD	Unit	D	%Rec	%Rec	RPD	Limit
			Result	Qualifier				Limits		
Alkalinity, Total (As CaCO3)		106	97.38		mg/L		92	78 - 110	10	10

Lab Sample ID: 570-186739-B-1 DU

Matrix: Water

Analysis Batch: 449292

Client Sample ID: Duplicate

Prep Type: Total/NA

Analyte	Sample	Sample	DU	DU	Unit	D	RPD	Limit
	Result	Qualifier		Qualifier				
Alkalinity, Total (As CaCO3)	120		120.8		mg/L		0.5	25
Bicarbonate (as CaCO3)	120		120.8		mg/L		0.5	25

Method: SM 2540C - Solids, Total Dissolved (TDS)

Lab Sample ID: MB 570-447866/1

Matrix: Water

Analysis Batch: 447866

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Total Dissolved Solids	ND		10.0	8.70	mg/L			06/05/24 14:02	1

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QC Sample Results

Client: Stantec Consulting Services Inc
Project/Site: ExxonMobil Gladiola Station/238000257

Job ID: 570-186772-1

Method: SM 2540C - Solids, Total Dissolved (TDS) (Continued)

Lab Sample ID: LCS 570-447866/2

Matrix: Water

Analysis Batch: 447866

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Dissolved Solids	1000	920.0		mg/L		92	84 - 108

Lab Sample ID: LCSD 570-447866/3

Matrix: Water

Analysis Batch: 447866

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Total Dissolved Solids	1000	916.0		mg/L		92	84 - 108	0	10

Lab Sample ID: 570-186801-H-1 DU

Matrix: Water

Analysis Batch: 447866

Client Sample ID: Duplicate

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Dissolved Solids	34300		33120		mg/L		4	10

Lab Sample ID: 570-186801-H-2 DU

Matrix: Water

Analysis Batch: 447866

Client Sample ID: Duplicate

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Dissolved Solids	28100		28460		mg/L		1	10

Method: SM 4500 Cl- C - Chloride, Total

Lab Sample ID: MB 570-448816/1

Matrix: Water

Analysis Batch: 448816

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		2.00	0.596	mg/L			06/07/24 16:50	1

Lab Sample ID: LCS 570-448816/2

Matrix: Water

Analysis Batch: 448816

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	100	101.2		mg/L		101	80 - 120

Lab Sample ID: LCSD 570-448816/3

Matrix: Water

Analysis Batch: 448816

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	100	100.6		mg/L		101	80 - 120	1	10

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QC Sample Results

Client: Stantec Consulting Services Inc
Project/Site: ExxonMobil Gladiola Station/238000257

Job ID: 570-186772-1

Method: SM 4500 Cl- C - Chloride, Total (Continued)

Lab Sample ID: 570-186772-1 MS

Matrix: Water

Analysis Batch: 448816

Client Sample ID: MW31

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	107		250	358.4		mg/L		100	75 - 125

Lab Sample ID: 570-186772-1 MSD

Matrix: Water

Analysis Batch: 448816

Client Sample ID: MW31

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	107		250	356.7		mg/L		100	75 - 125	0	15

Lab Sample ID: 570-186772-1 DU

Matrix: Water

Analysis Batch: 448816

Client Sample ID: MW31

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Chloride	107		105.2		mg/L		2	15

QC Association Summary

Client: Stantec Consulting Services Inc
Project/Site: ExxonMobil Gladiola Station/238000257

Job ID: 570-186772-1

GC/MS VOA

Analysis Batch: 448946

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-186772-1	MW31	Total/NA	Water	8260B	
570-186772-2	MW32	Total/NA	Water	8260B	
570-186772-3	MW33	Total/NA	Water	8260B	
570-186772-4	MW34	Total/NA	Water	8260B	
570-186772-5	MW35	Total/NA	Water	8260B	
570-186772-6	MW36	Total/NA	Water	8260B	
570-186772-7	MW37	Total/NA	Water	8260B	
570-186772-8	MW38	Total/NA	Water	8260B	
570-186772-9	MW-39	Total/NA	Water	8260B	
570-186772-10	MW30	Total/NA	Water	8260B	
570-186772-11	Trip Blank	Total/NA	Water	8260B	
570-186772-12	Trip Blank	Total/NA	Water	8260B	
MB 570-448946/6	Method Blank	Total/NA	Water	8260B	
LCS 570-448946/1003	Lab Control Sample	Total/NA	Water	8260B	
LCSD 570-448946/4	Lab Control Sample Dup	Total/NA	Water	8260B	

GC/MS Semi VOA

Prep Batch: 448515

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-186772-1	MW31	Total/NA	Water	3510C	
570-186772-2	MW32	Total/NA	Water	3510C	
570-186772-3	MW33	Total/NA	Water	3510C	
570-186772-4	MW34	Total/NA	Water	3510C	
570-186772-5	MW35	Total/NA	Water	3510C	
570-186772-6	MW36	Total/NA	Water	3510C	
570-186772-7	MW37	Total/NA	Water	3510C	
570-186772-8	MW38	Total/NA	Water	3510C	
570-186772-9	MW-39	Total/NA	Water	3510C	
570-186772-10	MW30	Total/NA	Water	3510C	
MB 570-448515/1-A	Method Blank	Total/NA	Water	3510C	
LCS 570-448515/2-A	Lab Control Sample	Total/NA	Water	3510C	
LCSD 570-448515/3-A	Lab Control Sample Dup	Total/NA	Water	3510C	

Analysis Batch: 450561

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 570-448515/1-A	Method Blank	Total/NA	Water	8270C SIM	448515
LCS 570-448515/2-A	Lab Control Sample	Total/NA	Water	8270C SIM	448515
LCSD 570-448515/3-A	Lab Control Sample Dup	Total/NA	Water	8270C SIM	448515

Analysis Batch: 450823

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-186772-1	MW31	Total/NA	Water	8270C SIM	448515
570-186772-2	MW32	Total/NA	Water	8270C SIM	448515
570-186772-3	MW33	Total/NA	Water	8270C SIM	448515
570-186772-4	MW34	Total/NA	Water	8270C SIM	448515
570-186772-5	MW35	Total/NA	Water	8270C SIM	448515
570-186772-6	MW36	Total/NA	Water	8270C SIM	448515
570-186772-7	MW37	Total/NA	Water	8270C SIM	448515
570-186772-8	MW38	Total/NA	Water	8270C SIM	448515

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QC Association Summary

Client: Stantec Consulting Services Inc
Project/Site: ExxonMobil Gladiola Station/238000257

Job ID: 570-186772-1

GC/MS Semi VOA

Analysis Batch: 451028

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-186772-9	MW-39	Total/NA	Water	8270C SIM	448515
570-186772-10	MW30	Total/NA	Water	8270C SIM	448515

HPLC/IC

Analysis Batch: 447658

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-186772-1	MW31	Total/NA	Water	9056A	
570-186772-1 - DL	MW31	Total/NA	Water	9056A	
570-186772-2	MW32	Total/NA	Water	9056A	
570-186772-3	MW33	Total/NA	Water	9056A	
570-186772-3 - DL	MW33	Total/NA	Water	9056A	
570-186772-4	MW34	Total/NA	Water	9056A	
570-186772-4 - DL	MW34	Total/NA	Water	9056A	
570-186772-5	MW35	Total/NA	Water	9056A	
570-186772-5 - DL	MW35	Total/NA	Water	9056A	
570-186772-6	MW36	Total/NA	Water	9056A	
570-186772-6 - DL	MW36	Total/NA	Water	9056A	
570-186772-7	MW37	Total/NA	Water	9056A	
570-186772-7 - DL	MW37	Total/NA	Water	9056A	
570-186772-8	MW38	Total/NA	Water	9056A	
570-186772-8 - DL	MW38	Total/NA	Water	9056A	
570-186772-9	MW-39	Total/NA	Water	9056A	
570-186772-9 - DL	MW-39	Total/NA	Water	9056A	
570-186772-10	MW30	Total/NA	Water	9056A	
570-186772-10 - DL	MW30	Total/NA	Water	9056A	
MB 570-447658/5	Method Blank	Total/NA	Water	9056A	
LCS 570-447658/6	Lab Control Sample	Total/NA	Water	9056A	
LCSD 570-447658/7	Lab Control Sample Dup	Total/NA	Water	9056A	
570-186772-2 MS	MW32	Total/NA	Water	9056A	
570-186772-2 MSD	MW32	Total/NA	Water	9056A	

Metals

Prep Batch: 447681

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-186772-1	MW31	Total Recoverable	Water	3005A	
570-186772-2	MW32	Total Recoverable	Water	3005A	
570-186772-3	MW33	Total Recoverable	Water	3005A	
570-186772-4	MW34	Total Recoverable	Water	3005A	
570-186772-5	MW35	Total Recoverable	Water	3005A	
570-186772-6	MW36	Total Recoverable	Water	3005A	
570-186772-7	MW37	Total Recoverable	Water	3005A	
570-186772-8	MW38	Total Recoverable	Water	3005A	
570-186772-9	MW-39	Total Recoverable	Water	3005A	
570-186772-10	MW30	Total Recoverable	Water	3005A	
MB 570-447681/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 570-447681/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
LCSD 570-447681/3-A	Lab Control Sample Dup	Total Recoverable	Water	3005A	
570-186687-B-1-B MS	Matrix Spike	Total/NA	Water	3005A	
570-186687-B-1-C MSD	Matrix Spike Duplicate	Total/NA	Water	3005A	

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QC Association Summary

Client: Stantec Consulting Services Inc
Project/Site: ExxonMobil Gladiola Station/238000257

Job ID: 570-186772-1

Metals

Prep Batch: 447698

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-186772-1	MW31	Total Recoverable	Water	3005A	
570-186772-2	MW32	Total Recoverable	Water	3005A	
570-186772-3	MW33	Total Recoverable	Water	3005A	
570-186772-4	MW34	Total Recoverable	Water	3005A	
570-186772-5	MW35	Total Recoverable	Water	3005A	
570-186772-6	MW36	Total Recoverable	Water	3005A	
570-186772-7	MW37	Total Recoverable	Water	3005A	
570-186772-8	MW38	Total Recoverable	Water	3005A	
570-186772-9	MW-39	Total Recoverable	Water	3005A	
570-186772-10	MW30	Total Recoverable	Water	3005A	
MB 570-447698/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 570-447698/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
LCSD 570-447698/3-A	Lab Control Sample Dup	Total Recoverable	Water	3005A	
570-186772-1 MS	MW31	Total Recoverable	Water	3005A	
570-186772-1 MSD	MW31	Total Recoverable	Water	3005A	

Prep Batch: 447771

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-186772-1	MW31	Total/NA	Water	245.1	
570-186772-2	MW32	Total/NA	Water	245.1	
570-186772-3	MW33	Total/NA	Water	245.1	
570-186772-4	MW34	Total/NA	Water	245.1	
570-186772-5	MW35	Total/NA	Water	245.1	
570-186772-6	MW36	Total/NA	Water	245.1	
570-186772-7	MW37	Total/NA	Water	245.1	
570-186772-8	MW38	Total/NA	Water	245.1	
570-186772-9	MW-39	Total/NA	Water	245.1	
570-186772-10	MW30	Total/NA	Water	245.1	
MB 570-447771/1-A	Method Blank	Total/NA	Water	245.1	
LCS 570-447771/2-A	Lab Control Sample	Total/NA	Water	245.1	
LCSD 570-447771/3-A	Lab Control Sample Dup	Total/NA	Water	245.1	
570-186772-2 MS	MW32	Total/NA	Water	245.1	
570-186772-2 MSD	MW32	Total/NA	Water	245.1	

Analysis Batch: 447908

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-186772-1	MW31	Total/NA	Water	245.1	447771
570-186772-2	MW32	Total/NA	Water	245.1	447771
570-186772-3	MW33	Total/NA	Water	245.1	447771
570-186772-4	MW34	Total/NA	Water	245.1	447771
570-186772-5	MW35	Total/NA	Water	245.1	447771
570-186772-6	MW36	Total/NA	Water	245.1	447771
570-186772-7	MW37	Total/NA	Water	245.1	447771
570-186772-8	MW38	Total/NA	Water	245.1	447771
570-186772-9	MW-39	Total/NA	Water	245.1	447771
570-186772-10	MW30	Total/NA	Water	245.1	447771
MB 570-447771/1-A	Method Blank	Total/NA	Water	245.1	447771
LCS 570-447771/2-A	Lab Control Sample	Total/NA	Water	245.1	447771
LCSD 570-447771/3-A	Lab Control Sample Dup	Total/NA	Water	245.1	447771
570-186772-2 MS	MW32	Total/NA	Water	245.1	447771
570-186772-2 MSD	MW32	Total/NA	Water	245.1	447771

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QC Association Summary

Client: Stantec Consulting Services Inc
Project/Site: ExxonMobil Gladiola Station/238000257

Job ID: 570-186772-1

Metals

Analysis Batch: 447960

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-186772-1	MW31	Total Recoverable	Water	6020	447698
570-186772-2	MW32	Total Recoverable	Water	6020	447698
570-186772-3	MW33	Total Recoverable	Water	6020	447698
570-186772-4	MW34	Total Recoverable	Water	6020	447698
570-186772-5	MW35	Total Recoverable	Water	6020	447698
570-186772-7	MW37	Total Recoverable	Water	6020	447698
570-186772-8	MW38	Total Recoverable	Water	6020	447698
570-186772-9	MW-39	Total Recoverable	Water	6020	447698
570-186772-10	MW30	Total Recoverable	Water	6020	447698
MB 570-447698/1-A	Method Blank	Total Recoverable	Water	6020	447698
LCS 570-447698/2-A	Lab Control Sample	Total Recoverable	Water	6020	447698
LCSD 570-447698/3-A	Lab Control Sample Dup	Total Recoverable	Water	6020	447698
570-186772-1 MS	MW31	Total Recoverable	Water	6020	447698
570-186772-1 MSD	MW31	Total Recoverable	Water	6020	447698

Analysis Batch: 447970

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-186772-6	MW36	Total Recoverable	Water	6020	447698

Analysis Batch: 448046

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-186772-1	MW31	Total Recoverable	Water	6010B	447681
570-186772-2	MW32	Total Recoverable	Water	6010B	447681
570-186772-3	MW33	Total Recoverable	Water	6010B	447681
570-186772-4	MW34	Total Recoverable	Water	6010B	447681
570-186772-5	MW35	Total Recoverable	Water	6010B	447681
570-186772-6	MW36	Total Recoverable	Water	6010B	447681
570-186772-7	MW37	Total Recoverable	Water	6010B	447681
570-186772-8	MW38	Total Recoverable	Water	6010B	447681
570-186772-9	MW-39	Total Recoverable	Water	6010B	447681
570-186772-10	MW30	Total Recoverable	Water	6010B	447681
MB 570-447681/1-A	Method Blank	Total Recoverable	Water	6010B	447681
LCS 570-447681/2-A	Lab Control Sample	Total Recoverable	Water	6010B	447681
LCSD 570-447681/3-A	Lab Control Sample Dup	Total Recoverable	Water	6010B	447681
570-186687-B-1-B MS	Matrix Spike	Total/NA	Water	6010B	447681
570-186687-B-1-C MSD	Matrix Spike Duplicate	Total/NA	Water	6010B	447681

General Chemistry

Analysis Batch: 447866

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-186772-1	MW31	Total/NA	Water	SM 2540C	
570-186772-2	MW32	Total/NA	Water	SM 2540C	
570-186772-3	MW33	Total/NA	Water	SM 2540C	
570-186772-4	MW34	Total/NA	Water	SM 2540C	
570-186772-5	MW35	Total/NA	Water	SM 2540C	
570-186772-6	MW36	Total/NA	Water	SM 2540C	
570-186772-7	MW37	Total/NA	Water	SM 2540C	
570-186772-8	MW38	Total/NA	Water	SM 2540C	
570-186772-9	MW-39	Total/NA	Water	SM 2540C	
570-186772-10	MW30	Total/NA	Water	SM 2540C	

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QC Association Summary

Client: Stantec Consulting Services Inc
Project/Site: ExxonMobil Gladiola Station/238000257

Job ID: 570-186772-1

General Chemistry (Continued)

Analysis Batch: 447866 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 570-447866/1	Method Blank	Total/NA	Water	SM 2540C	
LCS 570-447866/2	Lab Control Sample	Total/NA	Water	SM 2540C	
LCSD 570-447866/3	Lab Control Sample Dup	Total/NA	Water	SM 2540C	
570-186801-H-1 DU	Duplicate	Total/NA	Water	SM 2540C	
570-186801-H-2 DU	Duplicate	Total/NA	Water	SM 2540C	

Analysis Batch: 448816

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-186772-1	MW31	Total/NA	Water	SM 4500 CI- C	
570-186772-2	MW32	Total/NA	Water	SM 4500 CI- C	
570-186772-3	MW33	Total/NA	Water	SM 4500 CI- C	
570-186772-4	MW34	Total/NA	Water	SM 4500 CI- C	
570-186772-5	MW35	Total/NA	Water	SM 4500 CI- C	
570-186772-6	MW36	Total/NA	Water	SM 4500 CI- C	
570-186772-7	MW37	Total/NA	Water	SM 4500 CI- C	
570-186772-8	MW38	Total/NA	Water	SM 4500 CI- C	
570-186772-9	MW-39	Total/NA	Water	SM 4500 CI- C	
570-186772-10	MW30	Total/NA	Water	SM 4500 CI- C	
MB 570-448816/1	Method Blank	Total/NA	Water	SM 4500 CI- C	
LCS 570-448816/2	Lab Control Sample	Total/NA	Water	SM 4500 CI- C	
LCSD 570-448816/3	Lab Control Sample Dup	Total/NA	Water	SM 4500 CI- C	
570-186772-1 MS	MW31	Total/NA	Water	SM 4500 CI- C	
570-186772-1 MSD	MW31	Total/NA	Water	SM 4500 CI- C	
570-186772-1 DU	MW31	Total/NA	Water	SM 4500 CI- C	

Analysis Batch: 449292

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-186772-1	MW31	Total/NA	Water	SM 2320B	
570-186772-2	MW32	Total/NA	Water	SM 2320B	
570-186772-3	MW33	Total/NA	Water	SM 2320B	
570-186772-4	MW34	Total/NA	Water	SM 2320B	
570-186772-5	MW35	Total/NA	Water	SM 2320B	
570-186772-6	MW36	Total/NA	Water	SM 2320B	
570-186772-7	MW37	Total/NA	Water	SM 2320B	
570-186772-8	MW38	Total/NA	Water	SM 2320B	
570-186772-9	MW-39	Total/NA	Water	SM 2320B	
570-186772-10	MW30	Total/NA	Water	SM 2320B	
MB 570-449292/10	Method Blank	Total/NA	Water	SM 2320B	
LCS 570-449292/8	Lab Control Sample	Total/NA	Water	SM 2320B	
LCSD 570-449292/9	Lab Control Sample Dup	Total/NA	Water	SM 2320B	
570-186739-B-1 DU	Duplicate	Total/NA	Water	SM 2320B	

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Lab Chronicle

Client: Stantec Consulting Services Inc
Project/Site: ExxonMobil Gladiola Station/238000257

Job ID: 570-186772-1

Client Sample ID: MW31

Lab Sample ID: 570-186772-1

Date Collected: 06/03/24 08:40

Matrix: Water

Date Received: 06/04/24 13:13

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	20 mL	20 mL	448946	06/08/24 13:30	Y2DF	EET CAL 4
	Instrument ID: GCMSUU									
Total/NA	Prep	3510C			969.7 mL	2 mL	448515	06/07/24 05:17	H1SH	EET CAL 4
Total/NA	Analysis	8270C SIM		1	1 mL	1 mL	450823	06/14/24 08:02	J7WE	EET CAL 4
	Instrument ID: GCMSAAA									
Total/NA	Analysis	9056A		1	4 mL	4 mL	447658	06/05/24 08:43	UIP1	EET CAL 4
	Instrument ID: IC10									
Total/NA	Analysis	9056A	DL	10	4 mL	4 mL	447658	06/05/24 12:39	UIP1	EET CAL 4
	Instrument ID: IC10									
Total/NA	Prep	245.1			25 mL	50 mL	447771	06/05/24 11:03	VCN7	EET CAL 4
Total/NA	Analysis	245.1		1			447908	06/05/24 14:39	ECX6	EET CAL 4
	Instrument ID: HG9									
Total Recoverable	Prep	3005A			50 mL	50 mL	447681	06/05/24 07:53	JP8N	EET CAL 4
Total Recoverable	Analysis	6010B		1			448046	06/05/24 19:45	P1R	EET CAL 4
	Instrument ID: ICP11									
Total Recoverable	Prep	3005A			50 mL	50 mL	447698	06/05/24 08:22	JP8N	EET CAL 4
Total Recoverable	Analysis	6020		1			447960	06/05/24 16:26	P1R	EET CAL 4
	Instrument ID: ICPMS10									
Total/NA	Analysis	SM 2320B		1	10 mL	10 mL	449292	06/07/24 15:23	ZL4M	EET CAL 4
	Instrument ID: ManSciMantech									
Total/NA	Analysis	SM 2540C		1	100 mL	1000 mL	447866	06/05/24 14:02	PK4M	EET CAL 4
	Instrument ID: BAL100									
Total/NA	Analysis	SM 4500 CI- C		1	20 mL	50 mL	448816	06/07/24 17:07	ZVB7	EET CAL 4
	Instrument ID: NOEQUIP									

Client Sample ID: MW32

Lab Sample ID: 570-186772-2

Date Collected: 06/03/24 09:20

Matrix: Water

Date Received: 06/04/24 13:13

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	20 mL	20 mL	448946	06/08/24 13:55	Y2DF	EET CAL 4
	Instrument ID: GCMSUU									
Total/NA	Prep	3510C			1008.5 mL	2 mL	448515	06/07/24 05:17	H1SH	EET CAL 4
Total/NA	Analysis	8270C SIM		1	1 mL	1 mL	450823	06/14/24 08:24	J7WE	EET CAL 4
	Instrument ID: GCMSAAA									
Total/NA	Analysis	9056A		1	4 mL	4 mL	447658	06/05/24 09:00	UIP1	EET CAL 4
	Instrument ID: IC10									
Total/NA	Prep	245.1			25 mL	50 mL	447771	06/05/24 11:03	VCN7	EET CAL 4
Total/NA	Analysis	245.1		1			447908	06/05/24 14:29	ECX6	EET CAL 4
	Instrument ID: HG9									
Total Recoverable	Prep	3005A			50 mL	50 mL	447681	06/05/24 07:53	JP8N	EET CAL 4
Total Recoverable	Analysis	6010B		1			448046	06/05/24 19:47	P1R	EET CAL 4
	Instrument ID: ICP11									

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Lab Chronicle

Client: Stantec Consulting Services Inc
Project/Site: ExxonMobil Gladiola Station/238000257

Job ID: 570-186772-1

Client Sample ID: MW32

Lab Sample ID: 570-186772-2

Date Collected: 06/03/24 09:20

Matrix: Water

Date Received: 06/04/24 13:13

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			50 mL	50 mL	447698	06/05/24 08:22	JP8N	EET CAL 4
Total Recoverable	Analysis	6020		1			447960	06/05/24 16:38	P1R	EET CAL 4
		Instrument ID: ICPMS10								
Total/NA	Analysis	SM 2320B		1	10 mL	10 mL	449292	06/07/24 15:29	ZL4M	EET CAL 4
		Instrument ID: ManSciMantech								
Total/NA	Analysis	SM 2540C		1	100 mL	1000 mL	447866	06/05/24 14:02	PK4M	EET CAL 4
		Instrument ID: BAL100								
Total/NA	Analysis	SM 4500 CI- C		1	50 mL	50 mL	448816	06/07/24 17:21	ZVB7	EET CAL 4
		Instrument ID: NOEQUIP								

Client Sample ID: MW33

Lab Sample ID: 570-186772-3

Date Collected: 06/03/24 12:50

Matrix: Water

Date Received: 06/04/24 13:13

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	20 mL	20 mL	448946	06/08/24 14:20	Y2DF	EET CAL 4
		Instrument ID: GCMSUU								
Total/NA	Prep	3510C			1018.9 mL	2 mL	448515	06/07/24 05:17	H1SH	EET CAL 4
Total/NA	Analysis	8270C SIM		1	1 mL	1 mL	450823	06/14/24 08:45	J7WE	EET CAL 4
		Instrument ID: GCMSAAA								
Total/NA	Analysis	9056A		1	4 mL	4 mL	447658	06/05/24 09:16	UIP1	EET CAL 4
		Instrument ID: IC10								
Total/NA	Analysis	9056A	DL	10	4 mL	4 mL	447658	06/05/24 12:56	UIP1	EET CAL 4
		Instrument ID: IC10								
Total/NA	Prep	245.1			25 mL	50 mL	447771	06/05/24 11:03	VCN7	EET CAL 4
Total/NA	Analysis	245.1		1			447908	06/05/24 14:41	ECX6	EET CAL 4
		Instrument ID: HG9								
Total Recoverable	Prep	3005A			50 mL	50 mL	447681	06/05/24 07:53	JP8N	EET CAL 4
Total Recoverable	Analysis	6010B		1			448046	06/05/24 19:49	P1R	EET CAL 4
		Instrument ID: ICP11								
Total Recoverable	Prep	3005A			50 mL	50 mL	447698	06/05/24 08:22	JP8N	EET CAL 4
Total Recoverable	Analysis	6020		1			447960	06/05/24 16:40	P1R	EET CAL 4
		Instrument ID: ICPMS10								
Total/NA	Analysis	SM 2320B		1	10 mL	10 mL	449292	06/07/24 15:36	ZL4M	EET CAL 4
		Instrument ID: ManSciMantech								
Total/NA	Analysis	SM 2540C		1	100 mL	1000 mL	447866	06/05/24 14:02	PK4M	EET CAL 4
		Instrument ID: BAL100								
Total/NA	Analysis	SM 4500 CI- C		1	10 mL	50 mL	448816	06/07/24 17:25	ZVB7	EET CAL 4
		Instrument ID: NOEQUIP								

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Lab Chronicle

Client: Stantec Consulting Services Inc
Project/Site: ExxonMobil Gladiola Station/238000257

Job ID: 570-186772-1

Client Sample ID: MW34

Lab Sample ID: 570-186772-4

Date Collected: 06/03/24 09:55

Matrix: Water

Date Received: 06/04/24 13:13

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	20 mL	20 mL	448946	06/08/24 14:45	Y2DF	EET CAL 4
	Instrument ID: GCMSUU									
Total/NA	Prep	3510C			1034.8 mL	2 mL	448515	06/07/24 05:17	H1SH	EET CAL 4
Total/NA	Analysis	8270C SIM		1	1 mL	1 mL	450823	06/14/24 09:06	J7WE	EET CAL 4
	Instrument ID: GCMSAAA									
Total/NA	Analysis	9056A		1	4 mL	4 mL	447658	06/05/24 09:33	UIP1	EET CAL 4
	Instrument ID: IC10									
Total/NA	Analysis	9056A	DL	10	4 mL	4 mL	447658	06/05/24 13:12	UIP1	EET CAL 4
	Instrument ID: IC10									
Total/NA	Prep	245.1			25 mL	50 mL	447771	06/05/24 11:03	VCN7	EET CAL 4
Total/NA	Analysis	245.1		1			447908	06/05/24 14:43	ECX6	EET CAL 4
	Instrument ID: HG9									
Total Recoverable	Prep	3005A			50 mL	50 mL	447681	06/05/24 07:53	JP8N	EET CAL 4
Total Recoverable	Analysis	6010B		1			448046	06/05/24 19:52	P1R	EET CAL 4
	Instrument ID: ICP11									
Total Recoverable	Prep	3005A			50 mL	50 mL	447698	06/05/24 08:22	JP8N	EET CAL 4
Total Recoverable	Analysis	6020		1			447960	06/05/24 16:42	P1R	EET CAL 4
	Instrument ID: ICPMS10									
Total/NA	Analysis	SM 2320B		1	10 mL	10 mL	449292	06/07/24 15:43	ZL4M	EET CAL 4
	Instrument ID: ManSciMantech									
Total/NA	Analysis	SM 2540C		1	100 mL	1000 mL	447866	06/05/24 14:02	PK4M	EET CAL 4
	Instrument ID: BAL100									
Total/NA	Analysis	SM 4500 CI- C		1	10 mL	50 mL	448816	06/07/24 17:28	ZVB7	EET CAL 4
	Instrument ID: NOEQUIP									

Client Sample ID: MW35

Lab Sample ID: 570-186772-5

Date Collected: 06/03/24 11:20

Matrix: Water

Date Received: 06/04/24 13:13

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	20 mL	20 mL	448946	06/08/24 15:10	Y2DF	EET CAL 4
	Instrument ID: GCMSUU									
Total/NA	Prep	3510C			969.9 mL	2 mL	448515	06/07/24 05:17	H1SH	EET CAL 4
Total/NA	Analysis	8270C SIM		1	1 mL	1 mL	450823	06/14/24 09:28	J7WE	EET CAL 4
	Instrument ID: GCMSAAA									
Total/NA	Analysis	9056A		1	4 mL	4 mL	447658	06/05/24 09:50	UIP1	EET CAL 4
	Instrument ID: IC10									
Total/NA	Analysis	9056A	DL	10	4 mL	4 mL	447658	06/05/24 13:30	UIP1	EET CAL 4
	Instrument ID: IC10									
Total/NA	Prep	245.1			25 mL	50 mL	447771	06/05/24 11:03	VCN7	EET CAL 4
Total/NA	Analysis	245.1		1			447908	06/05/24 14:45	ECX6	EET CAL 4
	Instrument ID: HG9									
Total Recoverable	Prep	3005A			50 mL	50 mL	447681	06/05/24 07:53	JP8N	EET CAL 4
Total Recoverable	Analysis	6010B		1			448046	06/05/24 19:54	P1R	EET CAL 4
	Instrument ID: ICP11									

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Lab Chronicle

Client: Stantec Consulting Services Inc
Project/Site: ExxonMobil Gladiola Station/238000257

Job ID: 570-186772-1

Client Sample ID: MW35

Lab Sample ID: 570-186772-5

Date Collected: 06/03/24 11:20

Matrix: Water

Date Received: 06/04/24 13:13

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			50 mL	50 mL	447698	06/05/24 08:22	JP8N	EET CAL 4
Total Recoverable	Analysis	6020		1			447960	06/05/24 16:44	P1R	EET CAL 4
		Instrument ID: ICPMS10								
Total/NA	Analysis	SM 2320B		1	10 mL	10 mL	449292	06/07/24 15:49	ZL4M	EET CAL 4
		Instrument ID: ManSciMantech								
Total/NA	Analysis	SM 2540C		1	100 mL	1000 mL	447866	06/05/24 14:02	PK4M	EET CAL 4
		Instrument ID: BAL100								
Total/NA	Analysis	SM 4500 CI- C		1	10 mL	50 mL	448816	06/07/24 17:31	ZVB7	EET CAL 4
		Instrument ID: NOEQUIP								

Client Sample ID: MW36

Lab Sample ID: 570-186772-6

Date Collected: 06/03/24 12:20

Matrix: Water

Date Received: 06/04/24 13:13

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	20 mL	20 mL	448946	06/08/24 15:35	Y2DF	EET CAL 4
		Instrument ID: GCMSUU								
Total/NA	Prep	3510C			1026.6 mL	2 mL	448515	06/07/24 05:17	H1SH	EET CAL 4
Total/NA	Analysis	8270C SIM		1	1 mL	1 mL	450823	06/14/24 09:49	J7WE	EET CAL 4
		Instrument ID: GCMSAAA								
Total/NA	Analysis	9056A		1	4 mL	4 mL	447658	06/05/24 10:07	UIP1	EET CAL 4
		Instrument ID: IC10								
Total/NA	Analysis	9056A	DL	10	4 mL	4 mL	447658	06/05/24 13:46	UIP1	EET CAL 4
		Instrument ID: IC10								
Total/NA	Prep	245.1			25 mL	50 mL	447771	06/05/24 11:03	VCN7	EET CAL 4
Total/NA	Analysis	245.1		1			447908	06/05/24 14:47	ECX6	EET CAL 4
		Instrument ID: HG9								
Total Recoverable	Prep	3005A			50 mL	50 mL	447681	06/05/24 07:53	JP8N	EET CAL 4
Total Recoverable	Analysis	6010B		1			448046	06/05/24 19:56	P1R	EET CAL 4
		Instrument ID: ICP11								
Total Recoverable	Prep	3005A			50 mL	50 mL	447698	06/05/24 08:22	JP8N	EET CAL 4
Total Recoverable	Analysis	6020		1			447970	06/05/24 17:04	P1R	EET CAL 4
		Instrument ID: ICPMS10								
Total/NA	Analysis	SM 2320B		1	10 mL	10 mL	449292	06/07/24 15:55	ZL4M	EET CAL 4
		Instrument ID: ManSciMantech								
Total/NA	Analysis	SM 2540C		1	100 mL	1000 mL	447866	06/05/24 14:02	PK4M	EET CAL 4
		Instrument ID: BAL100								
Total/NA	Analysis	SM 4500 CI- C		1	10 mL	50 mL	448816	06/07/24 17:34	ZVB7	EET CAL 4
		Instrument ID: NOEQUIP								

