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July 1, 2025

Project 238000257.2H24

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

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

Dear Mr. Smith,

At the request of ExxonMobil Environmental and Property Solutions, on behalf of ExxonMobil Pipeline Company LLC, Stantec Consulting Services Inc. (Stantec) is submitting the *Second 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 Consulting Services Inc.

James Anderson

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

Stantec

Second Half 2024 Groundwater Monitoring and Status Report

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

July 1, 2025

Prepared for:
ExxonMobil Environmental and Property Solutions Company

Prepared by:
Stantec Consulting Services Inc.

Project Number:
238000257.2H24

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James Anderson
Signature

James Anderson, Senior Program Manager
Printed Name

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Acronyms / Abbreviations

º	Degrees
B&H	B & H Environmental Services
bgs	Below ground surface
BNC	BNC Environmental Services, Inc.
Centurion	Centurion Pipeline L.P.
CRA	Conestoga-Rovers & Associates
DTW	Depth to water
EPA	Environmental Protection Agency
ExxonMobil	ExxonMobil Pipeline Company LLC
GES	Groundwater & Environmental Services, Inc.
Kleinfelder	Kleinfelder West, Inc.
mg/kg	Milligrams per kilogram
mg/L	Milligrams per liter
NAPL	Non-aqueous phase liquid
NMAC	New Mexico Administrative Code
NMOCD	New Mexico Oil Conservation Division
NMWQCC	New Mexico Water Quality Control Commission
PAH	Polyaromatic Hydrocarbon
RCRA	Resource Conservation and Recovery Act
RRAL	Recommended remediation action level
Stantec	Stantec Consulting Services Inc.
TDS	Total dissolved solids
VOCs	Volatile organic compounds

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1 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 Site Description

Former Gladiola Station is located in northeastern Lea County, New Mexico (Plate 1). The site is located at latitude 33.300745 degrees (º) and longitude -103.111117º 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 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 below ground surface (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

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

4 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 milligrams per liter (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 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 and 0.75 mile southeast of the site	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

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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 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	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 benzene, toluene, ethylbenzene, and total xylenes (BTEX)	50
Total petroleum hydrocarbons	100

mg/kg = Milligrams per kilogram.

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

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Constituent of Concern	Concentration (mg/L)
Silver	0.05
Chloride	250
Sulfate	600
TDS	1,00

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 analytical suite during closure sampling.

5 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 non-aqueous phase liquid (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).

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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 though MW-32 (Cardno, 2018).

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-9. 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 gallon per minute 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 NAPL 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).

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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 Field Activities

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

6.1 Monitoring Well Gauging and Purging

From December 17 through 19, 2024, the site's monitoring wells were gauged as part of the second 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 top of casing.

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, dissolved oxygen, oxidation reduction potential, and turbidity 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

From December 17 through 19, 2024, groundwater samples were collected from all wells without NAPL. Wells MW-7 and MW-10 were dry.

The wells were sampled using low-flow sampling techniques in general accordance with the Environmental Protection Agency (EPA) guidelines described in the EPA document titled "Standard

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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 chain-of-custody protocol.

The samples collected were analyzed for all of the site's constituents of concern (volatile organic compounds [VOCs], polyaromatic hydrocarbons [PAHs], Resource Conservation and Recovery Act [RCRA] 8 metals, and chloride,. Analytical methods are detailed in the laboratory analytical reports in Appendix B.

6.3 NAPL Bailing

On December 16, 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 Department of Transportation-approved, sealed 55-gallon drums. Recycling documentation is included in Appendix C.

7 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-2 and MW-23) to 2.75 feet (MW-24).

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

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7.2 Groundwater Levels and Flow Direction

Measured groundwater levels in the wells during December 2024 event ranged from 37.05 feet below top of casing (well MW-3) to 42.74 feet below top of casing (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 and chromium (stable trend)
- **MW-17:** Benzene and total naphthalene (declining trend), and barium and TDS (stable trend)
- **MW-27:** Chloride and TDS (stable trend)
- **MW-28:** TDS (stable trend)
- **MW-33:** Chloride and TDS (new well, no trend)
- **MW-35:** Chromium (new well, no trend)
- **MW-36:** Chromium, chloride, and TDS (new well, no trend)
- **MW-38:** Chloride and TDS (new well, no trend)

Dissolved-phase concentrations in the wells were consistent with historical results. The detection limit for arsenic was above the NMWQCC Human Health Standard of 0.01 mg/L in wells MW-11, MW17, MW-22, and MW-27 through MW-39. The detection limit for chromium was above the NMWQCC Human Health Standard of 0.015 mg/L in wells MW-11, MW17, MW-22, and MW-27 through MW-32.

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

8 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 constituents of concern or consistent with naturally occurring conditions.
- Continue evaluating potential source(s) of the NAPL and remedial strategies.
- Continue submitting semi-annual groundwater monitoring reports.

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9 Activities Planned for First Half of 2025

During the first half of 2025, Stantec plans to conduct the first half 2025 groundwater event and submit this semi-annual groundwater report and the site investigation report.

10 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.*

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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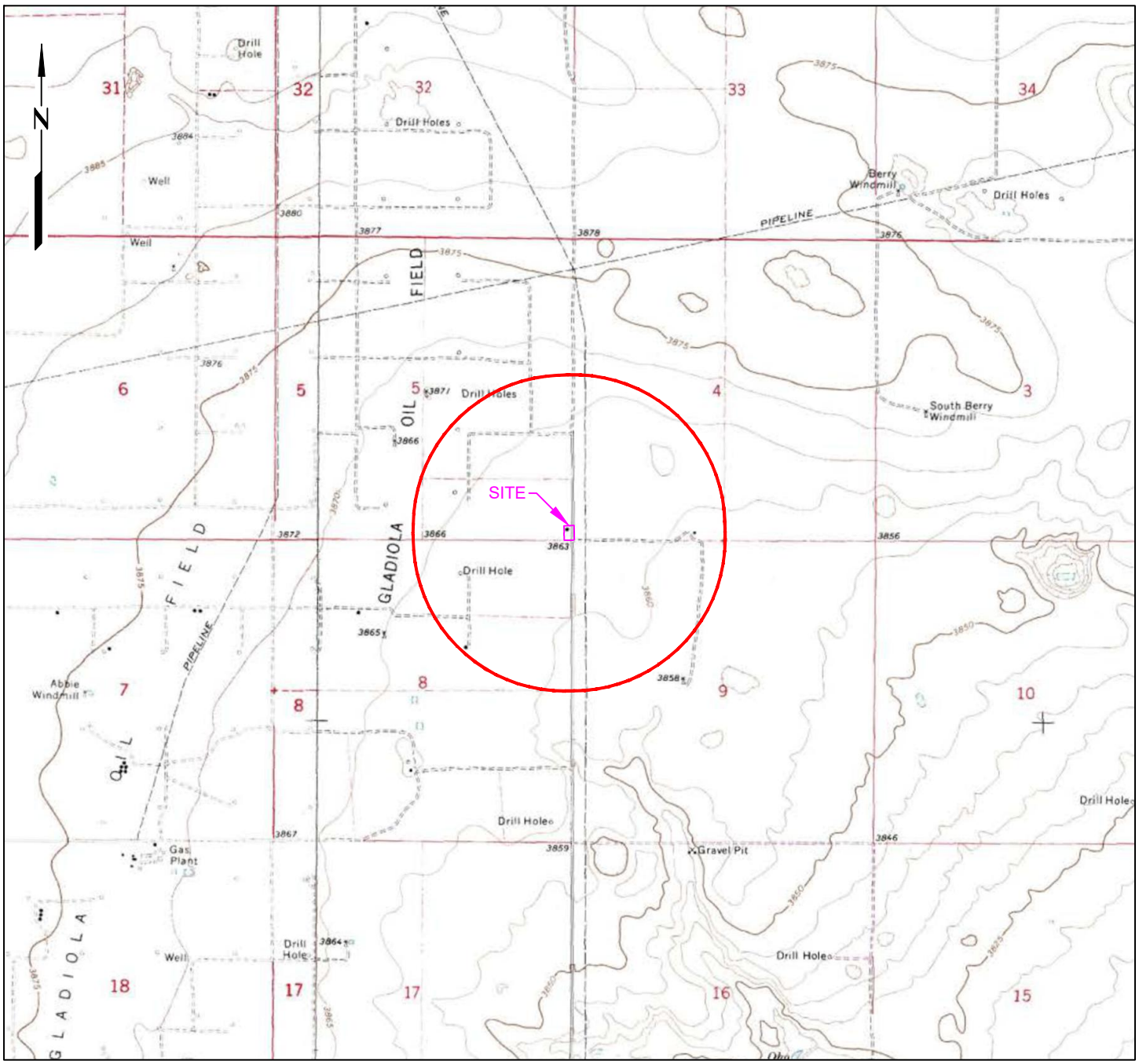


FN 203722919.TOPO05

EXPLANATION

1/2-mile distance from property border

APPROXIMATE SCALE

0 0.5 1 MILES

SOURCE: Modified from a map provided by MapPass

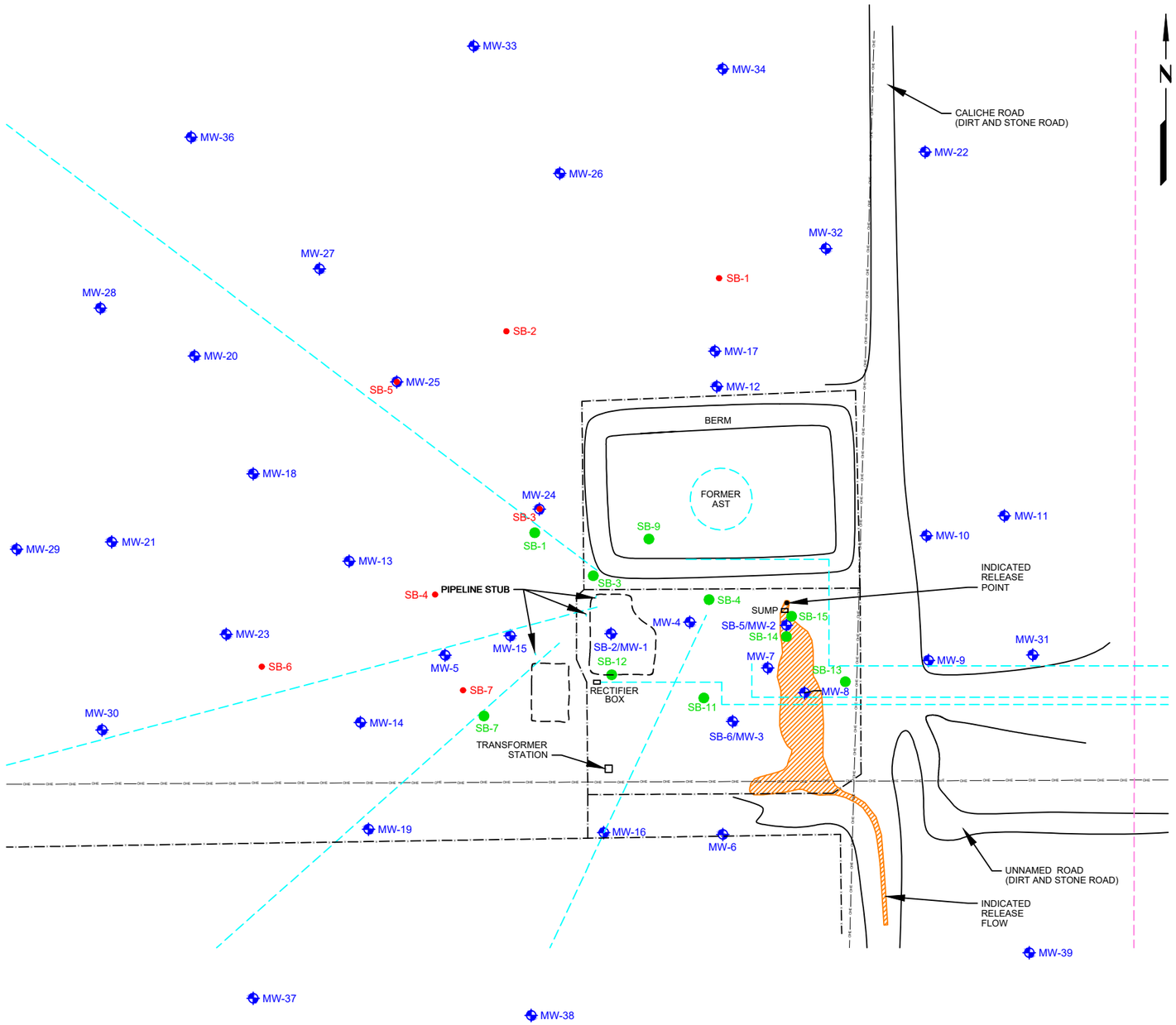
Stantec

SITE LOCATION MAP

GLADIOLA STATION
Lea County, New Mexico

PROJECT NO. 203722919

PLATE 1



EXPLANATION

- MW-39 — Groundwater monitoring well
- SB-15 — Soil boring (Kleinfelder)
- SB-7 — Soil boring (Groundwater & Environmental Services, Inc.)
- Overhead electric line
- Fence
- Active pipeline
- Inactive pipeline
- Extent of May 2007 surface release
- Extent of 2004 remedial soil excavation

SOURCE:
Modified from maps provided by
Conestoga-Rovers & Associates
Groundwater & Environmental Services, Inc.
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APPROXIMATE SCALE