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Lab Chronicle

Client: Stantec Consulting Services Inc
Project/Site: ExxonMobil Gladiola Station/238000257

Job ID: 570-186772-1

Client Sample ID: MW37

Lab Sample ID: 570-186772-7

Date Collected: 06/03/24 14:35

Matrix: Water

Date Received: 06/04/24 13:13

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	20 mL	20 mL	448946	06/08/24 15:59	Y2DF	EET CAL 4
	Instrument ID: GCMSUU									
Total/NA	Prep	3510C			1029.5 mL	2 mL	448515	06/07/24 05:17	H1SH	EET CAL 4
Total/NA	Analysis	8270C SIM		1	1 mL	1 mL	450823	06/14/24 10:11	J7WE	EET CAL 4
	Instrument ID: GCMSAAA									
Total/NA	Analysis	9056A		1	4 mL	4 mL	447658	06/05/24 10:24	UIP1	EET CAL 4
	Instrument ID: IC10									
Total/NA	Analysis	9056A	DL	10	4 mL	4 mL	447658	06/05/24 14:03	UIP1	EET CAL 4
	Instrument ID: IC10									
Total/NA	Prep	245.1			25 mL	50 mL	447771	06/05/24 11:03	VCN7	EET CAL 4
Total/NA	Analysis	245.1		1			447908	06/05/24 14:49	ECX6	EET CAL 4
	Instrument ID: HG9									
Total Recoverable	Prep	3005A			50 mL	50 mL	447681	06/05/24 07:53	JP8N	EET CAL 4
Total Recoverable	Analysis	6010B		1			448046	06/05/24 20:03	P1R	EET CAL 4
	Instrument ID: ICP11									
Total Recoverable	Prep	3005A			50 mL	50 mL	447698	06/05/24 08:22	JP8N	EET CAL 4
Total Recoverable	Analysis	6020		1			447960	06/05/24 16:07	P1R	EET CAL 4
	Instrument ID: ICPMS10									
Total/NA	Analysis	SM 2320B		1	10 mL	10 mL	449292	06/07/24 16:01	ZL4M	EET CAL 4
	Instrument ID: ManSciMantech									
Total/NA	Analysis	SM 2540C		1	100 mL	1000 mL	447866	06/05/24 14:02	PK4M	EET CAL 4
	Instrument ID: BAL100									
Total/NA	Analysis	SM 4500 CI- C		1	10 mL	50 mL	448816	06/07/24 17:36	ZVB7	EET CAL 4
	Instrument ID: NOEQUIP									

Client Sample ID: MW38

Lab Sample ID: 570-186772-8

Date Collected: 06/03/24 14:00

Matrix: Water

Date Received: 06/04/24 13:13

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	20 mL	20 mL	448946	06/08/24 16:24	Y2DF	EET CAL 4
	Instrument ID: GCMSUU									
Total/NA	Prep	3510C			1004 mL	2 mL	448515	06/07/24 05:17	H1SH	EET CAL 4
Total/NA	Analysis	8270C SIM		1	1 mL	1 mL	450823	06/14/24 10:32	J7WE	EET CAL 4
	Instrument ID: GCMSAAA									
Total/NA	Analysis	9056A		1	4 mL	4 mL	447658	06/05/24 10:41	UIP1	EET CAL 4
	Instrument ID: IC10									
Total/NA	Analysis	9056A	DL	10	4 mL	4 mL	447658	06/05/24 14:20	UIP1	EET CAL 4
	Instrument ID: IC10									
Total/NA	Prep	245.1			25 mL	50 mL	447771	06/05/24 11:03	VCN7	EET CAL 4
Total/NA	Analysis	245.1		1			447908	06/05/24 14:51	ECX6	EET CAL 4
	Instrument ID: HG9									
Total Recoverable	Prep	3005A			50 mL	50 mL	447681	06/05/24 07:53	JP8N	EET CAL 4
Total Recoverable	Analysis	6010B		1			448046	06/05/24 20:05	P1R	EET CAL 4
	Instrument ID: ICP11									

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Lab Chronicle

Client: Stantec Consulting Services Inc
Project/Site: ExxonMobil Gladiola Station/238000257

Job ID: 570-186772-1

Client Sample ID: MW38

Lab Sample ID: 570-186772-8

Date Collected: 06/03/24 14:00

Matrix: Water

Date Received: 06/04/24 13:13

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			50 mL	50 mL	447698	06/05/24 08:22	JP8N	EET CAL 4
Total Recoverable	Analysis	6020		1			447960	06/05/24 16:09	P1R	EET CAL 4
		Instrument ID: ICPMS10								
Total/NA	Analysis	SM 2320B		1	10 mL	10 mL	449292	06/07/24 16:08	ZL4M	EET CAL 4
		Instrument ID: ManSciMantech								
Total/NA	Analysis	SM 2540C		1	100 mL	1000 mL	447866	06/05/24 14:02	PK4M	EET CAL 4
		Instrument ID: BAL100								
Total/NA	Analysis	SM 4500 CI- C		1	10 mL	50 mL	448816	06/07/24 17:40	ZVB7	EET CAL 4
		Instrument ID: NOEQUIP								

Client Sample ID: MW-39

Lab Sample ID: 570-186772-9

Date Collected: 06/03/24 13:20

Matrix: Water

Date Received: 06/04/24 13:13

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	20 mL	20 mL	448946	06/08/24 16:49	Y2DF	EET CAL 4
		Instrument ID: GCMSUU								
Total/NA	Prep	3510C			1021.7 mL	2 mL	448515	06/07/24 05:17	H1SH	EET CAL 4
Total/NA	Analysis	8270C SIM		1	1 mL	1 mL	451028	06/14/24 14:05	J7WE	EET CAL 4
		Instrument ID: GCMSAAA								
Total/NA	Analysis	9056A		1	4 mL	4 mL	447658	06/05/24 10:58	UIP1	EET CAL 4
		Instrument ID: IC10								
Total/NA	Analysis	9056A	DL	10	4 mL	4 mL	447658	06/05/24 14:37	UIP1	EET CAL 4
		Instrument ID: IC10								
Total/NA	Prep	245.1			25 mL	50 mL	447771	06/05/24 11:03	VCN7	EET CAL 4
Total/NA	Analysis	245.1		1			447908	06/05/24 14:53	ECX6	EET CAL 4
		Instrument ID: HG9								
Total Recoverable	Prep	3005A			50 mL	50 mL	447681	06/05/24 07:53	JP8N	EET CAL 4
Total Recoverable	Analysis	6010B		1			448046	06/05/24 20:08	P1R	EET CAL 4
		Instrument ID: ICP11								
Total Recoverable	Prep	3005A			50 mL	50 mL	447698	06/05/24 08:22	JP8N	EET CAL 4
Total Recoverable	Analysis	6020		1			447960	06/05/24 16:11	P1R	EET CAL 4
		Instrument ID: ICPMS10								
Total/NA	Analysis	SM 2320B		1	10 mL	10 mL	449292	06/07/24 16:13	ZL4M	EET CAL 4
		Instrument ID: ManSciMantech								
Total/NA	Analysis	SM 2540C		1	100 mL	1000 mL	447866	06/05/24 14:02	PK4M	EET CAL 4
		Instrument ID: BAL100								
Total/NA	Analysis	SM 4500 CI- C		1	10 mL	50 mL	448816	06/07/24 17:44	ZVB7	EET CAL 4
		Instrument ID: NOEQUIP								

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Lab Chronicle

Client: Stantec Consulting Services Inc
Project/Site: ExxonMobil Gladiola Station/238000257

Job ID: 570-186772-1

Client Sample ID: MW30

Lab Sample ID: 570-186772-10

Date Collected: 06/03/24 10:45

Matrix: Water

Date Received: 06/04/24 13:13

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	20 mL	20 mL	448946	06/08/24 17:14	Y2DF	EET CAL 4
	Instrument ID: GCMSUU									
Total/NA	Prep	3510C			1027.7 mL	2 mL	448515	06/07/24 05:17	H1SH	EET CAL 4
Total/NA	Analysis	8270C SIM		1	1 mL	1 mL	451028	06/14/24 14:26	J7WE	EET CAL 4
	Instrument ID: GCMSAAA									
Total/NA	Analysis	9056A		1	4 mL	4 mL	447658	06/05/24 11:14	UIP1	EET CAL 4
	Instrument ID: IC10									
Total/NA	Analysis	9056A	DL	10	4 mL	4 mL	447658	06/05/24 14:54	UIP1	EET CAL 4
	Instrument ID: IC10									
Total/NA	Prep	245.1			25 mL	50 mL	447771	06/05/24 11:03	VCN7	EET CAL 4
Total/NA	Analysis	245.1		1			447908	06/05/24 14:58	ECX6	EET CAL 4
	Instrument ID: HG9									
Total Recoverable	Prep	3005A			50 mL	50 mL	447681	06/05/24 07:53	JP8N	EET CAL 4
Total Recoverable	Analysis	6010B		1			448046	06/05/24 20:10	P1R	EET CAL 4
	Instrument ID: ICP11									
Total Recoverable	Prep	3005A			50 mL	50 mL	447698	06/05/24 08:22	JP8N	EET CAL 4
Total Recoverable	Analysis	6020		1			447960	06/05/24 16:13	P1R	EET CAL 4
	Instrument ID: ICPMS10									
Total/NA	Analysis	SM 2320B		1	10 mL	10 mL	449292	06/07/24 16:20	ZL4M	EET CAL 4
	Instrument ID: ManSciMantech									
Total/NA	Analysis	SM 2540C		1	100 mL	1000 mL	447866	06/05/24 14:02	PK4M	EET CAL 4
	Instrument ID: BAL100									
Total/NA	Analysis	SM 4500 CI- C		1	10 mL	50 mL	448816	06/07/24 17:46	ZVB7	EET CAL 4
	Instrument ID: NOEQUIP									

Client Sample ID: Trip Blank

Lab Sample ID: 570-186772-11

Date Collected: 06/03/24 15:10

Matrix: Water

Date Received: 06/04/24 13:13

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	20 mL	20 mL	448946	06/08/24 09:46	Y2DF	EET CAL 4
	Instrument ID: GCMSUU									

Client Sample ID: Trip Blank

Lab Sample ID: 570-186772-12

Date Collected: 06/03/24 15:00

Matrix: Water

Date Received: 06/04/24 13:13

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	20 mL	20 mL	448946	06/08/24 10:11	Y2DF	EET CAL 4
	Instrument ID: GCMSUU									

Laboratory References:

EET CAL 4 = Eurofins Calscience Tustin, 2841 Dow Avenue, Tustin, CA 92780, TEL (714)895-5494

Eurofins Calscience

Accreditation/Certification Summary

Client: Stantec Consulting Services Inc
Project/Site: ExxonMobil Gladiola Station/238000257

Job ID: 570-186772-1

Laboratory: Eurofins Calscience

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

Authority	Program	Identification Number	Expiration Date
Oregon	NELAP	4175	02-02-25
The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.			
Analysis Method	Prep Method	Matrix	Analyte
SM 2320B		Water	Bicarbonate (as CaCO3)
SM 4500 Cl- C		Water	Chloride

Method Summary

Client: Stantec Consulting Services Inc
Project/Site: ExxonMobil Gladiola Station/238000257

Job ID: 570-186772-1

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	EET CAL 4
8270C SIM	PAHs (GC/MS SIM)	SW846	EET CAL 4
9056A	Anions, Ion Chromatography	SW846	EET CAL 4
245.1	Mercury (CVAA)	EPA	EET CAL 4
6010B	Metals (ICP)	SW846	EET CAL 4
6020	Metals (ICP/MS)	SW846	EET CAL 4
SM 2320B	Alkalinity	SM	EET CAL 4
SM 2540C	Solids, Total Dissolved (TDS)	SM	EET CAL 4
SM 4500 Cl- C	Chloride, Total	SM	EET CAL 4
245.1	Preparation, Mercury	EPA	EET CAL 4
3005A	Preparation, Total Recoverable or Dissolved Metals	SW846	EET CAL 4
3510C	Liquid-Liquid Extraction (Separatory Funnel)	SW846	EET CAL 4
5030C	Purge and Trap	SW846	EET CAL 4

Protocol References:
EPA = US Environmental Protection Agency
SM = "Standard Methods For The Examination Of Water And Wastewater"
SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:
EET CAL 4 = Eurofins Calscience Tustin, 2841 Dow Avenue, Tustin, CA 92780, TEL (714)895-5494



570-186772 Chain of Custody

eurofins 341 DOW AVE SUIT 100
TUSTIN, CA 92780
TEL: (714) 895-5494 . FAX: (714) 894-7501

Site Name

Provide MRN for retail or AFE for major projects

Retail Project (MRN)

Major Project (AFE)

Project Name

ExxonMobil Gladiola Station / 238000257

CHAIN OF CUSTODY RECORD

DATE:

PAGE:

OF

ExxonMobil Engr: Chris Bear

LABORATORY CLIENT: Stantec				GLOBAL ID # COELT LOG CODE:				EMES Sub Agreement #A2604415						
ADDRESS: 4572 Telephone Road #916				PROJECT CONTACT: James Anderson				LAB USE ONLY ☐ ☐ - ☐ ☐ ☐ ☐						
CITY: Ventura, CA 93003				SAMPLER(S):				COOLER RECEIPT Temp = _____ °C						
TEL: 805 701 1420				FAX: 805-457-8956				James.Anderson@Stantec.com						
TURNAROUND TIME ☐ SAME ☐ 24 HR ☐ 48 HR ☐ 72 HR ☐ 5 DAYS ☒ 10 DAYS				REQUESTED ANALYSIS										
SPECIAL REQUIREMENTS (ADDITIONAL COSTS MAY APPLY) ☐ RWQCB REPORTING ☐ ARCHIVE SAMPLES UNTIL ____/____/____														
SPECIAL INSTRUCTIONS: New Mexico Site Report J values.														
LAB USE ONLY	SAMPLE ID	Field Point Name	SAMPLING DATE TIME		MAT- RIX	NO. OF CONT.	EPA 8260B LL VOCs only	EPA 8270C SIM PAHs	EPA 8010B As, Ba, Cd, Cr, Pb, Se and Ag + EPA 245.1 Hg	SM 2320B Bicarbonate/Alkalinity and SM 4500-Cl C Chloride	SM 2540C Total Dissolved Solids	Calcium, magnesium, potassium and sodium 6020A	Bromide & Sulfate 9056A	CONTAINER TYPE
1	MW-31	--	6-3-24	0840	W	8	X	X	X	X	X	X	X	3 vials with HCL, 1-1L Amber Glass, 250mL Plastic with HNO3, 3-250mL Plastic
2	MW-32	--	6-3-24	0920	W	8	X	X	X	X	X	X	X	3 vials with HCL, 1-1L Amber Glass, 250mL Plastic with HNO3, 3-250mL Plastic
3	MW-33	--	6-3-24	1250	W	8	X	X	X	X	X	X	X	3 vials with HCL, 2-1L Amber Glass, 250mL Plastic with HNO3, 3-250mL Plastic
4	MW-34	--	6-3-24	0955	W	8	X	X	X	X	X	X	X	3 vials with HCL, 1-1L Amber Glass, 250mL Plastic with HNO3, 3-250mL Plastic
5	MW-35	--	6-3-24	1120	W	8	X	X	X	X	X	X	X	3 vials with HCL, 1-1L Amber Glass, 250mL Plastic with HNO3, 3-250mL Plastic
6	MW-36	--	6-3-24	1220	W	8	X	X	X	X	X	X	X	3 vials with HCL, 1-1L Amber Glass, 250mL Plastic with HNO3, 3-250mL Plastic
7	MW-37	--	6-3-24	1435	W	8	X	X	X	X	X	X	X	3 vials with HCL, 1-1L Amber Glass, 250mL Plastic with HNO3, 3-250mL Plastic
8	MW-38	--	6-3-24	1400	W	8	X	X	X	X	X	X	X	3 vials with HCL, 1-1L Amber Glass, 250mL Plastic with HNO3, 3-250mL Plastic
9	MW-39	--	6-3-24	1320	W	8	X	X	X	X	X	X	X	3 vials with HCL, 1-1L Amber Glass, 250mL Plastic with HNO3, 3-250mL Plastic
10	MW-30	--	6-3-24	1045	W	8	X	X	X	X	X	X	X	3 vials with HCL, 1-1L Amber Glass, 250mL Plastic with HNO3, 3-250mL Plastic
11	Trip Blank		6-3-24	1510	W	2	X							
12	Trip Blank		6-3-24	1500	W	2	X							
Relinquished by: (Signature)						Received by: (Signature)						Date, & Time:		
Relinquished by: (Signature)						Received by: (Signature)						Date, & Time:		
Relinquished by: (Signature)						Received by: (Signature)						Date, & Time:		

FGFS

1.8/1.9 4.3/4.4 SC 14

Login Sample Receipt Checklist

Client: Stantec Consulting Services Inc

Job Number: 570-186772-1

Login Number: 186772

List Source: Eurofins Calscience

List Number: 1

Creator: Khana, Piyush

Question	Answer	Comment
Radioactivity wasn't checked or is $\leq$ background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is $<6\text{mm}$ (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	



Environment Testing

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ANALYTICAL REPORT

PREPARED FOR

Attn: Mr. James Anderson
Stantec Consulting Services Inc
4572 Telephone Road #916
Ventura, California 93003

Generated 6/18/2024 10:06:19 PM

JOB DESCRIPTION

ExxonMobil Gladiola Station/238000257

JOB NUMBER

570-186788-1

Eurofins Calscience

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Calscience Project Manager.

Authorization



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6/18/2024 10:06:19 PM

Authorized for release by
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Terri.Chang@et.eurofinsus.com
Designee for
Cecile de Guia, Project Manager I
Cecile.deGuia@et.eurofinsus.com
(714)895-5494

Client: Stantec Consulting Services Inc
Project/Site: ExxonMobil Gladiola Station/238000257

Laboratory Job ID: 570-186788-1

Table of Contents

Cover Page	1
Table of Contents	3
Sample Summary	4
Definitions/Glossary	5
Case Narrative	7
Detection Summary	9
Client Sample Results	13
Surrogate Summary	37
QC Sample Results	38
QC Association Summary	52
Lab Chronicle	58
Certification Summary	64
Method Summary	65
Chain of Custody	66
Receipt Checklists	67

1

2

3

4

5

6

7

8

9

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14

15

Sample Summary

Client: Stantec Consulting Services Inc
Project/Site: ExxonMobil Gladiola Station/238000257

Job ID: 570-186788-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
570-186788-1	MW17	Water	06/04/24 11:55	06/05/24 09:30
570-186788-2	MW22	Water	06/04/24 08:45	06/05/24 09:30
570-186788-3	MW3	Water	06/04/24 13:00	06/05/24 09:30
570-186788-4	MW27	Water	06/04/24 11:15	06/05/24 09:30
570-186788-5	MW28	Water	06/04/24 10:25	06/05/24 09:30
570-186788-6	MW6	Water	06/04/24 12:20	06/05/24 09:30
570-186788-7	MW29	Water	06/04/24 09:35	06/05/24 09:30
570-186788-8	MW11	Water	06/04/24 08:15	06/05/24 09:30
570-186788-9	Trip Blank	Water	06/04/24 14:00	06/05/24 09:30
570-186788-10	Trip Blank	Water	06/04/24 14:10	06/05/24 09:30



Definitions/Glossary

Client: Stantec Consulting Services Inc
Project/Site: ExxonMobil Gladiola Station/238000257

Job ID: 570-186788-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
*+	LCS and/or LCSD is outside acceptance limits, high biased.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

GC/MS Semi VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

HPLC/IC

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Metals

Qualifier	Qualifier Description
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
B	Compound was found in the blank and sample.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

General Chemistry

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
α	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)

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Definitions/Glossary

Client: Stantec Consulting Services Inc
Project/Site: ExxonMobil Gladiola Station/238000257

Job ID: 570-186788-1

Glossary (Continued)

Abbreviation	These commonly used abbreviations may or may not be present in this report.
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

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Case Narrative

Client: Stantec Consulting Services Inc
Project: ExxonMobil Gladiola Station/238000257

Job ID: 570-186788-1

Job ID: 570-186788-1

Eurofins Calscience

Job Narrative 570-186788-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers are applied to indicate exceptions. Noncompliant quality control (QC) is further explained in narrative comments.

- Matrix QC may not be reported if insufficient sample or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt

The samples were received on 6/5/2024 9:30 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperatures of the 2 coolers at receipt time were 1.1°C and 1.9°C.

Receipt Exceptions

The number of containers for the following sample did not match the information listed on the Chain-of-Custody (COC): MW6 (570-186788-6). Lab received 4 containers, while the COC lists 8. Lab did not receive 40mL vials with HCl for VOCs analysis.

GC/MS VOA

Method 8260B_LL: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with analytical batch 570-449193. The laboratory control sample (LCS) was performed in duplicate (LCSD) to provide precision data for this batch.

Method 8260B_LL: The following volatiles sample was diluted due to foaming at the time of purging during the original sample analysis: MW11 (570-186788-8). Elevated reporting limits (RLs) are provided.

Method 8260B_LL: The following sample(s) were collected in properly preserved vials for analysis of volatile organic compounds (VOCs). However, the pH was outside the required criteria when verified by the laboratory, and corrective action was not possible: MW3 (570-186788-3).

Method 8260B_LL: The laboratory control sample (LCS) for analytical batch 570-449193 recovered outside control limits for the following analyte(s): Bromoform. This analyte was biased high in the LCS and was not detected in the associated samples; therefore, the data have been reported.

Method 8260B_LL: The laboratory control sample duplicate (LCSD) for analytical batch 570-449193 recovered outside control limits for the following analyte(s): 1,2-Dibromo-3-Chloropropane and Bromoform. These analytes were biased high in the LCSD and were not detected in the associated samples; therefore, the data have been reported.

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

GC/MS Semi VOA

Method 8270C_SIM_PAH: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with preparation batch 570-448515. The laboratory control sample (LCS) was performed in duplicate (LCSD) to provide precision data for this batch.

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

HPLC/IC

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

Metals

Method 6010B - Total Recoverable: The reference method requires samples to be preserved to a pH of <2. The following sample was received with insufficient preservation at a pH of >2: MW3 (570-186788-3). The sample(s) was preserved to the appropriate pH in the laboratory.

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Case Narrative

Client: Stantec Consulting Services Inc
Project: ExxonMobil Gladiola Station/238000257

Job ID: 570-186788-1

Job ID: 570-186788-1 (Continued)

Eurofins Calscience

Method 6010B - Total Recoverable: The continuing calibration blank (CCB) for analytical batch 570-449180 contained Arsenic above the method detection limit (MDL). All reported samples associated with this CCB were either ND for this analyte or contained this analyte at a concentration greater than 10X the value found in the CCB; therefore, re-analysis of samples was not performed.

Method 6020 - Total Recoverable: The reference method requires samples to be preserved to a pH of <2. The following sample was received with insufficient preservation at a pH of >2: MW3 (570-186788-3). The sample(s) was preserved to the appropriate pH in the laboratory.

Method 6020 - Total Recoverable: The method blank for preparation batch 570-448111 and analytical batch 570-448635 contained Sodium above the method detection limit. This target analyte concentration was less than the reporting limit (RL) in the method blank; therefore, re-extraction and/or re-analysis of samples was not performed.

Method 6020 - Total Recoverable: The method blank for preparation batch 570-448549 and analytical batch 570-448747 contained Potassium, Sodium above the method detection limit. This target analyte concentration was less than the reporting limit (RL) in the method blank; therefore, re-extraction and/or re-analysis of samples was not performed.

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

General Chemistry

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

Eurofins Calscience

Detection Summary

Client: Stantec Consulting Services Inc
Project/Site: ExxonMobil Gladiola Station/238000257

Job ID: 570-186788-1

Client Sample ID: MW17

Lab Sample ID: 570-186788-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	57		5.0	1.4	ug/L	10		8260B	Total/NA
Ethylbenzene	640		5.0	1.6	ug/L	10		8260B	Total/NA
1,2,4-Trimethylbenzene	6.9		5.0	2.2	ug/L	10		8260B	Total/NA
Isopropylbenzene	44		5.0	2.1	ug/L	10		8260B	Total/NA
Naphthalene	52		10	5.5	ug/L	10		8260B	Total/NA
n-Butylbenzene	2.5	J	5.0	2.4	ug/L	10		8260B	Total/NA
N-Propylbenzene	40		5.0	1.8	ug/L	10		8260B	Total/NA
sec-Butylbenzene	4.3	J	5.0	2.0	ug/L	10		8260B	Total/NA
Acenaphthene	0.14	J	0.20	0.096	ug/L	1		8270C SIM	Total/NA
Fluorene	0.71		0.20	0.074	ug/L	1		8270C SIM	Total/NA
1-Methylnaphthalene	18		0.20	0.072	ug/L	1		8270C SIM	Total/NA
2-Methylnaphthalene	19		0.20	0.076	ug/L	1		8270C SIM	Total/NA
Naphthalene	43		0.20	0.15	ug/L	1		8270C SIM	Total/NA
Phenanthrene	0.59		0.20	0.072	ug/L	1		8270C SIM	Total/NA
Bromide	0.48		0.10	0.041	mg/L	1		9056A	Total/NA
Sulfate	0.24	J	1.0	0.24	mg/L	1		9056A	Total/NA
Mercury	0.000156	J	0.000200	0.000124	mg/L	1		245.1	Total/NA
Arsenic	0.0206	J	0.100	0.0199	mg/L	1		6010B	Total Recoverable
Barium	10.2		0.0100	0.00111	mg/L	1		6010B	Total Recoverable
Calcium	51400		500	123	ug/L	5		6020	Total Recoverable
Magnesium	215000		500	75.3	ug/L	5		6020	Total Recoverable
Potassium	1260		500	83.1	ug/L	5		6020	Total Recoverable
Sodium	30600	B	500	69.5	ug/L	5		6020	Total Recoverable
Alkalinity, Total (As CaCO3)	949		5.00	2.18	mg/L	1		SM 2320B	Total/NA
Bicarbonate (as CaCO3)	949		5.00	2.18	mg/L	1		SM 2320B	Total/NA
Total Dissolved Solids	949		10.0	8.70	mg/L	1		SM 2540C	Total/NA
Chloride	4.53		2.00	0.596	mg/L	1		SM 4500 Cl- C	Total/NA

Client Sample ID: MW22

Lab Sample ID: 570-186788-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	0.72		0.50	0.14	ug/L	1		8260B	Total/NA
Naphthalene	0.57	J	1.0	0.55	ug/L	1		8260B	Total/NA
Bromide	0.37		0.10	0.041	mg/L	1		9056A	Total/NA
Sulfate - DL	150		10	2.4	mg/L	10		9056A	Total/NA
Mercury	0.000161	J	0.000200	0.000124	mg/L	1		245.1	Total/NA
Arsenic	0.0227	J	0.100	0.0199	mg/L	1		6010B	Total Recoverable
Barium	0.0475		0.0100	0.00111	mg/L	1		6010B	Total Recoverable
Chromium	0.0350	J	0.0500	0.00296	mg/L	1		6010B	Total Recoverable
Lead	0.00620	J	0.0500	0.00527	mg/L	1		6010B	Total Recoverable
Calcium	86800		500	123	ug/L	5		6020	Total Recoverable
Magnesium	28800		500	75.3	ug/L	5		6020	Total Recoverable

This Detection Summary does not include radiochemical test results.

Eurofins Calscience

Detection Summary

Client: Stantec Consulting Services Inc
Project/Site: ExxonMobil Gladiola Station/238000257

Job ID: 570-186788-1

Client Sample ID: MW22 (Continued)

Lab Sample ID: 570-186788-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Potassium	2780		500	83.1	ug/L	5		6020	Total Recoverable
Sodium	105000	B	500	69.5	ug/L	5		6020	Total Recoverable
Alkalinity, Total (As CaCO3)	283		5.00	2.18	mg/L	1		SM 2320B	Total/NA
Bicarbonate (as CaCO3)	283		5.00	2.18	mg/L	1		SM 2320B	Total/NA
Total Dissolved Solids	662		10.0	8.70	mg/L	1		SM 2540C	Total/NA
Chloride	28.6		2.00	0.596	mg/L	1		SM 4500 Cl- C	Total/NA

Client Sample ID: MW3

Lab Sample ID: 570-186788-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	360		5.0	1.4	ug/L	10		8260B	Total/NA
Ethylbenzene	340		5.0	1.6	ug/L	10		8260B	Total/NA
Isopropylbenzene	28		5.0	2.1	ug/L	10		8260B	Total/NA
Naphthalene	34		10	5.5	ug/L	10		8260B	Total/NA
N-Propylbenzene	26		5.0	1.8	ug/L	10		8260B	Total/NA
sec-Butylbenzene	3.7	J	5.0	2.0	ug/L	10		8260B	Total/NA
Acenaphthene	0.13	J	0.21	0.10	ug/L	1		8270C SIM	Total/NA
Fluorene	0.69		0.21	0.079	ug/L	1		8270C SIM	Total/NA
1-Methylnaphthalene	17		0.21	0.077	ug/L	1		8270C SIM	Total/NA
2-Methylnaphthalene	19		0.21	0.081	ug/L	1		8270C SIM	Total/NA
Naphthalene	34		0.21	0.16	ug/L	1		8270C SIM	Total/NA
Phenanthrene	0.38		0.21	0.077	ug/L	1		8270C SIM	Total/NA
Bromide	0.95		0.10	0.041	mg/L	1		9056A	Total/NA
Sulfate	0.95	J	1.0	0.24	mg/L	1		9056A	Total/NA
Arsenic	0.0282	J	0.100	0.0199	mg/L	1		6010B	Total Recoverable
Barium	8.35		0.0100	0.00111	mg/L	1		6010B	Total Recoverable
Chromium	0.00320	J	0.0500	0.00296	mg/L	1		6010B	Total Recoverable
Calcium	59200		100	24.6	ug/L	1		6020	Total Recoverable
Magnesium	305000		500	75.3	ug/L	5		6020	Total Recoverable
Potassium	1600	B	100	16.6	ug/L	1		6020	Total Recoverable
Sodium	47700	B	100	13.9	ug/L	1		6020	Total Recoverable
Alkalinity, Total (As CaCO3)	1210		5.00	2.18	mg/L	1		SM 2320B	Total/NA
Bicarbonate (as CaCO3)	1210		5.00	2.18	mg/L	1		SM 2320B	Total/NA
Total Dissolved Solids	1310		10.0	8.70	mg/L	1		SM 2540C	Total/NA
Chloride	17.3		2.00	0.596	mg/L	1		SM 4500 Cl- C	Total/NA

Client Sample ID: MW27

Lab Sample ID: 570-186788-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Bromide	0.85		0.10	0.041	mg/L	1		9056A	Total/NA
Sulfate - DL	140		10	2.4	mg/L	10		9056A	Total/NA
Barium	0.0436		0.0100	0.00111	mg/L	1		6010B	Total Recoverable
Calcium	134000		500	123	ug/L	5		6020	Total Recoverable

This Detection Summary does not include radiochemical test results.