0 60 120
FEET

FN 2037229190007

GENERALIZED SITE PLAN

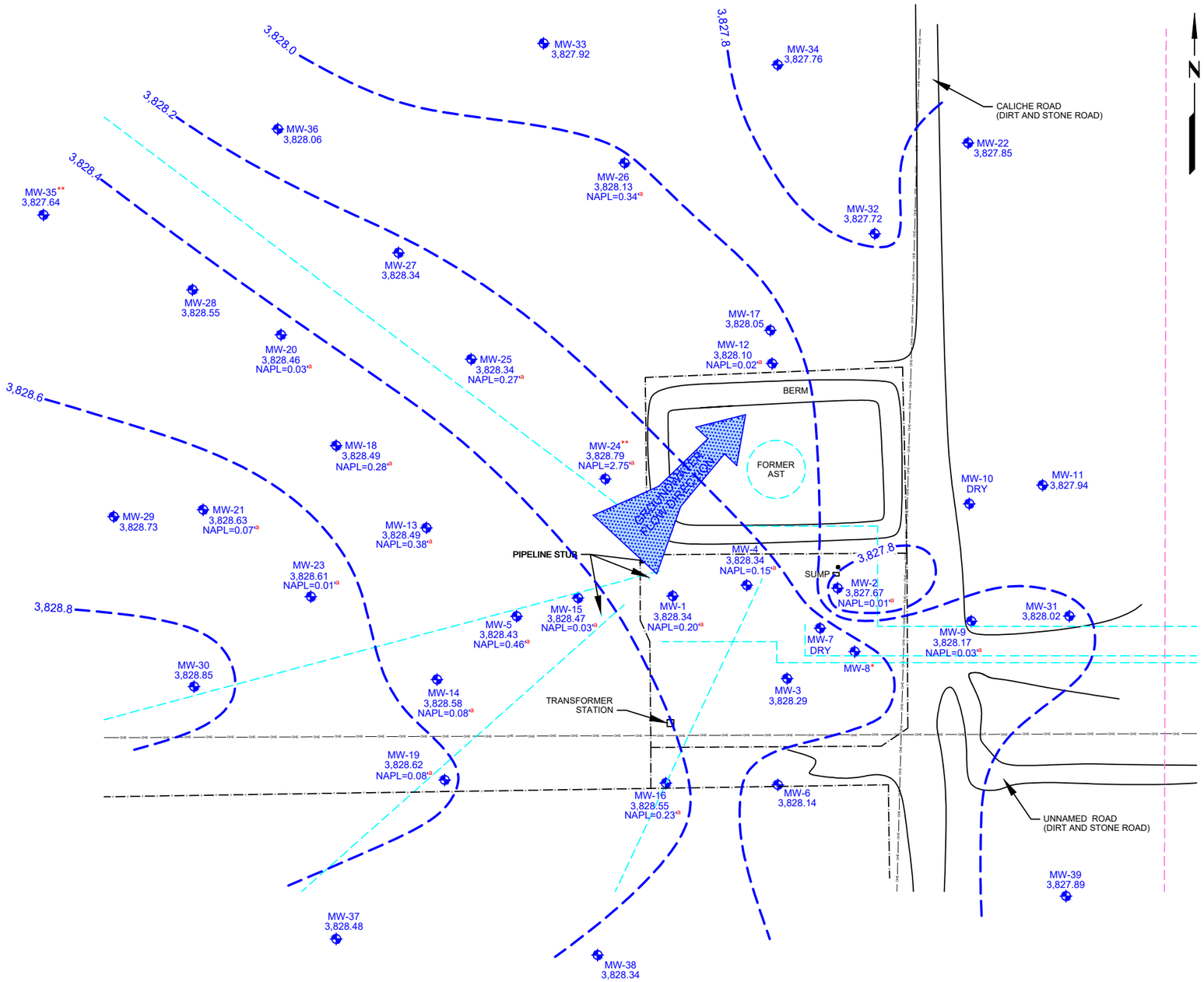
GLADIOLA STATION
Lea County, New Mexico

Stantec

PROJECT NO.
203722919

PLATE
2

DATE: 07/01/25



EXPLANATION

MW-39	Groundwater monitoring well
*	Well is presumed to have been destroyed
**	Well not used for contouring
	Groundwater elevation in feet relative to mean sea level
a	Groundwater elevation is adjusted for NAPL thickness using a relative density of 0.83
NAPL=2.75'	Non-aqueous phase liquid thickness in feet
	Line of equal groundwater elevation
	Overhead electric line
	Fence
	Active pipeline
	Inactive pipeline

SOURCE:
Modified from maps provided by
Conestoga-Rovers & Associates
Groundwater & Environmental Services, Inc.
ImagePatch.com © 2016 Microsoft Corporation
Google Earth Pro, AECOM and Kleinfelder, Inc.

APPROXIMATE SCALE

0 60 120
FEET

FN 2037229190007

GROUNDWATER ELEVATION MAP 12/16-19/24

GLADIOLA STATION
Lea County, New Mexico

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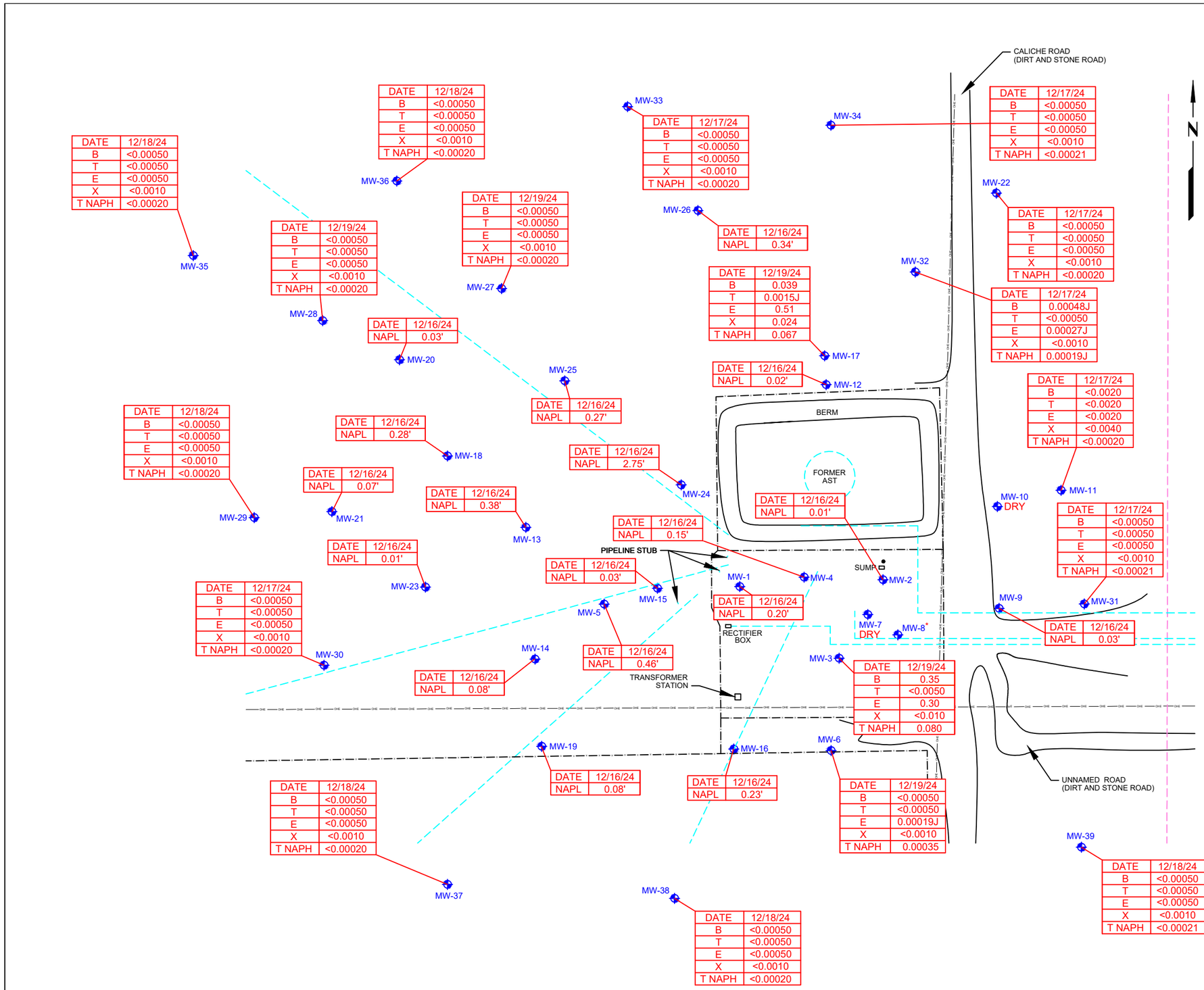
PROJECT NO.
203722919

PLATE
3

DATE: 07/01/25



EXPLANATION

- MW-39 — Groundwater monitoring well
- * — Well is presumed to have been destroyed
- J — Estimated value between method detection limit and practical quantitation limit
- < — Less than the stated laboratory reporting limit
- NAPL=2.75' — Non-aqueous phase liquid thickness in feet
- 0.35 — Exceeds NMED WQCC HHS (0.005 mg/l for benzene) (0.03 mg/l for total naphthalene)

B
T
E
X
T NAPH

Benzene, Toluene, Ethylbenzene, Xylenes, Total naphthalene

All sample results are listed in milligrams per liter

- Overhead electric line
- Fence
- Active pipeline
- Inactive pipeline

SOURCE:
Modified from maps provided by
Conestoga-Rovers & Associates
Groundwater & Environmental Services, Inc.
ImagePatch.com © 2016 Microsoft Corporation
Google Earth Pro, AECOM and Kleinfelder, Inc.

APPROXIMATE SCALE

0 60 120
FEET

FN 2037229190007

GROUNDWATER ANALYTICAL RESULTS - PETROLEUM HYDROCARBONS DECEMBER 2024

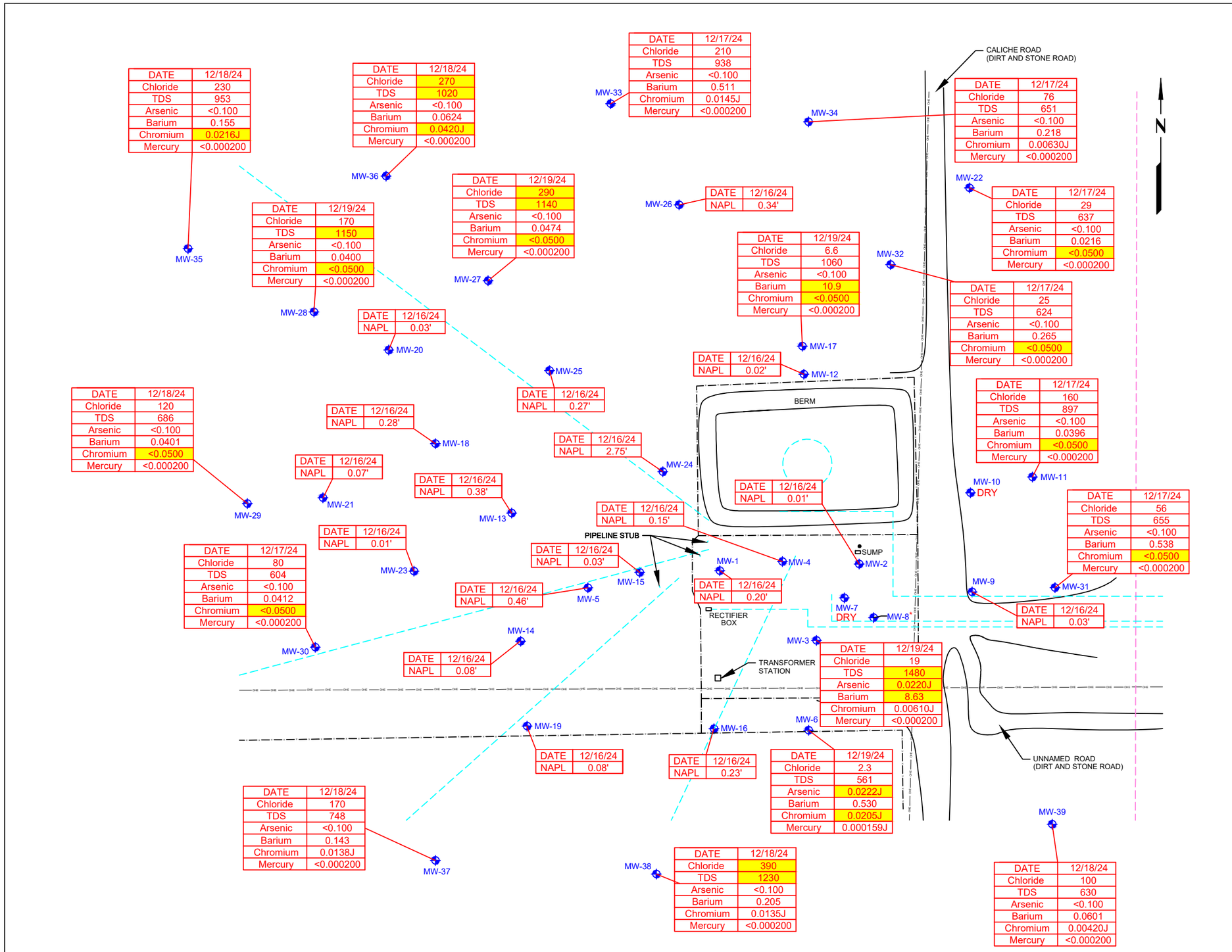
GLADIOLA STATION
Lea County, New Mexico

Stantec

PROJECT NO. 203722919

PLATE 4

DATE: 07/01/25



EXPLANATION

MW-39	Groundwater monitoring well
*	Well is presumed to have been destroyed
<	Less than the stated laboratory reporting limit
J	Estimated value between method detection limit and practical quantitation limit
NAPL=2.75'	Non-aqueous phase liquid thickness in feet
1480	Exceeds NMED WQCC HHS or DWS (250 mg/l for chloride) (1000 mg/l for TDS) (0.01 mg/l for arsenic) (2 mg/l for barium) (0.015 mg/l for chromium) (0.002 mg/l for mercury)

Chloride	Chloride
TDS	Total dissolved solids
Arsenic	Arsenic
Barium	Barium
Chromium	Chromium
Mercury	Mercury

All sample results are listed in milligrams per liter

Overhead electric line

Fence

Active pipeline

Inactive pipeline

SOURCE:
Modified from maps provided by
Conestoga-Rovers & Associates
Groundwater & Environmental Services, Inc.
ImagePatch.com © 2016 Microsoft Corporation
Google Earth Pro, AECOM and Kleinfelder, Inc.