Eurofins Calscience

Detection Summary

Client: Stantec Consulting Services Inc
Project/Site: ExxonMobil Gladiola Station/238000257

Job ID: 570-186788-1

Client Sample ID: MW27 (Continued)

Lab Sample ID: 570-186788-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Magnesium	27700		500	75.3	ug/L	5			6020	Total
										Recoverable
Potassium	2980		500	83.1	ug/L	5			6020	Total
										Recoverable
Sodium	125000	B	500	69.5	ug/L	5			6020	Total
										Recoverable
Alkalinity, Total (As CaCO3)	186		5.00	2.18	mg/L	1			SM 2320B	Total/NA
Bicarbonate (as CaCO3)	186		5.00	2.18	mg/L	1			SM 2320B	Total/NA
Total Dissolved Solids	1030		10.0	8.70	mg/L	1			SM 2540C	Total/NA
Chloride	297		10.0	2.98	mg/L	1			SM 4500 Cl- C	Total/NA

Client Sample ID: MW28

Lab Sample ID: 570-186788-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Bromide	0.78		0.10	0.041	mg/L	1			9056A	Total/NA
Sulfate - DL	370		10	2.4	mg/L	10			9056A	Total/NA
Barium	0.0443		0.0100	0.00111	mg/L	1			6010B	Total
										Recoverable
Selenium	0.0170	J	0.0500	0.0162	mg/L	1			6010B	Total
										Recoverable
Calcium	150000		500	123	ug/L	5			6020	Total
										Recoverable
Magnesium	36800		500	75.3	ug/L	5			6020	Total
										Recoverable
Potassium	3290		500	83.1	ug/L	5			6020	Total
										Recoverable
Sodium	146000	B	500	69.5	ug/L	5			6020	Total
										Recoverable
Alkalinity, Total (As CaCO3)	158		5.00	2.18	mg/L	1			SM 2320B	Total/NA
Bicarbonate (as CaCO3)	158		5.00	2.18	mg/L	1			SM 2320B	Total/NA
Total Dissolved Solids	1170		10.0	8.70	mg/L	1			SM 2540C	Total/NA
Chloride	174		10.0	2.98	mg/L	1			SM 4500 Cl- C	Total/NA

Client Sample ID: MW6

Lab Sample ID: 570-186788-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Acenaphthene	1.3		0.19	0.094	ug/L	1			8270C SIM	Total/NA
Acenaphthylene	0.86		0.19	0.066	ug/L	1			8270C SIM	Total/NA
Chrysene	3.8		0.19	0.057	ug/L	1			8270C SIM	Total/NA
Fluorene	3.3		0.19	0.072	ug/L	1			8270C SIM	Total/NA
1-Methylnaphthalene	1.5		0.19	0.070	ug/L	1			8270C SIM	Total/NA
2-Methylnaphthalene	1.3		0.19	0.074	ug/L	1			8270C SIM	Total/NA
Naphthalene	0.79		0.19	0.14	ug/L	1			8270C SIM	Total/NA
Phenanthrene	5.7		0.19	0.070	ug/L	1			8270C SIM	Total/NA
Pyrene	1.2		0.19	0.064	ug/L	1			8270C SIM	Total/NA
Mercury	0.000134	J	0.000200	0.000124	mg/L	1			245.1	Total/NA
Arsenic	0.0421	J	0.100	0.0199	mg/L	1			6010B	Total
										Recoverable
Barium	0.565		0.0100	0.00111	mg/L	1			6010B	Total
										Recoverable
Chromium	0.00790	J	0.0500	0.00296	mg/L	1			6010B	Total
										Recoverable
Lead	0.0103	J	0.0500	0.00527	mg/L	1			6010B	Total
										Recoverable
Alkalinity, Total (As CaCO3)	506		5.00	2.18	mg/L	1			SM 2320B	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Calscience

Detection Summary

Client: Stantec Consulting Services Inc

Project/Site: ExxonMobil Gladiola Station/238000257

Job ID: 570-186788-1

Client Sample ID: MW6 (Continued)

Lab Sample ID: 570-186788-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Bicarbonate (as CaCO3)	506		5.00	2.18	mg/L		1		SM 2320B	Total/NA
Total Dissolved Solids	591		10.0	8.70	mg/L		1		SM 2540C	Total/NA
Chloride	0.906	J	2.00	0.596	mg/L		1		SM 4500 Cl- C	Total/NA

Client Sample ID: MW29

Lab Sample ID: 570-186788-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Bromide	0.47		0.10	0.041	mg/L		1		9056A	Total/NA
Sulfate - DL	100		10	2.4	mg/L		10		9056A	Total/NA
Barium	0.0441		0.0100	0.00111	mg/L		1		6010B	Total Recoverable
Calcium	99500		500	123	ug/L		5		6020	Total Recoverable
Magnesium	24500		500	75.3	ug/L		5		6020	Total Recoverable
Potassium	2690		500	83.1	ug/L		5		6020	Total Recoverable
Sodium	109000	B	500	69.5	ug/L		5		6020	Total Recoverable
Alkalinity, Total (As CaCO3)	175		5.00	2.18	mg/L		1		SM 2320B	Total/NA
Bicarbonate (as CaCO3)	175		5.00	2.18	mg/L		1		SM 2320B	Total/NA
Total Dissolved Solids	789		10.0	8.70	mg/L		1		SM 2540C	Total/NA
Chloride	194		10.0	2.98	mg/L		1		SM 4500 Cl- C	Total/NA

Client Sample ID: MW11

Lab Sample ID: 570-186788-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Bromide	1.2		0.10	0.041	mg/L		1		9056A	Total/NA
Sulfate - DL	91		10	2.4	mg/L		10		9056A	Total/NA
Barium	0.0542		0.0100	0.00111	mg/L		1		6010B	Total Recoverable
Chromium	0.0136	J	0.0500	0.00296	mg/L		1		6010B	Total Recoverable
Calcium	105000		500	123	ug/L		5		6020	Total Recoverable
Magnesium	45100		500	75.3	ug/L		5		6020	Total Recoverable
Potassium	3470		500	83.1	ug/L		5		6020	Total Recoverable
Sodium	143000	B	500	69.5	ug/L		5		6020	Total Recoverable
Alkalinity, Total (As CaCO3)	434		5.00	2.18	mg/L		1		SM 2320B	Total/NA
Bicarbonate (as CaCO3)	434		5.00	2.18	mg/L		1		SM 2320B	Total/NA
Total Dissolved Solids	886		10.0	8.70	mg/L		1		SM 2540C	Total/NA
Chloride	104		10.0	2.98	mg/L		1		SM 4500 Cl- C	Total/NA

Client Sample ID: Trip Blank

Lab Sample ID: 570-186788-9

No Detections.

Client Sample ID: Trip Blank

Lab Sample ID: 570-186788-10

No Detections.

Client Sample Results

Client: Stantec Consulting Services Inc
Project/Site: ExxonMobil Gladiola Station/238000257

Job ID: 570-186788-1

Client Sample ID: MW17

Lab Sample ID: 570-186788-1

Date Collected: 06/04/24 11:55

Matrix: Water

Date Received: 06/05/24 09:30

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	57		5.0	1.4	ug/L			06/10/24 16:37	10
Toluene	ND		5.0	1.4	ug/L			06/10/24 16:37	10
Ethylbenzene	640		5.0	1.6	ug/L			06/10/24 16:37	10
o-Xylene	ND		5.0	1.8	ug/L			06/10/24 16:37	10
m,p-Xylene	ND		10	3.9	ug/L			06/10/24 16:37	10
Xylenes, Total	ND		10	3.9	ug/L			06/10/24 16:37	10
Methyl-t-Butyl Ether (MTBE)	ND		5.0	1.4	ug/L			06/10/24 16:37	10
1,1,1,2-Tetrachloroethane	ND		5.0	2.0	ug/L			06/10/24 16:37	10
1,1,1-Trichloroethane	ND		5.0	2.0	ug/L			06/10/24 16:37	10
1,1,2,2-Tetrachloroethane	ND		5.0	1.4	ug/L			06/10/24 16:37	10
1,1,2-Trichloroethane	ND		5.0	1.8	ug/L			06/10/24 16:37	10
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.0	2.5	ug/L			06/10/24 16:37	10
1,1-Dichloroethane	ND		5.0	2.1	ug/L			06/10/24 16:37	10
1,1-Dichloroethene	ND		5.0	2.1	ug/L			06/10/24 16:37	10
1,1-Dichloropropene	ND		5.0	1.6	ug/L			06/10/24 16:37	10
1,2,3-Trichlorobenzene	ND		5.0	2.6	ug/L			06/10/24 16:37	10
1,2,3-Trichloropropane	ND		5.0	3.1	ug/L			06/10/24 16:37	10
1,2,4-Trichlorobenzene	ND		5.0	2.6	ug/L			06/10/24 16:37	10
1,2,4-Trimethylbenzene	6.9		5.0	2.2	ug/L			06/10/24 16:37	10
1,3,5-Trimethylbenzene	ND		5.0	1.9	ug/L			06/10/24 16:37	10
c-1,2-Dichloroethene	ND		5.0	1.6	ug/L			06/10/24 16:37	10
1,2-Dibromo-3-Chloropropane	ND	+	10	8.4	ug/L			06/10/24 16:37	10
1,2-Dichlorobenzene	ND		5.0	1.4	ug/L			06/10/24 16:37	10
1,2-Dichloroethane	ND		5.0	1.4	ug/L			06/10/24 16:37	10
1,2-Dichloropropane	ND		5.0	1.4	ug/L			06/10/24 16:37	10
t-1,2-Dichloroethene	ND		5.0	2.2	ug/L			06/10/24 16:37	10
c-1,3-Dichloropropene	ND		5.0	1.5	ug/L			06/10/24 16:37	10
1,3-Dichlorobenzene	ND		5.0	1.6	ug/L			06/10/24 16:37	10
1,3-Dichloropropane	ND		5.0	1.9	ug/L			06/10/24 16:37	10
t-1,3-Dichloropropene	ND		5.0	2.1	ug/L			06/10/24 16:37	10
1,4-Dichlorobenzene	ND		5.0	1.1	ug/L			06/10/24 16:37	10
2,2-Dichloropropane	ND		5.0	2.6	ug/L			06/10/24 16:37	10
2-Chlorotoluene	ND		5.0	2.3	ug/L			06/10/24 16:37	10
4-Chlorotoluene	ND		5.0	2.4	ug/L			06/10/24 16:37	10
4-Methyl-2-pentanone	ND		50	16	ug/L			06/10/24 16:37	10
Acetone	ND		80	36	ug/L			06/10/24 16:37	10
Bromobenzene	ND		5.0	1.4	ug/L			06/10/24 16:37	10
Bromochloromethane	ND		10	2.7	ug/L			06/10/24 16:37	10
Bromoform	ND	+	5.0	2.8	ug/L			06/10/24 16:37	10
Bromomethane	ND		20	19	ug/L			06/10/24 16:37	10
Carbon disulfide	ND		10	3.2	ug/L			06/10/24 16:37	10
Carbon tetrachloride	ND		5.0	2.7	ug/L			06/10/24 16:37	10
Chlorobenzene	ND		5.0	1.2	ug/L			06/10/24 16:37	10
Dibromochloromethane	ND		5.0	2.1	ug/L			06/10/24 16:37	10
Chloroethane	ND		5.0	3.8	ug/L			06/10/24 16:37	10
Chloroform	ND		5.0	1.7	ug/L			06/10/24 16:37	10
Chloromethane	ND		10	6.5	ug/L			06/10/24 16:37	10
Dibromomethane	ND		5.0	1.6	ug/L			06/10/24 16:37	10
Bromodichloromethane	ND		5.0	1.5	ug/L			06/10/24 16:37	10

Eurofins Calscience

Client Sample Results

Client: Stantec Consulting Services Inc
Project/Site: ExxonMobil Gladiola Station/238000257

Job ID: 570-186788-1

Client Sample ID: MW17

Lab Sample ID: 570-186788-1

Date Collected: 06/04/24 11:55

Matrix: Water

Date Received: 06/05/24 09:30

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	ND		10	5.1	ug/L			06/10/24 16:37	10
1,2-Dibromoethane	ND		5.0	2.7	ug/L			06/10/24 16:37	10
Hexachloro-1,3-butadiene	ND		10	2.6	ug/L			06/10/24 16:37	10
Isopropylbenzene	44		5.0	2.1	ug/L			06/10/24 16:37	10
2-Butanone	ND		50	29	ug/L			06/10/24 16:37	10
Methylene Chloride	ND		10	4.0	ug/L			06/10/24 16:37	10
2-Hexanone	ND		60	20	ug/L			06/10/24 16:37	10
Naphthalene	52		10	5.5	ug/L			06/10/24 16:37	10
n-Butylbenzene	2.5	J	5.0	2.4	ug/L			06/10/24 16:37	10
N-Propylbenzene	40		5.0	1.8	ug/L			06/10/24 16:37	10
p-Isopropyltoluene	ND		5.0	2.0	ug/L			06/10/24 16:37	10
sec-Butylbenzene	4.3	J	5.0	2.0	ug/L			06/10/24 16:37	10
Styrene	ND		5.0	2.7	ug/L			06/10/24 16:37	10
tert-Butylbenzene	ND		5.0	2.1	ug/L			06/10/24 16:37	10
Tetrachloroethene	ND		5.0	1.6	ug/L			06/10/24 16:37	10
Trichloroethene	ND		5.0	1.5	ug/L			06/10/24 16:37	10
Trichlorofluoromethane	ND		5.0	2.6	ug/L			06/10/24 16:37	10
Vinyl chloride	ND		5.0	2.3	ug/L			06/10/24 16:37	10
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	110		64 - 132					06/10/24 16:37	10
4-Bromofluorobenzene (Surr)	101		76 - 120					06/10/24 16:37	10
Dibromofluoromethane (Surr)	110		80 - 120					06/10/24 16:37	10
Toluene-d8 (Surr)	104		80 - 120					06/10/24 16:37	10

Method: SW846 8270C SIM - PAHs (GC/MS SIM)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	0.14	J	0.20	0.096	ug/L		06/07/24 05:17	06/14/24 14:48	1
Acenaphthylene	ND		0.20	0.068	ug/L		06/07/24 05:17	06/14/24 14:48	1
Anthracene	ND		0.20	0.059	ug/L		06/07/24 05:17	06/14/24 14:48	1
Benzo[a]anthracene	ND		0.20	0.085	ug/L		06/07/24 05:17	06/14/24 14:48	1
Benzo[a]pyrene	ND		0.20	0.062	ug/L		06/07/24 05:17	06/14/24 14:48	1
Benzo[b]fluoranthene	ND		0.20	0.17	ug/L		06/07/24 05:17	06/14/24 14:48	1
Benzo[g,h,i]perylene	ND		0.20	0.10	ug/L		06/07/24 05:17	06/14/24 14:48	1
Benzo[k]fluoranthene	ND		0.20	0.15	ug/L		06/07/24 05:17	06/14/24 14:48	1
Chrysene	ND		0.20	0.059	ug/L		06/07/24 05:17	06/14/24 14:48	1
Dibenz(a,h)anthracene	ND		0.20	0.11	ug/L		06/07/24 05:17	06/14/24 14:48	1
Fluoranthene	ND		0.20	0.14	ug/L		06/07/24 05:17	06/14/24 14:48	1
Fluorene	0.71		0.20	0.074	ug/L		06/07/24 05:17	06/14/24 14:48	1
Indeno[1,2,3-cd]pyrene	ND		0.20	0.10	ug/L		06/07/24 05:17	06/14/24 14:48	1
1-Methylnaphthalene	18		0.20	0.072	ug/L		06/07/24 05:17	06/14/24 14:48	1
2-Methylnaphthalene	19		0.20	0.076	ug/L		06/07/24 05:17	06/14/24 14:48	1
Naphthalene	43		0.20	0.15	ug/L		06/07/24 05:17	06/14/24 14:48	1
Phenanthrene	0.59		0.20	0.072	ug/L		06/07/24 05:17	06/14/24 14:48	1
Pyrene	ND		0.20	0.065	ug/L		06/07/24 05:17	06/14/24 14:48	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl (Surr)	67		33 - 144				06/07/24 05:17	06/14/24 14:48	1
Nitrobenzene-d5 (Surr)	69		28 - 139				06/07/24 05:17	06/14/24 14:48	1
p-Terphenyl-d14 (Surr)	65		23 - 160				06/07/24 05:17	06/14/24 14:48	1

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Client Sample Results

Client: Stantec Consulting Services Inc
Project/Site: ExxonMobil Gladiola Station/238000257

Job ID: 570-186788-1

Client Sample ID: MW17

Lab Sample ID: 570-186788-1

Date Collected: 06/04/24 11:55

Matrix: Water

Date Received: 06/05/24 09:30

Method: SW846 9056A - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromide	0.48		0.10	0.041	mg/L			06/05/24 19:49	1
Sulfate	0.24	J	1.0	0.24	mg/L			06/05/24 19:49	1

Method: EPA 245.1 - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.000156	J	0.000200	0.000124	mg/L		06/06/24 07:08	06/06/24 11:04	1

Method: SW846 6010B - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0206	J	0.100	0.0199	mg/L		06/06/24 06:28	06/06/24 14:02	1
Barium	10.2		0.0100	0.00111	mg/L		06/06/24 06:28	06/06/24 14:02	1
Cadmium	ND		0.0100	0.000620	mg/L		06/06/24 06:28	06/06/24 14:02	1
Chromium	ND		0.0500	0.00296	mg/L		06/06/24 06:28	06/06/24 14:02	1
Lead	ND		0.0500	0.00527	mg/L		06/06/24 06:28	06/06/24 14:02	1
Selenium	ND		0.0500	0.0162	mg/L		06/06/24 06:28	06/06/24 14:02	1
Silver	ND		0.0100	0.00259	mg/L		06/06/24 06:28	06/06/24 14:02	1

Method: SW846 6020 - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Calcium	51400		500	123	ug/L		06/06/24 06:57	06/07/24 09:20	5
Magnesium	215000		500	75.3	ug/L		06/06/24 06:57	06/07/24 09:20	5
Potassium	1260		500	83.1	ug/L		06/06/24 06:57	06/07/24 09:20	5
Sodium	30600	B	500	69.5	ug/L		06/06/24 06:57	06/07/24 09:20	5

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity, Total (As CaCO ₃) (SM 2320B)	949		5.00	2.18	mg/L			06/07/24 20:25	1
Bicarbonate (as CaCO ₃) (SM 2320B)	949		5.00	2.18	mg/L			06/07/24 20:25	1
Total Dissolved Solids (SM 2540C)	949		10.0	8.70	mg/L			06/06/24 15:45	1
Chloride (SM 4500 Cl- C)	4.53		2.00	0.596	mg/L			06/08/24 16:41	1

Client Sample ID: MW22

Lab Sample ID: 570-186788-2

Date Collected: 06/04/24 08:45

Matrix: Water

Date Received: 06/05/24 09:30

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.72		0.50	0.14	ug/L			06/10/24 17:02	1
Toluene	ND		0.50	0.14	ug/L			06/10/24 17:02	1
Ethylbenzene	ND		0.50	0.16	ug/L			06/10/24 17:02	1
o-Xylene	ND		0.50	0.18	ug/L			06/10/24 17:02	1
m,p-Xylene	ND		1.0	0.39	ug/L			06/10/24 17:02	1
Xylenes, Total	ND		1.0	0.39	ug/L			06/10/24 17:02	1
Methyl-t-Butyl Ether (MTBE)	ND		0.50	0.14	ug/L			06/10/24 17:02	1
1,1,1,2-Tetrachloroethane	ND		0.50	0.20	ug/L			06/10/24 17:02	1
1,1,1-Trichloroethane	ND		0.50	0.20	ug/L			06/10/24 17:02	1
1,1,2,2-Tetrachloroethane	ND		0.50	0.14	ug/L			06/10/24 17:02	1
1,1,2-Trichloroethane	ND		0.50	0.18	ug/L			06/10/24 17:02	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50	0.25	ug/L			06/10/24 17:02	1

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Client Sample Results

Client: Stantec Consulting Services Inc
 Project/Site: ExxonMobil Gladiola Station/238000257

Job ID: 570-186788-1

Client Sample ID: MW22

Lab Sample ID: 570-186788-2

Date Collected: 06/04/24 08:45

Matrix: Water

Date Received: 06/05/24 09:30

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	ND		0.50	0.21	ug/L			06/10/24 17:02	1
1,1-Dichloroethene	ND		0.50	0.21	ug/L			06/10/24 17:02	1
1,1-Dichloropropene	ND		0.50	0.16	ug/L			06/10/24 17:02	1
1,2,3-Trichlorobenzene	ND		0.50	0.26	ug/L			06/10/24 17:02	1
1,2,3-Trichloropropane	ND		0.50	0.31	ug/L			06/10/24 17:02	1
1,2,4-Trichlorobenzene	ND		0.50	0.26	ug/L			06/10/24 17:02	1
1,2,4-Trimethylbenzene	ND		0.50	0.22	ug/L			06/10/24 17:02	1
1,3,5-Trimethylbenzene	ND		0.50	0.19	ug/L			06/10/24 17:02	1
c-1,2-Dichloroethene	ND		0.50	0.16	ug/L			06/10/24 17:02	1
1,2-Dibromo-3-Chloropropane	ND	*+	1.0	0.84	ug/L			06/10/24 17:02	1
1,2-Dichlorobenzene	ND		0.50	0.14	ug/L			06/10/24 17:02	1
1,2-Dichloroethane	ND		0.50	0.14	ug/L			06/10/24 17:02	1
1,2-Dichloropropane	ND		0.50	0.14	ug/L			06/10/24 17:02	1
t-1,2-Dichloroethene	ND		0.50	0.22	ug/L			06/10/24 17:02	1
c-1,3-Dichloropropene	ND		0.50	0.15	ug/L			06/10/24 17:02	1
1,3-Dichlorobenzene	ND		0.50	0.16	ug/L			06/10/24 17:02	1
1,3-Dichloropropane	ND		0.50	0.19	ug/L			06/10/24 17:02	1
t-1,3-Dichloropropene	ND		0.50	0.21	ug/L			06/10/24 17:02	1
1,4-Dichlorobenzene	ND		0.50	0.11	ug/L			06/10/24 17:02	1
2,2-Dichloropropane	ND		0.50	0.26	ug/L			06/10/24 17:02	1
2-Chlorotoluene	ND		0.50	0.23	ug/L			06/10/24 17:02	1
4-Chlorotoluene	ND		0.50	0.24	ug/L			06/10/24 17:02	1
4-Methyl-2-pentanone	ND		5.0	1.6	ug/L			06/10/24 17:02	1
Acetone	ND		8.0	3.6	ug/L			06/10/24 17:02	1
Bromobenzene	ND		0.50	0.14	ug/L			06/10/24 17:02	1
Bromochloromethane	ND		1.0	0.27	ug/L			06/10/24 17:02	1
Bromoform	ND	*+	0.50	0.28	ug/L			06/10/24 17:02	1
Bromomethane	ND		2.0	1.9	ug/L			06/10/24 17:02	1
Carbon disulfide	ND		1.0	0.32	ug/L			06/10/24 17:02	1
Carbon tetrachloride	ND		0.50	0.27	ug/L			06/10/24 17:02	1
Chlorobenzene	ND		0.50	0.12	ug/L			06/10/24 17:02	1
Dibromochloromethane	ND		0.50	0.21	ug/L			06/10/24 17:02	1
Chloroethane	ND		0.50	0.38	ug/L			06/10/24 17:02	1
Chloroform	ND		0.50	0.17	ug/L			06/10/24 17:02	1
Chloromethane	ND		1.0	0.65	ug/L			06/10/24 17:02	1
Dibromomethane	ND		0.50	0.16	ug/L			06/10/24 17:02	1
Bromodichloromethane	ND		0.50	0.15	ug/L			06/10/24 17:02	1
Dichlorodifluoromethane	ND		1.0	0.51	ug/L			06/10/24 17:02	1
1,2-Dibromoethane	ND		0.50	0.27	ug/L			06/10/24 17:02	1
Hexachloro-1,3-butadiene	ND		1.0	0.26	ug/L			06/10/24 17:02	1
Isopropylbenzene	ND		0.50	0.21	ug/L			06/10/24 17:02	1
2-Butanone	ND		5.0	2.9	ug/L			06/10/24 17:02	1
Methylene Chloride	ND		1.0	0.40	ug/L			06/10/24 17:02	1
2-Hexanone	ND		6.0	2.0	ug/L			06/10/24 17:02	1
Naphthalene	0.57	J	1.0	0.55	ug/L			06/10/24 17:02	1
n-Butylbenzene	ND		0.50	0.24	ug/L			06/10/24 17:02	1
N-Propylbenzene	ND		0.50	0.18	ug/L			06/10/24 17:02	1
p-Isopropyltoluene	ND		0.50	0.20	ug/L			06/10/24 17:02	1
sec-Butylbenzene	ND		0.50	0.20	ug/L			06/10/24 17:02	1

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Client Sample Results

Client: Stantec Consulting Services Inc
Project/Site: ExxonMobil Gladiola Station/238000257

Job ID: 570-186788-1

Client Sample ID: MW22

Lab Sample ID: 570-186788-2

Date Collected: 06/04/24 08:45

Matrix: Water

Date Received: 06/05/24 09:30

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		0.50	0.27	ug/L			06/10/24 17:02	1
tert-Butylbenzene	ND		0.50	0.21	ug/L			06/10/24 17:02	1
Tetrachloroethene	ND		0.50	0.16	ug/L			06/10/24 17:02	1
Trichloroethene	ND		0.50	0.15	ug/L			06/10/24 17:02	1
Trichlorofluoromethane	ND		0.50	0.26	ug/L			06/10/24 17:02	1
Vinyl chloride	ND		0.50	0.23	ug/L			06/10/24 17:02	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	111		64 - 132		06/10/24 17:02	1
4-Bromofluorobenzene (Surr)	98		76 - 120		06/10/24 17:02	1
Dibromofluoromethane (Surr)	110		80 - 120		06/10/24 17:02	1
Toluene-d8 (Surr)	101		80 - 120		06/10/24 17:02	1

Method: SW846 8270C SIM - PAHs (GC/MS SIM)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		0.20	0.095	ug/L		06/07/24 05:17	06/14/24 15:09	1
Acenaphthylene	ND		0.20	0.068	ug/L		06/07/24 05:17	06/14/24 15:09	1
Anthracene	ND		0.20	0.058	ug/L		06/07/24 05:17	06/14/24 15:09	1
Benzo[a]anthracene	ND		0.20	0.084	ug/L		06/07/24 05:17	06/14/24 15:09	1
Benzo[a]pyrene	ND		0.20	0.061	ug/L		06/07/24 05:17	06/14/24 15:09	1
Benzo[b]fluoranthene	ND		0.20	0.17	ug/L		06/07/24 05:17	06/14/24 15:09	1
Benzo[g,h,i]perylene	ND		0.20	0.099	ug/L		06/07/24 05:17	06/14/24 15:09	1
Benzo[k]fluoranthene	ND		0.20	0.15	ug/L		06/07/24 05:17	06/14/24 15:09	1
Chrysene	ND		0.20	0.058	ug/L		06/07/24 05:17	06/14/24 15:09	1
Dibenz[a,h]anthracene	ND		0.20	0.11	ug/L		06/07/24 05:17	06/14/24 15:09	1
Fluoranthene	ND		0.20	0.14	ug/L		06/07/24 05:17	06/14/24 15:09	1
Fluorene	ND		0.20	0.073	ug/L		06/07/24 05:17	06/14/24 15:09	1
Indeno[1,2,3-cd]pyrene	ND		0.20	0.10	ug/L		06/07/24 05:17	06/14/24 15:09	1
1-Methylnaphthalene	ND		0.20	0.071	ug/L		06/07/24 05:17	06/14/24 15:09	1
2-Methylnaphthalene	ND		0.20	0.075	ug/L		06/07/24 05:17	06/14/24 15:09	1
Naphthalene	ND		0.20	0.15	ug/L		06/07/24 05:17	06/14/24 15:09	1
Phenanthrene	ND		0.20	0.071	ug/L		06/07/24 05:17	06/14/24 15:09	1
Pyrene	ND		0.20	0.065	ug/L		06/07/24 05:17	06/14/24 15:09	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl (Surr)	71		33 - 144	06/07/24 05:17	06/14/24 15:09	1
Nitrobenzene-d5 (Surr)	62		28 - 139	06/07/24 05:17	06/14/24 15:09	1
p-Terphenyl-d14 (Surr)	74		23 - 160	06/07/24 05:17	06/14/24 15:09	1

Method: SW846 9056A - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromide	0.37		0.10	0.041	mg/L			06/05/24 20:06	1

Method: SW846 9056A - Anions, Ion Chromatography - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	150		10	2.4	mg/L			06/05/24 22:54	10

Method: EPA 245.1 - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.000161	J	0.000200	0.000124	mg/L		06/06/24 07:08	06/06/24 11:09	1

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Client Sample Results

Client: Stantec Consulting Services Inc
Project/Site: ExxonMobil Gladiola Station/238000257

Job ID: 570-186788-1

Client Sample ID: MW22

Lab Sample ID: 570-186788-2

Date Collected: 06/04/24 08:45

Matrix: Water

Date Received: 06/05/24 09:30

Method: SW846 6010B - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0227	J	0.100	0.0199	mg/L		06/06/24 06:28	06/06/24 14:04	1
Barium	0.0475		0.0100	0.00111	mg/L		06/06/24 06:28	06/06/24 14:04	1
Cadmium	ND		0.0100	0.000620	mg/L		06/06/24 06:28	06/06/24 14:04	1
Chromium	0.0350	J	0.0500	0.00296	mg/L		06/06/24 06:28	06/06/24 14:04	1
Lead	0.00620	J	0.0500	0.00527	mg/L		06/06/24 06:28	06/06/24 14:04	1
Selenium	ND		0.0500	0.0162	mg/L		06/06/24 06:28	06/06/24 14:04	1
Silver	ND		0.0100	0.00259	mg/L		06/06/24 06:28	06/06/24 14:04	1

Method: SW846 6020 - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Calcium	86800		500	123	ug/L		06/06/24 06:57	06/07/24 09:22	5
Magnesium	28800		500	75.3	ug/L		06/06/24 06:57	06/07/24 09:22	5
Potassium	2780		500	83.1	ug/L		06/06/24 06:57	06/07/24 09:22	5
Sodium	105000	B	500	69.5	ug/L		06/06/24 06:57	06/07/24 09:22	5

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity, Total (As CaCO3) (SM 2320B)	283		5.00	2.18	mg/L			06/07/24 20:39	1
Bicarbonate (as CaCO3) (SM 2320B)	283		5.00	2.18	mg/L			06/07/24 20:39	1
Total Dissolved Solids (SM 2540C)	662		10.0	8.70	mg/L			06/06/24 15:45	1
Chloride (SM 4500 Cl- C)	28.6		2.00	0.596	mg/L			06/08/24 16:53	1

Client Sample ID: MW3

Lab Sample ID: 570-186788-3

Date Collected: 06/04/24 13:00

Matrix: Water

Date Received: 06/05/24 09:30

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	360		5.0	1.4	ug/L			06/10/24 17:27	10
Toluene	ND		5.0	1.4	ug/L			06/10/24 17:27	10
Ethylbenzene	340		5.0	1.6	ug/L			06/10/24 17:27	10
o-Xylene	ND		5.0	1.8	ug/L			06/10/24 17:27	10
m,p-Xylene	ND		10	3.9	ug/L			06/10/24 17:27	10
Xylenes, Total	ND		10	3.9	ug/L			06/10/24 17:27	10
Methyl-t-Butyl Ether (MTBE)	ND		5.0	1.4	ug/L			06/10/24 17:27	10
1,1,1,2-Tetrachloroethane	ND		5.0	2.0	ug/L			06/10/24 17:27	10
1,1,1-Trichloroethane	ND		5.0	2.0	ug/L			06/10/24 17:27	10
1,1,2,2-Tetrachloroethane	ND		5.0	1.4	ug/L			06/10/24 17:27	10
1,1,2-Trichloroethane	ND		5.0	1.8	ug/L			06/10/24 17:27	10
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.0	2.5	ug/L			06/10/24 17:27	10
1,1-Dichloroethane	ND		5.0	2.1	ug/L			06/10/24 17:27	10
1,1-Dichloroethene	ND		5.0	2.1	ug/L			06/10/24 17:27	10
1,1-Dichloropropene	ND		5.0	1.6	ug/L			06/10/24 17:27	10
1,2,3-Trichlorobenzene	ND		5.0	2.6	ug/L			06/10/24 17:27	10
1,2,3-Trichloropropane	ND		5.0	3.1	ug/L			06/10/24 17:27	10
1,2,4-Trichlorobenzene	ND		5.0	2.6	ug/L			06/10/24 17:27	10
1,2,4-Trimethylbenzene	ND		5.0	2.2	ug/L			06/10/24 17:27	10
1,3,5-Trimethylbenzene	ND		5.0	1.9	ug/L			06/10/24 17:27	10
c-1,2-Dichloroethene	ND		5.0	1.6	ug/L			06/10/24 17:27	10

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Client Sample Results

Client: Stantec Consulting Services Inc
Project/Site: ExxonMobil Gladiola Station/238000257