APPROXIMATE SCALE

0 60 120
FEET

FN 2037229190007

GROUNDWATER ANALYTICAL RESULTS - METALS AND ADDITIONAL PARAMETERS DECEMBER 2024

GLADIOLA STATION
Lea County, New Mexico

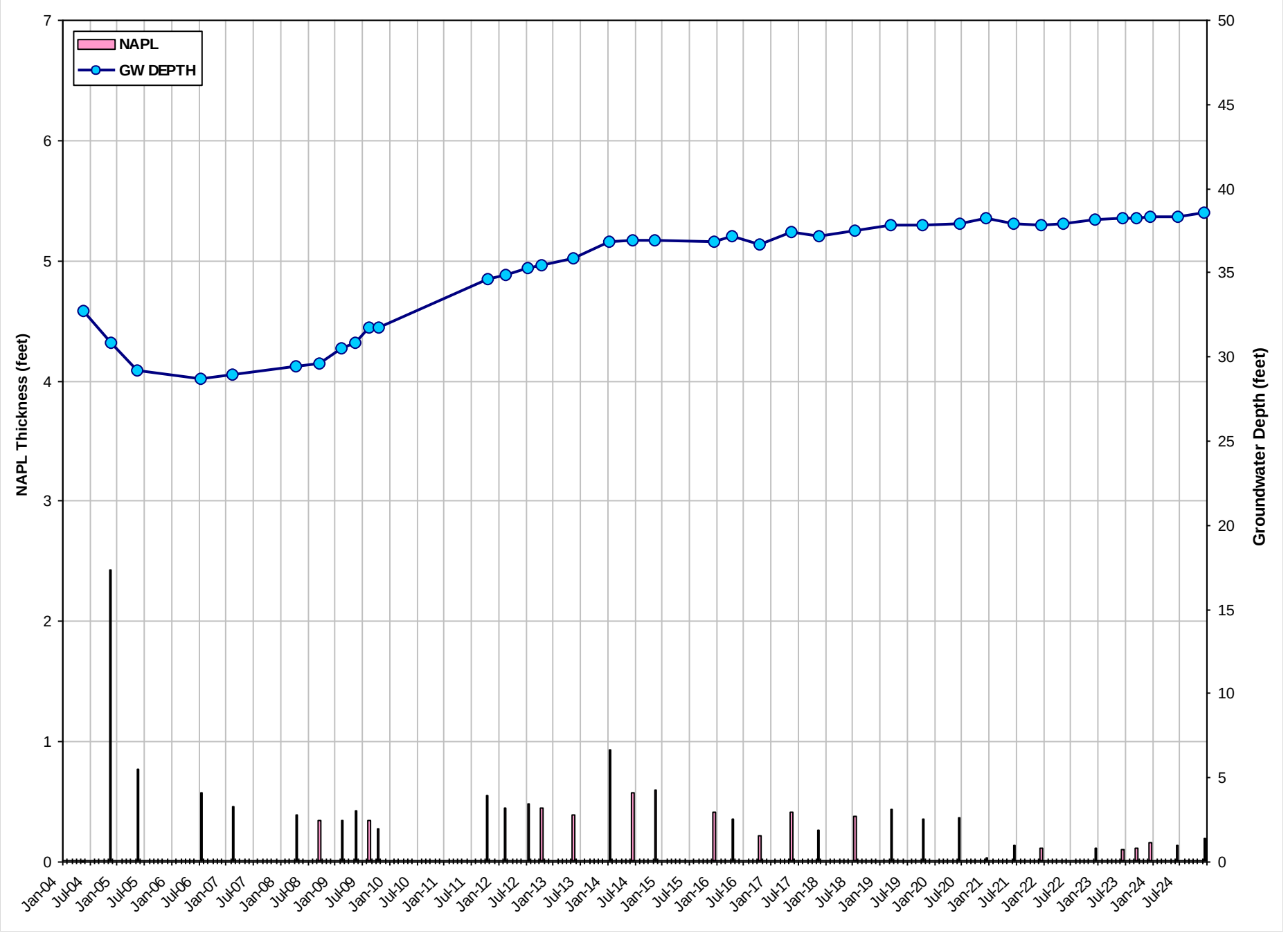
Stantec

PROJECT NO. 203722919

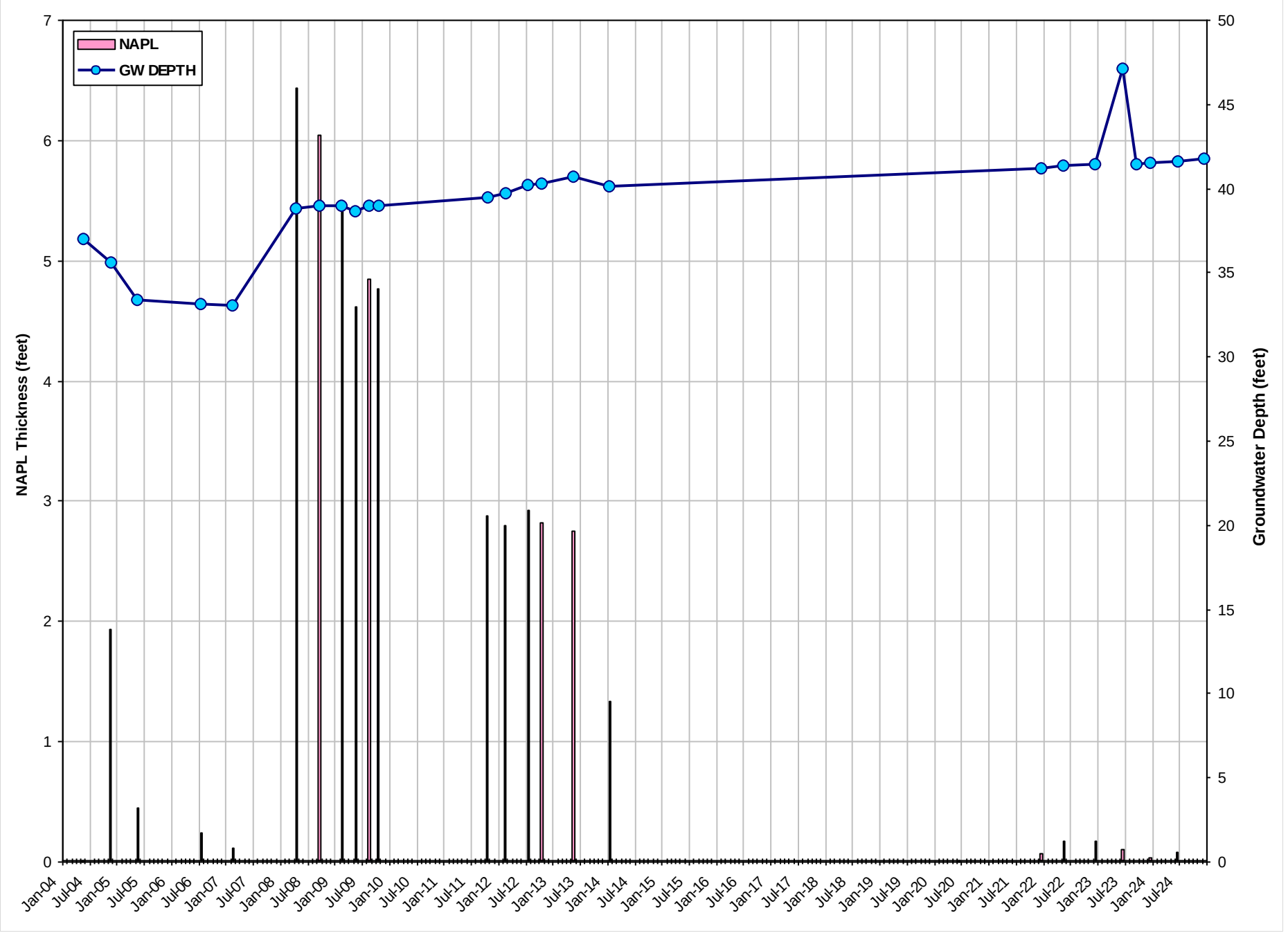
PLATE 5

DATE: 07/01/25

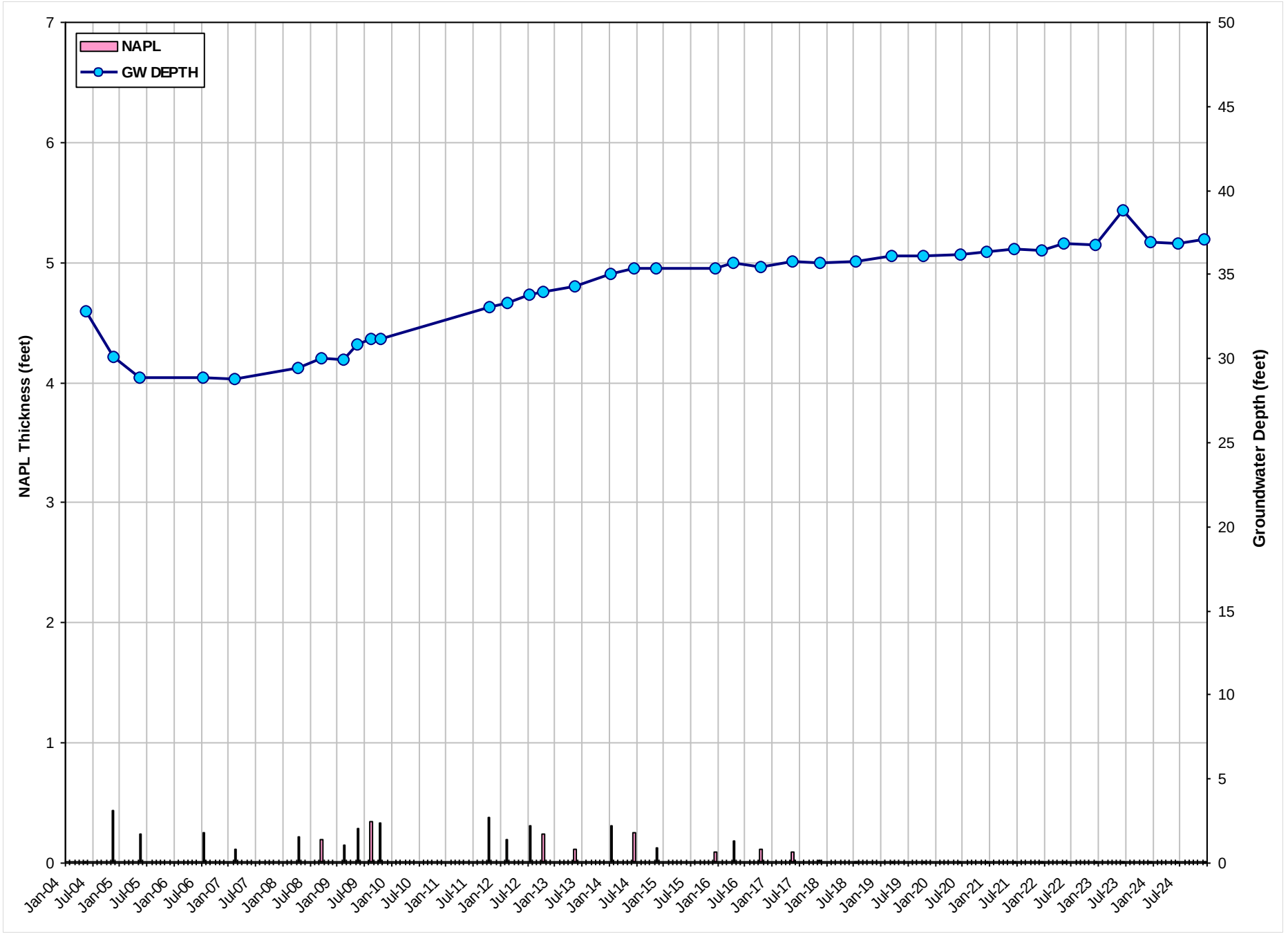
GRAPH 1
NAPL THICKNESS AND GROUNDWATER DEPTH VS. TIME - MW-1
Gladiola Station
Lea County, New Mexico



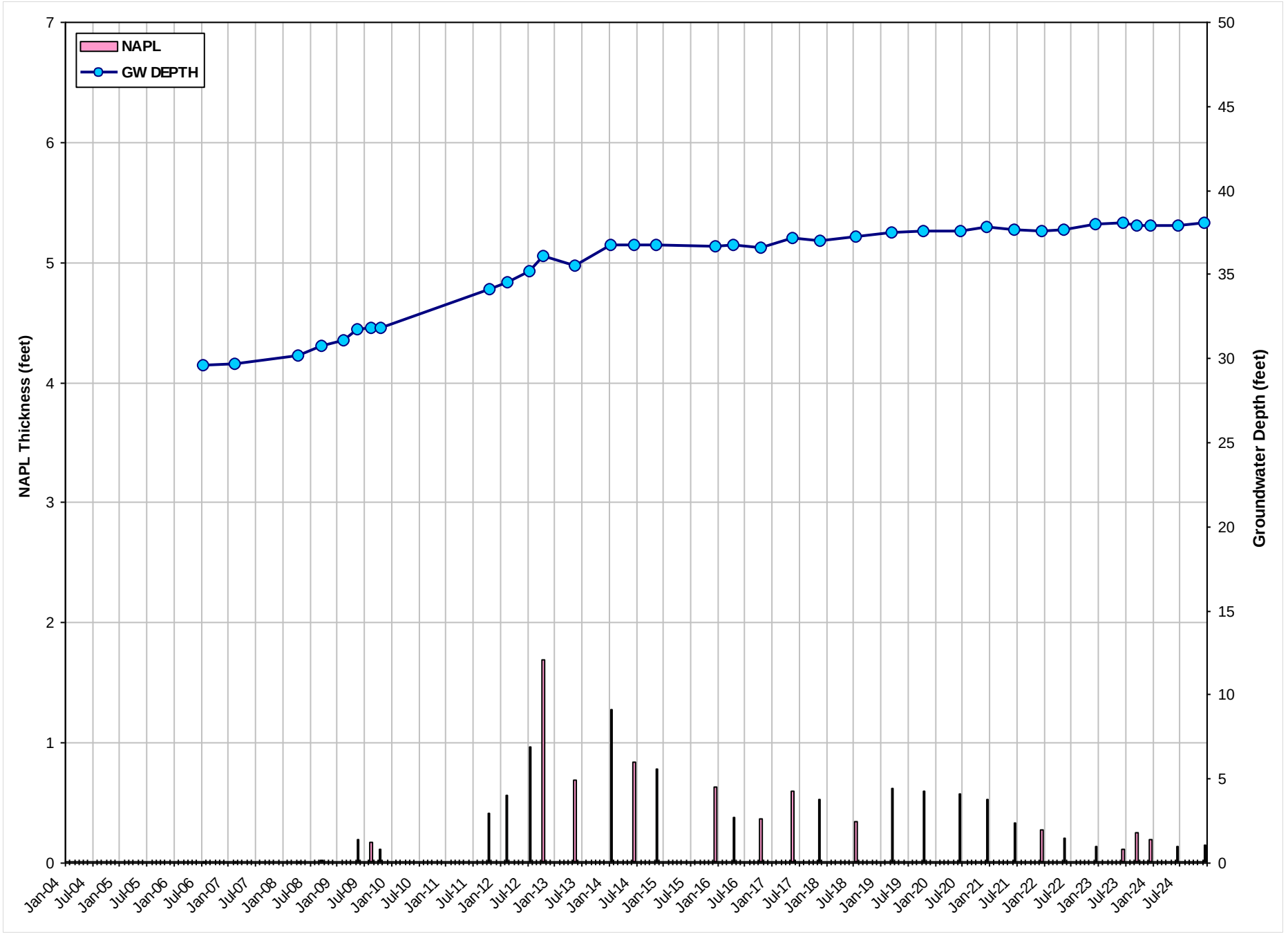
GRAPH 2
NAPL THICKNESS AND GROUNDWATER DEPTH VS. TIME - MW-2
Gladiola Station
Lea County, New Mexico



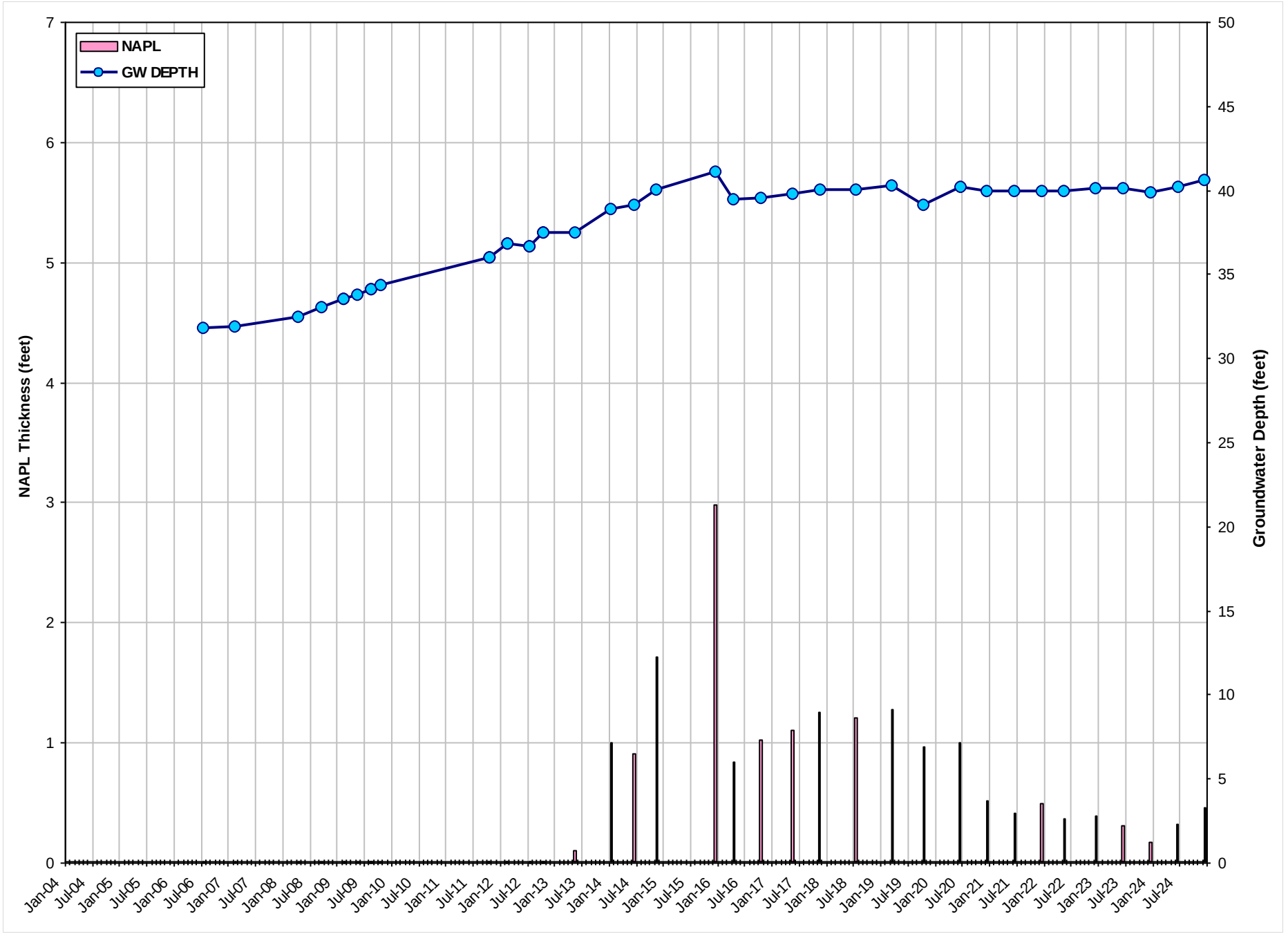
GRAPH 3
NAPL THICKNESS AND GROUNDWATER DEPTH VS. TIME - MW-3
Gladiola Station
Lea County, New Mexico



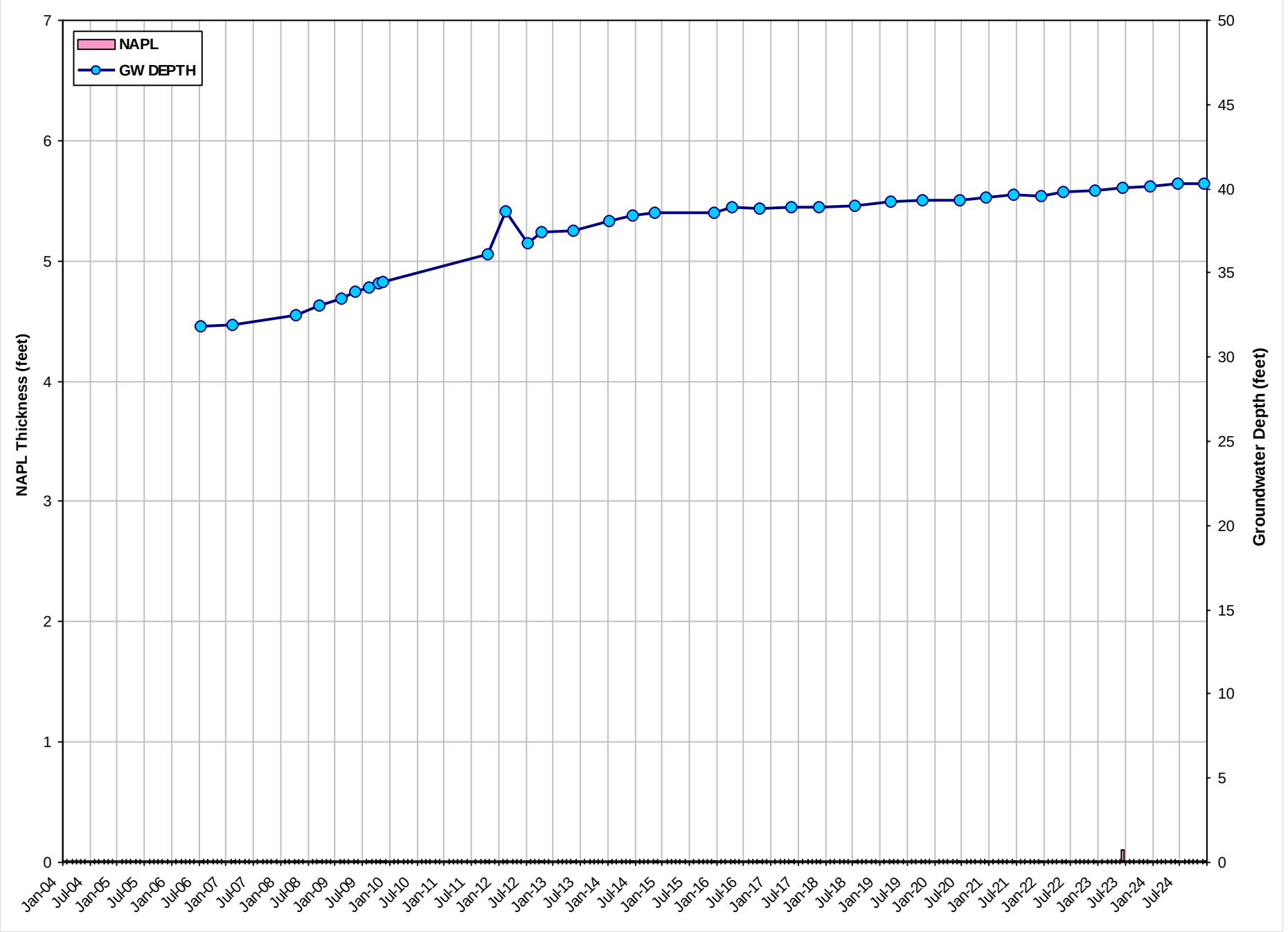
GRAPH 4
NAPL THICKNESS AND GROUNDWATER DEPTH VS. TIME - MW-4
Gladiola Station
Lea County, New Mexico



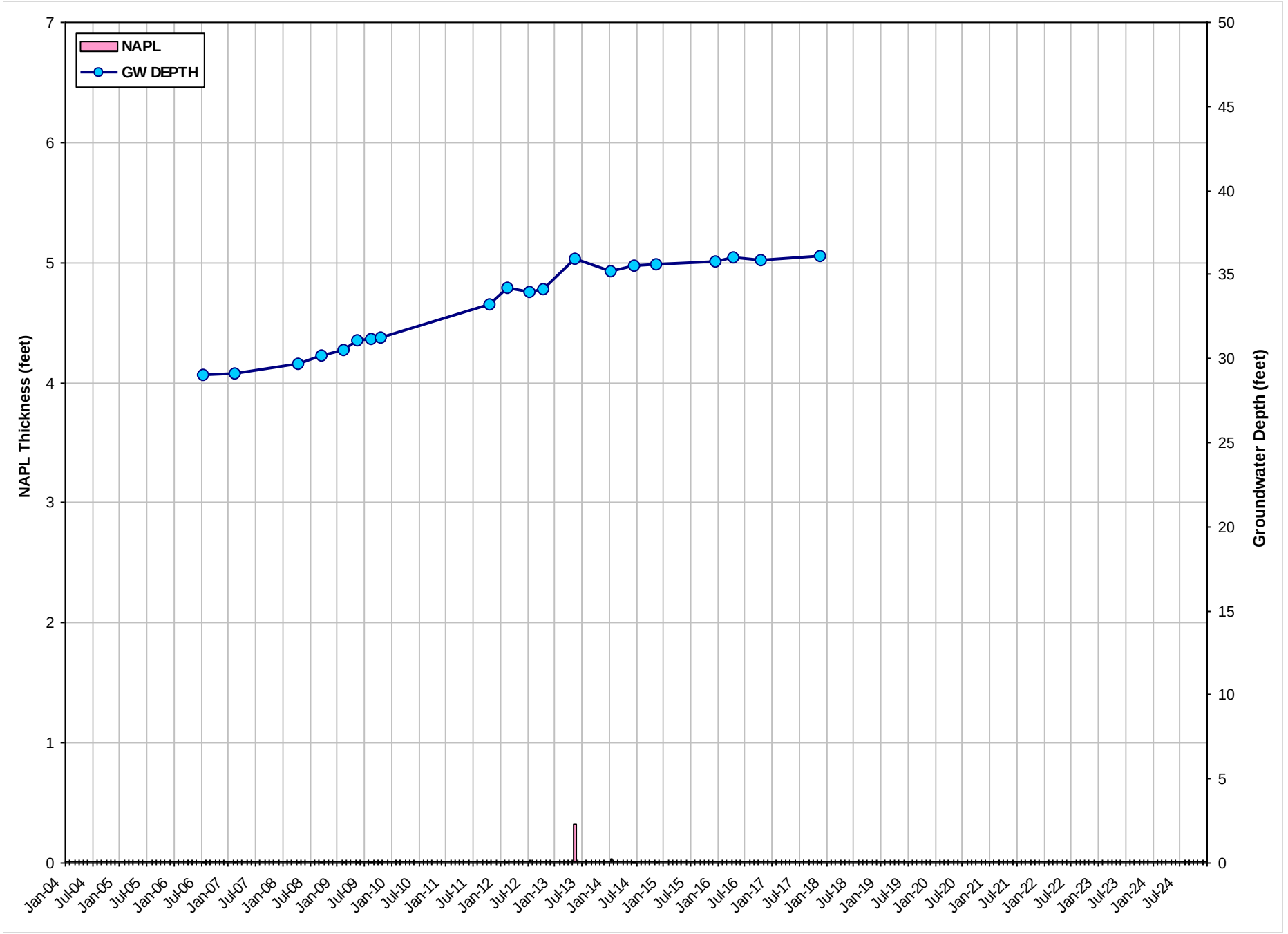
GRAPH 5
NAPL THICKNESS AND GROUNDWATER DEPTH VS. TIME - MW-5
Gladiola Station
Lea County, New Mexico