Job ID: 570-186788-1

Client Sample ID: MW3

Lab Sample ID: 570-186788-3

Date Collected: 06/04/24 13:00

Matrix: Water

Date Received: 06/05/24 09:30

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromo-3-Chloropropane	ND	*+	10	8.4	ug/L			06/10/24 17:27	10
1,2-Dichlorobenzene	ND		5.0	1.4	ug/L			06/10/24 17:27	10
1,2-Dichloroethane	ND		5.0	1.4	ug/L			06/10/24 17:27	10
1,2-Dichloropropane	ND		5.0	1.4	ug/L			06/10/24 17:27	10
t-1,2-Dichloroethene	ND		5.0	2.2	ug/L			06/10/24 17:27	10
c-1,3-Dichloropropene	ND		5.0	1.5	ug/L			06/10/24 17:27	10
1,3-Dichlorobenzene	ND		5.0	1.6	ug/L			06/10/24 17:27	10
1,3-Dichloropropane	ND		5.0	1.9	ug/L			06/10/24 17:27	10
t-1,3-Dichloropropene	ND		5.0	2.1	ug/L			06/10/24 17:27	10
1,4-Dichlorobenzene	ND		5.0	1.1	ug/L			06/10/24 17:27	10
2,2-Dichloropropane	ND		5.0	2.6	ug/L			06/10/24 17:27	10
2-Chlorotoluene	ND		5.0	2.3	ug/L			06/10/24 17:27	10
4-Chlorotoluene	ND		5.0	2.4	ug/L			06/10/24 17:27	10
4-Methyl-2-pentanone	ND		50	16	ug/L			06/10/24 17:27	10
Acetone	ND		80	36	ug/L			06/10/24 17:27	10
Bromobenzene	ND		5.0	1.4	ug/L			06/10/24 17:27	10
Bromochloromethane	ND		10	2.7	ug/L			06/10/24 17:27	10
Bromoform	ND	*+	5.0	2.8	ug/L			06/10/24 17:27	10
Bromomethane	ND		20	19	ug/L			06/10/24 17:27	10
Carbon disulfide	ND		10	3.2	ug/L			06/10/24 17:27	10
Carbon tetrachloride	ND		5.0	2.7	ug/L			06/10/24 17:27	10
Chlorobenzene	ND		5.0	1.2	ug/L			06/10/24 17:27	10
Dibromochloromethane	ND		5.0	2.1	ug/L			06/10/24 17:27	10
Chloroethane	ND		5.0	3.8	ug/L			06/10/24 17:27	10
Chloroform	ND		5.0	1.7	ug/L			06/10/24 17:27	10
Chloromethane	ND		10	6.5	ug/L			06/10/24 17:27	10
Dibromomethane	ND		5.0	1.6	ug/L			06/10/24 17:27	10
Bromodichloromethane	ND		5.0	1.5	ug/L			06/10/24 17:27	10
Dichlorodifluoromethane	ND		10	5.1	ug/L			06/10/24 17:27	10
1,2-Dibromoethane	ND		5.0	2.7	ug/L			06/10/24 17:27	10
Hexachloro-1,3-butadiene	ND		10	2.6	ug/L			06/10/24 17:27	10
Isopropylbenzene	28		5.0	2.1	ug/L			06/10/24 17:27	10
2-Butanone	ND		50	29	ug/L			06/10/24 17:27	10
Methylene Chloride	ND		10	4.0	ug/L			06/10/24 17:27	10
2-Hexanone	ND		60	20	ug/L			06/10/24 17:27	10
Naphthalene	34		10	5.5	ug/L			06/10/24 17:27	10
n-Butylbenzene	ND		5.0	2.4	ug/L			06/10/24 17:27	10
N-Propylbenzene	26		5.0	1.8	ug/L			06/10/24 17:27	10
p-Isopropyltoluene	ND		5.0	2.0	ug/L			06/10/24 17:27	10
sec-Butylbenzene	3.7	J	5.0	2.0	ug/L			06/10/24 17:27	10
Styrene	ND		5.0	2.7	ug/L			06/10/24 17:27	10
tert-Butylbenzene	ND		5.0	2.1	ug/L			06/10/24 17:27	10
Tetrachloroethene	ND		5.0	1.6	ug/L			06/10/24 17:27	10
Trichloroethene	ND		5.0	1.5	ug/L			06/10/24 17:27	10
Trichlorofluoromethane	ND		5.0	2.6	ug/L			06/10/24 17:27	10
Vinyl chloride	ND		5.0	2.3	ug/L			06/10/24 17:27	10
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	112		64 - 132					06/10/24 17:27	10
4-Bromofluorobenzene (Surr)	102		76 - 120					06/10/24 17:27	10

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Client Sample Results

Client: Stantec Consulting Services Inc
Project/Site: ExxonMobil Gladiola Station/238000257

Job ID: 570-186788-1

Client Sample ID: MW3

Lab Sample ID: 570-186788-3

Date Collected: 06/04/24 13:00

Matrix: Water

Date Received: 06/05/24 09:30

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Dibromofluoromethane (Surr)	109		80 - 120		06/10/24 17:27	10
Toluene-d8 (Surr)	103		80 - 120		06/10/24 17:27	10

Method: SW846 8270C SIM - PAHs (GC/MS SIM)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	0.13	J	0.21	0.10	ug/L		06/07/24 05:17	06/14/24 15:30	1
Acenaphthylene	ND		0.21	0.073	ug/L		06/07/24 05:17	06/14/24 15:30	1
Anthracene	ND		0.21	0.062	ug/L		06/07/24 05:17	06/14/24 15:30	1
Benzo[a]anthracene	ND		0.21	0.090	ug/L		06/07/24 05:17	06/14/24 15:30	1
Benzo[a]pyrene	ND		0.21	0.066	ug/L		06/07/24 05:17	06/14/24 15:30	1
Benzo[b]fluoranthene	ND		0.21	0.18	ug/L		06/07/24 05:17	06/14/24 15:30	1
Benzo[g,h,i]perylene	ND		0.21	0.11	ug/L		06/07/24 05:17	06/14/24 15:30	1
Benzo[k]fluoranthene	ND		0.21	0.16	ug/L		06/07/24 05:17	06/14/24 15:30	1
Chrysene	ND		0.21	0.062	ug/L		06/07/24 05:17	06/14/24 15:30	1
Dibenz(a,h)anthracene	ND		0.21	0.12	ug/L		06/07/24 05:17	06/14/24 15:30	1
Fluoranthene	ND		0.21	0.15	ug/L		06/07/24 05:17	06/14/24 15:30	1
Fluorene	0.69		0.21	0.079	ug/L		06/07/24 05:17	06/14/24 15:30	1
Indeno[1,2,3-cd]pyrene	ND		0.21	0.11	ug/L		06/07/24 05:17	06/14/24 15:30	1
1-Methylnaphthalene	17		0.21	0.077	ug/L		06/07/24 05:17	06/14/24 15:30	1
2-Methylnaphthalene	19		0.21	0.081	ug/L		06/07/24 05:17	06/14/24 15:30	1
Naphthalene	34		0.21	0.16	ug/L		06/07/24 05:17	06/14/24 15:30	1
Phenanthrene	0.38		0.21	0.077	ug/L		06/07/24 05:17	06/14/24 15:30	1
Pyrene	ND		0.21	0.070	ug/L		06/07/24 05:17	06/14/24 15:30	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl (Surr)	72		33 - 144	06/07/24 05:17	06/14/24 15:30	1
Nitrobenzene-d5 (Surr)	66		28 - 139	06/07/24 05:17	06/14/24 15:30	1
p-Terphenyl-d14 (Surr)	71		23 - 160	06/07/24 05:17	06/14/24 15:30	1

Method: SW846 9056A - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromide	0.95		0.10	0.041	mg/L			06/05/24 20:22	1
Sulfate	0.95	J	1.0	0.24	mg/L			06/05/24 20:22	1

Method: EPA 245.1 - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.000200	0.000124	mg/L		06/07/24 11:51	06/07/24 20:44	1

Method: SW846 6010B - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0282	J	0.100	0.0199	mg/L		06/07/24 07:34	06/07/24 19:50	1
Barium	8.35		0.0100	0.00111	mg/L		06/07/24 07:34	06/07/24 19:50	1
Cadmium	ND		0.0100	0.000620	mg/L		06/07/24 07:34	06/07/24 19:50	1
Chromium	0.00320	J	0.0500	0.00296	mg/L		06/07/24 07:34	06/07/24 19:50	1
Lead	ND		0.0500	0.00527	mg/L		06/07/24 07:34	06/07/24 19:50	1
Selenium	ND		0.0500	0.0162	mg/L		06/07/24 07:34	06/07/24 19:50	1
Silver	ND		0.0100	0.00259	mg/L		06/07/24 07:34	06/07/24 19:50	1

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Client Sample Results

Client: Stantec Consulting Services Inc
Project/Site: ExxonMobil Gladiola Station/238000257

Job ID: 570-186788-1

Client Sample ID: MW3

Lab Sample ID: 570-186788-3

Date Collected: 06/04/24 13:00

Matrix: Water

Date Received: 06/05/24 09:30

Method: SW846 6020 - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Calcium	59200		100	24.6	ug/L		06/07/24 07:02	06/07/24 12:37	1
Magnesium	305000		500	75.3	ug/L		06/07/24 07:02	06/07/24 13:18	5
Potassium	1600	B	100	16.6	ug/L		06/07/24 07:02	06/07/24 12:37	1
Sodium	47700	B	100	13.9	ug/L		06/07/24 07:02	06/07/24 12:37	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity, Total (As CaCO ₃) (SM 2320B)	1210		5.00	2.18	mg/L			06/07/24 20:47	1
Bicarbonate (as CaCO ₃) (SM 2320B)	1210		5.00	2.18	mg/L			06/07/24 20:47	1
Total Dissolved Solids (SM 2540C)	1310		10.0	8.70	mg/L			06/06/24 15:45	1
Chloride (SM 4500 Cl- C)	17.3		2.00	0.596	mg/L			06/08/24 16:57	1

Client Sample ID: MW27

Lab Sample ID: 570-186788-4

Date Collected: 06/04/24 11:15

Matrix: Water

Date Received: 06/05/24 09:30

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.50	0.14	ug/L			06/10/24 17:52	1
Toluene	ND		0.50	0.14	ug/L			06/10/24 17:52	1
Ethylbenzene	ND		0.50	0.16	ug/L			06/10/24 17:52	1
o-Xylene	ND		0.50	0.18	ug/L			06/10/24 17:52	1
m,p-Xylene	ND		1.0	0.39	ug/L			06/10/24 17:52	1
Xylenes, Total	ND		1.0	0.39	ug/L			06/10/24 17:52	1
Methyl-t-Butyl Ether (MTBE)	ND		0.50	0.14	ug/L			06/10/24 17:52	1
1,1,1,2-Tetrachloroethane	ND		0.50	0.20	ug/L			06/10/24 17:52	1
1,1,1-Trichloroethane	ND		0.50	0.20	ug/L			06/10/24 17:52	1
1,1,2,2-Tetrachloroethane	ND		0.50	0.14	ug/L			06/10/24 17:52	1
1,1,2-Trichloroethane	ND		0.50	0.18	ug/L			06/10/24 17:52	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50	0.25	ug/L			06/10/24 17:52	1
1,1-Dichloroethane	ND		0.50	0.21	ug/L			06/10/24 17:52	1
1,1-Dichloroethene	ND		0.50	0.21	ug/L			06/10/24 17:52	1
1,1-Dichloropropene	ND		0.50	0.16	ug/L			06/10/24 17:52	1
1,2,3-Trichlorobenzene	ND		0.50	0.26	ug/L			06/10/24 17:52	1
1,2,3-Trichloropropane	ND		0.50	0.31	ug/L			06/10/24 17:52	1
1,2,4-Trichlorobenzene	ND		0.50	0.26	ug/L			06/10/24 17:52	1
1,2,4-Trimethylbenzene	ND		0.50	0.22	ug/L			06/10/24 17:52	1
1,3,5-Trimethylbenzene	ND		0.50	0.19	ug/L			06/10/24 17:52	1
c-1,2-Dichloroethene	ND		0.50	0.16	ug/L			06/10/24 17:52	1
1,2-Dibromo-3-Chloropropane	ND	++	1.0	0.84	ug/L			06/10/24 17:52	1
1,2-Dichlorobenzene	ND		0.50	0.14	ug/L			06/10/24 17:52	1
1,2-Dichloroethane	ND		0.50	0.14	ug/L			06/10/24 17:52	1
1,2-Dichloropropane	ND		0.50	0.14	ug/L			06/10/24 17:52	1
t-1,2-Dichloroethene	ND		0.50	0.22	ug/L			06/10/24 17:52	1
c-1,3-Dichloropropene	ND		0.50	0.15	ug/L			06/10/24 17:52	1
1,3-Dichlorobenzene	ND		0.50	0.16	ug/L			06/10/24 17:52	1
1,3-Dichloropropane	ND		0.50	0.19	ug/L			06/10/24 17:52	1
t-1,3-Dichloropropene	ND		0.50	0.21	ug/L			06/10/24 17:52	1
1,4-Dichlorobenzene	ND		0.50	0.11	ug/L			06/10/24 17:52	1

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Client Sample Results

Client: Stantec Consulting Services Inc

Project/Site: ExxonMobil Gladiola Station/238000257

Job ID: 570-186788-1

Client Sample ID: MW27

Lab Sample ID: 570-186788-4

Date Collected: 06/04/24 11:15

Matrix: Water

Date Received: 06/05/24 09:30

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,2-Dichloropropane	ND		0.50	0.26	ug/L			06/10/24 17:52	1
2-Chlorotoluene	ND		0.50	0.23	ug/L			06/10/24 17:52	1
4-Chlorotoluene	ND		0.50	0.24	ug/L			06/10/24 17:52	1
4-Methyl-2-pentanone	ND		5.0	1.6	ug/L			06/10/24 17:52	1
Acetone	ND		8.0	3.6	ug/L			06/10/24 17:52	1
Bromobenzene	ND		0.50	0.14	ug/L			06/10/24 17:52	1
Bromochloromethane	ND		1.0	0.27	ug/L			06/10/24 17:52	1
Bromoform	ND	*+	0.50	0.28	ug/L			06/10/24 17:52	1
Bromomethane	ND		2.0	1.9	ug/L			06/10/24 17:52	1
Carbon disulfide	ND		1.0	0.32	ug/L			06/10/24 17:52	1
Carbon tetrachloride	ND		0.50	0.27	ug/L			06/10/24 17:52	1
Chlorobenzene	ND		0.50	0.12	ug/L			06/10/24 17:52	1
Dibromochloromethane	ND		0.50	0.21	ug/L			06/10/24 17:52	1
Chloroethane	ND		0.50	0.38	ug/L			06/10/24 17:52	1
Chloroform	ND		0.50	0.17	ug/L			06/10/24 17:52	1
Chloromethane	ND		1.0	0.65	ug/L			06/10/24 17:52	1
Dibromomethane	ND		0.50	0.16	ug/L			06/10/24 17:52	1
Bromodichloromethane	ND		0.50	0.15	ug/L			06/10/24 17:52	1
Dichlorodifluoromethane	ND		1.0	0.51	ug/L			06/10/24 17:52	1
1,2-Dibromoethane	ND		0.50	0.27	ug/L			06/10/24 17:52	1
Hexachloro-1,3-butadiene	ND		1.0	0.26	ug/L			06/10/24 17:52	1
Isopropylbenzene	ND		0.50	0.21	ug/L			06/10/24 17:52	1
2-Butanone	ND		5.0	2.9	ug/L			06/10/24 17:52	1
Methylene Chloride	ND		1.0	0.40	ug/L			06/10/24 17:52	1
2-Hexanone	ND		6.0	2.0	ug/L			06/10/24 17:52	1
Naphthalene	ND		1.0	0.55	ug/L			06/10/24 17:52	1
n-Butylbenzene	ND		0.50	0.24	ug/L			06/10/24 17:52	1
N-Propylbenzene	ND		0.50	0.18	ug/L			06/10/24 17:52	1
p-Isopropyltoluene	ND		0.50	0.20	ug/L			06/10/24 17:52	1
sec-Butylbenzene	ND		0.50	0.20	ug/L			06/10/24 17:52	1
Styrene	ND		0.50	0.27	ug/L			06/10/24 17:52	1
tert-Butylbenzene	ND		0.50	0.21	ug/L			06/10/24 17:52	1
Tetrachloroethene	ND		0.50	0.16	ug/L			06/10/24 17:52	1
Trichloroethene	ND		0.50	0.15	ug/L			06/10/24 17:52	1
Trichlorofluoromethane	ND		0.50	0.26	ug/L			06/10/24 17:52	1
Vinyl chloride	ND		0.50	0.23	ug/L			06/10/24 17:52	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	112		64 - 132					06/10/24 17:52	1
4-Bromofluorobenzene (Surr)	98		76 - 120					06/10/24 17:52	1
Dibromofluoromethane (Surr)	112		80 - 120					06/10/24 17:52	1
Toluene-d8 (Surr)	99		80 - 120					06/10/24 17:52	1

Method: SW846 8270C SIM - PAHs (GC/MS SIM)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		0.20	0.097	ug/L		06/07/24 05:17	06/14/24 15:52	1
Acenaphthylene	ND		0.20	0.069	ug/L		06/07/24 05:17	06/14/24 15:52	1
Anthracene	ND		0.20	0.059	ug/L		06/07/24 05:17	06/14/24 15:52	1
Benzo[a]anthracene	ND		0.20	0.086	ug/L		06/07/24 05:17	06/14/24 15:52	1
Benzo[a]pyrene	ND		0.20	0.062	ug/L		06/07/24 05:17	06/14/24 15:52	1

Eurofins Calscience

Client Sample Results

Client: Stantec Consulting Services Inc
Project/Site: ExxonMobil Gladiola Station/238000257

Job ID: 570-186788-1

Client Sample ID: MW27

Lab Sample ID: 570-186788-4

Date Collected: 06/04/24 11:15

Matrix: Water

Date Received: 06/05/24 09:30

Method: SW846 8270C SIM - PAHs (GC/MS SIM) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[b]fluoranthene	ND		0.20	0.18	ug/L		06/07/24 05:17	06/14/24 15:52	1
Benzo[g,h,i]perylene	ND		0.20	0.10	ug/L		06/07/24 05:17	06/14/24 15:52	1
Benzo[k]fluoranthene	ND		0.20	0.15	ug/L		06/07/24 05:17	06/14/24 15:52	1
Chrysene	ND		0.20	0.059	ug/L		06/07/24 05:17	06/14/24 15:52	1
Dibenz[a,h]anthracene	ND		0.20	0.11	ug/L		06/07/24 05:17	06/14/24 15:52	1
Fluoranthene	ND		0.20	0.14	ug/L		06/07/24 05:17	06/14/24 15:52	1
Fluorene	ND		0.20	0.075	ug/L		06/07/24 05:17	06/14/24 15:52	1
Indeno[1,2,3-cd]pyrene	ND		0.20	0.11	ug/L		06/07/24 05:17	06/14/24 15:52	1
1-Methylnaphthalene	ND		0.20	0.073	ug/L		06/07/24 05:17	06/14/24 15:52	1
2-Methylnaphthalene	ND		0.20	0.077	ug/L		06/07/24 05:17	06/14/24 15:52	1
Naphthalene	ND		0.20	0.15	ug/L		06/07/24 05:17	06/14/24 15:52	1
Phenanthrene	ND		0.20	0.073	ug/L		06/07/24 05:17	06/14/24 15:52	1
Pyrene	ND		0.20	0.066	ug/L		06/07/24 05:17	06/14/24 15:52	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl (Surr)	75		33 - 144	06/07/24 05:17	06/14/24 15:52	1
Nitrobenzene-d5 (Surr)	77		28 - 139	06/07/24 05:17	06/14/24 15:52	1
p-Terphenyl-d14 (Surr)	86		23 - 160	06/07/24 05:17	06/14/24 15:52	1

Method: SW846 9056A - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromide	0.85		0.10	0.041	mg/L			06/05/24 20:39	1

Method: SW846 9056A - Anions, Ion Chromatography - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	140		10	2.4	mg/L			06/05/24 23:28	10

Method: EPA 245.1 - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.000200	0.000124	mg/L		06/06/24 07:08	06/06/24 11:15	1

Method: SW846 6010B - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		0.100	0.0199	mg/L		06/06/24 06:28	06/06/24 14:06	1
Barium	0.0436		0.0100	0.00111	mg/L		06/06/24 06:28	06/06/24 14:06	1
Cadmium	ND		0.0100	0.000620	mg/L		06/06/24 06:28	06/06/24 14:06	1
Chromium	ND		0.0500	0.00296	mg/L		06/06/24 06:28	06/06/24 14:06	1
Lead	ND		0.0500	0.00527	mg/L		06/06/24 06:28	06/06/24 14:06	1
Selenium	ND		0.0500	0.0162	mg/L		06/06/24 06:28	06/06/24 14:06	1
Silver	ND		0.0100	0.00259	mg/L		06/06/24 06:28	06/06/24 14:06	1

Method: SW846 6020 - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Calcium	134000		500	123	ug/L		06/06/24 06:57	06/07/24 09:24	5
Magnesium	27700		500	75.3	ug/L		06/06/24 06:57	06/07/24 09:24	5
Potassium	2980		500	83.1	ug/L		06/06/24 06:57	06/07/24 09:24	5
Sodium	125000	B	500	69.5	ug/L		06/06/24 06:57	06/07/24 09:24	5

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Client Sample Results

Client: Stantec Consulting Services Inc
Project/Site: ExxonMobil Gladiola Station/238000257

Job ID: 570-186788-1

Client Sample ID: MW27

Lab Sample ID: 570-186788-4

Date Collected: 06/04/24 11:15

Matrix: Water

Date Received: 06/05/24 09:30

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity, Total (As CaCO ₃) (SM 2320B)	186		5.00	2.18	mg/L			06/07/24 20:54	1
Bicarbonate (as CaCO ₃) (SM 2320B)	186		5.00	2.18	mg/L			06/07/24 20:54	1
Total Dissolved Solids (SM 2540C)	1030		10.0	8.70	mg/L			06/06/24 14:00	1
Chloride (SM 4500 Cl- C)	297		10.0	2.98	mg/L			06/08/24 17:01	1

Client Sample ID: MW28

Lab Sample ID: 570-186788-5

Date Collected: 06/04/24 10:25

Matrix: Water

Date Received: 06/05/24 09:30

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.50	0.14	ug/L			06/10/24 18:17	1
Toluene	ND		0.50	0.14	ug/L			06/10/24 18:17	1
Ethylbenzene	ND		0.50	0.16	ug/L			06/10/24 18:17	1
o-Xylene	ND		0.50	0.18	ug/L			06/10/24 18:17	1
m,p-Xylene	ND		1.0	0.39	ug/L			06/10/24 18:17	1
Xylenes, Total	ND		1.0	0.39	ug/L			06/10/24 18:17	1
Methyl-t-Butyl Ether (MTBE)	ND		0.50	0.14	ug/L			06/10/24 18:17	1
1,1,1,2-Tetrachloroethane	ND		0.50	0.20	ug/L			06/10/24 18:17	1
1,1,1-Trichloroethane	ND		0.50	0.20	ug/L			06/10/24 18:17	1
1,1,2,2-Tetrachloroethane	ND		0.50	0.14	ug/L			06/10/24 18:17	1
1,1,2-Trichloroethane	ND		0.50	0.18	ug/L			06/10/24 18:17	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50	0.25	ug/L			06/10/24 18:17	1
1,1-Dichloroethane	ND		0.50	0.21	ug/L			06/10/24 18:17	1
1,1-Dichloroethene	ND		0.50	0.21	ug/L			06/10/24 18:17	1
1,1-Dichloropropene	ND		0.50	0.16	ug/L			06/10/24 18:17	1
1,2,3-Trichlorobenzene	ND		0.50	0.26	ug/L			06/10/24 18:17	1
1,2,3-Trichloropropane	ND		0.50	0.31	ug/L			06/10/24 18:17	1
1,2,4-Trichlorobenzene	ND		0.50	0.26	ug/L			06/10/24 18:17	1
1,2,4-Trimethylbenzene	ND		0.50	0.22	ug/L			06/10/24 18:17	1
1,3,5-Trimethylbenzene	ND		0.50	0.19	ug/L			06/10/24 18:17	1
c-1,2-Dichloroethene	ND		0.50	0.16	ug/L			06/10/24 18:17	1
1,2-Dibromo-3-Chloropropane	ND	+	1.0	0.84	ug/L			06/10/24 18:17	1
1,2-Dichlorobenzene	ND		0.50	0.14	ug/L			06/10/24 18:17	1
1,2-Dichloroethane	ND		0.50	0.14	ug/L			06/10/24 18:17	1
1,2-Dichloropropane	ND		0.50	0.14	ug/L			06/10/24 18:17	1
t-1,2-Dichloroethene	ND		0.50	0.22	ug/L			06/10/24 18:17	1
c-1,3-Dichloropropene	ND		0.50	0.15	ug/L			06/10/24 18:17	1
1,3-Dichlorobenzene	ND		0.50	0.16	ug/L			06/10/24 18:17	1
1,3-Dichloropropane	ND		0.50	0.19	ug/L			06/10/24 18:17	1
t-1,3-Dichloropropene	ND		0.50	0.21	ug/L			06/10/24 18:17	1
1,4-Dichlorobenzene	ND		0.50	0.11	ug/L			06/10/24 18:17	1
2,2-Dichloropropane	ND		0.50	0.26	ug/L			06/10/24 18:17	1
2-Chlorotoluene	ND		0.50	0.23	ug/L			06/10/24 18:17	1
4-Chlorotoluene	ND		0.50	0.24	ug/L			06/10/24 18:17	1
4-Methyl-2-pentanone	ND		5.0	1.6	ug/L			06/10/24 18:17	1
Acetone	ND		8.0	3.6	ug/L			06/10/24 18:17	1
Bromobenzene	ND		0.50	0.14	ug/L			06/10/24 18:17	1

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Client Sample Results

Client: Stantec Consulting Services Inc
Project/Site: ExxonMobil Gladiola Station/238000257

Job ID: 570-186788-1

Client Sample ID: MW28

Lab Sample ID: 570-186788-5

Date Collected: 06/04/24 10:25

Matrix: Water

Date Received: 06/05/24 09:30

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromochloromethane	ND		1.0	0.27	ug/L			06/10/24 18:17	1
Bromoform	ND	*+	0.50	0.28	ug/L			06/10/24 18:17	1
Bromomethane	ND		2.0	1.9	ug/L			06/10/24 18:17	1
Carbon disulfide	ND		1.0	0.32	ug/L			06/10/24 18:17	1
Carbon tetrachloride	ND		0.50	0.27	ug/L			06/10/24 18:17	1
Chlorobenzene	ND		0.50	0.12	ug/L			06/10/24 18:17	1
Dibromochloromethane	ND		0.50	0.21	ug/L			06/10/24 18:17	1
Chloroethane	ND		0.50	0.38	ug/L			06/10/24 18:17	1
Chloroform	ND		0.50	0.17	ug/L			06/10/24 18:17	1
Chloromethane	ND		1.0	0.65	ug/L			06/10/24 18:17	1
Dibromomethane	ND		0.50	0.16	ug/L			06/10/24 18:17	1
Bromodichloromethane	ND		0.50	0.15	ug/L			06/10/24 18:17	1
Dichlorodifluoromethane	ND		1.0	0.51	ug/L			06/10/24 18:17	1
1,2-Dibromoethane	ND		0.50	0.27	ug/L			06/10/24 18:17	1
Hexachloro-1,3-butadiene	ND		1.0	0.26	ug/L			06/10/24 18:17	1
Isopropylbenzene	ND		0.50	0.21	ug/L			06/10/24 18:17	1
2-Butanone	ND		5.0	2.9	ug/L			06/10/24 18:17	1
Methylene Chloride	ND		1.0	0.40	ug/L			06/10/24 18:17	1
2-Hexanone	ND		6.0	2.0	ug/L			06/10/24 18:17	1
Naphthalene	ND		1.0	0.55	ug/L			06/10/24 18:17	1
n-Butylbenzene	ND		0.50	0.24	ug/L			06/10/24 18:17	1
N-Propylbenzene	ND		0.50	0.18	ug/L			06/10/24 18:17	1
p-Isopropyltoluene	ND		0.50	0.20	ug/L			06/10/24 18:17	1
sec-Butylbenzene	ND		0.50	0.20	ug/L			06/10/24 18:17	1
Styrene	ND		0.50	0.27	ug/L			06/10/24 18:17	1
tert-Butylbenzene	ND		0.50	0.21	ug/L			06/10/24 18:17	1
Tetrachloroethene	ND		0.50	0.16	ug/L			06/10/24 18:17	1
Trichloroethene	ND		0.50	0.15	ug/L			06/10/24 18:17	1
Trichlorofluoromethane	ND		0.50	0.26	ug/L			06/10/24 18:17	1
Vinyl chloride	ND		0.50	0.23	ug/L			06/10/24 18:17	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	116		64 - 132		06/10/24 18:17	1
4-Bromofluorobenzene (Surr)	99		76 - 120		06/10/24 18:17	1
Dibromofluoromethane (Surr)	111		80 - 120		06/10/24 18:17	1
Toluene-d8 (Surr)	101		80 - 120		06/10/24 18:17	1

Method: SW846 8270C SIM - PAHs (GC/MS SIM)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		0.19	0.094	ug/L		06/07/24 05:17	06/14/24 16:13	1
Acenaphthylene	ND		0.19	0.067	ug/L		06/07/24 05:17	06/14/24 16:13	1
Anthracene	ND		0.19	0.057	ug/L		06/07/24 05:17	06/14/24 16:13	1
Benzo[a]anthracene	ND		0.19	0.083	ug/L		06/07/24 05:17	06/14/24 16:13	1
Benzo[a]pyrene	ND		0.19	0.060	ug/L		06/07/24 05:17	06/14/24 16:13	1
Benzo[b]fluoranthene	ND		0.19	0.17	ug/L		06/07/24 05:17	06/14/24 16:13	1
Benzo[g,h,i]perylene	ND		0.19	0.098	ug/L		06/07/24 05:17	06/14/24 16:13	1
Benzo[k]fluoranthene	ND		0.19	0.15	ug/L		06/07/24 05:17	06/14/24 16:13	1
Chrysene	ND		0.19	0.057	ug/L		06/07/24 05:17	06/14/24 16:13	1
Dibenz(a,h)anthracene	ND		0.19	0.11	ug/L		06/07/24 05:17	06/14/24 16:13	1
Fluoranthene	ND		0.19	0.13	ug/L		06/07/24 05:17	06/14/24 16:13	1

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Client Sample Results

Client: Stantec Consulting Services Inc
Project/Site: ExxonMobil Gladiola Station/238000257

Job ID: 570-186788-1

Client Sample ID: MW28

Lab Sample ID: 570-186788-5

Date Collected: 06/04/24 10:25

Matrix: Water

Date Received: 06/05/24 09:30

Method: SW846 8270C SIM - PAHs (GC/MS SIM) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluorene	ND		0.19	0.072	ug/L		06/07/24 05:17	06/14/24 16:13	1
Indeno[1,2,3-cd]pyrene	ND		0.19	0.10	ug/L		06/07/24 05:17	06/14/24 16:13	1
1-Methylnaphthalene	ND		0.19	0.071	ug/L		06/07/24 05:17	06/14/24 16:13	1
2-Methylnaphthalene	ND		0.19	0.075	ug/L		06/07/24 05:17	06/14/24 16:13	1
Naphthalene	ND		0.19	0.14	ug/L		06/07/24 05:17	06/14/24 16:13	1
Phenanthrene	ND		0.19	0.071	ug/L		06/07/24 05:17	06/14/24 16:13	1
Pyrene	ND		0.19	0.064	ug/L		06/07/24 05:17	06/14/24 16:13	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl (Surr)	92		33 - 144	06/07/24 05:17	06/14/24 16:13	1
Nitrobenzene-d5 (Surr)	74		28 - 139	06/07/24 05:17	06/14/24 16:13	1
p-Terphenyl-d14 (Surr)	77		23 - 160	06/07/24 05:17	06/14/24 16:13	1

Method: SW846 9056A - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromide	0.78		0.10	0.041	mg/L			06/05/24 20:56	1

Method: SW846 9056A - Anions, Ion Chromatography - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	370		10	2.4	mg/L			06/05/24 23:45	10

Method: EPA 245.1 - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.000200	0.000124	mg/L		06/06/24 07:08	06/06/24 11:17	1

Method: SW846 6010B - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		0.100	0.0199	mg/L		06/06/24 06:28	06/06/24 14:34	1
Barium	0.0443		0.0100	0.00111	mg/L		06/06/24 06:28	06/06/24 14:34	1
Cadmium	ND		0.0100	0.000620	mg/L		06/06/24 06:28	06/06/24 14:34	1
Chromium	ND		0.0500	0.00296	mg/L		06/06/24 06:28	06/06/24 14:34	1
Lead	ND		0.0500	0.00527	mg/L		06/06/24 06:28	06/06/24 14:34	1
Selenium	0.0170	J	0.0500	0.0162	mg/L		06/06/24 06:28	06/06/24 14:34	1
Silver	ND		0.0100	0.00259	mg/L		06/06/24 06:28	06/06/24 14:34	1

Method: SW846 6020 - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Calcium	150000		500	123	ug/L		06/06/24 06:57	06/07/24 09:26	5
Magnesium	36800		500	75.3	ug/L		06/06/24 06:57	06/07/24 09:26	5
Potassium	3290		500	83.1	ug/L		06/06/24 06:57	06/07/24 09:26	5
Sodium	146000	B	500	69.5	ug/L		06/06/24 06:57	06/07/24 09:26	5

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity, Total (As CaCO3) (SM 2320B)	158		5.00	2.18	mg/L			06/07/24 21:01	1
Bicarbonate (as CaCO3) (SM 2320B)	158		5.00	2.18	mg/L			06/07/24 21:01	1
Total Dissolved Solids (SM 2540C)	1170		10.0	8.70	mg/L			06/06/24 14:00	1
Chloride (SM 4500 Cl- C)	174		10.0	2.98	mg/L			06/08/24 17:04	1

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Client Sample Results

Client: Stantec Consulting Services Inc
Project/Site: ExxonMobil Gladiola Station/238000257

Job ID: 570-186788-1

Client Sample ID: MW6

Lab Sample ID: 570-186788-6

Date Collected: 06/04/24 12:20

Matrix: Water

Date Received: 06/05/24 09:30

Method: SW846 8270C SIM - PAHs (GC/MS SIM)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	1.3		0.19	0.094	ug/L		06/07/24 05:17	06/11/24 21:04	1
Acenaphthylene	0.86		0.19	0.066	ug/L		06/07/24 05:17	06/11/24 21:04	1
Anthracene	ND		0.19	0.057	ug/L		06/07/24 05:17	06/11/24 21:04	1
Benzo[a]anthracene	ND		0.19	0.082	ug/L		06/07/24 05:17	06/11/24 21:04	1
Benzo[a]pyrene	ND		0.19	0.060	ug/L		06/07/24 05:17	06/11/24 21:04	1
Benzo[b]fluoranthene	ND		0.19	0.17	ug/L		06/07/24 05:17	06/11/24 21:04	1
Benzo[g,h,i]perylene	ND		0.19	0.097	ug/L		06/07/24 05:17	06/11/24 21:04	1
Benzo[k]fluoranthene	ND		0.19	0.15	ug/L		06/07/24 05:17	06/11/24 21:04	1
Chrysene	3.8		0.19	0.057	ug/L		06/07/24 05:17	06/11/24 21:04	1
Dibenz[a,h]anthracene	ND		0.19	0.11	ug/L		06/07/24 05:17	06/11/24 21:04	1
Fluoranthene	ND		0.19	0.13	ug/L		06/07/24 05:17	06/11/24 21:04	1
Fluorene	3.3		0.19	0.072	ug/L		06/07/24 05:17	06/11/24 21:04	1
Indeno[1,2,3-cd]pyrene	ND		0.19	0.10	ug/L		06/07/24 05:17	06/11/24 21:04	1
1-Methylnaphthalene	1.5		0.19	0.070	ug/L		06/07/24 05:17	06/11/24 21:04	1
2-Methylnaphthalene	1.3		0.19	0.074	ug/L		06/07/24 05:17	06/11/24 21:04	1
Naphthalene	0.79		0.19	0.14	ug/L		06/07/24 05:17	06/11/24 21:04	1
Phenanthrene	5.7		0.19	0.070	ug/L		06/07/24 05:17	06/11/24 21:04	1
Pyrene	1.2		0.19	0.064	ug/L		06/07/24 05:17	06/11/24 21:04	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl (Surr)	87		33 - 144				06/07/24 05:17	06/11/24 21:04	1
Nitrobenzene-d5 (Surr)	87		28 - 139				06/07/24 05:17	06/11/24 21:04	1
p-Terphenyl-d14 (Surr)	86		23 - 160				06/07/24 05:17	06/11/24 21:04	1

Method: EPA 245.1 - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.000134	J	0.000200	0.000124	mg/L		06/06/24 07:08	06/06/24 11:19	1

Method: SW846 6010B - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0421	J	0.100	0.0199	mg/L		06/06/24 06:28	06/06/24 14:37	1
Barium	0.565		0.0100	0.00111	mg/L		06/06/24 06:28	06/06/24 14:37	1
Cadmium	ND		0.0100	0.000620	mg/L		06/06/24 06:28	06/06/24 14:37	1
Chromium	0.00790	J	0.0500	0.00296	mg/L		06/06/24 06:28	06/06/24 14:37	1
Lead	0.0103	J	0.0500	0.00527	mg/L		06/06/24 06:28	06/06/24 14:37	1
Selenium	ND		0.0500	0.0162	mg/L		06/06/24 06:28	06/06/24 14:37	1
Silver	ND		0.0100	0.00259	mg/L		06/06/24 06:28	06/06/24 14:37	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity, Total (As CaCO3) (SM 2320B)	506		5.00	2.18	mg/L			06/07/24 21:07	1
Bicarbonate (as CaCO3) (SM 2320B)	506		5.00	2.18	mg/L			06/07/24 21:07	1
Total Dissolved Solids (SM 2540C)	591		10.0	8.70	mg/L			06/06/24 14:00	1
Chloride (SM 4500 Cl- C)	0.906	J	2.00	0.596	mg/L			06/08/24 17:09	1

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Client Sample Results

Client: Stantec Consulting Services Inc
Project/Site: ExxonMobil Gladiola Station/238000257

Job ID: 570-186788-1

Client Sample ID: MW29

Lab Sample ID: 570-186788-7

Date Collected: 06/04/24 09:35

Matrix: Water

Date Received: 06/05/24 09:30

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.50	0.14	ug/L			06/10/24 18:42	1
Toluene	ND		0.50	0.14	ug/L			06/10/24 18:42	1
Ethylbenzene	ND		0.50	0.16	ug/L			06/10/24 18:42	1
o-Xylene	ND		0.50	0.18	ug/L			06/10/24 18:42	1
m,p-Xylene	ND		1.0	0.39	ug/L			06/10/24 18:42	1
Xylenes, Total	ND		1.0	0.39	ug/L			06/10/24 18:42	1
Methyl-t-Butyl Ether (MTBE)	ND		0.50	0.14	ug/L			06/10/24 18:42	1
1,1,1,2-Tetrachloroethane	ND		0.50	0.20	ug/L			06/10/24 18:42	1
1,1,1-Trichloroethane	ND		0.50	0.20	ug/L			06/10/24 18:42	1
1,1,2,2-Tetrachloroethane	ND		0.50	0.14	ug/L			06/10/24 18:42	1
1,1,2-Trichloroethane	ND		0.50	0.18	ug/L			06/10/24 18:42	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50	0.25	ug/L			06/10/24 18:42	1
1,1-Dichloroethane	ND		0.50	0.21	ug/L			06/10/24 18:42	1
1,1-Dichloroethene	ND		0.50	0.21	ug/L			06/10/24 18:42	1
1,1-Dichloropropene	ND		0.50	0.16	ug/L			06/10/24 18:42	1
1,2,3-Trichlorobenzene	ND		0.50	0.26	ug/L			06/10/24 18:42	1
1,2,3-Trichloropropane	ND		0.50	0.31	ug/L			06/10/24 18:42	1
1,2,4-Trichlorobenzene	ND		0.50	0.26	ug/L			06/10/24 18:42	1
1,2,4-Trimethylbenzene	ND		0.50	0.22	ug/L			06/10/24 18:42	1
1,3,5-Trimethylbenzene	ND		0.50	0.19	ug/L			06/10/24 18:42	1
c-1,2-Dichloroethene	ND		0.50	0.16	ug/L			06/10/24 18:42	1
1,2-Dibromo-3-Chloropropane	ND	+	1.0	0.84	ug/L			06/10/24 18:42	1
1,2-Dichlorobenzene	ND		0.50	0.14	ug/L			06/10/24 18:42	1
1,2-Dichloroethane	ND		0.50	0.14	ug/L			06/10/24 18:42	1
1,2-Dichloropropane	ND		0.50	0.14	ug/L			06/10/24 18:42	1
t-1,2-Dichloroethene	ND		0.50	0.22	ug/L			06/10/24 18:42	1
c-1,3-Dichloropropene	ND		0.50	0.15	ug/L			06/10/24 18:42	1
1,3-Dichlorobenzene	ND		0.50	0.16	ug/L			06/10/24 18:42	1
1,3-Dichloropropane	ND		0.50	0.19	ug/L			06/10/24 18:42	1
t-1,3-Dichloropropene	ND		0.50	0.21	ug/L			06/10/24 18:42	1
1,4-Dichlorobenzene	ND		0.50	0.11	ug/L			06/10/24 18:42	1
2,2-Dichloropropane	ND		0.50	0.26	ug/L			06/10/24 18:42	1
2-Chlorotoluene	ND		0.50	0.23	ug/L			06/10/24 18:42	1
4-Chlorotoluene	ND		0.50	0.24	ug/L			06/10/24 18:42	1
4-Methyl-2-pentanone	ND		5.0	1.6	ug/L			06/10/24 18:42	1
Acetone	ND		8.0	3.6	ug/L			06/10/24 18:42	1
Bromobenzene	ND		0.50	0.14	ug/L			06/10/24 18:42	1
Bromochloromethane	ND		1.0	0.27	ug/L			06/10/24 18:42	1
Bromoform	ND	+	0.50	0.28	ug/L			06/10/24 18:42	1
Bromomethane	ND		2.0	1.9	ug/L			06/10/24 18:42	1
Carbon disulfide	ND		1.0	0.32	ug/L			06/10/24 18:42	1
Carbon tetrachloride	ND		0.50	0.27	ug/L			06/10/24 18:42	1
Chlorobenzene	ND		0.50	0.12	ug/L			06/10/24 18:42	1
Dibromochloromethane	ND		0.50	0.21	ug/L			06/10/24 18:42	1
Chloroethane	ND		0.50	0.38	ug/L			06/10/24 18:42	1
Chloroform	ND		0.50	0.17	ug/L			06/10/24 18:42	1
Chloromethane	ND		1.0	0.65	ug/L			06/10/24 18:42	1
Dibromomethane	ND		0.50	0.16	ug/L			06/10/24 18:42	1
Bromodichloromethane	ND		0.50	0.15	ug/L			06/10/24 18:42	1

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Client Sample Results

Client: Stantec Consulting Services Inc
Project/Site: ExxonMobil Gladiola Station/238000257

Job ID: 570-186788-1

Client Sample ID: MW29

Lab Sample ID: 570-186788-7

Date Collected: 06/04/24 09:35

Matrix: Water

Date Received: 06/05/24 09:30

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	ND		1.0	0.51	ug/L			06/10/24 18:42	1
1,2-Dibromoethane	ND		0.50	0.27	ug/L			06/10/24 18:42	1
Hexachloro-1,3-butadiene	ND		1.0	0.26	ug/L			06/10/24 18:42	1
Isopropylbenzene	ND		0.50	0.21	ug/L			06/10/24 18:42	1
2-Butanone	ND		5.0	2.9	ug/L			06/10/24 18:42	1
Methylene Chloride	ND		1.0	0.40	ug/L			06/10/24 18:42	1
2-Hexanone	ND		6.0	2.0	ug/L			06/10/24 18:42	1
Naphthalene	ND		1.0	0.55	ug/L			06/10/24 18:42	1
n-Butylbenzene	ND		0.50	0.24	ug/L			06/10/24 18:42	1
N-Propylbenzene	ND		0.50	0.18	ug/L			06/10/24 18:42	1
p-Isopropyltoluene	ND		0.50	0.20	ug/L			06/10/24 18:42	1
sec-Butylbenzene	ND		0.50	0.20	ug/L			06/10/24 18:42	1
Styrene	ND		0.50	0.27	ug/L			06/10/24 18:42	1
tert-Butylbenzene	ND		0.50	0.21	ug/L			06/10/24 18:42	1
Tetrachloroethene	ND		0.50	0.16	ug/L			06/10/24 18:42	1
Trichloroethene	ND		0.50	0.15	ug/L			06/10/24 18:42	1
Trichlorofluoromethane	ND		0.50	0.26	ug/L			06/10/24 18:42	1
Vinyl chloride	ND		0.50	0.23	ug/L			06/10/24 18:42	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	114		64 - 132					06/10/24 18:42	1
4-Bromofluorobenzene (Surr)	98		76 - 120					06/10/24 18:42	1
Dibromofluoromethane (Surr)	112		80 - 120					06/10/24 18:42	1
Toluene-d8 (Surr)	102		80 - 120					06/10/24 18:42	1

Method: SW846 8270C SIM - PAHs (GC/MS SIM)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		0.19	0.094	ug/L		06/07/24 05:17	06/14/24 16:34	1
Acenaphthylene	ND		0.19	0.067	ug/L		06/07/24 05:17	06/14/24 16:34	1
Anthracene	ND		0.19	0.057	ug/L		06/07/24 05:17	06/14/24 16:34	1
Benzo[a]anthracene	ND		0.19	0.083	ug/L		06/07/24 05:17	06/14/24 16:34	1
Benzo[a]pyrene	ND		0.19	0.060	ug/L		06/07/24 05:17	06/14/24 16:34	1
Benzo[b]fluoranthene	ND		0.19	0.17	ug/L		06/07/24 05:17	06/14/24 16:34	1
Benzo[g,h,i]perylene	ND		0.19	0.097	ug/L		06/07/24 05:17	06/14/24 16:34	1
Benzo[k]fluoranthene	ND		0.19	0.15	ug/L		06/07/24 05:17	06/14/24 16:34	1
Chrysene	ND		0.19	0.057	ug/L		06/07/24 05:17	06/14/24 16:34	1
Dibenz(a,h)anthracene	ND		0.19	0.11	ug/L		06/07/24 05:17	06/14/24 16:34	1
Fluoranthene	ND		0.19	0.13	ug/L		06/07/24 05:17	06/14/24 16:34	1
Fluorene	ND		0.19	0.072	ug/L		06/07/24 05:17	06/14/24 16:34	1
Indeno[1,2,3-cd]pyrene	ND		0.19	0.10	ug/L		06/07/24 05:17	06/14/24 16:34	1
1-Methylnaphthalene	ND		0.19	0.071	ug/L		06/07/24 05:17	06/14/24 16:34	1
2-Methylnaphthalene	ND		0.19	0.074	ug/L		06/07/24 05:17	06/14/24 16:34	1
Naphthalene	ND		0.19	0.14	ug/L		06/07/24 05:17	06/14/24 16:34	1
Phenanthrene	ND		0.19	0.071	ug/L		06/07/24 05:17	06/14/24 16:34	1
Pyrene	ND		0.19	0.064	ug/L		06/07/24 05:17	06/14/24 16:34	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl (Surr)	64		33 - 144				06/07/24 05:17	06/14/24 16:34	1
Nitrobenzene-d5 (Surr)	58		28 - 139				06/07/24 05:17	06/14/24 16:34	1
p-Terphenyl-d14 (Surr)	73		23 - 160				06/07/24 05:17	06/14/24 16:34	1

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Client Sample Results

Client: Stantec Consulting Services Inc
Project/Site: ExxonMobil Gladiola Station/238000257

Job ID: 570-186788-1

Client Sample ID: MW29

Lab Sample ID: 570-186788-7

Date Collected: 06/04/24 09:35

Matrix: Water

Date Received: 06/05/24 09:30

Method: SW846 9056A - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromide	0.47		0.10	0.041	mg/L			06/05/24 21:13	1

Method: SW846 9056A - Anions, Ion Chromatography - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	100		10	2.4	mg/L			06/06/24 00:02	10

Method: EPA 245.1 - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.000200	0.000124	mg/L		06/06/24 07:08	06/06/24 11:21	1

Method: SW846 6010B - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		0.100	0.0199	mg/L		06/06/24 06:28	06/06/24 14:39	1
Barium	0.0441		0.0100	0.00111	mg/L		06/06/24 06:28	06/06/24 14:39	1
Cadmium	ND		0.0100	0.000620	mg/L		06/06/24 06:28	06/06/24 14:39	1
Chromium	ND		0.0500	0.00296	mg/L		06/06/24 06:28	06/06/24 14:39	1
Lead	ND		0.0500	0.00527	mg/L		06/06/24 06:28	06/06/24 14:39	1
Selenium	ND		0.0500	0.0162	mg/L		06/06/24 06:28	06/06/24 14:39	1
Silver	ND		0.0100	0.00259	mg/L		06/06/24 06:28	06/06/24 14:39	1

Method: SW846 6020 - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Calcium	99500		500	123	ug/L		06/06/24 06:57	06/07/24 09:28	5
Magnesium	24500		500	75.3	ug/L		06/06/24 06:57	06/07/24 09:28	5
Potassium	2690		500	83.1	ug/L		06/06/24 06:57	06/07/24 09:28	5
Sodium	109000	B	500	69.5	ug/L		06/06/24 06:57	06/07/24 09:28	5

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity, Total (As CaCO3) (SM 2320B)	175		5.00	2.18	mg/L			06/07/24 21:13	1
Bicarbonate (as CaCO3) (SM 2320B)	175		5.00	2.18	mg/L			06/07/24 21:13	1
Total Dissolved Solids (SM 2540C)	789		10.0	8.70	mg/L			06/06/24 14:00	1
Chloride (SM 4500 Cl- C)	194		10.0	2.98	mg/L			06/08/24 17:13	1

Client Sample ID: MW11

Lab Sample ID: 570-186788-8

Date Collected: 06/04/24 08:15

Matrix: Water

Date Received: 06/05/24 09:30

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		2.0	0.55	ug/L			06/10/24 19:07	4
Toluene	ND		2.0	0.57	ug/L			06/10/24 19:07	4
Ethylbenzene	ND		2.0	0.66	ug/L			06/10/24 19:07	4
o-Xylene	ND		2.0	0.72	ug/L			06/10/24 19:07	4
m,p-Xylene	ND		4.0	1.6	ug/L			06/10/24 19:07	4
Xylenes, Total	ND		4.0	1.6	ug/L			06/10/24 19:07	4
Methyl-t-Butyl Ether (MTBE)	ND		2.0	0.57	ug/L			06/10/24 19:07	4
1,1,1,2-Tetrachloroethane	ND		2.0	0.80	ug/L			06/10/24 19:07	4
1,1,1-Trichloroethane	ND		2.0	0.79	ug/L			06/10/24 19:07	4
1,1,2,2-Tetrachloroethane	ND		2.0	0.54	ug/L			06/10/24 19:07	4

Eurofins Calscience

Client Sample Results

Client: Stantec Consulting Services Inc
Project/Site: ExxonMobil Gladiola Station/238000257

Job ID: 570-186788-1

Client Sample ID: MW11

Lab Sample ID: 570-186788-8

Date Collected: 06/04/24 08:15

Matrix: Water

Date Received: 06/05/24 09:30

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichloroethane	ND		2.0	0.72	ug/L			06/10/24 19:07	4
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		2.0	1.0	ug/L			06/10/24 19:07	4
1,1-Dichloroethane	ND		2.0	0.85	ug/L			06/10/24 19:07	4
1,1-Dichloroethene	ND		2.0	0.84	ug/L			06/10/24 19:07	4
1,1-Dichloropropene	ND		2.0	0.65	ug/L			06/10/24 19:07	4
1,2,3-Trichlorobenzene	ND		2.0	1.0	ug/L			06/10/24 19:07	4
1,2,3-Trichloropropane	ND		2.0	1.2	ug/L			06/10/24 19:07	4
1,2,4-Trichlorobenzene	ND		2.0	1.0	ug/L			06/10/24 19:07	4
1,2,4-Trimethylbenzene	ND		2.0	0.90	ug/L			06/10/24 19:07	4
1,3,5-Trimethylbenzene	ND		2.0	0.74	ug/L			06/10/24 19:07	4
c-1,2-Dichloroethene	ND		2.0	0.62	ug/L			06/10/24 19:07	4
1,2-Dibromo-3-Chloropropane	ND	+	4.0	3.4	ug/L			06/10/24 19:07	4
1,2-Dichlorobenzene	ND		2.0	0.57	ug/L			06/10/24 19:07	4
1,2-Dichloroethane	ND		2.0	0.55	ug/L			06/10/24 19:07	4
1,2-Dichloropropane	ND		2.0	0.58	ug/L			06/10/24 19:07	4
t-1,2-Dichloroethene	ND		2.0	0.88	ug/L			06/10/24 19:07	4
c-1,3-Dichloropropene	ND		2.0	0.62	ug/L			06/10/24 19:07	4
1,3-Dichlorobenzene	ND		2.0	0.63	ug/L			06/10/24 19:07	4
1,3-Dichloropropane	ND		2.0	0.77	ug/L			06/10/24 19:07	4
t-1,3-Dichloropropene	ND		2.0	0.85	ug/L			06/10/24 19:07	4
1,4-Dichlorobenzene	ND		2.0	0.45	ug/L			06/10/24 19:07	4
2,2-Dichloropropane	ND		2.0	1.0	ug/L			06/10/24 19:07	4
2-Chlorotoluene	ND		2.0	0.92	ug/L			06/10/24 19:07	4
4-Chlorotoluene	ND		2.0	0.96	ug/L			06/10/24 19:07	4
4-Methyl-2-pentanone	ND		20	6.5	ug/L			06/10/24 19:07	4
Acetone	ND		32	14	ug/L			06/10/24 19:07	4
Bromobenzene	ND		2.0	0.56	ug/L			06/10/24 19:07	4
Bromochloromethane	ND		4.0	1.1	ug/L			06/10/24 19:07	4
Bromoform	ND	+	2.0	1.1	ug/L			06/10/24 19:07	4
Bromomethane	ND		8.0	7.5	ug/L			06/10/24 19:07	4
Carbon disulfide	ND		4.0	1.3	ug/L			06/10/24 19:07	4
Carbon tetrachloride	ND		2.0	1.1	ug/L			06/10/24 19:07	4
Chlorobenzene	ND		2.0	0.47	ug/L			06/10/24 19:07	4
Dibromochloromethane	ND		2.0	0.84	ug/L			06/10/24 19:07	4
Chloroethane	ND		2.0	1.5	ug/L			06/10/24 19:07	4
Chloroform	ND		2.0	0.68	ug/L			06/10/24 19:07	4
Chloromethane	ND		4.0	2.6	ug/L			06/10/24 19:07	4
Dibromomethane	ND		2.0	0.65	ug/L			06/10/24 19:07	4
Bromodichloromethane	ND		2.0	0.61	ug/L			06/10/24 19:07	4
Dichlorodifluoromethane	ND		4.0	2.0	ug/L			06/10/24 19:07	4
1,2-Dibromoethane	ND		2.0	1.1	ug/L			06/10/24 19:07	4
Hexachloro-1,3-butadiene	ND		4.0	1.1	ug/L			06/10/24 19:07	4
Isopropylbenzene	ND		2.0	0.85	ug/L			06/10/24 19:07	4
2-Butanone	ND		20	11	ug/L			06/10/24 19:07	4
Methylene Chloride	ND		4.0	1.6	ug/L			06/10/24 19:07	4
2-Hexanone	ND		24	8.2	ug/L			06/10/24 19:07	4
Naphthalene	ND		4.0	2.2	ug/L			06/10/24 19:07	4
n-Butylbenzene	ND		2.0	0.97	ug/L			06/10/24 19:07	4
N-Propylbenzene	ND		2.0	0.70	ug/L			06/10/24 19:07	4

Eurofins Calscience

Client Sample Results

Client: Stantec Consulting Services Inc
Project/Site: ExxonMobil Gladiola Station/238000257

Job ID: 570-186788-1

Client Sample ID: MW11

Lab Sample ID: 570-186788-8

Date Collected: 06/04/24 08:15

Matrix: Water

Date Received: 06/05/24 09:30

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
p-Isopropyltoluene	ND		2.0	0.80	ug/L			06/10/24 19:07	4
sec-Butylbenzene	ND		2.0	0.78	ug/L			06/10/24 19:07	4
Styrene	ND		2.0	1.1	ug/L			06/10/24 19:07	4
tert-Butylbenzene	ND		2.0	0.83	ug/L			06/10/24 19:07	4
Tetrachloroethene	ND		2.0	0.62	ug/L			06/10/24 19:07	4
Trichloroethene	ND		2.0	0.61	ug/L			06/10/24 19:07	4
Trichlorofluoromethane	ND		2.0	1.0	ug/L			06/10/24 19:07	4
Vinyl chloride	ND		2.0	0.90	ug/L			06/10/24 19:07	4

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	112		64 - 132		06/10/24 19:07	4
4-Bromofluorobenzene (Surr)	99		76 - 120		06/10/24 19:07	4
Dibromofluoromethane (Surr)	110		80 - 120		06/10/24 19:07	4
Toluene-d8 (Surr)	100		80 - 120		06/10/24 19:07	4

Method: SW846 8270C SIM - PAHs (GC/MS SIM)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		0.20	0.096	ug/L		06/07/24 05:17	06/14/24 16:56	1
Acenaphthylene	ND		0.20	0.068	ug/L		06/07/24 05:17	06/14/24 16:56	1
Anthracene	ND		0.20	0.058	ug/L		06/07/24 05:17	06/14/24 16:56	1
Benzo[a]anthracene	ND		0.20	0.084	ug/L		06/07/24 05:17	06/14/24 16:56	1
Benzo[a]pyrene	ND		0.20	0.061	ug/L		06/07/24 05:17	06/14/24 16:56	1
Benzo[b]fluoranthene	ND		0.20	0.17	ug/L		06/07/24 05:17	06/14/24 16:56	1
Benzo[g,h,i]perylene	ND		0.20	0.099	ug/L		06/07/24 05:17	06/14/24 16:56	1
Benzo[k]fluoranthene	ND		0.20	0.15	ug/L		06/07/24 05:17	06/14/24 16:56	1
Chrysene	ND		0.20	0.058	ug/L		06/07/24 05:17	06/14/24 16:56	1
Dibenz(a,h)anthracene	ND		0.20	0.11	ug/L		06/07/24 05:17	06/14/24 16:56	1
Fluoranthene	ND		0.20	0.14	ug/L		06/07/24 05:17	06/14/24 16:56	1
Fluorene	ND		0.20	0.074	ug/L		06/07/24 05:17	06/14/24 16:56	1
Indeno[1,2,3-cd]pyrene	ND		0.20	0.10	ug/L		06/07/24 05:17	06/14/24 16:56	1
1-Methylnaphthalene	ND		0.20	0.072	ug/L		06/07/24 05:17	06/14/24 16:56	1
2-Methylnaphthalene	ND		0.20	0.076	ug/L		06/07/24 05:17	06/14/24 16:56	1
Naphthalene	ND		0.20	0.15	ug/L		06/07/24 05:17	06/14/24 16:56	1
Phenanthrene	ND		0.20	0.072	ug/L		06/07/24 05:17	06/14/24 16:56	1
Pyrene	ND		0.20	0.065	ug/L		06/07/24 05:17	06/14/24 16:56	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl (Surr)	62		33 - 144	06/07/24 05:17	06/14/24 16:56	1
Nitrobenzene-d5 (Surr)	52		28 - 139	06/07/24 05:17	06/14/24 16:56	1
p-Terphenyl-d14 (Surr)	65		23 - 160	06/07/24 05:17	06/14/24 16:56	1

Method: SW846 9056A - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromide	1.2		0.10	0.041	mg/L			06/05/24 21:30	1

Method: SW846 9056A - Anions, Ion Chromatography - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	91		10	2.4	mg/L			06/05/24 21:47	10

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Client Sample Results

Client: Stantec Consulting Services Inc
Project/Site: ExxonMobil Gladiola Station/238000257

Job ID: 570-186788-1

Client Sample ID: MW11

Lab Sample ID: 570-186788-8

Date Collected: 06/04/24 08:15

Matrix: Water

Date Received: 06/05/24 09:30

Method: EPA 245.1 - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.000200	0.000124	mg/L		06/06/24 07:08	06/06/24 11:23	1

Method: SW846 6010B - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		0.100	0.0199	mg/L		06/06/24 06:28	06/06/24 14:41	1
Barium	0.0542		0.0100	0.00111	mg/L		06/06/24 06:28	06/06/24 14:41	1
Cadmium	ND		0.0100	0.000620	mg/L		06/06/24 06:28	06/06/24 14:41	1
Chromium	0.0136	J	0.0500	0.00296	mg/L		06/06/24 06:28	06/06/24 14:41	1
Lead	ND		0.0500	0.00527	mg/L		06/06/24 06:28	06/06/24 14:41	1
Selenium	ND		0.0500	0.0162	mg/L		06/06/24 06:28	06/06/24 14:41	1
Silver	ND		0.0100	0.00259	mg/L		06/06/24 06:28	06/06/24 14:41	1

Method: SW846 6020 - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Calcium	105000		500	123	ug/L		06/06/24 06:57	06/07/24 09:30	5
Magnesium	45100		500	75.3	ug/L		06/06/24 06:57	06/07/24 09:30	5
Potassium	3470		500	83.1	ug/L		06/06/24 06:57	06/07/24 09:30	5
Sodium	143000	B	500	69.5	ug/L		06/06/24 06:57	06/07/24 09:30	5

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity, Total (As CaCO ₃) (SM 2320B)	434		5.00	2.18	mg/L			06/07/24 21:20	1
Bicarbonate (as CaCO ₃) (SM 2320B)	434		5.00	2.18	mg/L			06/07/24 21:20	1
Total Dissolved Solids (SM 2540C)	886		10.0	8.70	mg/L			06/06/24 14:00	1
Chloride (SM 4500 Cl- C)	104		10.0	2.98	mg/L			06/08/24 17:15	1

Client Sample ID: Trip Blank

Lab Sample ID: 570-186788-9

Date Collected: 06/04/24 14:00

Matrix: Water

Date Received: 06/05/24 09:30

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.50	0.14	ug/L			06/10/24 15:47	1
Toluene	ND		0.50	0.14	ug/L			06/10/24 15:47	1
Ethylbenzene	ND		0.50	0.16	ug/L			06/10/24 15:47	1
o-Xylene	ND		0.50	0.18	ug/L			06/10/24 15:47	1
m,p-Xylene	ND		1.0	0.39	ug/L			06/10/24 15:47	1
Xylenes, Total	ND		1.0	0.39	ug/L			06/10/24 15:47	1
Methyl-t-Butyl Ether (MTBE)	ND		0.50	0.14	ug/L			06/10/24 15:47	1
1,1,1,2-Tetrachloroethane	ND		0.50	0.20	ug/L			06/10/24 15:47	1
1,1,1-Trichloroethane	ND		0.50	0.20	ug/L			06/10/24 15:47	1
1,1,2,2-Tetrachloroethane	ND		0.50	0.14	ug/L			06/10/24 15:47	1
1,1,2-Trichloroethane	ND		0.50	0.18	ug/L			06/10/24 15:47	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50	0.25	ug/L			06/10/24 15:47	1
1,1-Dichloroethane	ND		0.50	0.21	ug/L			06/10/24 15:47	1
1,1-Dichloroethene	ND		0.50	0.21	ug/L			06/10/24 15:47	1
1,1-Dichloropropene	ND		0.50	0.16	ug/L			06/10/24 15:47	1
1,2,3-Trichlorobenzene	ND		0.50	0.26	ug/L			06/10/24 15:47	1
1,2,3-Trichloropropane	ND		0.50	0.31	ug/L			06/10/24 15:47	1

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Client Sample Results

Client: Stantec Consulting Services Inc
Project/Site: ExxonMobil Gladiola Station/238000257

Job ID: 570-186788-1

Client Sample ID: Trip Blank

Lab Sample ID: 570-186788-9

Date Collected: 06/04/24 14:00

Matrix: Water

Date Received: 06/05/24 09:30

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND		0.50	0.26	ug/L			06/10/24 15:47	1
1,2,4-Trimethylbenzene	ND		0.50	0.22	ug/L			06/10/24 15:47	1
1,3,5-Trimethylbenzene	ND		0.50	0.19	ug/L			06/10/24 15:47	1
c-1,2-Dichloroethene	ND		0.50	0.16	ug/L			06/10/24 15:47	1
1,2-Dibromo-3-Chloropropane	ND	+	1.0	0.84	ug/L			06/10/24 15:47	1
1,2-Dichlorobenzene	ND		0.50	0.14	ug/L			06/10/24 15:47	1
1,2-Dichloroethane	ND		0.50	0.14	ug/L			06/10/24 15:47	1
1,2-Dichloropropane	ND		0.50	0.14	ug/L			06/10/24 15:47	1
t-1,2-Dichloroethene	ND		0.50	0.22	ug/L			06/10/24 15:47	1
c-1,3-Dichloropropene	ND		0.50	0.15	ug/L			06/10/24 15:47	1
1,3-Dichlorobenzene	ND		0.50	0.16	ug/L			06/10/24 15:47	1
1,3-Dichloropropane	ND		0.50	0.19	ug/L			06/10/24 15:47	1
t-1,3-Dichloropropene	ND		0.50	0.21	ug/L			06/10/24 15:47	1
1,4-Dichlorobenzene	ND		0.50	0.11	ug/L			06/10/24 15:47	1
2,2-Dichloropropane	ND		0.50	0.26	ug/L			06/10/24 15:47	1
2-Chlorotoluene	ND		0.50	0.23	ug/L			06/10/24 15:47	1
4-Chlorotoluene	ND		0.50	0.24	ug/L			06/10/24 15:47	1
4-Methyl-2-pentanone	ND		5.0	1.6	ug/L			06/10/24 15:47	1
Acetone	ND		8.0	3.6	ug/L			06/10/24 15:47	1
Bromobenzene	ND		0.50	0.14	ug/L			06/10/24 15:47	1
Bromochloromethane	ND		1.0	0.27	ug/L			06/10/24 15:47	1
Bromoform	ND	+	0.50	0.28	ug/L			06/10/24 15:47	1
Bromomethane	ND		2.0	1.9	ug/L			06/10/24 15:47	1
Carbon disulfide	ND		1.0	0.32	ug/L			06/10/24 15:47	1
Carbon tetrachloride	ND		0.50	0.27	ug/L			06/10/24 15:47	1
Chlorobenzene	ND		0.50	0.12	ug/L			06/10/24 15:47	1
Dibromochloromethane	ND		0.50	0.21	ug/L			06/10/24 15:47	1
Chloroethane	ND		0.50	0.38	ug/L			06/10/24 15:47	1
Chloroform	ND		0.50	0.17	ug/L			06/10/24 15:47	1
Chloromethane	ND		1.0	0.65	ug/L			06/10/24 15:47	1
Dibromomethane	ND		0.50	0.16	ug/L			06/10/24 15:47	1
Bromodichloromethane	ND		0.50	0.15	ug/L			06/10/24 15:47	1
Dichlorodifluoromethane	ND		1.0	0.51	ug/L			06/10/24 15:47	1
1,2-Dibromoethane	ND		0.50	0.27	ug/L			06/10/24 15:47	1
Hexachloro-1,3-butadiene	ND		1.0	0.26	ug/L			06/10/24 15:47	1
Isopropylbenzene	ND		0.50	0.21	ug/L			06/10/24 15:47	1
2-Butanone	ND		5.0	2.9	ug/L			06/10/24 15:47	1
Methylene Chloride	ND		1.0	0.40	ug/L			06/10/24 15:47	1
2-Hexanone	ND		6.0	2.0	ug/L			06/10/24 15:47	1
Naphthalene	ND		1.0	0.55	ug/L			06/10/24 15:47	1
n-Butylbenzene	ND		0.50	0.24	ug/L			06/10/24 15:47	1
N-Propylbenzene	ND		0.50	0.18	ug/L			06/10/24 15:47	1
p-Isopropyltoluene	ND		0.50	0.20	ug/L			06/10/24 15:47	1
sec-Butylbenzene	ND		0.50	0.20	ug/L			06/10/24 15:47	1
Styrene	ND		0.50	0.27	ug/L			06/10/24 15:47	1
tert-Butylbenzene	ND		0.50	0.21	ug/L			06/10/24 15:47	1
Tetrachloroethene	ND		0.50	0.16	ug/L			06/10/24 15:47	1
Trichloroethene	ND		0.50	0.15	ug/L			06/10/24 15:47	1
Trichlorofluoromethane	ND		0.50	0.26	ug/L			06/10/24 15:47	1