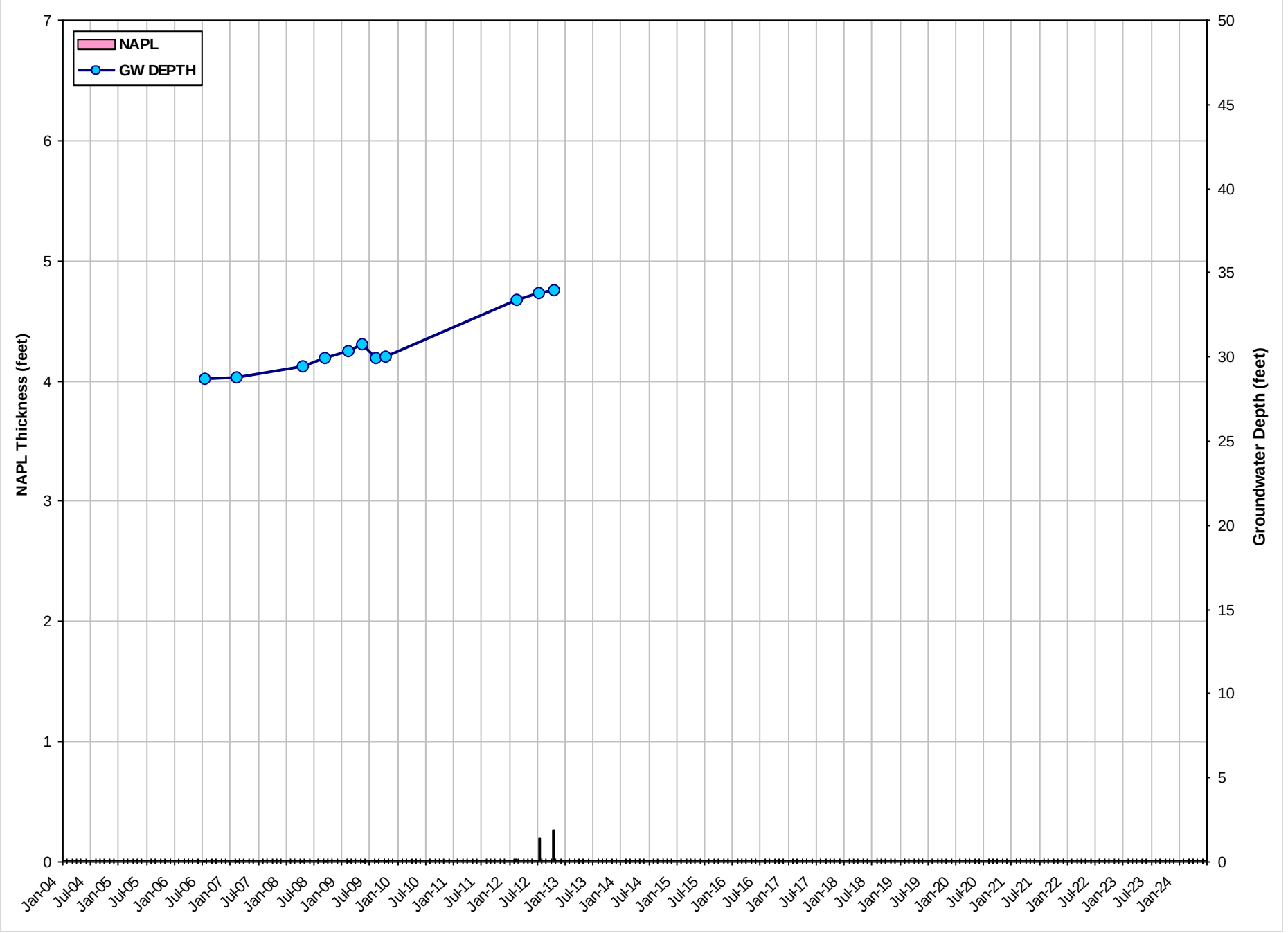
GRAPH 6
NAPL THICKNESS AND GROUNDWATER DEPTH VS. TIME - MW-6
Gladiola Station
Lea County, New Mexico



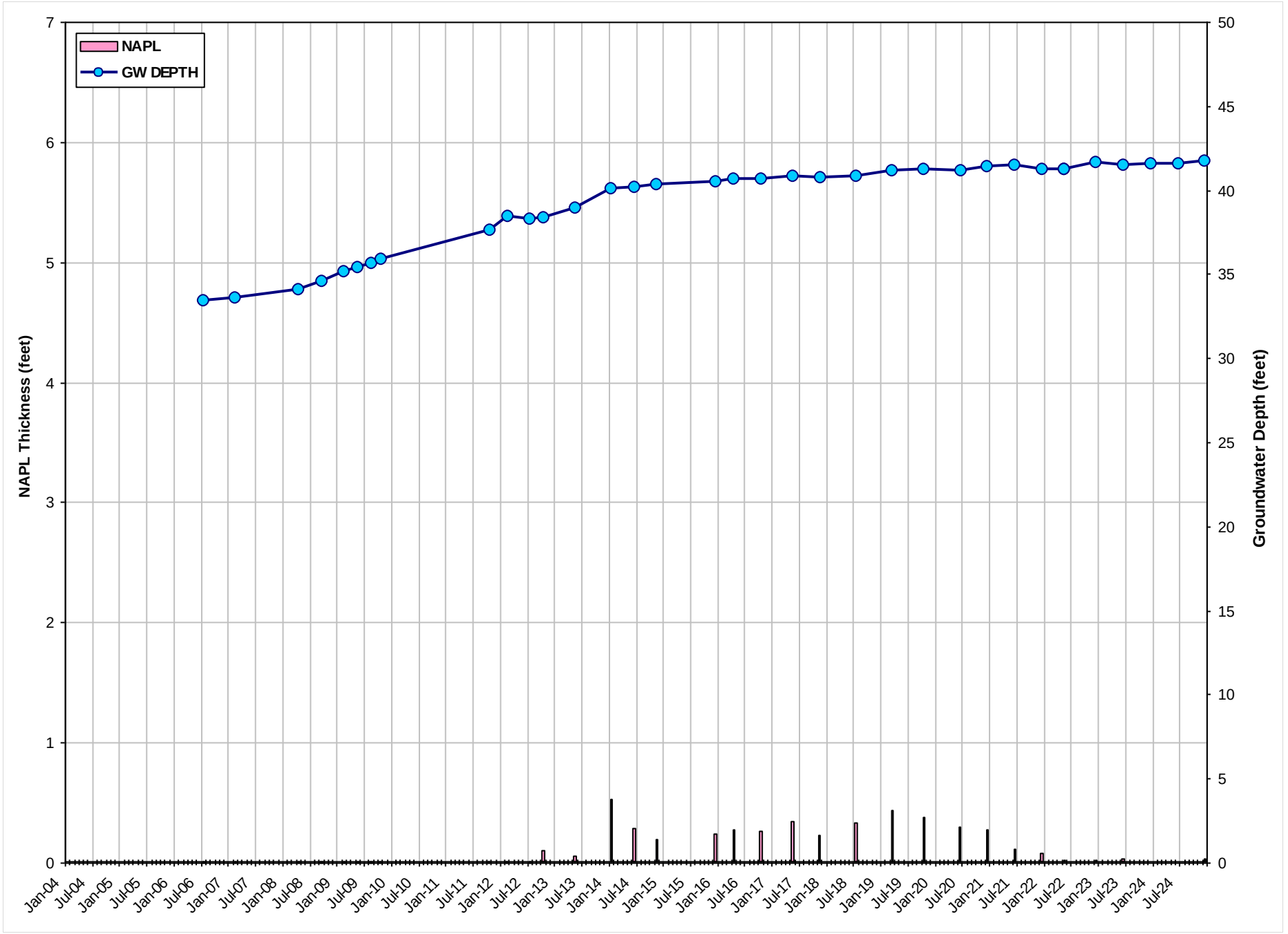
GRAPH 7
NAPL THICKNESS AND GROUNDWATER DEPTH VS. TIME - MW-7
Gladiola Station
Lea County, New Mexico



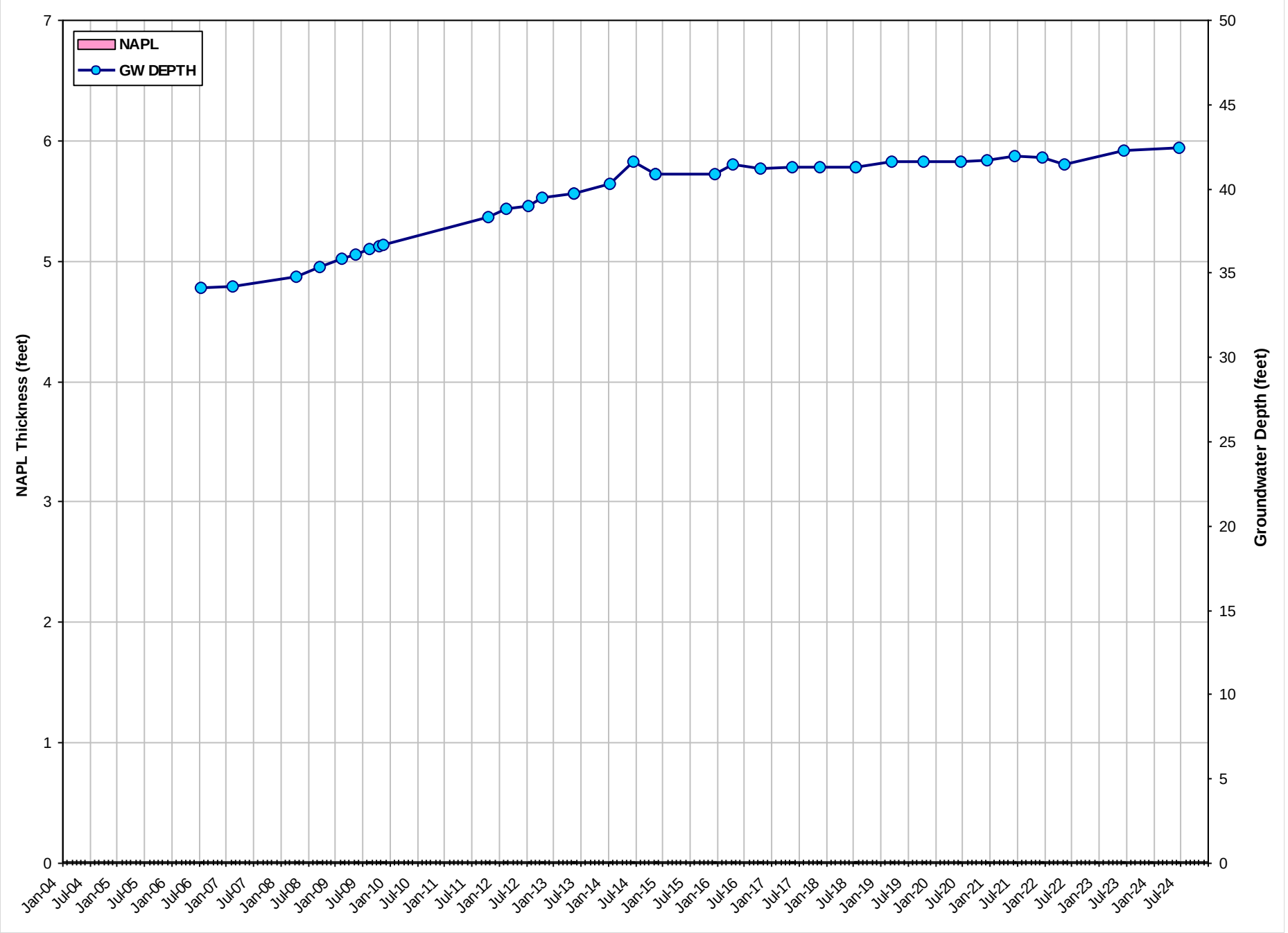
GRAPH 8
NAPL THICKNESS AND GROUNDWATER DEPTH VS. TIME - MW-8
Gladiola Station
Lea County, New Mexico



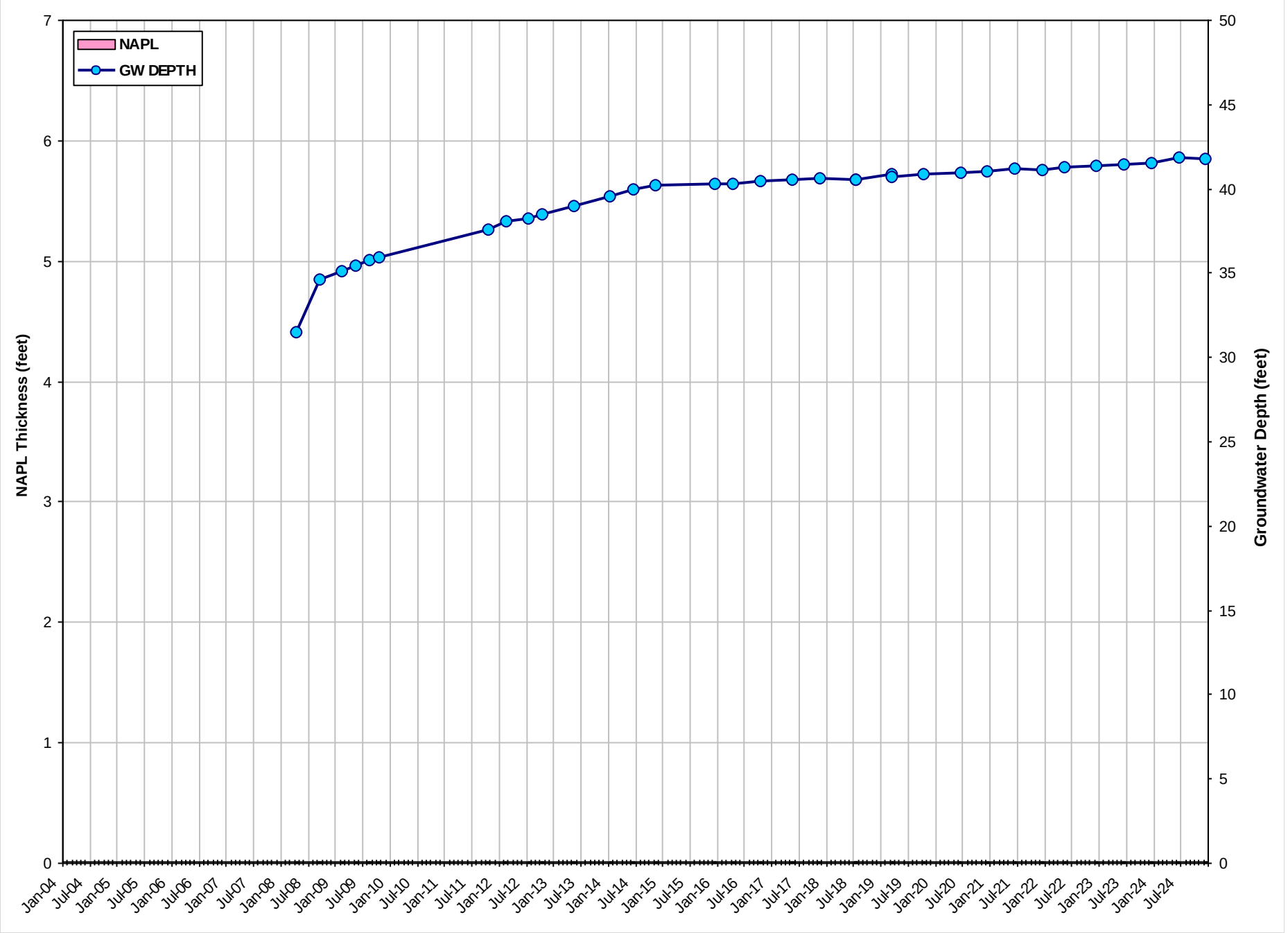
GRAPH 9
NAPL THICKNESS AND GROUNDWATER DEPTH VS. TIME - MW-9
Gladiola Station
Lea County, New Mexico



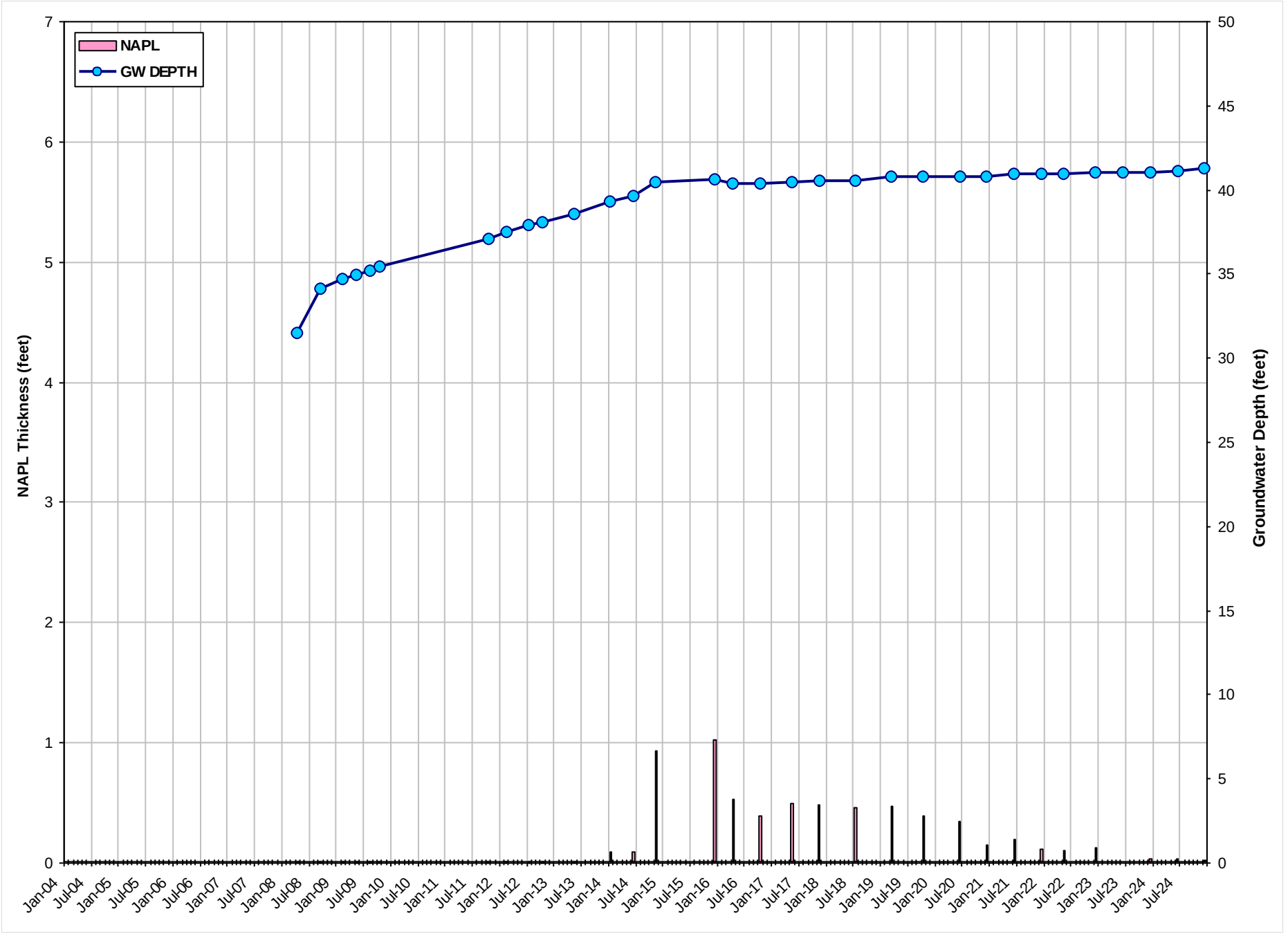
GRAPH 10
NAPL THICKNESS AND GROUNDWATER DEPTH VS. TIME - MW-10
Gladiola Station
Lea County, New Mexico



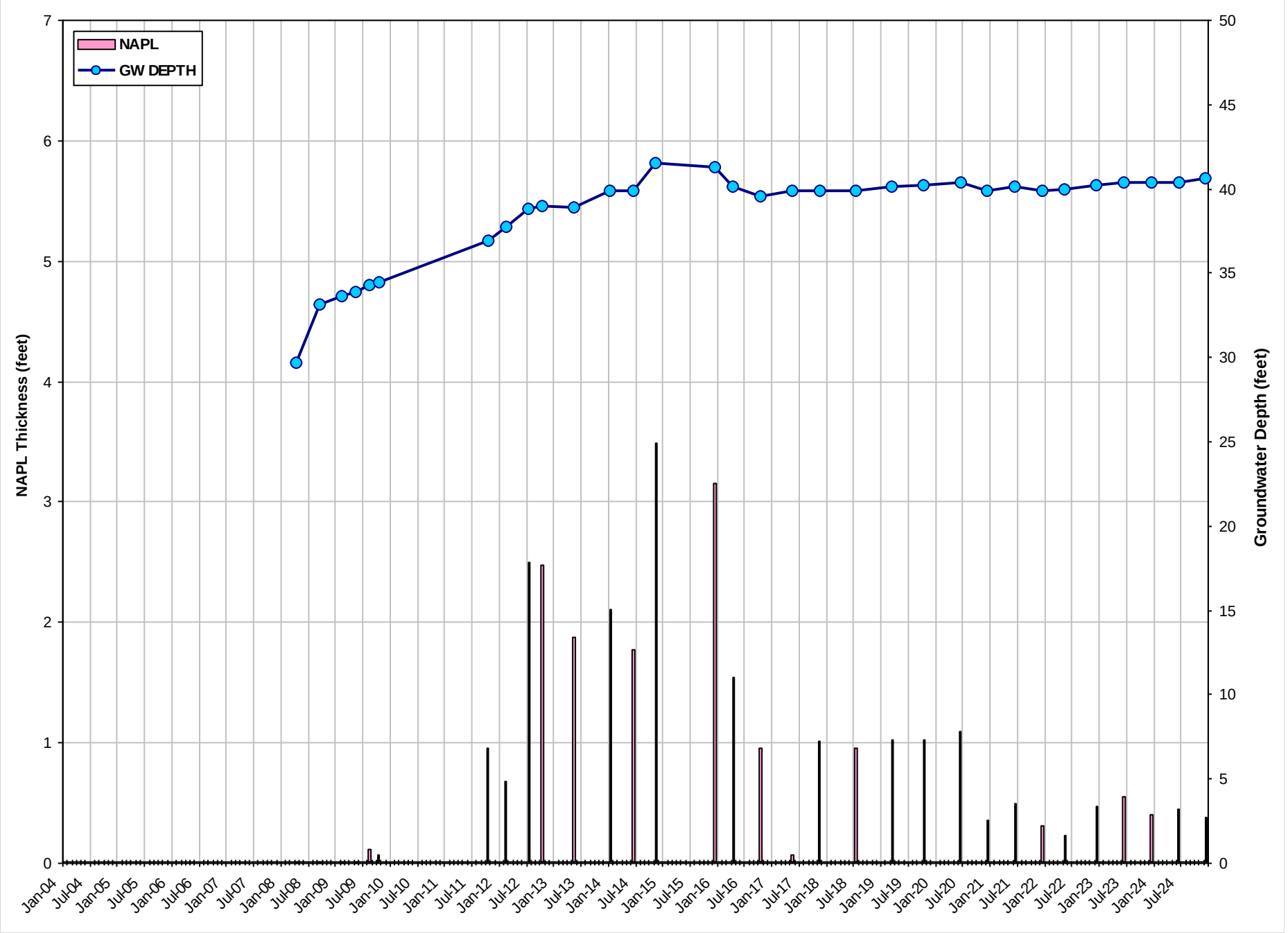
GRAPH 11
NAPL THICKNESS AND GROUNDWATER DEPTH VS. TIME - MW-11
Gladiola Station
Lea County, New Mexico



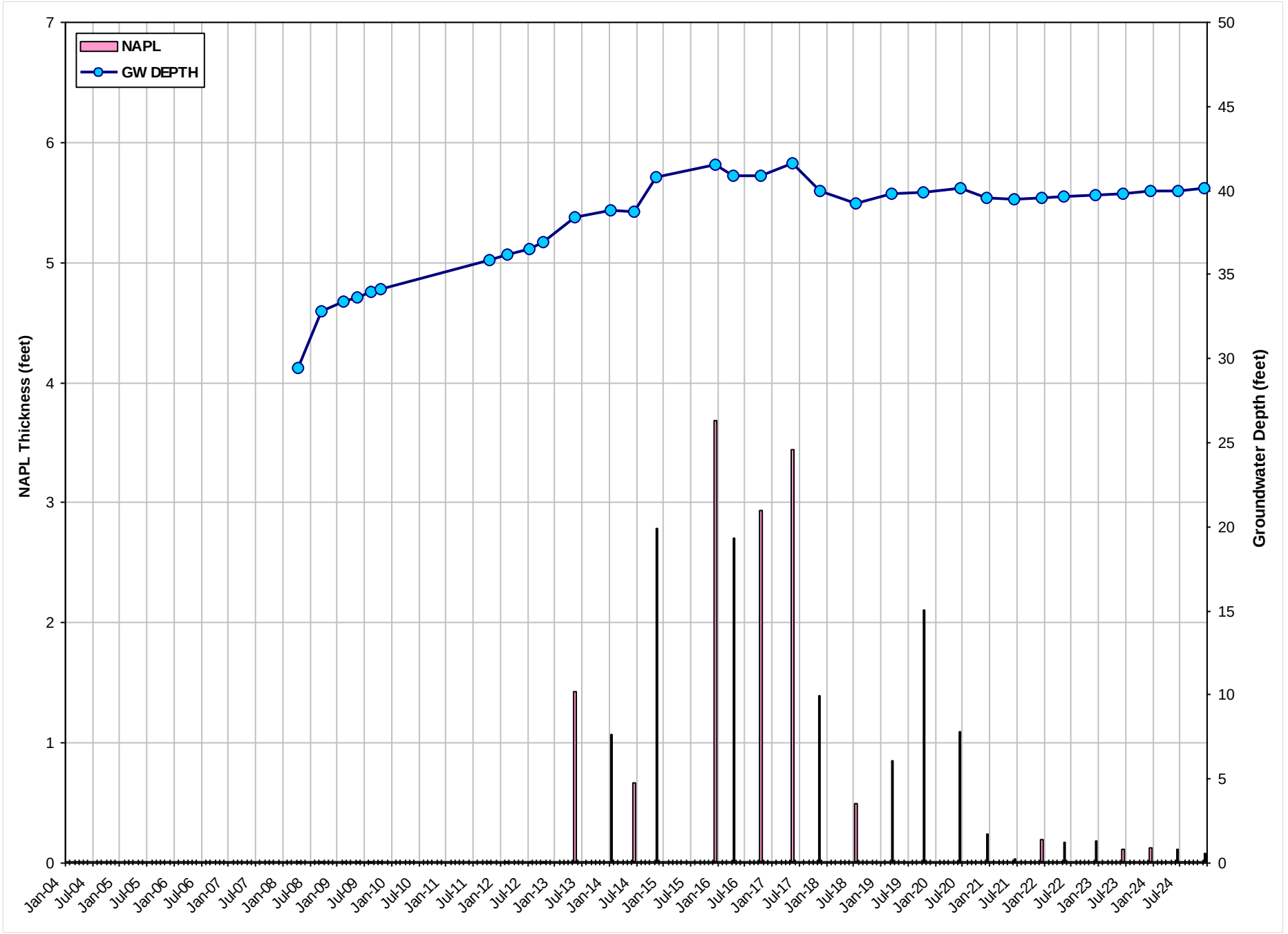
GRAPH 12
NAPL THICKNESS AND GROUNDWATER DEPTH VS. TIME - MW-12
Gladiola Station
Lea County, New Mexico



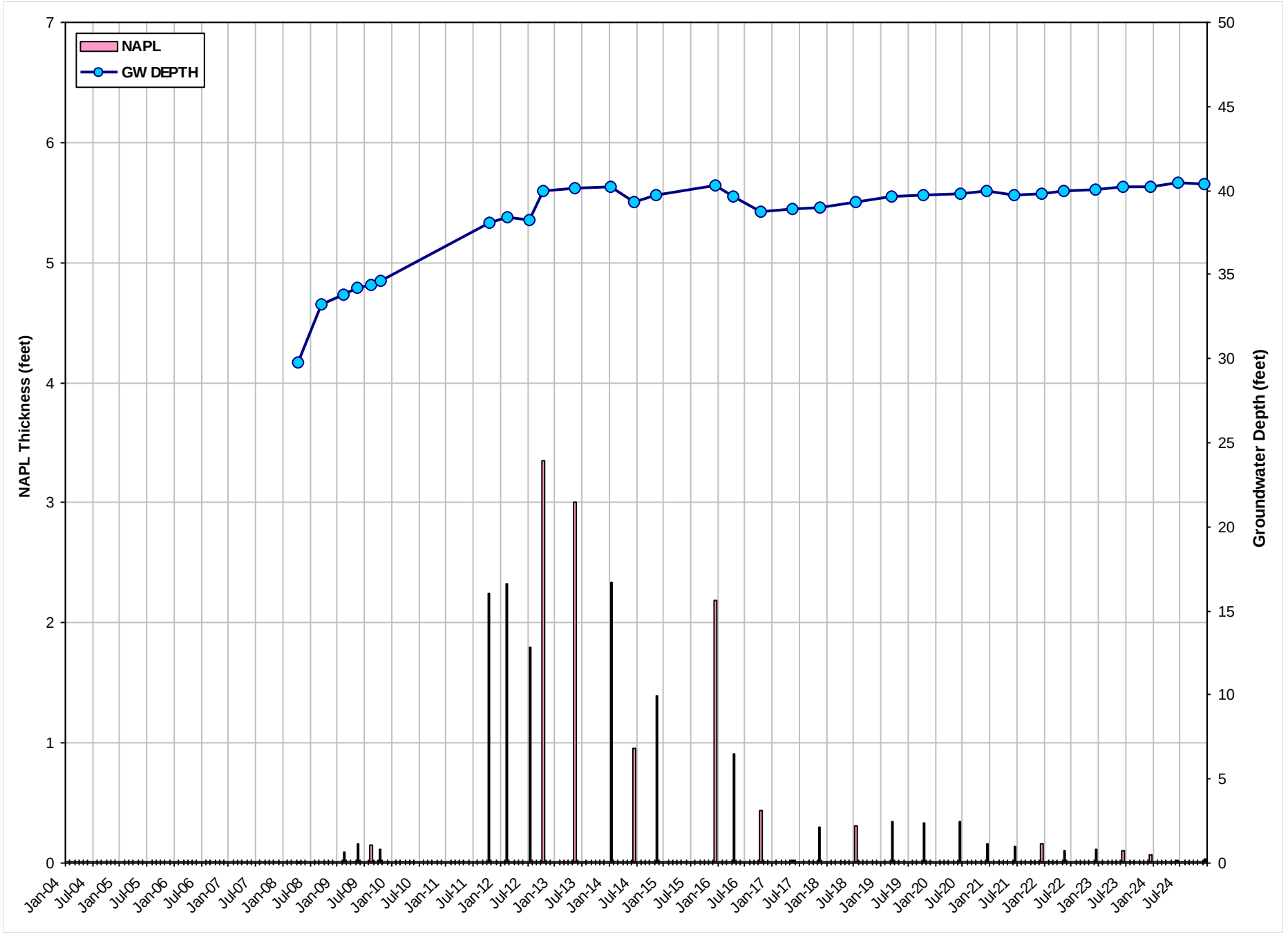
GRAPH 13
NAPL THICKNESS AND GROUNDWATER DEPTH VS. TIME - MW-13
Gladiola Station
Lea County, New Mexico