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Client Sample Results

Client: Stantec Consulting Services Inc
Project/Site: ExxonMobil Gladiola Station/238000257

Job ID: 570-186788-1

Client Sample ID: Trip Blank

Lab Sample ID: 570-186788-9

Date Collected: 06/04/24 14:00

Matrix: Water

Date Received: 06/05/24 09:30

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Vinyl chloride	ND		0.50	0.23	ug/L			06/10/24 15:47	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	110		64 - 132					06/10/24 15:47	1
4-Bromofluorobenzene (Surr)	97		76 - 120					06/10/24 15:47	1
Dibromofluoromethane (Surr)	109		80 - 120					06/10/24 15:47	1
Toluene-d8 (Surr)	102		80 - 120					06/10/24 15:47	1

Client Sample ID: Trip Blank

Lab Sample ID: 570-186788-10

Date Collected: 06/04/24 14:10

Matrix: Water

Date Received: 06/05/24 09:30

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.50	0.14	ug/L			06/10/24 16:12	1
Toluene	ND		0.50	0.14	ug/L			06/10/24 16:12	1
Ethylbenzene	ND		0.50	0.16	ug/L			06/10/24 16:12	1
o-Xylene	ND		0.50	0.18	ug/L			06/10/24 16:12	1
m,p-Xylene	ND		1.0	0.39	ug/L			06/10/24 16:12	1
Xylenes, Total	ND		1.0	0.39	ug/L			06/10/24 16:12	1
Methyl-t-Butyl Ether (MTBE)	ND		0.50	0.14	ug/L			06/10/24 16:12	1
1,1,1,2-Tetrachloroethane	ND		0.50	0.20	ug/L			06/10/24 16:12	1
1,1,1-Trichloroethane	ND		0.50	0.20	ug/L			06/10/24 16:12	1
1,1,2,2-Tetrachloroethane	ND		0.50	0.14	ug/L			06/10/24 16:12	1
1,1,2-Trichloroethane	ND		0.50	0.18	ug/L			06/10/24 16:12	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50	0.25	ug/L			06/10/24 16:12	1
1,1-Dichloroethane	ND		0.50	0.21	ug/L			06/10/24 16:12	1
1,1-Dichloroethene	ND		0.50	0.21	ug/L			06/10/24 16:12	1
1,1-Dichloropropene	ND		0.50	0.16	ug/L			06/10/24 16:12	1
1,2,3-Trichlorobenzene	ND		0.50	0.26	ug/L			06/10/24 16:12	1
1,2,3-Trichloropropane	ND		0.50	0.31	ug/L			06/10/24 16:12	1
1,2,4-Trichlorobenzene	ND		0.50	0.26	ug/L			06/10/24 16:12	1
1,2,4-Trimethylbenzene	ND		0.50	0.22	ug/L			06/10/24 16:12	1
1,3,5-Trimethylbenzene	ND		0.50	0.19	ug/L			06/10/24 16:12	1
c-1,2-Dichloroethene	ND		0.50	0.16	ug/L			06/10/24 16:12	1
1,2-Dibromo-3-Chloropropane	ND	*+	1.0	0.84	ug/L			06/10/24 16:12	1
1,2-Dichlorobenzene	ND		0.50	0.14	ug/L			06/10/24 16:12	1
1,2-Dichloroethane	ND		0.50	0.14	ug/L			06/10/24 16:12	1
1,2-Dichloropropane	ND		0.50	0.14	ug/L			06/10/24 16:12	1
t-1,2-Dichloroethene	ND		0.50	0.22	ug/L			06/10/24 16:12	1
c-1,3-Dichloropropene	ND		0.50	0.15	ug/L			06/10/24 16:12	1
1,3-Dichlorobenzene	ND		0.50	0.16	ug/L			06/10/24 16:12	1
1,3-Dichloropropane	ND		0.50	0.19	ug/L			06/10/24 16:12	1
t-1,3-Dichloropropene	ND		0.50	0.21	ug/L			06/10/24 16:12	1
1,4-Dichlorobenzene	ND		0.50	0.11	ug/L			06/10/24 16:12	1
2,2-Dichloropropane	ND		0.50	0.26	ug/L			06/10/24 16:12	1
2-Chlorotoluene	ND		0.50	0.23	ug/L			06/10/24 16:12	1
4-Chlorotoluene	ND		0.50	0.24	ug/L			06/10/24 16:12	1
4-Methyl-2-pentanone	ND		5.0	1.6	ug/L			06/10/24 16:12	1
Acetone	ND		8.0	3.6	ug/L			06/10/24 16:12	1

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Client Sample Results

Client: Stantec Consulting Services Inc
Project/Site: ExxonMobil Gladiola Station/238000257

Job ID: 570-186788-1

Client Sample ID: Trip Blank

Lab Sample ID: 570-186788-10

Date Collected: 06/04/24 14:10

Matrix: Water

Date Received: 06/05/24 09:30

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromobenzene	ND		0.50	0.14	ug/L			06/10/24 16:12	1
Bromochloromethane	ND		1.0	0.27	ug/L			06/10/24 16:12	1
Bromoform	ND	*+	0.50	0.28	ug/L			06/10/24 16:12	1
Bromomethane	ND		2.0	1.9	ug/L			06/10/24 16:12	1
Carbon disulfide	ND		1.0	0.32	ug/L			06/10/24 16:12	1
Carbon tetrachloride	ND		0.50	0.27	ug/L			06/10/24 16:12	1
Chlorobenzene	ND		0.50	0.12	ug/L			06/10/24 16:12	1
Dibromochloromethane	ND		0.50	0.21	ug/L			06/10/24 16:12	1
Chloroethane	ND		0.50	0.38	ug/L			06/10/24 16:12	1
Chloroform	ND		0.50	0.17	ug/L			06/10/24 16:12	1
Chloromethane	ND		1.0	0.65	ug/L			06/10/24 16:12	1
Dibromomethane	ND		0.50	0.16	ug/L			06/10/24 16:12	1
Bromodichloromethane	ND		0.50	0.15	ug/L			06/10/24 16:12	1
Dichlorodifluoromethane	ND		1.0	0.51	ug/L			06/10/24 16:12	1
1,2-Dibromoethane	ND		0.50	0.27	ug/L			06/10/24 16:12	1
Hexachloro-1,3-butadiene	ND		1.0	0.26	ug/L			06/10/24 16:12	1
Isopropylbenzene	ND		0.50	0.21	ug/L			06/10/24 16:12	1
2-Butanone	ND		5.0	2.9	ug/L			06/10/24 16:12	1
Methylene Chloride	ND		1.0	0.40	ug/L			06/10/24 16:12	1
2-Hexanone	ND		6.0	2.0	ug/L			06/10/24 16:12	1
Naphthalene	ND		1.0	0.55	ug/L			06/10/24 16:12	1
n-Butylbenzene	ND		0.50	0.24	ug/L			06/10/24 16:12	1
N-Propylbenzene	ND		0.50	0.18	ug/L			06/10/24 16:12	1
p-Isopropyltoluene	ND		0.50	0.20	ug/L			06/10/24 16:12	1
sec-Butylbenzene	ND		0.50	0.20	ug/L			06/10/24 16:12	1
Styrene	ND		0.50	0.27	ug/L			06/10/24 16:12	1
tert-Butylbenzene	ND		0.50	0.21	ug/L			06/10/24 16:12	1
Tetrachloroethene	ND		0.50	0.16	ug/L			06/10/24 16:12	1
Trichloroethene	ND		0.50	0.15	ug/L			06/10/24 16:12	1
Trichlorofluoromethane	ND		0.50	0.26	ug/L			06/10/24 16:12	1
Vinyl chloride	ND		0.50	0.23	ug/L			06/10/24 16:12	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	113		64 - 132		06/10/24 16:12	1
4-Bromofluorobenzene (Surr)	98		76 - 120		06/10/24 16:12	1
Dibromofluoromethane (Surr)	110		80 - 120		06/10/24 16:12	1
Toluene-d8 (Surr)	100		80 - 120		06/10/24 16:12	1

Eurofins Calscience

Surrogate Summary

Client: Stantec Consulting Services Inc
Project/Site: ExxonMobil Gladiola Station/238000257

Job ID: 570-186788-1

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

Matrix: Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)			
		DCA (64-132)	BFB (76-120)	DBFM (80-120)	TOL (80-120)
570-186788-1	MW17	110	101	110	104
570-186788-2	MW22	111	98	110	101
570-186788-3	MW3	112	102	109	103
570-186788-4	MW27	112	98	112	99
570-186788-5	MW28	116	99	111	101
570-186788-7	MW29	114	98	112	102
570-186788-8	MW11	112	99	110	100
570-186788-9	Trip Blank	110	97	109	102
570-186788-10	Trip Blank	113	98	110	100
LCS 570-449193/1002	Lab Control Sample	100	100	105	100
LCSD 570-449193/3	Lab Control Sample Dup	100	101	103	102
MB 570-449193/5	Method Blank	106	99	107	99
Surrogate Legend					
DCA = 1,2-Dichloroethane-d4 (Surr)					
BFB = 4-Bromofluorobenzene (Surr)					
DBFM = Dibromofluoromethane (Surr)					
TOL = Toluene-d8 (Surr)					

Method: 8270C SIM - PAHs (GC/MS SIM)

Matrix: Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)		
		FBP (33-144)	NBZ (28-139)	TPHd14 (23-160)
570-186788-1	MW17	67	69	65
570-186788-2	MW22	71	62	74
570-186788-3	MW3	72	66	71
570-186788-4	MW27	75	77	86
570-186788-5	MW28	92	74	77
570-186788-6	MW6	87	87	86
570-186788-7	MW29	64	58	73
570-186788-8	MW11	62	52	65
LCS 570-448515/2-A	Lab Control Sample	73	75	73
LCSD 570-448515/3-A	Lab Control Sample Dup	73	69	62
MB 570-448515/1-A	Method Blank	61	66	60
Surrogate Legend				
FBP = 2-Fluorobiphenyl (Surr)				
NBZ = Nitrobenzene-d5 (Surr)				
TPHd14 = p-Terphenyl-d14 (Surr)				

QC Sample Results

Client: Stantec Consulting Services Inc
Project/Site: ExxonMobil Gladiola Station/238000257

Job ID: 570-186788-1

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

Lab Sample ID: MB 570-449193/5

Matrix: Water

Analysis Batch: 449193

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.50	0.14	ug/L			06/10/24 10:24	1
Toluene	ND		0.50	0.14	ug/L			06/10/24 10:24	1
Ethylbenzene	ND		0.50	0.16	ug/L			06/10/24 10:24	1
o-Xylene	ND		0.50	0.18	ug/L			06/10/24 10:24	1
m,p-Xylene	ND		1.0	0.39	ug/L			06/10/24 10:24	1
Xylenes, Total	ND		1.0	0.39	ug/L			06/10/24 10:24	1
Methyl-t-Butyl Ether (MTBE)	ND		0.50	0.14	ug/L			06/10/24 10:24	1
1,1,1,2-Tetrachloroethane	ND		0.50	0.20	ug/L			06/10/24 10:24	1
1,1,1-Trichloroethane	ND		0.50	0.20	ug/L			06/10/24 10:24	1
1,1,2,2-Tetrachloroethane	ND		0.50	0.14	ug/L			06/10/24 10:24	1
1,1,2-Trichloroethane	ND		0.50	0.18	ug/L			06/10/24 10:24	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50	0.25	ug/L			06/10/24 10:24	1
1,1-Dichloroethane	ND		0.50	0.21	ug/L			06/10/24 10:24	1
1,1-Dichloroethene	ND		0.50	0.21	ug/L			06/10/24 10:24	1
1,1-Dichloropropene	ND		0.50	0.16	ug/L			06/10/24 10:24	1
1,2,3-Trichlorobenzene	ND		0.50	0.26	ug/L			06/10/24 10:24	1
1,2,3-Trichloropropane	ND		0.50	0.31	ug/L			06/10/24 10:24	1
1,2,4-Trichlorobenzene	ND		0.50	0.26	ug/L			06/10/24 10:24	1
1,2,4-Trimethylbenzene	ND		0.50	0.22	ug/L			06/10/24 10:24	1
1,3,5-Trimethylbenzene	ND		0.50	0.19	ug/L			06/10/24 10:24	1
c-1,2-Dichloroethene	ND		0.50	0.16	ug/L			06/10/24 10:24	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.84	ug/L			06/10/24 10:24	1
1,2-Dichlorobenzene	ND		0.50	0.14	ug/L			06/10/24 10:24	1
1,2-Dichloroethane	ND		0.50	0.14	ug/L			06/10/24 10:24	1
1,2-Dichloropropane	ND		0.50	0.14	ug/L			06/10/24 10:24	1
t-1,2-Dichloroethene	ND		0.50	0.22	ug/L			06/10/24 10:24	1
c-1,3-Dichloropropene	ND		0.50	0.15	ug/L			06/10/24 10:24	1
1,3-Dichlorobenzene	ND		0.50	0.16	ug/L			06/10/24 10:24	1
1,3-Dichloropropane	ND		0.50	0.19	ug/L			06/10/24 10:24	1
t-1,3-Dichloropropene	ND		0.50	0.21	ug/L			06/10/24 10:24	1
1,4-Dichlorobenzene	ND		0.50	0.11	ug/L			06/10/24 10:24	1
2,2-Dichloropropane	ND		0.50	0.26	ug/L			06/10/24 10:24	1
2-Chlorotoluene	ND		0.50	0.23	ug/L			06/10/24 10:24	1
4-Chlorotoluene	ND		0.50	0.24	ug/L			06/10/24 10:24	1
4-Methyl-2-pentanone	ND		5.0	1.6	ug/L			06/10/24 10:24	1
Acetone	ND		8.0	3.6	ug/L			06/10/24 10:24	1
Bromobenzene	ND		0.50	0.14	ug/L			06/10/24 10:24	1
Bromochloromethane	ND		1.0	0.27	ug/L			06/10/24 10:24	1
Bromoform	ND		0.50	0.28	ug/L			06/10/24 10:24	1
Bromomethane	ND		2.0	1.9	ug/L			06/10/24 10:24	1
Carbon disulfide	ND		1.0	0.32	ug/L			06/10/24 10:24	1
Carbon tetrachloride	ND		0.50	0.27	ug/L			06/10/24 10:24	1
Chlorobenzene	ND		0.50	0.12	ug/L			06/10/24 10:24	1
Dibromochloromethane	ND		0.50	0.21	ug/L			06/10/24 10:24	1
Chloroethane	ND		0.50	0.38	ug/L			06/10/24 10:24	1
Chloroform	ND		0.50	0.17	ug/L			06/10/24 10:24	1
Chloromethane	ND		1.0	0.65	ug/L			06/10/24 10:24	1
Dibromomethane	ND		0.50	0.16	ug/L			06/10/24 10:24	1

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QC Sample Results

Client: Stantec Consulting Services Inc
Project/Site: ExxonMobil Gladiola Station/238000257

Job ID: 570-186788-1

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

Lab Sample ID: MB 570-449193/5

Matrix: Water

Analysis Batch: 449193

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Bromodichloromethane	ND		0.50	0.15	ug/L			06/10/24 10:24	1
Dichlorodifluoromethane	ND		1.0	0.51	ug/L			06/10/24 10:24	1
1,2-Dibromoethane	ND		0.50	0.27	ug/L			06/10/24 10:24	1
Hexachloro-1,3-butadiene	ND		1.0	0.26	ug/L			06/10/24 10:24	1
Isopropylbenzene	ND		0.50	0.21	ug/L			06/10/24 10:24	1
2-Butanone	ND		5.0	2.9	ug/L			06/10/24 10:24	1
Methylene Chloride	ND		1.0	0.40	ug/L			06/10/24 10:24	1
2-Hexanone	ND		6.0	2.0	ug/L			06/10/24 10:24	1
Naphthalene	ND		1.0	0.55	ug/L			06/10/24 10:24	1
n-Butylbenzene	ND		0.50	0.24	ug/L			06/10/24 10:24	1
N-Propylbenzene	ND		0.50	0.18	ug/L			06/10/24 10:24	1
p-Isopropyltoluene	ND		0.50	0.20	ug/L			06/10/24 10:24	1
sec-Butylbenzene	ND		0.50	0.20	ug/L			06/10/24 10:24	1
Styrene	ND		0.50	0.27	ug/L			06/10/24 10:24	1
tert-Butylbenzene	ND		0.50	0.21	ug/L			06/10/24 10:24	1
Tetrachloroethene	ND		0.50	0.16	ug/L			06/10/24 10:24	1
Trichloroethene	ND		0.50	0.15	ug/L			06/10/24 10:24	1
Trichlorofluoromethane	ND		0.50	0.26	ug/L			06/10/24 10:24	1
Vinyl chloride	ND		0.50	0.23	ug/L			06/10/24 10:24	1

Surrogate	MB	MB	Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
1,2-Dichloroethane-d4 (Surr)	106		64 - 132		06/10/24 10:24	1
4-Bromofluorobenzene (Surr)	99		76 - 120		06/10/24 10:24	1
Dibromofluoromethane (Surr)	107		80 - 120		06/10/24 10:24	1
Toluene-d8 (Surr)	99		80 - 120		06/10/24 10:24	1

Lab Sample ID: LCS 570-449193/1002

Matrix: Water

Analysis Batch: 449193

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	10.0	10.51		ug/L		105	80 - 120
Toluene	10.0	10.14		ug/L		101	80 - 120
Ethylbenzene	10.0	10.20		ug/L		102	80 - 126
o-Xylene	10.0	10.16		ug/L		102	80 - 124
m,p-Xylene	20.0	20.75		ug/L		104	80 - 123
Methyl-t-Butyl Ether (MTBE)	10.0	10.17		ug/L		102	69 - 128
1,1-Dichloroethene	10.0	9.889		ug/L		99	80 - 126
1,2-Dichlorobenzene	10.0	9.672		ug/L		97	80 - 120
1,2-Dichloroethane	10.0	9.550		ug/L		95	76 - 130
Carbon tetrachloride	10.0	13.93		ug/L		139	61 - 139
Chlorobenzene	10.0	9.898		ug/L		99	80 - 120
1,2-Dibromoethane	10.0	10.28		ug/L		103	80 - 125
Hexachloro-1,3-butadiene	10.0	10.66		ug/L		107	80 - 123
Trichloroethene	10.0	10.09		ug/L		101	77 - 124
Vinyl chloride	10.0	10.51		ug/L		105	50 - 160

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QC Sample Results

Client: Stantec Consulting Services Inc
Project/Site: ExxonMobil Gladiola Station/238000257

Job ID: 570-186788-1

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

Lab Sample ID: LCS 570-449193/1002

Matrix: Water

Analysis Batch: 449193

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Surrogate	LCS		Limits
	%Recovery	Qualifier	
1,2-Dichloroethane-d4 (Surr)	100		64 - 132
4-Bromofluorobenzene (Surr)	100		76 - 120
Dibromofluoromethane (Surr)	105		80 - 120
Toluene-d8 (Surr)	100		80 - 120

Lab Sample ID: LCSD 570-449193/3

Matrix: Water

Analysis Batch: 449193

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec		RPD	Limit
							Limits			
Benzene	10.0	10.58		ug/L		106	80 - 120		1	20
Toluene	10.0	10.29		ug/L		103	80 - 120		1	20
Ethylbenzene	10.0	10.23		ug/L		102	80 - 126		0	20
o-Xylene	10.0	10.11		ug/L		101	80 - 124		1	20
m,p-Xylene	20.0	20.75		ug/L		104	80 - 123		0	20
Methyl-t-Butyl Ether (MTBE)	10.0	10.34		ug/L		103	69 - 128		2	20
1,1-Dichloroethene	10.0	9.917		ug/L		99	80 - 126		0	21
1,2-Dichlorobenzene	10.0	9.801		ug/L		98	80 - 120		1	20
1,2-Dichloroethane	10.0	9.864		ug/L		99	76 - 130		3	20
Carbon tetrachloride	10.0	13.54		ug/L		135	61 - 139		3	20
Chlorobenzene	10.0	9.818		ug/L		98	80 - 120		1	20
1,2-Dibromoethane	10.0	10.33		ug/L		103	80 - 125		0	20
Hexachloro-1,3-butadiene	10.0	10.86		ug/L		109	80 - 123		2	20
Trichloroethene	10.0	9.985		ug/L		100	77 - 124		1	20
Vinyl chloride	10.0	10.48		ug/L		105	50 - 160		0	20

Surrogate	LCSD		Limits
	%Recovery	Qualifier	
1,2-Dichloroethane-d4 (Surr)	100		64 - 132
4-Bromofluorobenzene (Surr)	101		76 - 120
Dibromofluoromethane (Surr)	103		80 - 120
Toluene-d8 (Surr)	102		80 - 120

Method: 8270C SIM - PAHs (GC/MS SIM)

Lab Sample ID: MB 570-448515/1-A

Matrix: Water

Analysis Batch: 450561

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 448515

Analyte	MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Acenaphthene	ND		0.20	0.097	ug/L		06/07/24 05:17	06/13/24 15:58	1
Acenaphthylene	ND		0.20	0.069	ug/L		06/07/24 05:17	06/13/24 15:58	1
Anthracene	ND		0.20	0.059	ug/L		06/07/24 05:17	06/13/24 15:58	1
Benzo[a]anthracene	ND		0.20	0.086	ug/L		06/07/24 05:17	06/13/24 15:58	1
Benzo[a]pyrene	ND		0.20	0.062	ug/L		06/07/24 05:17	06/13/24 15:58	1
Benzo[b]fluoranthene	ND		0.20	0.18	ug/L		06/07/24 05:17	06/13/24 15:58	1
Benzo[g,h,i]perylene	ND		0.20	0.10	ug/L		06/07/24 05:17	06/13/24 15:58	1
Benzo[k]fluoranthene	ND		0.20	0.15	ug/L		06/07/24 05:17	06/13/24 15:58	1
Chrysene	ND		0.20	0.059	ug/L		06/07/24 05:17	06/13/24 15:58	1

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QC Sample Results

Client: Stantec Consulting Services Inc
Project/Site: ExxonMobil Gladiola Station/238000257

Job ID: 570-186788-1

Method: 8270C SIM - PAHs (GC/MS SIM) (Continued)

Lab Sample ID: MB 570-448515/1-A							Client Sample ID: Method Blank		
Matrix: Water							Prep Type: Total/NA		
Analysis Batch: 450561							Prep Batch: 448515		
Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenz(a,h)anthracene	ND		0.20	0.11	ug/L		06/07/24 05:17	06/13/24 15:58	1
Fluoranthene	ND		0.20	0.14	ug/L		06/07/24 05:17	06/13/24 15:58	1
Fluorene	ND		0.20	0.075	ug/L		06/07/24 05:17	06/13/24 15:58	1
Indeno[1,2,3-cd]pyrene	ND		0.20	0.11	ug/L		06/07/24 05:17	06/13/24 15:58	1
1-Methylnaphthalene	ND		0.20	0.073	ug/L		06/07/24 05:17	06/13/24 15:58	1
2-Methylnaphthalene	ND		0.20	0.077	ug/L		06/07/24 05:17	06/13/24 15:58	1
Naphthalene	ND		0.20	0.15	ug/L		06/07/24 05:17	06/13/24 15:58	1
Phenanthrene	ND		0.20	0.073	ug/L		06/07/24 05:17	06/13/24 15:58	1
Pyrene	ND		0.20	0.066	ug/L		06/07/24 05:17	06/13/24 15:58	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl (Surr)	61		33 - 144				06/07/24 05:17	06/13/24 15:58	1
Nitrobenzene-d5 (Surr)	66		28 - 139				06/07/24 05:17	06/13/24 15:58	1
p-Terphenyl-d14 (Surr)	60		23 - 160				06/07/24 05:17	06/13/24 15:58	1

Lab Sample ID: LCS 570-448515/2-A					Client Sample ID: Lab Control Sample				
Matrix: Water					Prep Type: Total/NA				
Analysis Batch: 450561					Prep Batch: 448515				
Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec		
							Limits		
Acenaphthene	10.0	7.789		ug/L		78	55 - 121		
Acenaphthylene	10.0	8.398		ug/L		84	33 - 145		
Anthracene	10.0	9.389		ug/L		94	27 - 133		
Benzo[a]anthracene	10.0	7.223		ug/L		72	33 - 143		
Benzo[a]pyrene	10.0	6.335		ug/L		63	17 - 163		
Benzo[b]fluoranthene	10.0	5.733		ug/L		57	24 - 159		
Benzo[g,h,i]perylene	10.0	7.298		ug/L		73	25 - 157		
Benzo[k]fluoranthene	10.0	6.601		ug/L		66	24 - 159		
Chrysene	10.0	8.068		ug/L		81	17 - 168		
Dibenz(a,h)anthracene	10.0	7.337		ug/L		73	25 - 175		
Fluoranthene	10.0	8.617		ug/L		86	26 - 137		
Fluorene	10.0	7.556		ug/L		76	59 - 121		
Indeno[1,2,3-cd]pyrene	10.0	7.178		ug/L		72	25 - 175		
1-Methylnaphthalene	10.0	8.230		ug/L		82	20 - 140		
2-Methylnaphthalene	10.0	7.896		ug/L		79	21 - 140		
Naphthalene	10.0	7.560		ug/L		76	21 - 133		
Phenanthrene	10.0	8.605		ug/L		86	54 - 120		
Pyrene	10.0	8.436		ug/L		84	45 - 129		
		LCS	LCS						
Surrogate	%Recovery	Qualifier	Limits						
2-Fluorobiphenyl (Surr)	73		33 - 144						
Nitrobenzene-d5 (Surr)	75		28 - 139						
p-Terphenyl-d14 (Surr)	73		23 - 160						

QC Sample Results

Client: Stantec Consulting Services Inc
Project/Site: ExxonMobil Gladiola Station/238000257

Job ID: 570-186788-1

Method: 8270C SIM - PAHs (GC/MS SIM) (Continued)

Lab Sample ID: LCSD 570-448515/3-A
Matrix: Water
Analysis Batch: 450561

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 448515

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec		RPD	
							Limits		RPD	Limit
Acenaphthene	10.0	7.616		ug/L		76	55 - 121		2	25
Acenaphthylene	10.0	8.136		ug/L		81	33 - 145		3	25
Anthracene	10.0	8.670		ug/L		87	27 - 133		8	25
Benzo[a]anthracene	10.0	6.864		ug/L		69	33 - 143		5	25
Benzo[a]pyrene	10.0	6.074		ug/L		61	17 - 163		4	25
Benzo[b]fluoranthene	10.0	5.698		ug/L		57	24 - 159		1	25
Benzo[g,h,i]perylene	10.0	6.757		ug/L		68	25 - 157		8	25
Benzo[k]fluoranthene	10.0	6.646		ug/L		66	24 - 159		1	25
Chrysene	10.0	7.916		ug/L		79	17 - 168		2	25
Dibenz(a,h)anthracene	10.0	6.871		ug/L		69	25 - 175		7	25
Fluoranthene	10.0	7.907		ug/L		79	26 - 137		9	25
Fluorene	10.0	7.616		ug/L		76	59 - 121		1	25
Indeno[1,2,3-cd]pyrene	10.0	6.497		ug/L		65	25 - 175		10	25
1-Methylnaphthalene	10.0	7.492		ug/L		75	20 - 140		9	25
2-Methylnaphthalene	10.0	7.051		ug/L		71	21 - 140		11	25
Naphthalene	10.0	7.286		ug/L		73	21 - 133		4	25
Phenanthrene	10.0	7.817		ug/L		78	54 - 120		10	25
Pyrene	10.0	6.937		ug/L		69	45 - 129		20	25

Surrogate	LCSD		Limits
	%Recovery	Qualifier	
2-Fluorobiphenyl (Surr)	73		33 - 144
Nitrobenzene-d5 (Surr)	69		28 - 139
p-Terphenyl-d14 (Surr)	62		23 - 160

Method: 9056A - Anions, Ion Chromatography

Lab Sample ID: MB 570-447658/5
Matrix: Water
Analysis Batch: 447658

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

Analyte	MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Bromide	ND		0.10	0.041	mg/L			06/05/24 07:23	1
Sulfate	ND		1.0	0.24	mg/L			06/05/24 07:23	1

Lab Sample ID: LCS 570-447658/6
Matrix: Water
Analysis Batch: 447658

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec	
							Limits	
Bromide	5.00	4.946		mg/L		99	80 - 120	
Sulfate	50.0	50.72		mg/L		101	80 - 120	

Lab Sample ID: LCSD 570-447658/7
Matrix: Water
Analysis Batch: 447658

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

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec		RPD	
							Limits		RPD	Limit
Bromide	5.00	5.105		mg/L		102	80 - 120		3	15
Sulfate	50.0	50.50		mg/L		101	80 - 120		0	15

Eurofins Calscience

QC Sample Results

Client: Stantec Consulting Services Inc
Project/Site: ExxonMobil Gladiola Station/238000257

Job ID: 570-186788-1

Method: 9056A - Anions, Ion Chromatography

Lab Sample ID: 570-186772-D-2 MS

Matrix: Water

Analysis Batch: 447658

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Bromide	0.68		5.00	5.856		mg/L		103	80 - 120
Sulfate	29		50.0	86.01		mg/L		114	80 - 120

Lab Sample ID: 570-186772-D-2 MSD

Matrix: Water

Analysis Batch: 447658

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Bromide	0.68		5.00	5.758		mg/L		101	80 - 120	2	15
Sulfate	29		50.0	85.52		mg/L		113	80 - 120	1	15

Method: 245.1 - Mercury (CVAA)

Lab Sample ID: MB 570-448112/1-A

Matrix: Water

Analysis Batch: 448297

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 448112

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.000200	0.000124	mg/L		06/06/24 07:08	06/06/24 10:58	1

Lab Sample ID: LCS 570-448112/2-A

Matrix: Water

Analysis Batch: 448297

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 448112

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.00800	0.007868		mg/L		98	85 - 115

Lab Sample ID: LCSD 570-448112/3-A

Matrix: Water

Analysis Batch: 448297

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 448112

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury	0.00800	0.007766		mg/L		97	85 - 115	1	10

Lab Sample ID: 570-186788-1 MS

Matrix: Water

Analysis Batch: 448297

Client Sample ID: MW17

Prep Type: Total/NA

Prep Batch: 448112

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.000156	J	0.00800	0.007439		mg/L		91	85 - 115

Lab Sample ID: 570-186788-1 MSD

Matrix: Water

Analysis Batch: 448297

Client Sample ID: MW17

Prep Type: Total/NA

Prep Batch: 448112

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury	0.000156	J	0.00800	0.007430		mg/L		91	85 - 115	0	10

Eurofins Calscience

QC Sample Results

Client: Stantec Consulting Services Inc
Project/Site: ExxonMobil Gladiola Station/238000257

Job ID: 570-186788-1

Method: 245.1 - Mercury (CVAA) (Continued)

Lab Sample ID: MB 570-448677/1-A

Matrix: Water

Analysis Batch: 449290

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 448677

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.000200	0.000124	mg/L		06/07/24 11:51	06/07/24 20:16	1