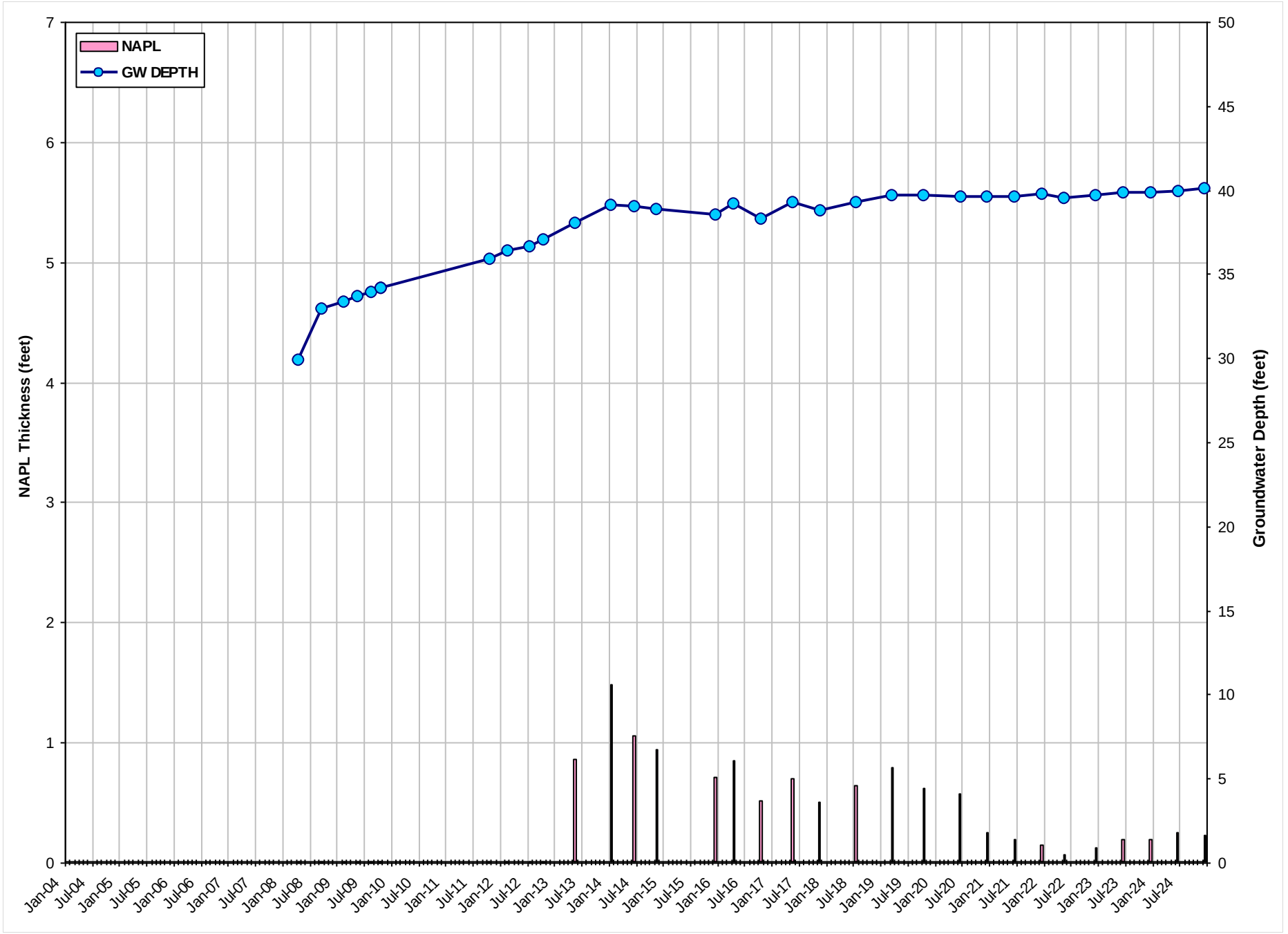
GRAPH 14
NAPL THICKNESS AND GROUNDWATER DEPTH VS. TIME - MW-14
Gladiola Station
Lea County, New Mexico



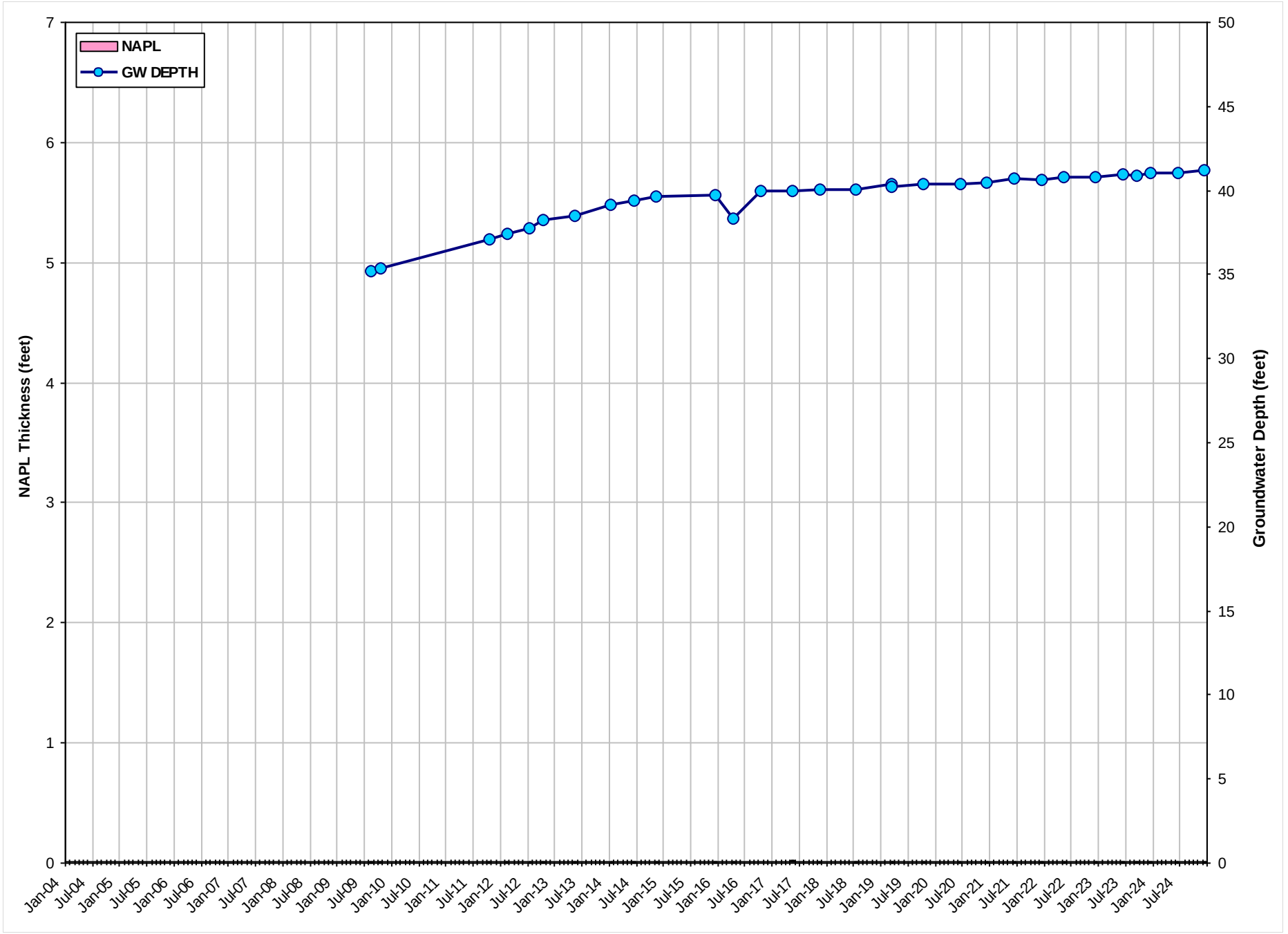
GRAPH 15
NAPL THICKNESS AND GROUNDWATER DEPTH VS. TIME - MW-15
Gladiola Station
Lea County, New Mexico



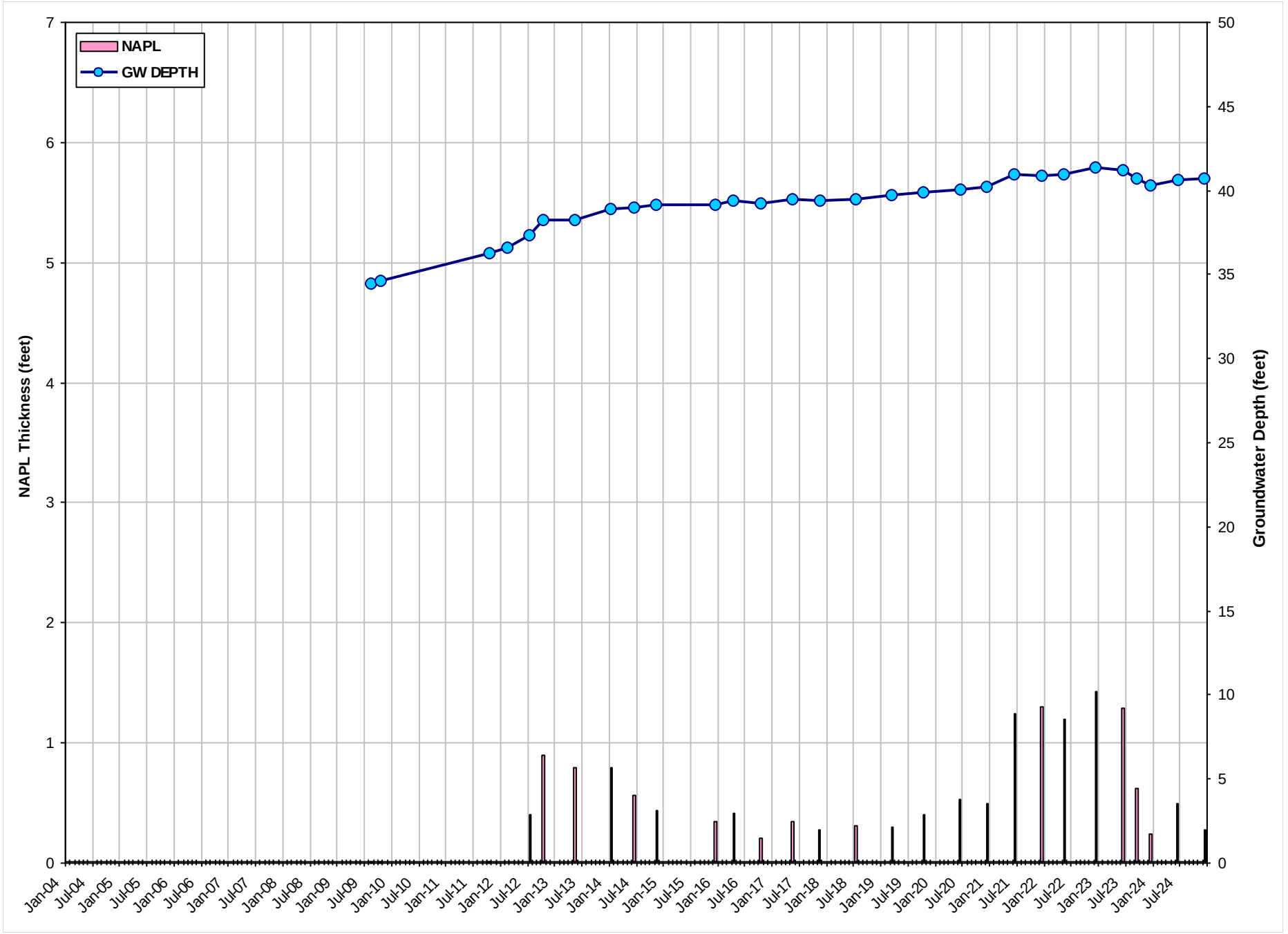
GRAPH 16
NAPL THICKNESS AND GROUNDWATER DEPTH VS. TIME - MW-16
Gladiola Station
Lea County, New Mexico