Lab Sample ID: LCS 570-448677/2-A

Matrix: Water

Analysis Batch: 449290

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 448677

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.00800	0.007945		mg/L		99	85 - 115

Lab Sample ID: LCSD 570-448677/3-A

Matrix: Water

Analysis Batch: 449290

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 448677

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury	0.00800	0.007923		mg/L		99	85 - 115	0	10

Lab Sample ID: 570-187152-E-1-C MS

Matrix: Water

Analysis Batch: 449290

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 448677

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	ND		0.00800	0.008147		mg/L		102	85 - 115

Lab Sample ID: 570-187152-E-1-D MSD

Matrix: Water

Analysis Batch: 449290

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 448677

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury	ND		0.00800	0.007746		mg/L		97	85 - 115	5	10

Method: 6010B - Metals (ICP)

Lab Sample ID: 570-186812-F-4-A MS

Matrix: Water

Analysis Batch: 449180

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 448550

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Arsenic	ND		0.500	0.5267		mg/L		105	80 - 140
Barium	0.833		0.500	1.304		mg/L		94	87 - 123
Cadmium	ND		0.500	0.4767		mg/L		95	82 - 124
Chromium	ND		0.500	0.5002		mg/L		100	86 - 122
Lead	ND		0.500	0.4784		mg/L		96	84 - 120
Selenium	ND		0.500	0.4911		mg/L		98	79 - 127
Silver	0.00440	J	0.250	0.2780		mg/L		109	86 - 128

Eurofins Calscience

QC Sample Results

Client: Stantec Consulting Services Inc
Project/Site: ExxonMobil Gladiola Station/238000257

Job ID: 570-186788-1

Method: 6010B - Metals (ICP) (Continued)

Lab Sample ID: 570-186812-F-4-B MSD

Matrix: Water

Analysis Batch: 449180

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 448550

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec	RPD	Limit
	Result	Qualifier	Added	Result	Qualifier				Limits		
Arsenic	ND		0.500	0.5413		mg/L		108	80 - 140	3	11
Barium	0.833		0.500	1.290		mg/L		91	87 - 123	1	6
Cadmium	ND		0.500	0.4743		mg/L		95	82 - 124	1	7
Chromium	ND		0.500	0.5007		mg/L		100	86 - 122	0	8
Lead	ND		0.500	0.4827		mg/L		97	84 - 120	1	7
Selenium	ND		0.500	0.4928		mg/L		99	79 - 127	0	9
Silver	0.00440	J	0.250	0.2780		mg/L		109	86 - 128	0	7

Lab Sample ID: MB 570-448092/1-A

Matrix: Water

Analysis Batch: 448320

Client Sample ID: Method Blank

Prep Type: Total Recoverable

Prep Batch: 448092

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil	Fac
	Result	Qualifier								
Arsenic	ND		0.100	0.0199	mg/L		06/06/24 06:28	06/06/24 13:19		1
Barium	ND		0.0100	0.00111	mg/L		06/06/24 06:28	06/06/24 13:19		1
Cadmium	ND		0.0100	0.000620	mg/L		06/06/24 06:28	06/06/24 13:19		1
Chromium	ND		0.0500	0.00296	mg/L		06/06/24 06:28	06/06/24 13:19		1
Lead	ND		0.0500	0.00527	mg/L		06/06/24 06:28	06/06/24 13:19		1
Selenium	ND		0.0500	0.0162	mg/L		06/06/24 06:28	06/06/24 13:19		1
Silver	ND		0.0100	0.00259	mg/L		06/06/24 06:28	06/06/24 13:19		1

Lab Sample ID: LCS 570-448092/2-A

Matrix: Water

Analysis Batch: 448320

Client Sample ID: Lab Control Sample

Prep Type: Total Recoverable

Prep Batch: 448092

Analyte	Spike	LCS	LCS	Unit	D	%Rec	%Rec
							Limits
Arsenic	0.500	0.5148		mg/L		103	80 - 120
Barium	0.500	0.5194		mg/L		104	80 - 120
Cadmium	0.500	0.5192		mg/L		104	80 - 120
Chromium	0.500	0.5275		mg/L		106	80 - 120
Lead	0.500	0.5211		mg/L		104	80 - 120
Selenium	0.500	0.5186		mg/L		104	80 - 120
Silver	0.250	0.2652		mg/L		106	80 - 120

Lab Sample ID: LCSD 570-448092/3-A

Matrix: Water

Analysis Batch: 448320

Client Sample ID: Lab Control Sample Dup

Prep Type: Total Recoverable

Prep Batch: 448092

Analyte	Spike	LCSD	LCSD	Unit	D	%Rec	%Rec	RPD	Limit
							Limits		
Arsenic	0.500	0.5149		mg/L		103	80 - 120	0	20
Barium	0.500	0.5153		mg/L		103	80 - 120	1	20
Cadmium	0.500	0.5156		mg/L		103	80 - 120	1	20
Chromium	0.500	0.5221		mg/L		104	80 - 120	1	20
Lead	0.500	0.5179		mg/L		104	80 - 120	1	20
Selenium	0.500	0.5184		mg/L		104	80 - 120	0	20
Silver	0.250	0.2629		mg/L		105	80 - 120	1	20

Eurofins Calscience

QC Sample Results

Client: Stantec Consulting Services Inc
Project/Site: ExxonMobil Gladiola Station/238000257

Job ID: 570-186788-1

Method: 6010B - Metals (ICP) (Continued)

Lab Sample ID: 570-186780-K-1-B MS

Matrix: Water

Analysis Batch: 448320

Client Sample ID: Matrix Spike

Prep Type: Total Recoverable

Prep Batch: 448092

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Arsenic	ND		0.500	0.5273		mg/L		105	80 - 140
Barium	0.0443		0.500	0.5455		mg/L		100	87 - 123
Cadmium	ND		0.500	0.4938		mg/L		99	82 - 124
Chromium	ND		0.500	0.5179		mg/L		104	86 - 122
Lead	0.00610	J	0.500	0.4947		mg/L		98	84 - 120
Selenium	ND		0.500	0.5300		mg/L		106	79 - 127
Silver	ND		0.250	0.2685		mg/L		107	86 - 128

Lab Sample ID: 570-186780-K-1-C MSD

Matrix: Water

Analysis Batch: 448320

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total Recoverable

Prep Batch: 448092

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Arsenic	ND		0.500	0.5320		mg/L		106	80 - 140	1	11
Barium	0.0443		0.500	0.5493		mg/L		101	87 - 123	1	6
Cadmium	ND		0.500	0.4976		mg/L		100	82 - 124	1	7
Chromium	ND		0.500	0.5193		mg/L		104	86 - 122	0	8
Lead	0.00610	J	0.500	0.4978		mg/L		98	84 - 120	1	7
Selenium	ND		0.500	0.5288		mg/L		106	79 - 127	0	9
Silver	ND		0.250	0.2691		mg/L		108	86 - 128	0	7

Lab Sample ID: MB 570-448550/1-A

Matrix: Water

Analysis Batch: 449180

Client Sample ID: Method Blank

Prep Type: Total Recoverable

Prep Batch: 448550

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		0.100	0.0199	mg/L		06/07/24 07:34	06/07/24 19:02	1
Barium	ND		0.0100	0.00111	mg/L		06/07/24 07:34	06/07/24 19:02	1
Cadmium	ND		0.0100	0.000620	mg/L		06/07/24 07:34	06/07/24 19:02	1
Chromium	ND		0.0500	0.00296	mg/L		06/07/24 07:34	06/07/24 19:02	1
Lead	ND		0.0500	0.00527	mg/L		06/07/24 07:34	06/07/24 19:02	1
Selenium	ND		0.0500	0.0162	mg/L		06/07/24 07:34	06/07/24 19:02	1
Silver	ND		0.0100	0.00259	mg/L		06/07/24 07:34	06/07/24 19:02	1

Lab Sample ID: LCS 570-448550/2-A

Matrix: Water

Analysis Batch: 449180

Client Sample ID: Lab Control Sample

Prep Type: Total Recoverable

Prep Batch: 448550

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Arsenic	0.500	0.4992		mg/L		100	80 - 120
Barium	0.500	0.4977		mg/L		100	80 - 120
Cadmium	0.500	0.5009		mg/L		100	80 - 120
Chromium	0.500	0.5001		mg/L		100	80 - 120
Lead	0.500	0.5074		mg/L		101	80 - 120
Selenium	0.500	0.4921		mg/L		98	80 - 120
Silver	0.250	0.2570		mg/L		103	80 - 120

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QC Sample Results

Client: Stantec Consulting Services Inc
Project/Site: ExxonMobil Gladiola Station/238000257

Job ID: 570-186788-1

Method: 6010B - Metals (ICP) (Continued)

Lab Sample ID: LCSD 570-448550/3-A

Matrix: Water

Analysis Batch: 449180

Client Sample ID: Lab Control Sample Dup

Prep Type: Total Recoverable

Prep Batch: 448550

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec		RPD	Limit
							Limits			
Arsenic	0.500	0.5153		mg/L		103	80 - 120		3	20
Barium	0.500	0.5105		mg/L		102	80 - 120		3	20
Cadmium	0.500	0.5149		mg/L		103	80 - 120		3	20
Chromium	0.500	0.5139		mg/L		103	80 - 120		3	20
Lead	0.500	0.5212		mg/L		104	80 - 120		3	20
Selenium	0.500	0.5092		mg/L		102	80 - 120		3	20
Silver	0.250	0.2633		mg/L		105	80 - 120		2	20

Method: 6020 - Metals (ICP/MS)

Lab Sample ID: MB 570-448111/1-A

Matrix: Water

Analysis Batch: 448635

Client Sample ID: Method Blank

Prep Type: Total Recoverable

Prep Batch: 448111

Analyte	MB MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Calcium	ND		100	24.6	ug/L		06/06/24 06:57	06/07/24 08:56	1
Magnesium	ND		100	15.1	ug/L		06/06/24 06:57	06/07/24 08:56	1
Potassium	ND		100	16.6	ug/L		06/06/24 06:57	06/07/24 08:56	1
Sodium	21.72	J	100	13.9	ug/L		06/06/24 06:57	06/07/24 08:56	1

Lab Sample ID: LCS 570-448111/2-A

Matrix: Water

Analysis Batch: 448635

Client Sample ID: Lab Control Sample

Prep Type: Total Recoverable

Prep Batch: 448111

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec		RPD	Limit
							Limits			
Calcium	4000	4124		ug/L		103	80 - 120			
Magnesium	2000	2028		ug/L		101	80 - 120			
Potassium	2000	2021		ug/L		101	80 - 120			
Sodium	2000	2065		ug/L		103	80 - 120			

Lab Sample ID: LCSD 570-448111/3-A

Matrix: Water

Analysis Batch: 448635

Client Sample ID: Lab Control Sample Dup

Prep Type: Total Recoverable

Prep Batch: 448111

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec		RPD	Limit
							Limits			
Calcium	4000	4046		ug/L		101	80 - 120		2	20
Magnesium	2000	2008		ug/L		100	80 - 120		1	20
Potassium	2000	1997		ug/L		100	80 - 120		1	20
Sodium	2000	2053		ug/L		103	80 - 120		1	20

Lab Sample ID: 570-187039-G-1-B MS

Matrix: Water

Analysis Batch: 448635

Client Sample ID: Matrix Spike

Prep Type: Total Recoverable

Prep Batch: 448111

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec		RPD	Limit
									Limits			
Calcium	83100		4000	88740	4	ug/L		141	80 - 120			
Magnesium	10500		2000	12640	4	ug/L		108	63 - 123			
Potassium	3090		2000	5207		ug/L		106	80 - 120			
Sodium	23300	B	2000	25650	4	ug/L		119	80 - 120			

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QC Sample Results

Client: Stantec Consulting Services Inc
Project/Site: ExxonMobil Gladiola Station/238000257

Job ID: 570-186788-1

Method: 6020 - Metals (ICP/MS) (Continued)

Lab Sample ID: 570-187039-G-1-C MSD

Matrix: Water

Analysis Batch: 448635

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total Recoverable

Prep Batch: 448111

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec	RPD	Limit
	Result	Qualifier	Added	Result	Qualifier				Limits		
Calcium	83100		4000	86830	4	ug/L		93	80 - 120	2	20
Magnesium	10500		2000	12370	4	ug/L		95	63 - 123	2	32
Potassium	3090		2000	5037		ug/L		97	80 - 120	3	20
Sodium	23300	B	2000	24900	4	ug/L		82	80 - 120	3	20

Lab Sample ID: MB 570-448549/1-A

Matrix: Water

Analysis Batch: 448747

Client Sample ID: Method Blank

Prep Type: Total Recoverable

Prep Batch: 448549

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil	Fac
	Result	Qualifier								
Calcium	ND		100	24.6	ug/L		06/07/24 07:02	06/07/24 12:30	1	
Magnesium	ND		100	15.1	ug/L		06/07/24 07:02	06/07/24 12:30	1	
Potassium	34.31	J	100	16.6	ug/L		06/07/24 07:02	06/07/24 12:30	1	
Sodium	22.83	J	100	13.9	ug/L		06/07/24 07:02	06/07/24 12:30	1	

Lab Sample ID: LCS 570-448549/2-A

Matrix: Water

Analysis Batch: 448747

Client Sample ID: Lab Control Sample

Prep Type: Total Recoverable

Prep Batch: 448549

Analyte	Spike	LCS	LCS	Unit	D	%Rec	%Rec
							Limits
Calcium	4000	4212		ug/L		105	80 - 120
Magnesium	2000	2086		ug/L		104	80 - 120
Potassium	2000	2059		ug/L		103	80 - 120
Sodium	2000	2106		ug/L		105	80 - 120

Lab Sample ID: LCSD 570-448549/3-A

Matrix: Water

Analysis Batch: 448747

Client Sample ID: Lab Control Sample Dup

Prep Type: Total Recoverable

Prep Batch: 448549

Analyte	Spike	LCSD	LCSD	Unit	D	%Rec	%Rec	RPD	Limit
							Limits		
Calcium	4000	4155		ug/L		104	80 - 120	1	20
Magnesium	2000	2082		ug/L		104	80 - 120	0	20
Potassium	2000	2077		ug/L		104	80 - 120	1	20
Sodium	2000	2102		ug/L		105	80 - 120	0	20

Lab Sample ID: 570-181639-B-10-E MS

Matrix: Water

Analysis Batch: 448747

Client Sample ID: Matrix Spike

Prep Type: Total Recoverable

Prep Batch: 448549

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec	RPD	Limit
	Result	Qualifier	Added	Result	Qualifier				Limits		
Calcium	208000		4000	201200	4	ug/L		-168	80 - 120		
Magnesium	38600		2000	38760	4	ug/L		8	63 - 123		
Potassium	1860	B	2000	3792		ug/L		96	80 - 120		
Sodium	149000	B	2000	143700	4	ug/L		-277	80 - 120		

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QC Sample Results

Client: Stantec Consulting Services Inc
Project/Site: ExxonMobil Gladiola Station/238000257

Job ID: 570-186788-1

Method: 6020 - Metals (ICP/MS) (Continued)

Lab Sample ID: 570-181639-B-10-F MSD

Matrix: Water

Analysis Batch: 448747

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total Recoverable

Prep Batch: 448549

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec	RPD	Limit
	Result	Qualifier	Added	Result	Qualifier				Limits		
Calcium	208000		4000	206200	4	ug/L		-43	80 - 120	2	20
Magnesium	38600		2000	39430	4	ug/L		41	63 - 123	2	32
Potassium	1860	B	2000	3846		ug/L		99	80 - 120	1	20
Sodium	149000	B	2000	146500	4	ug/L		-139	80 - 120	2	20

Method: SM 2320B - Alkalinity

Lab Sample ID: MB 570-449292/74

Matrix: Water

Analysis Batch: 449292

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Alkalinity, Total (As CaCO3)	ND		5.00	2.18	mg/L			06/07/24 20:17	1
Bicarbonate (as CaCO3)	ND		5.00	2.18	mg/L			06/07/24 20:17	1

Lab Sample ID: LCS 570-449292/72

Matrix: Water

Analysis Batch: 449292

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike	LCS	LCS	Unit	D	%Rec	%Rec
	Added	Result	Qualifier				Limits
Alkalinity, Total (As CaCO3)	106	97.26		mg/L		92	78 - 110

Lab Sample ID: LCSD 570-449292/73

Matrix: Water

Analysis Batch: 449292

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike	LCSD	LCSD	Unit	D	%Rec	%Rec	RPD	Limit
	Added	Result	Qualifier				Limits		
Alkalinity, Total (As CaCO3)	106	96.47		mg/L		91	78 - 110	1	10

Lab Sample ID: 570-186788-1 DU

Matrix: Water

Analysis Batch: 449292

Client Sample ID: MW17

Prep Type: Total/NA

Analyte	Sample	Sample	DU	DU	Unit	D	RPD	Limit
	Result	Qualifier	Result	Qualifier				
Alkalinity, Total (As CaCO3)	949		981.1		mg/L		3	25
Bicarbonate (as CaCO3)	949		981.1		mg/L		3	25

Method: SM 2540C - Solids, Total Dissolved (TDS)

Lab Sample ID: MB 570-448301/1

Matrix: Water

Analysis Batch: 448301

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Total Dissolved Solids	ND		10.0	8.70	mg/L			06/06/24 14:00	1

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QC Sample Results

Client: Stantec Consulting Services Inc
Project/Site: ExxonMobil Gladiola Station/238000257

Job ID: 570-186788-1

Method: SM 2540C - Solids, Total Dissolved (TDS) (Continued)

Lab Sample ID: LCS 570-448301/2

Matrix: Water

Analysis Batch: 448301

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Dissolved Solids	1000	960.0		mg/L		96	84 - 108

Lab Sample ID: LCSD 570-448301/3

Matrix: Water

Analysis Batch: 448301

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Total Dissolved Solids	1000	958.0		mg/L		96	84 - 108	0	10

Lab Sample ID: 570-187018-F-1 DU

Matrix: Water

Analysis Batch: 448301

Client Sample ID: Duplicate

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Dissolved Solids	29800		31520		mg/L		5	10

Lab Sample ID: MB 570-448348/1

Matrix: Water

Analysis Batch: 448348

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	ND		10.0	8.70	mg/L			06/06/24 15:45	1

Lab Sample ID: LCS 570-448348/2

Matrix: Water

Analysis Batch: 448348

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Dissolved Solids	1000	1000		mg/L		100	84 - 108

Lab Sample ID: LCSD 570-448348/3

Matrix: Water

Analysis Batch: 448348

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Total Dissolved Solids	1000	1012		mg/L		101	84 - 108	1	10

Lab Sample ID: 570-186802-K-19 DU

Matrix: Water

Analysis Batch: 448348

Client Sample ID: Duplicate

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Dissolved Solids	11300		11270		mg/L		0.2	10

Eurofins Calscience

QC Sample Results

Client: Stantec Consulting Services Inc
Project/Site: ExxonMobil Gladiola Station/238000257

Job ID: 570-186788-1

Method: SM 4500 Cl- C - Chloride, Total

Lab Sample ID: MB 570-449070/1

Matrix: Water

Analysis Batch: 449070

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		2.00	0.596	mg/L			06/08/24 16:33	1

Lab Sample ID: LCS 570-449070/2

Matrix: Water

Analysis Batch: 449070

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	100	101.1		mg/L		101	80 - 120

Lab Sample ID: LCSD 570-449070/3

Matrix: Water

Analysis Batch: 449070

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	100	102.0		mg/L		102	80 - 120	1	10

Lab Sample ID: 570-186788-1 MS

Matrix: Water

Analysis Batch: 449070

Client Sample ID: MW17

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	4.53		100	107.9		mg/L		103	75 - 125

Lab Sample ID: 570-186788-1 MSD

Matrix: Water

Analysis Batch: 449070

Client Sample ID: MW17

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	4.53		100	106.6		mg/L		102	75 - 125	1	15

Lab Sample ID: 570-186788-1 DU

Matrix: Water

Analysis Batch: 449070

Client Sample ID: MW17

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Chloride	4.53		3.926		mg/L		14	15

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QC Association Summary

Client: Stantec Consulting Services Inc
Project/Site: ExxonMobil Gladiola Station/238000257

Job ID: 570-186788-1

GC/MS VOA

Analysis Batch: 449193

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-186788-1	MW17	Total/NA	Water	8260B	
570-186788-2	MW22	Total/NA	Water	8260B	
570-186788-3	MW3	Total/NA	Water	8260B	
570-186788-4	MW27	Total/NA	Water	8260B	
570-186788-5	MW28	Total/NA	Water	8260B	
570-186788-7	MW29	Total/NA	Water	8260B	
570-186788-8	MW11	Total/NA	Water	8260B	
570-186788-9	Trip Blank	Total/NA	Water	8260B	
570-186788-10	Trip Blank	Total/NA	Water	8260B	
MB 570-449193/5	Method Blank	Total/NA	Water	8260B	
LCS 570-449193/1002	Lab Control Sample	Total/NA	Water	8260B	
LCSD 570-449193/3	Lab Control Sample Dup	Total/NA	Water	8260B	

GC/MS Semi VOA

Prep Batch: 448515

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-186788-1	MW17	Total/NA	Water	3510C	
570-186788-2	MW22	Total/NA	Water	3510C	
570-186788-3	MW3	Total/NA	Water	3510C	
570-186788-4	MW27	Total/NA	Water	3510C	
570-186788-5	MW28	Total/NA	Water	3510C	
570-186788-6	MW6	Total/NA	Water	3510C	
570-186788-7	MW29	Total/NA	Water	3510C	
570-186788-8	MW11	Total/NA	Water	3510C	
MB 570-448515/1-A	Method Blank	Total/NA	Water	3510C	
LCS 570-448515/2-A	Lab Control Sample	Total/NA	Water	3510C	
LCSD 570-448515/3-A	Lab Control Sample Dup	Total/NA	Water	3510C	

Analysis Batch: 449885

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-186788-6	MW6	Total/NA	Water	8270C SIM	448515

Analysis Batch: 450561

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 570-448515/1-A	Method Blank	Total/NA	Water	8270C SIM	448515
LCS 570-448515/2-A	Lab Control Sample	Total/NA	Water	8270C SIM	448515
LCSD 570-448515/3-A	Lab Control Sample Dup	Total/NA	Water	8270C SIM	448515

Analysis Batch: 451028

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-186788-1	MW17	Total/NA	Water	8270C SIM	448515
570-186788-2	MW22	Total/NA	Water	8270C SIM	448515
570-186788-3	MW3	Total/NA	Water	8270C SIM	448515
570-186788-4	MW27	Total/NA	Water	8270C SIM	448515
570-186788-5	MW28	Total/NA	Water	8270C SIM	448515
570-186788-7	MW29	Total/NA	Water	8270C SIM	448515
570-186788-8	MW11	Total/NA	Water	8270C SIM	448515

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QC Association Summary

Client: Stantec Consulting Services Inc
Project/Site: ExxonMobil Gladiola Station/238000257

Job ID: 570-186788-1

HPLC/IC

Analysis Batch: 447658

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-186788-1	MW17	Total/NA	Water	9056A	
570-186788-2	MW22	Total/NA	Water	9056A	
570-186788-2 - DL	MW22	Total/NA	Water	9056A	
570-186788-3	MW3	Total/NA	Water	9056A	
570-186788-4	MW27	Total/NA	Water	9056A	
570-186788-4 - DL	MW27	Total/NA	Water	9056A	
570-186788-5	MW28	Total/NA	Water	9056A	
570-186788-5 - DL	MW28	Total/NA	Water	9056A	
570-186788-7	MW29	Total/NA	Water	9056A	
570-186788-7 - DL	MW29	Total/NA	Water	9056A	
570-186788-8	MW11	Total/NA	Water	9056A	
570-186788-8 - DL	MW11	Total/NA	Water	9056A	
MB 570-447658/5	Method Blank	Total/NA	Water	9056A	
LCS 570-447658/6	Lab Control Sample	Total/NA	Water	9056A	
LCSD 570-447658/7	Lab Control Sample Dup	Total/NA	Water	9056A	
570-186772-D-2 MS	Matrix Spike	Total/NA	Water	9056A	
570-186772-D-2 MSD	Matrix Spike Duplicate	Total/NA	Water	9056A	

Metals

Prep Batch: 448092

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-186788-1	MW17	Total Recoverable	Water	3005A	
570-186788-2	MW22	Total Recoverable	Water	3005A	
570-186788-4	MW27	Total Recoverable	Water	3005A	
570-186788-5	MW28	Total Recoverable	Water	3005A	
570-186788-6	MW6	Total Recoverable	Water	3005A	
570-186788-7	MW29	Total Recoverable	Water	3005A	
570-186788-8	MW11	Total Recoverable	Water	3005A	
MB 570-448092/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 570-448092/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
LCSD 570-448092/3-A	Lab Control Sample Dup	Total Recoverable	Water	3005A	
570-186780-K-1-B MS	Matrix Spike	Total Recoverable	Water	3005A	
570-186780-K-1-C MSD	Matrix Spike Duplicate	Total Recoverable	Water	3005A	

Prep Batch: 448111

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-186788-1	MW17	Total Recoverable	Water	3005A	
570-186788-2	MW22	Total Recoverable	Water	3005A	
570-186788-4	MW27	Total Recoverable	Water	3005A	
570-186788-5	MW28	Total Recoverable	Water	3005A	
570-186788-7	MW29	Total Recoverable	Water	3005A	
570-186788-8	MW11	Total Recoverable	Water	3005A	
MB 570-448111/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 570-448111/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
LCSD 570-448111/3-A	Lab Control Sample Dup	Total Recoverable	Water	3005A	
570-187039-G-1-B MS	Matrix Spike	Total Recoverable	Water	3005A	
570-187039-G-1-C MSD	Matrix Spike Duplicate	Total Recoverable	Water	3005A	

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QC Association Summary

Client: Stantec Consulting Services Inc
Project/Site: ExxonMobil Gladiola Station/238000257

Job ID: 570-186788-1

Metals

Prep Batch: 448112

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-186788-1	MW17	Total/NA	Water	245.1	
570-186788-2	MW22	Total/NA	Water	245.1	
570-186788-4	MW27	Total/NA	Water	245.1	
570-186788-5	MW28	Total/NA	Water	245.1	
570-186788-6	MW6	Total/NA	Water	245.1	
570-186788-7	MW29	Total/NA	Water	245.1	
570-186788-8	MW11	Total/NA	Water	245.1	
MB 570-448112/1-A	Method Blank	Total/NA	Water	245.1	
LCS 570-448112/2-A	Lab Control Sample	Total/NA	Water	245.1	
LCSD 570-448112/3-A	Lab Control Sample Dup	Total/NA	Water	245.1	
570-186788-1 MS	MW17	Total/NA	Water	245.1	
570-186788-1 MSD	MW17	Total/NA	Water	245.1	

Analysis Batch: 448297

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-186788-1	MW17	Total/NA	Water	245.1	448112
570-186788-2	MW22	Total/NA	Water	245.1	448112
570-186788-4	MW27	Total/NA	Water	245.1	448112
570-186788-5	MW28	Total/NA	Water	245.1	448112
570-186788-6	MW6	Total/NA	Water	245.1	448112
570-186788-7	MW29	Total/NA	Water	245.1	448112
570-186788-8	MW11	Total/NA	Water	245.1	448112
MB 570-448112/1-A	Method Blank	Total/NA	Water	245.1	448112
LCS 570-448112/2-A	Lab Control Sample	Total/NA	Water	245.1	448112
LCSD 570-448112/3-A	Lab Control Sample Dup	Total/NA	Water	245.1	448112
570-186788-1 MS	MW17	Total/NA	Water	245.1	448112
570-186788-1 MSD	MW17	Total/NA	Water	245.1	448112

Analysis Batch: 448320

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-186788-1	MW17	Total Recoverable	Water	6010B	448092
570-186788-2	MW22	Total Recoverable	Water	6010B	448092
570-186788-4	MW27	Total Recoverable	Water	6010B	448092
MB 570-448092/1-A	Method Blank	Total Recoverable	Water	6010B	448092
LCS 570-448092/2-A	Lab Control Sample	Total Recoverable	Water	6010B	448092
LCSD 570-448092/3-A	Lab Control Sample Dup	Total Recoverable	Water	6010B	448092
570-186780-K-1-B MS	Matrix Spike	Total Recoverable	Water	6010B	448092
570-186780-K-1-C MSD	Matrix Spike Duplicate	Total Recoverable	Water	6010B	448092

Analysis Batch: 448327

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-186788-5	MW28	Total Recoverable	Water	6010B	448092
570-186788-6	MW6	Total Recoverable	Water	6010B	448092
570-186788-7	MW29	Total Recoverable	Water	6010B	448092
570-186788-8	MW11	Total Recoverable	Water	6010B	448092

Prep Batch: 448549

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-186788-3	MW3	Total Recoverable	Water	3005A	
MB 570-448549/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 570-448549/2-A	Lab Control Sample	Total Recoverable	Water	3005A	

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QC Association Summary

Client: Stantec Consulting Services Inc
Project/Site: ExxonMobil Gladiola Station/238000257

Job ID: 570-186788-1

Metals (Continued)

Prep Batch: 448549 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCSD 570-448549/3-A	Lab Control Sample Dup	Total Recoverable	Water	3005A	
570-181639-B-10-E MS	Matrix Spike	Total Recoverable	Water	3005A	
570-181639-B-10-F MSD	Matrix Spike Duplicate	Total Recoverable	Water	3005A	

Prep Batch: 448550

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-186788-3	MW3	Total Recoverable	Water	3005A	
MB 570-448550/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 570-448550/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
LCSD 570-448550/3-A	Lab Control Sample Dup	Total Recoverable	Water	3005A	
570-186812-F-4-A MS	Matrix Spike	Total/NA	Water	3005A	
570-186812-F-4-B MSD	Matrix Spike Duplicate	Total/NA	Water	3005A	

Analysis Batch: 448635

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-186788-1	MW17	Total Recoverable	Water	6020	448111
570-186788-2	MW22	Total Recoverable	Water	6020	448111
570-186788-4	MW27	Total Recoverable	Water	6020	448111
570-186788-5	MW28	Total Recoverable	Water	6020	448111
570-186788-7	MW29	Total Recoverable	Water	6020	448111
570-186788-8	MW11	Total Recoverable	Water	6020	448111
MB 570-448111/1-A	Method Blank	Total Recoverable	Water	6020	448111
LCS 570-448111/2-A	Lab Control Sample	Total Recoverable	Water	6020	448111
LCSD 570-448111/3-A	Lab Control Sample Dup	Total Recoverable	Water	6020	448111
570-187039-G-1-B MS	Matrix Spike	Total Recoverable	Water	6020	448111
570-187039-G-1-C MSD	Matrix Spike Duplicate	Total Recoverable	Water	6020	448111

Prep Batch: 448677

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-186788-3	MW3	Total/NA	Water	245.1	
MB 570-448677/1-A	Method Blank	Total/NA	Water	245.1	
LCS 570-448677/2-A	Lab Control Sample	Total/NA	Water	245.1	
LCSD 570-448677/3-A	Lab Control Sample Dup	Total/NA	Water	245.1	
570-187152-E-1-C MS	Matrix Spike	Total/NA	Water	245.1	
570-187152-E-1-D MSD	Matrix Spike Duplicate	Total/NA	Water	245.1	

Analysis Batch: 448747

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-186788-3	MW3	Total Recoverable	Water	6020	448549
570-186788-3	MW3	Total Recoverable	Water	6020	448549
MB 570-448549/1-A	Method Blank	Total Recoverable	Water	6020	448549
LCS 570-448549/2-A	Lab Control Sample	Total Recoverable	Water	6020	448549
LCSD 570-448549/3-A	Lab Control Sample Dup	Total Recoverable	Water	6020	448549
570-181639-B-10-E MS	Matrix Spike	Total Recoverable	Water	6020	448549
570-181639-B-10-F MSD	Matrix Spike Duplicate	Total Recoverable	Water	6020	448549

Analysis Batch: 449180

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-186788-3	MW3	Total Recoverable	Water	6010B	448550
MB 570-448550/1-A	Method Blank	Total Recoverable	Water	6010B	448550
LCS 570-448550/2-A	Lab Control Sample	Total Recoverable	Water	6010B	448550

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QC Association Summary

Client: Stantec Consulting Services Inc
Project/Site: ExxonMobil Gladiola Station/238000257

Job ID: 570-186788-1

Metals (Continued)

Analysis Batch: 449180 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCSD 570-448550/3-A	Lab Control Sample Dup	Total Recoverable	Water	6010B	448550
570-186812-F-4-A MS	Matrix Spike	Total/NA	Water	6010B	448550
570-186812-F-4-B MSD	Matrix Spike Duplicate	Total/NA	Water	6010B	448550

Analysis Batch: 449290

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-186788-3	MW3	Total/NA	Water	245.1	448677
MB 570-448677/1-A	Method Blank	Total/NA	Water	245.1	448677
LCS 570-448677/2-A	Lab Control Sample	Total/NA	Water	245.1	448677
LCSD 570-448677/3-A	Lab Control Sample Dup	Total/NA	Water	245.1	448677
570-187152-E-1-C MS	Matrix Spike	Total/NA	Water	245.1	448677
570-187152-E-1-D MSD	Matrix Spike Duplicate	Total/NA	Water	245.1	448677

General Chemistry

Analysis Batch: 448301

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-186788-4	MW27	Total/NA	Water	SM 2540C	
570-186788-5	MW28	Total/NA	Water	SM 2540C	
570-186788-6	MW6	Total/NA	Water	SM 2540C	
570-186788-7	MW29	Total/NA	Water	SM 2540C	
570-186788-8	MW11	Total/NA	Water	SM 2540C	
MB 570-448301/1	Method Blank	Total/NA	Water	SM 2540C	
LCS 570-448301/2	Lab Control Sample	Total/NA	Water	SM 2540C	
LCSD 570-448301/3	Lab Control Sample Dup	Total/NA	Water	SM 2540C	
570-187018-F-1 DU	Duplicate	Total/NA	Water	SM 2540C	

Analysis Batch: 448348

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-186788-1	MW17	Total/NA	Water	SM 2540C	
570-186788-2	MW22	Total/NA	Water	SM 2540C	
570-186788-3	MW3	Total/NA	Water	SM 2540C	
MB 570-448348/1	Method Blank	Total/NA	Water	SM 2540C	
LCS 570-448348/2	Lab Control Sample	Total/NA	Water	SM 2540C	
LCSD 570-448348/3	Lab Control Sample Dup	Total/NA	Water	SM 2540C	
570-186802-K-19 DU	Duplicate	Total/NA	Water	SM 2540C	

Analysis Batch: 449070

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-186788-1	MW17	Total/NA	Water	SM 4500 Cl- C	
570-186788-2	MW22	Total/NA	Water	SM 4500 Cl- C	
570-186788-3	MW3	Total/NA	Water	SM 4500 Cl- C	
570-186788-4	MW27	Total/NA	Water	SM 4500 Cl- C	
570-186788-5	MW28	Total/NA	Water	SM 4500 Cl- C	
570-186788-6	MW6	Total/NA	Water	SM 4500 Cl- C	
570-186788-7	MW29	Total/NA	Water	SM 4500 Cl- C	
570-186788-8	MW11	Total/NA	Water	SM 4500 Cl- C	
MB 570-449070/1	Method Blank	Total/NA	Water	SM 4500 Cl- C	
LCS 570-449070/2	Lab Control Sample	Total/NA	Water	SM 4500 Cl- C	
LCSD 570-449070/3	Lab Control Sample Dup	Total/NA	Water	SM 4500 Cl- C	
570-186788-1 MS	MW17	Total/NA	Water	SM 4500 Cl- C	

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QC Association Summary

Client: Stantec Consulting Services Inc

Project/Site: ExxonMobil Gladiola Station/238000257

Job ID: 570-186788-1

General Chemistry (Continued)

Analysis Batch: 449070 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-186788-1 MSD	MW17	Total/NA	Water	SM 4500 Cl- C	
570-186788-1 DU	MW17	Total/NA	Water	SM 4500 Cl- C	

Analysis Batch: 449292

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-186788-1	MW17	Total/NA	Water	SM 2320B	
570-186788-2	MW22	Total/NA	Water	SM 2320B	
570-186788-3	MW3	Total/NA	Water	SM 2320B	
570-186788-4	MW27	Total/NA	Water	SM 2320B	
570-186788-5	MW28	Total/NA	Water	SM 2320B	
570-186788-6	MW6	Total/NA	Water	SM 2320B	
570-186788-7	MW29	Total/NA	Water	SM 2320B	
570-186788-8	MW11	Total/NA	Water	SM 2320B	
MB 570-449292/74	Method Blank	Total/NA	Water	SM 2320B	
LCS 570-449292/72	Lab Control Sample	Total/NA	Water	SM 2320B	
LCSD 570-449292/73	Lab Control Sample Dup	Total/NA	Water	SM 2320B	
570-186788-1 DU	MW17	Total/NA	Water	SM 2320B	

Lab Chronicle

Client: Stantec Consulting Services Inc
Project/Site: ExxonMobil Gladiola Station/238000257

Job ID: 570-186788-1

Client Sample ID: MW17

Lab Sample ID: 570-186788-1

Date Collected: 06/04/24 11:55

Matrix: Water

Date Received: 06/05/24 09:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		10	20 mL	20 mL	449193	06/10/24 16:37	VYF4	EET CAL 4
		Instrument ID: GCMSUU								
Total/NA	Prep	3510C			1011.9 mL	2 mL	448515	06/07/24 05:17	H1SH	EET CAL 4
Total/NA	Analysis	8270C SIM		1	1 mL	1 mL	451028	06/14/24 14:48	J7WE	EET CAL 4
		Instrument ID: GCMSAAA								
Total/NA	Analysis	9056A		1	4 mL	4 mL	447658	06/05/24 19:49	UIP1	EET CAL 4
		Instrument ID: IC10								
Total/NA	Prep	245.1			25 mL	50 mL	448112	06/06/24 07:08	VCN7	EET CAL 4
Total/NA	Analysis	245.1		1			448297	06/06/24 11:04	ECX6	EET CAL 4
		Instrument ID: HG9								
Total Recoverable	Prep	3005A			50 mL	50 mL	448092	06/06/24 06:28	JP8N	EET CAL 4
Total Recoverable	Analysis	6010B		1			448320	06/06/24 14:02	K1UV	EET CAL 4
		Instrument ID: ICP11								
Total Recoverable	Prep	3005A			50 mL	50 mL	448111	06/06/24 06:57	JP8N	EET CAL 4
Total Recoverable	Analysis	6020		5			448635	06/07/24 09:20	C0YH	EET CAL 4
		Instrument ID: ICPMS10								
Total/NA	Analysis	SM 2320B		1	10 mL	10 mL	449292	06/07/24 20:25	ZL4M	EET CAL 4
		Instrument ID: ManSciMantech								
Total/NA	Analysis	SM 2540C		1	100 mL	1000 mL	448348	06/06/24 15:45	PK4M	EET CAL 4
		Instrument ID: BAL100								
Total/NA	Analysis	SM 4500 CI- C		1	50 mL	50 mL	449070	06/08/24 16:41	ZVB7	EET CAL 4
		Instrument ID: NOEQUIP								

Client Sample ID: MW22

Lab Sample ID: 570-186788-2

Date Collected: 06/04/24 08:45

Matrix: Water

Date Received: 06/05/24 09:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	20 mL	20 mL	449193	06/10/24 17:02	VYF4	EET CAL 4
		Instrument ID: GCMSUU								
Total/NA	Prep	3510C			1021.1 mL	2 mL	448515	06/07/24 05:17	H1SH	EET CAL 4
Total/NA	Analysis	8270C SIM		1	1 mL	1 mL	451028	06/14/24 15:09	J7WE	EET CAL 4
		Instrument ID: GCMSAAA								
Total/NA	Analysis	9056A		1	4 mL	4 mL	447658	06/05/24 20:06	UIP1	EET CAL 4
		Instrument ID: IC10								
Total/NA	Analysis	9056A	DL	10	4 mL	4 mL	447658	06/05/24 22:54	UIP1	EET CAL 4
		Instrument ID: IC10								
Total/NA	Prep	245.1			25 mL	50 mL	448112	06/06/24 07:08	VCN7	EET CAL 4
Total/NA	Analysis	245.1		1			448297	06/06/24 11:09	ECX6	EET CAL 4
		Instrument ID: HG9								
Total Recoverable	Prep	3005A			50 mL	50 mL	448092	06/06/24 06:28	JP8N	EET CAL 4
Total Recoverable	Analysis	6010B		1			448320	06/06/24 14:04	K1UV	EET CAL 4
		Instrument ID: ICP11								

Eurofins Calscience

Lab Chronicle

Client: Stantec Consulting Services Inc
Project/Site: ExxonMobil Gladiola Station/238000257

Job ID: 570-186788-1

Client Sample ID: MW22

Lab Sample ID: 570-186788-2

Date Collected: 06/04/24 08:45

Matrix: Water

Date Received: 06/05/24 09:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			50 mL	50 mL	448111	06/06/24 06:57	JP8N	EET CAL 4
Total Recoverable	Analysis	6020		5			448635	06/07/24 09:22	C0YH	EET CAL 4
		Instrument ID: ICPMS10								
Total/NA	Analysis	SM 2320B		1	10 mL	10 mL	449292	06/07/24 20:39	ZL4M	EET CAL 4
		Instrument ID: ManSciMantech								
Total/NA	Analysis	SM 2540C		1	100 mL	1000 mL	448348	06/06/24 15:45	PK4M	EET CAL 4
		Instrument ID: BAL100								
Total/NA	Analysis	SM 4500 CI- C		1	50 mL	50 mL	449070	06/08/24 16:53	ZVB7	EET CAL 4
		Instrument ID: NOEQUIP								

Client Sample ID: MW3

Lab Sample ID: 570-186788-3

Date Collected: 06/04/24 13:00

Matrix: Water

Date Received: 06/05/24 09:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		10	20 mL	20 mL	449193	06/10/24 17:27	VYF4	EET CAL 4
		Instrument ID: GCMSUU								
Total/NA	Prep	3510C			949.4 mL	2 mL	448515	06/07/24 05:17	H1SH	EET CAL 4
Total/NA	Analysis	8270C SIM		1	1 mL	1 mL	451028	06/14/24 15:30	J7WE	EET CAL 4
		Instrument ID: GCMSAAA								
Total/NA	Analysis	9056A		1	4 mL	4 mL	447658	06/05/24 20:22	UIP1	EET CAL 4
		Instrument ID: IC10								
Total/NA	Prep	245.1			25 mL	50 mL	448677	06/07/24 11:51	VCN7	EET CAL 4
Total/NA	Analysis	245.1		1			449290	06/07/24 20:44	ECX6	EET CAL 4
		Instrument ID: HG9								
Total Recoverable	Prep	3005A			50 mL	50 mL	448550	06/07/24 07:34	JP8N	EET CAL 4
Total Recoverable	Analysis	6010B		1			449180	06/07/24 19:50	K1UV	EET CAL 4
		Instrument ID: ICP10								
Total Recoverable	Prep	3005A			50 mL	50 mL	448549	06/07/24 07:02	JP8N	EET CAL 4
Total Recoverable	Analysis	6020		1			448747	06/07/24 12:37	C0YH	EET CAL 4
		Instrument ID: ICPMS10								
Total Recoverable	Prep	3005A			50 mL	50 mL	448549	06/07/24 07:02	JP8N	EET CAL 4
Total Recoverable	Analysis	6020		5			448747	06/07/24 13:18	C0YH	EET CAL 4
		Instrument ID: ICPMS10								
Total/NA	Analysis	SM 2320B		1	10 mL	10 mL	449292	06/07/24 20:47	ZL4M	EET CAL 4
		Instrument ID: ManSciMantech								
Total/NA	Analysis	SM 2540C		1	100 mL	1000 mL	448348	06/06/24 15:45	PK4M	EET CAL 4
		Instrument ID: BAL100								
Total/NA	Analysis	SM 4500 CI- C		1	50 mL	50 mL	449070	06/08/24 16:57	ZVB7	EET CAL 4
		Instrument ID: NOEQUIP								

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Lab Chronicle

Client: Stantec Consulting Services Inc
Project/Site: ExxonMobil Gladiola Station/238000257

Job ID: 570-186788-1

Client Sample ID: MW27

Lab Sample ID: 570-186788-4

Date Collected: 06/04/24 11:15

Matrix: Water

Date Received: 06/05/24 09:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	20 mL	20 mL	449193	06/10/24 17:52	VYF4	EET CAL 4
	Instrument ID: GCMSUU									
Total/NA	Prep	3510C			1000.2 mL	2 mL	448515	06/07/24 05:17	H1SH	EET CAL 4
Total/NA	Analysis	8270C SIM		1	1 mL	1 mL	451028	06/14/24 15:52	J7WE	EET CAL 4
	Instrument ID: GCMSAAA									
Total/NA	Analysis	9056A		1	4 mL	4 mL	447658	06/05/24 20:39	UIP1	EET CAL 4
	Instrument ID: IC10									
Total/NA	Analysis	9056A	DL	10	4 mL	4 mL	447658	06/05/24 23:28	UIP1	EET CAL 4
	Instrument ID: IC10									
Total/NA	Prep	245.1			25 mL	50 mL	448112	06/06/24 07:08	VCN7	EET CAL 4
Total/NA	Analysis	245.1		1			448297	06/06/24 11:15	ECX6	EET CAL 4
	Instrument ID: HG9									
Total Recoverable	Prep	3005A			50 mL	50 mL	448092	06/06/24 06:28	JP8N	EET CAL 4
Total Recoverable	Analysis	6010B		1			448320	06/06/24 14:06	K1UV	EET CAL 4
	Instrument ID: ICP11									
Total Recoverable	Prep	3005A			50 mL	50 mL	448111	06/06/24 06:57	JP8N	EET CAL 4
Total Recoverable	Analysis	6020		5			448635	06/07/24 09:24	C0YH	EET CAL 4
	Instrument ID: ICPMS10									
Total/NA	Analysis	SM 2320B		1	10 mL	10 mL	449292	06/07/24 20:54	ZL4M	EET CAL 4
	Instrument ID: ManSciMantech									
Total/NA	Analysis	SM 2540C		1	100 mL	1000 mL	448301	06/06/24 14:00	PK4M	EET CAL 4
	Instrument ID: BAL100									
Total/NA	Analysis	SM 4500 CI- C		1	10 mL	50 mL	449070	06/08/24 17:01	ZVB7	EET CAL 4
	Instrument ID: NOEQUIP									

Client Sample ID: MW28

Lab Sample ID: 570-186788-5

Date Collected: 06/04/24 10:25

Matrix: Water

Date Received: 06/05/24 09:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	20 mL	20 mL	449193	06/10/24 18:17	VYF4	EET CAL 4
	Instrument ID: GCMSUU									
Total/NA	Prep	3510C			1032.2 mL	2 mL	448515	06/07/24 05:17	H1SH	EET CAL 4
Total/NA	Analysis	8270C SIM		1	1 mL	1 mL	451028	06/14/24 16:13	J7WE	EET CAL 4
	Instrument ID: GCMSAAA									
Total/NA	Analysis	9056A		1	4 mL	4 mL	447658	06/05/24 20:56	UIP1	EET CAL 4
	Instrument ID: IC10									
Total/NA	Analysis	9056A	DL	10	4 mL	4 mL	447658	06/05/24 23:45	UIP1	EET CAL 4
	Instrument ID: IC10									
Total/NA	Prep	245.1			25 mL	50 mL	448112	06/06/24 07:08	VCN7	EET CAL 4
Total/NA	Analysis	245.1		1			448297	06/06/24 11:17	ECX6	EET CAL 4
	Instrument ID: HG9									
Total Recoverable	Prep	3005A			50 mL	50 mL	448092	06/06/24 06:28	JP8N	EET CAL 4
Total Recoverable	Analysis	6010B		1			448327	06/06/24 14:34	P1R	EET CAL 4
	Instrument ID: ICP11									

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Lab Chronicle

Client: Stantec Consulting Services Inc
Project/Site: ExxonMobil Gladiola Station/238000257

Job ID: 570-186788-1

Client Sample ID: MW28

Lab Sample ID: 570-186788-5

Date Collected: 06/04/24 10:25

Matrix: Water

Date Received: 06/05/24 09:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			50 mL	50 mL	448111	06/06/24 06:57	JP8N	EET CAL 4
Total Recoverable	Analysis	6020		5			448635	06/07/24 09:26	C0YH	EET CAL 4
		Instrument ID: ICPMS10								
Total/NA	Analysis	SM 2320B		1	10 mL	10 mL	449292	06/07/24 21:01	ZL4M	EET CAL 4
		Instrument ID: ManSciMantech								
Total/NA	Analysis	SM 2540C		1	100 mL	1000 mL	448301	06/06/24 14:00	PK4M	EET CAL 4
		Instrument ID: BAL100								
Total/NA	Analysis	SM 4500 CI- C		1	10 mL	50 mL	449070	06/08/24 17:04	ZVB7	EET CAL 4
		Instrument ID: NOEQUIP								

Client Sample ID: MW6

Lab Sample ID: 570-186788-6

Date Collected: 06/04/24 12:20

Matrix: Water

Date Received: 06/05/24 09:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3510C			1037.7 mL	2 mL	448515	06/07/24 05:17	H1SH	EET CAL 4
Total/NA	Analysis	8270C SIM		1	1 mL	1 mL	449885	06/11/24 21:04	ULLI	EET CAL 4
		Instrument ID: GCMSAAA								
Total/NA	Prep	245.1			25 mL	50 mL	448112	06/06/24 07:08	VCN7	EET CAL 4
Total/NA	Analysis	245.1		1			448297	06/06/24 11:19	ECX6	EET CAL 4
		Instrument ID: HG9								
Total Recoverable	Prep	3005A			50 mL	50 mL	448092	06/06/24 06:28	JP8N	EET CAL 4
Total Recoverable	Analysis	6010B		1			448327	06/06/24 14:37	P1R	EET CAL 4
		Instrument ID: ICP11								
Total/NA	Analysis	SM 2320B		1	10 mL	10 mL	449292	06/07/24 21:07	ZL4M	EET CAL 4
		Instrument ID: ManSciMantech								
Total/NA	Analysis	SM 2540C		1	100 mL	1000 mL	448301	06/06/24 14:00	PK4M	EET CAL 4
		Instrument ID: BAL100								
Total/NA	Analysis	SM 4500 CI- C		1	50 mL	50 mL	449070	06/08/24 17:09	ZVB7	EET CAL 4
		Instrument ID: NOEQUIP								

Client Sample ID: MW29

Lab Sample ID: 570-186788-7

Date Collected: 06/04/24 09:35

Matrix: Water

Date Received: 06/05/24 09:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	20 mL	20 mL	449193	06/10/24 18:42	VYF4	EET CAL 4
		Instrument ID: GCMSUU								
Total/NA	Prep	3510C			1034.2 mL	2 mL	448515	06/07/24 05:17	H1SH	EET CAL 4
Total/NA	Analysis	8270C SIM		1	1 mL	1 mL	451028	06/14/24 16:34	J7WE	EET CAL 4
		Instrument ID: GCMSAAA								
Total/NA	Analysis	9056A		1	4 mL	4 mL	447658	06/05/24 21:13	UIP1	EET CAL 4
		Instrument ID: IC10								
Total/NA	Analysis	9056A	DL	10	4 mL	4 mL	447658	06/06/24 00:02	UIP1	EET CAL 4
		Instrument ID: IC10								

Eurofins Calscience

Lab Chronicle

Client: Stantec Consulting Services Inc
Project/Site: ExxonMobil Gladiola Station/238000257

Job ID: 570-186788-1

Client Sample ID: MW29

Lab Sample ID: 570-186788-7

Date Collected: 06/04/24 09:35

Matrix: Water

Date Received: 06/05/24 09:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	245.1			25 mL	50 mL	448112	06/06/24 07:08	VCN7	EET CAL 4
Total/NA	Analysis	245.1		1			448297	06/06/24 11:21	ECX6	EET CAL 4
Instrument ID: HG9										
Total Recoverable	Prep	3005A			50 mL	50 mL	448092	06/06/24 06:28	JP8N	EET CAL 4
Total Recoverable	Analysis	6010B		1			448327	06/06/24 14:39	P1R	EET CAL 4
Instrument ID: ICP11										
Total Recoverable	Prep	3005A			50 mL	50 mL	448111	06/06/24 06:57	JP8N	EET CAL 4
Total Recoverable	Analysis	6020		5			448635	06/07/24 09:28	C0YH	EET CAL 4
Instrument ID: ICPMS10										
Total/NA	Analysis	SM 2320B		1	10 mL	10 mL	449292	06/07/24 21:13	ZL4M	EET CAL 4
Instrument ID: ManSciMantech										
Total/NA	Analysis	SM 2540C		1	100 mL	1000 mL	448301	06/06/24 14:00	PK4M	EET CAL 4
Instrument ID: BAL100										
Total/NA	Analysis	SM 4500 CI- C		1	10 mL	50 mL	449070	06/08/24 17:13	ZVB7	EET CAL 4
Instrument ID: NOEQUIP										

Client Sample ID: MW11

Lab Sample ID: 570-186788-8

Date Collected: 06/04/24 08:15

Matrix: Water

Date Received: 06/05/24 09:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		4	20 mL	20 mL	449193	06/10/24 19:07	VYF4	EET CAL 4
Instrument ID: GCMSUU										
Total/NA	Prep	3510C			1015.8 mL	2 mL	448515	06/07/24 05:17	H1SH	EET CAL 4
Total/NA	Analysis	8270C SIM		1	1 mL	1 mL	451028	06/14/24 16:56	J7WE	EET CAL 4
Instrument ID: GCMSAAA										
Total/NA	Analysis	9056A		1	4 mL	4 mL	447658	06/05/24 21:30	UIP1	EET CAL 4
Instrument ID: IC10										
Total/NA	Analysis	9056A	DL	10	4 mL	4 mL	447658	06/05/24 21:47	UIP1	EET CAL 4
Instrument ID: IC10										
Total/NA	Prep	245.1			25 mL	50 mL	448112	06/06/24 07:08	VCN7	EET CAL 4
Total/NA	Analysis	245.1		1			448297	06/06/24 11:23	ECX6	EET CAL 4
Instrument ID: HG9										
Total Recoverable	Prep	3005A			50 mL	50 mL	448092	06/06/24 06:28	JP8N	EET CAL 4
Total Recoverable	Analysis	6010B		1			448327	06/06/24 14:41	P1R	EET CAL 4
Instrument ID: ICP11										
Total Recoverable	Prep	3005A			50 mL	50 mL	448111	06/06/24 06:57	JP8N	EET CAL 4
Total Recoverable	Analysis	6020		5			448635	06/07/24 09:30	C0YH	EET CAL 4
Instrument ID: ICPMS10										
Total/NA	Analysis	SM 2320B		1	10 mL	10 mL	449292	06/07/24 21:20	ZL4M	EET CAL 4
Instrument ID: ManSciMantech										
Total/NA	Analysis	SM 2540C		1	100 mL	1000 mL	448301	06/06/24 14:00	PK4M	EET CAL 4
Instrument ID: BAL100										
Total/NA	Analysis	SM 4500 CI- C		1	10 mL	50 mL	449070	06/08/24 17:15	ZVB7	EET CAL 4
Instrument ID: NOEQUIP										

Eurofins Calscience

Lab Chronicle

Client: Stantec Consulting Services Inc
Project/Site: ExxonMobil Gladiola Station/238000257

Job ID: 570-186788-1

Client Sample ID: Trip Blank
Date Collected: 06/04/24 14:00
Date Received: 06/05/24 09:30

Lab Sample ID: 570-186788-9
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	20 mL	20 mL	449193	06/10/24 15:47	VYF4	EET CAL 4
Instrument ID: GCMSUU										

Client Sample ID: Trip Blank
Date Collected: 06/04/24 14:10
Date Received: 06/05/24 09:30

Lab Sample ID: 570-186788-10
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	20 mL	20 mL	449193	06/10/24 16:12	VYF4	EET CAL 4
Instrument ID: GCMSUU										

Laboratory References:
EET CAL 4 = Eurofins Calscience Tustin, 2841 Dow Avenue, Tustin, CA 92780, TEL (714)895-5494

Accreditation/Certification Summary

Client: Stantec Consulting Services Inc
Project/Site: ExxonMobil Gladiola Station/238000257

Job ID: 570-186788-1

Laboratory: Eurofins Calscience

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

Authority	Program	Identification Number	Expiration Date
Oregon	NELAP	4175	02-02-25
The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.			
Analysis Method	Prep Method	Matrix	Analyte
SM 2320B		Water	Bicarbonate (as CaCO3)
SM 4500 Cl- C		Water	Chloride

Method Summary

Client: Stantec Consulting Services Inc
Project/Site: ExxonMobil Gladiola Station/238000257

Job ID: 570-186788-1

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	EET CAL 4
8270C SIM	PAHs (GC/MS SIM)	SW846	EET CAL 4
9056A	Anions, Ion Chromatography	SW846	EET CAL 4
245.1	Mercury (CVAA)	EPA	EET CAL 4
6010B	Metals (ICP)	SW846	EET CAL 4
6020	Metals (ICP/MS)	SW846	EET CAL 4
SM 2320B	Alkalinity	SM	EET CAL 4
SM 2540C	Solids, Total Dissolved (TDS)	SM	EET CAL 4
SM 4500 Cl- C	Chloride, Total	SM	EET CAL 4
245.1	Preparation, Mercury	EPA	EET CAL 4
3005A	Preparation, Total Recoverable or Dissolved Metals	SW846	EET CAL 4
3510C	Liquid-Liquid Extraction (Separatory Funnel)	SW846	EET CAL 4
5030C	Purge and Trap	SW846	EET CAL 4

Protocol References:
EPA = US Environmental Protection Agency
SM = "Standard Methods For The Examination Of Water And Wastewater"
SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:
EET CAL 4 = Eurofins Calscience Tustin, 2841 Dow Avenue, Tustin, CA 92780, TEL (714)895-5494



2841 DOW AVE SUIT 100

CALISTO, CA 92780

TEL: (714) 895-5494 FAX: (714) 894-7501

Site Name

Provide MRN for retail or AFE for major projects

Retail Project (MRN)

Major Project (AFE)

Project Name

ExxonMobil Gladiola Station / 238000257

CHAIN OF CUSTODY RECORD

DATE:

PAGE: 1 OF 1

ExxonMobil Engr:

Chris Bear

LABORATORY CLIENT: Stantec ADDRESS: 4572 Telephone Road #916 CITY: Ventura, CA 93003 TEL: 805 701 1420 FAX: 805-457-8956 James.Anderson@Stantec.com						GLOBAL ID # COELT LOG CODE: PROJECT CONTACT: James Anderson SAMPLER(S):						EMES Sub Agreement #A2604415 LAB USE ONLY ☐ ☐ - ☐ ☐ ☐ ☐ COOLER RECEIPT Temp = _____ °C								
TURNAROUND TIME ☐ SAME DAY ☐ 24 HR ☐ 48 HR ☐ 72 HR ☐ 5 DAYS ☒ 10 DAYS SPECIAL REQUIREMENTS (ADDITIONAL COSTS MAY APPLY) ☐ RWQCB REPORTING ☐ ARCHIVE SAMPLES UNTIL ____/____/____ SPECIAL INSTRUCTIONS: New Mexico Site Report J values.						REQUESTED ANALYSIS  570-186788 Chain of Custody														
LAB USE ONLY	SAMPLE ID	Field Point Name	SAMPLING		MAT- RIX	NO. OF CONT.	EPA 8260B LL VOCs only	EPA 8270C SIM PAHs	EPA 8010B As, Ba, Cd, Cr, Pb, Se and Ag + EPA 245.1 Hg	SM 2320B Bicarbonate/Alkalinity and SM 4600-CJ C Chloride	SM 2540C Total Dissolved Solids	Calcium, magnesium, potassium and sodium 6020A	Bromide & Sulfate 9056A							CONTAINER TYPE
			DATE	TIME																
1	MW-17	--	6-4-24	1155	W	8	X	X	X	X	X	X	X							3 vials with HCL, 1L Amber Glass, 250mL Plastic with HNO3, 2-250mL Plastic
2	MW-22	--		0845	W	8	X	X	X	X	X	X	X							3 vials with HCL, 1L Amber Glass, 250mL Plastic with HNO3, 2-250mL Plastic
3	MW-3	--		1300	W	8	X	X	X	X	X	X	X							3 vials with HCL, 1L Amber Glass, 250mL Plastic with HNO3, 2-250mL Plastic
4	MW-27	--		1115	W	8	X	X	X	X	X	X	X							3 vials with HCL, 1L Amber Glass, 250mL Plastic with HNO3, 2-250mL Plastic
5	MW-28	--		1025	W	8	X	X	X	X	X	X	X							3 vials with HCL, 1L Amber Glass, 250mL Plastic with HNO3, 2-250mL Plastic
6	MW-6	--		1220	W	8	X	X	X	X	X									3 vials with HCL, 1L Amber Glass, 250mL Plastic with HNO3, 2-250mL Plastic
7	MW-29	--		0935	W	8	X	X	X	X	X	X	X							3 vials with HCL, 1L Amber Glass, 250mL Plastic with HNO3, 2-250mL Plastic
8	MW-30	--			W	8	X	X	X	X	X	X	X							3 vials with HCL, 1L Amber Glass, 250mL Plastic with HNO3, 2-250mL Plastic
9	MW-10	--			W	8	X	X	X	X	X									3 vials with HCL, 2-1L Amber Glass, 250mL Plastic with HNO3, 2-250mL Plastic
10	MW-11	--	6-4-24	0915	W	8	X	X	X	X	X	X	X							3 vials with HCL, 1L Amber Glass, 250mL Plastic with HNO3, 2-250mL Plastic
11	Trip Blank	--		1400	W	2	X													
12	Trip Blank	--		1410	W	2	X													
Relinquished by: (Signature)						Received by: (Signature)						Date, & Time:								
Relinquished by: (Signature)						Received by: (Signature)						Date, & Time:								
Relinquished by: (Signature)						Received by: (Signature)						Date, & Time:								

FGFS

1.0/1.1

1.8/1.9 SC14

Login Sample Receipt Checklist

Client: Stantec Consulting Services Inc

Job Number: 570-186788-1

Login Number: 186788

List Source: Eurofins Calscience

List Number: 1

Creator: Gutierrez, Rebecca

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	False	Refer to Job Narrative for details.
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

APPENDIX C

Recycling Documentation

Please print or type.

Form Approved OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number D0035	2. Page 1 of 1	3. Emergency Response Phone 800-322-5085	4. Manifest Tracking Number 026990533 JUK	
		5. Generator's Name and Mailing Address ExxonMobil Pipeline Company c/o Stantec 4572 Telephone Rd #916 Ventura, CA 93003		Generator's Site Address (if different than mailing address) Gladiola- Copeland Rd & Hwy 39 Tatum, NM 88267		
Generator's Phone: ATTN: James Anderson 805-644-4157		6. Transporter 1 Company Name Alamo 1			U.S. EPA ID Number TXR000085052	
7. Transporter 2 Company Name					U.S. EPA ID Number	
8. Designated Facility Name and Site Address Abilene Environmental Landfill 1984 FM 3034 Abilene, TX 79601					U.S. EPA ID Number TXR000084585	
Facility's Phone: 325-437-3093						
9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers		11. Total Quantity	12. Unit WL/Vol.	13. Waste Codes
		No.	Type			
1.	Class 1 IDW Water	1	DM	50	G	OUTS3191
2.						
3.						
4.						
14. Special Handling Instructions and Additional Information Profile# 26223494 (Class 1 IDW Water) Alamo 1 Job # AR24-00707						
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.						
Generator's/Officer's Printed/Typed Name Mark Lachon		Signature <i>Mark Lachon</i>			Month Day Year 12 21 24	
16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____						
17. Transporter Acknowledgment of Receipt of Materials						
Transporter 1 Printed/Typed Name Darrin Wilkerson		Signature <i>Darrin Wilkerson</i>			Month Day Year 12 21 24	
Transporter 2 Printed/Typed Name		Signature			Month Day Year	
18. Discrepancy						
18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection						
18b. Alternate Facility (or Generator) Manifest Reference Number: _____ U.S. EPA ID Number _____						
Facility's Phone: _____						
18c. Signature of Alternate Facility (or Generator) _____ Month Day Year _____						
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)						
1.	H132	2.		3.		4.
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a						
Printed/Typed Name M Martinez		Signature <i>M Martinez</i>			Month Day Year 12 21 24	

EPA Form 8700-22 (Rev. 12-17) Previous editions are obsolete.

DESIGNATED FACILITY TO EPA's e-MANIFEST SYSTEM

Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

Online Phone Directory
<https://www.emnrd.nm.gov/oed/contact-us>

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

CONDITIONS

Action 434874

CONDITIONS

Operator: EXXON MOBIL CORPORATION 22777 Springwoods Village Park Spring, TX 77389	OGRID: 7673
	Action Number: 434874
	Action Type: [UF-GWA] Ground Water Abatement (GROUND WATER ABATEMENT)

CONDITIONS

Created By	Condition	Condition Date
jburdine	First Half 2024 Groundwater Monitoring Status Report Former Gladiola Station accepted for record. 1. Continue periodic groundwater monitoring. 2. Submit a site investigation report summarizing the installation of wells MW-33 through MW-39, as well as a background study evaluating if metals, chloride and/or TDS in groundwater are COCs or consistent with naturally occurring conditions once this is completed through OCD permitting under the UF-GWA form as a standalone report. 3. Continue evaluating potential source(s) of the LNAPL and remedial strategies. 4. Continue submitting semi-annual groundwater monitoring reports as approved in Abatement plan.	6/23/2025