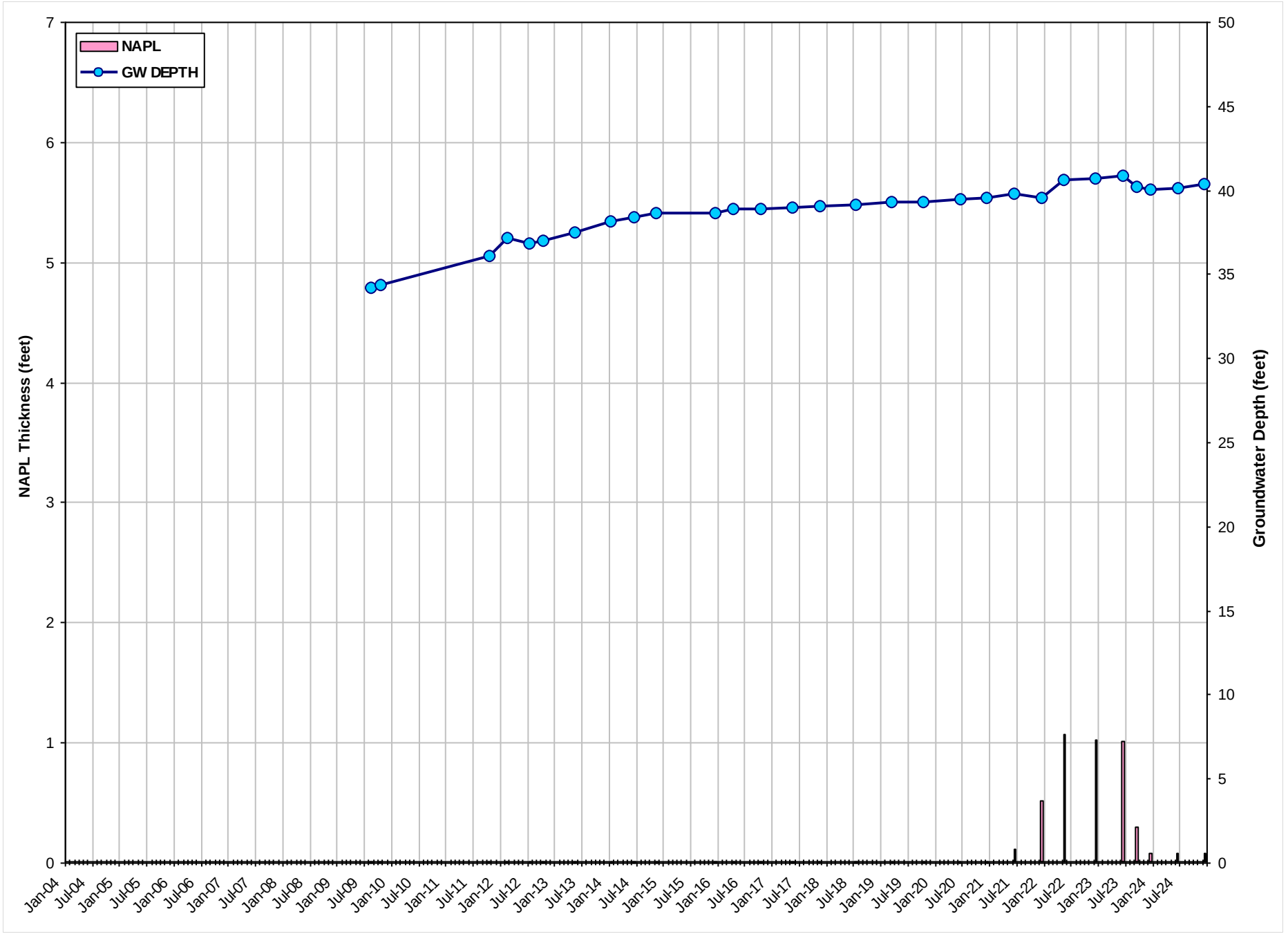
GRAPH 17
NAPL THICKNESS AND GROUNDWATER DEPTH VS. TIME - MW-17
Gladiola Station
Lea County, New Mexico



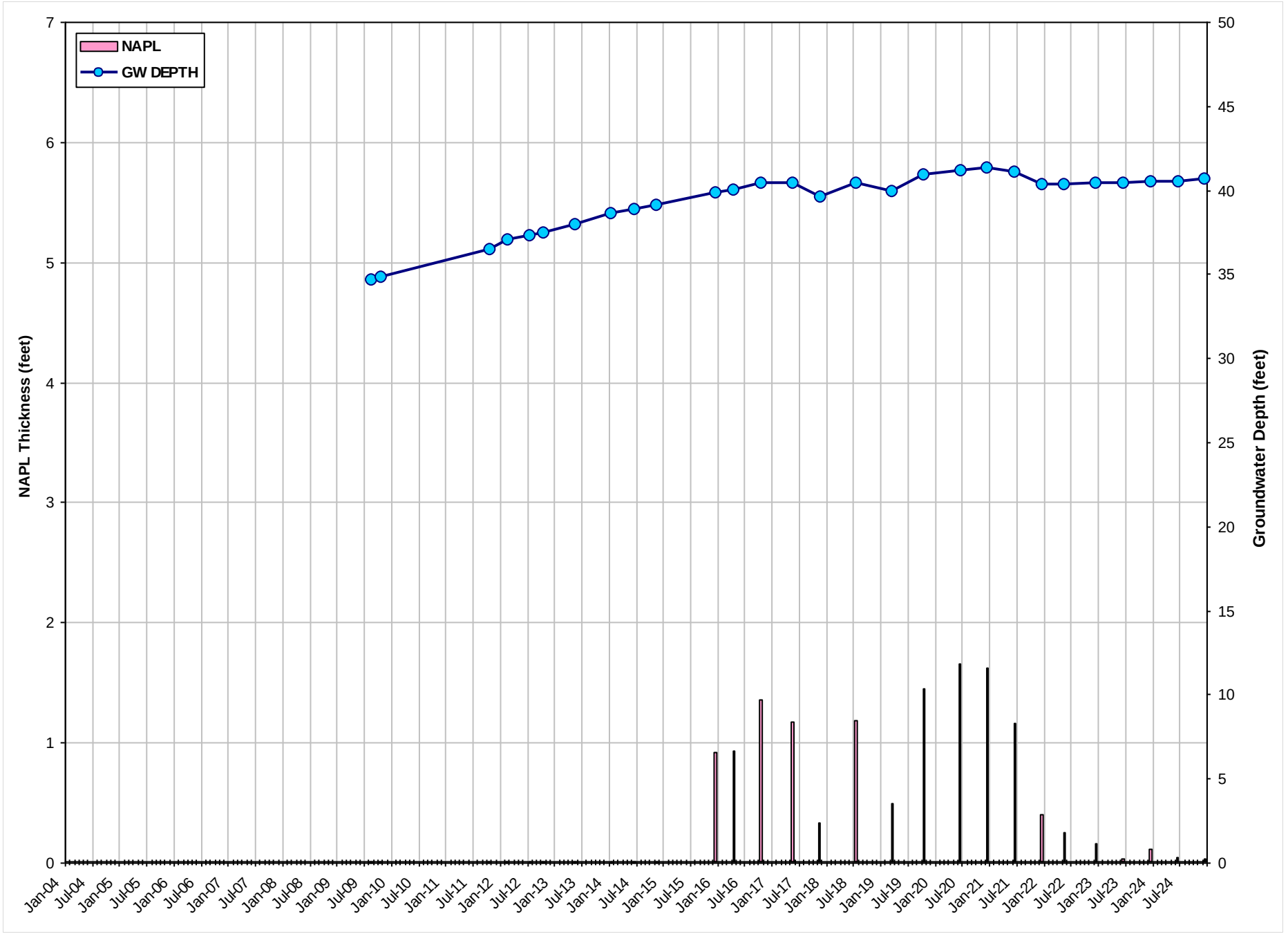
GRAPH 18
NAPL THICKNESS AND GROUNDWATER DEPTH VS. TIME - MW-18
Gladiola Station
Lea County, New Mexico



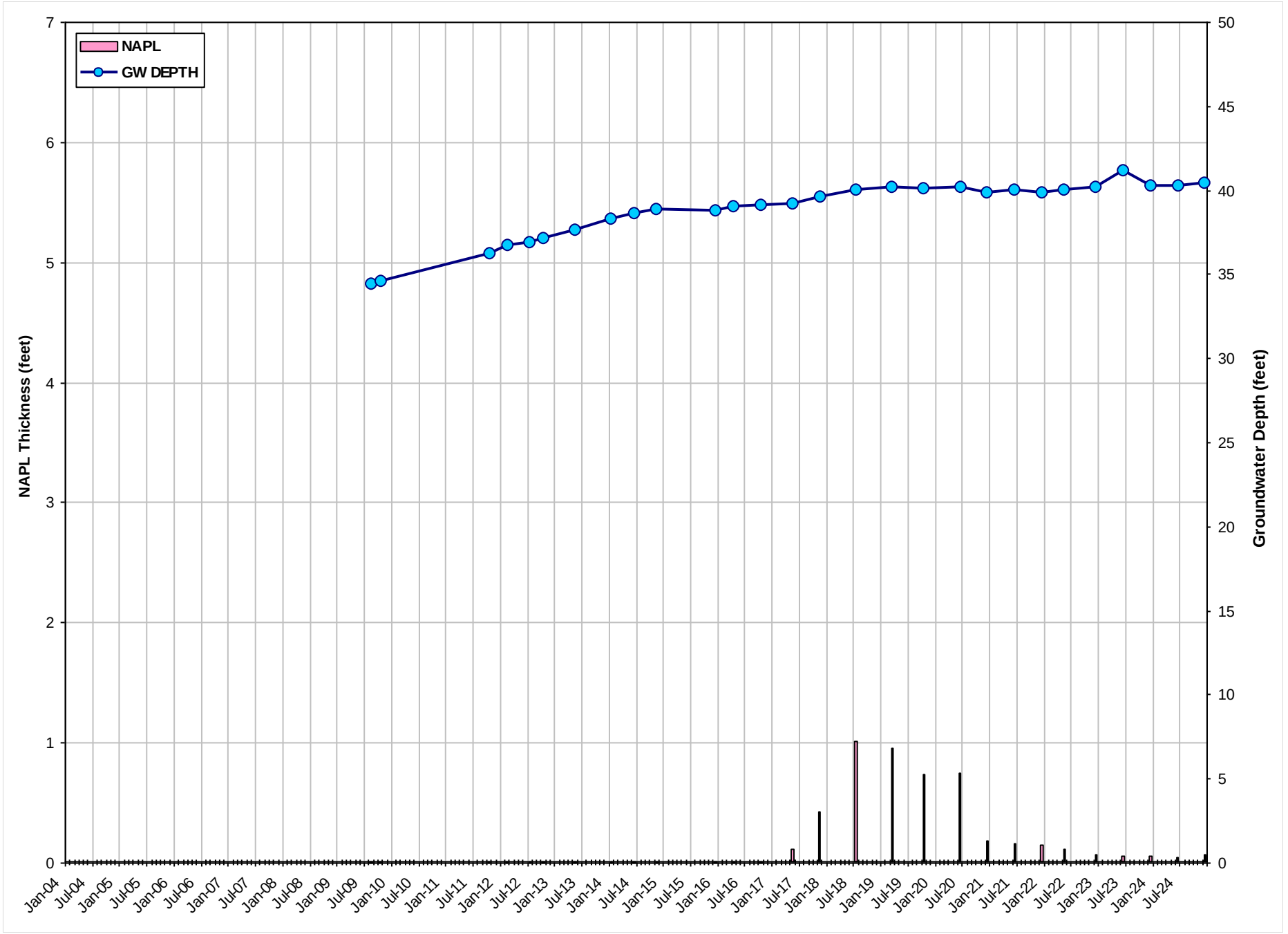
GRAPH 19
NAPL THICKNESS AND GROUNDWATER DEPTH VS. TIME - MW-19
Gladiola Station
Lea County, New Mexico



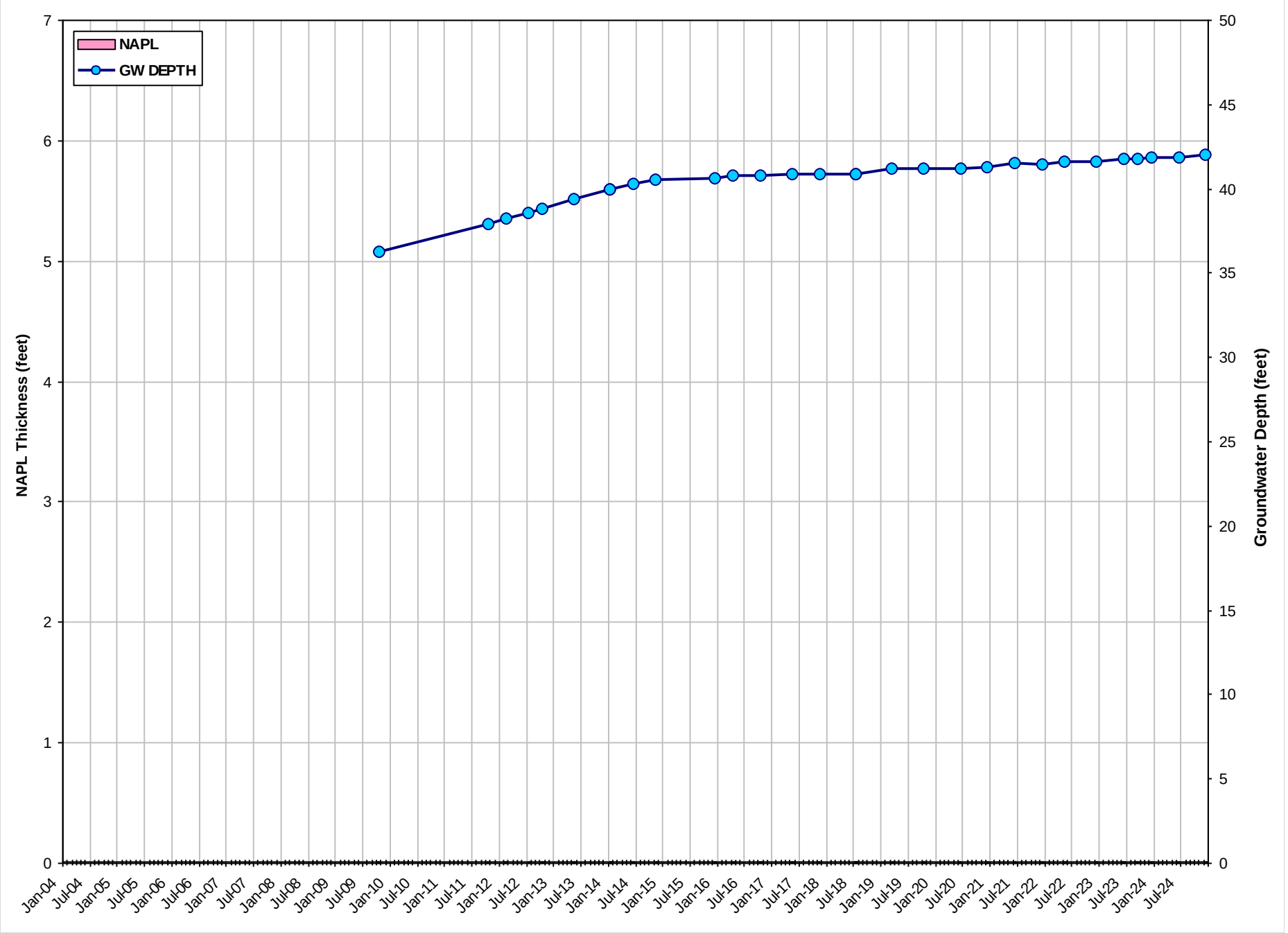
GRAPH 20
NAPL THICKNESS AND GROUNDWATER DEPTH VS. TIME - MW-20
Gladiola Station
Lea County, New Mexico



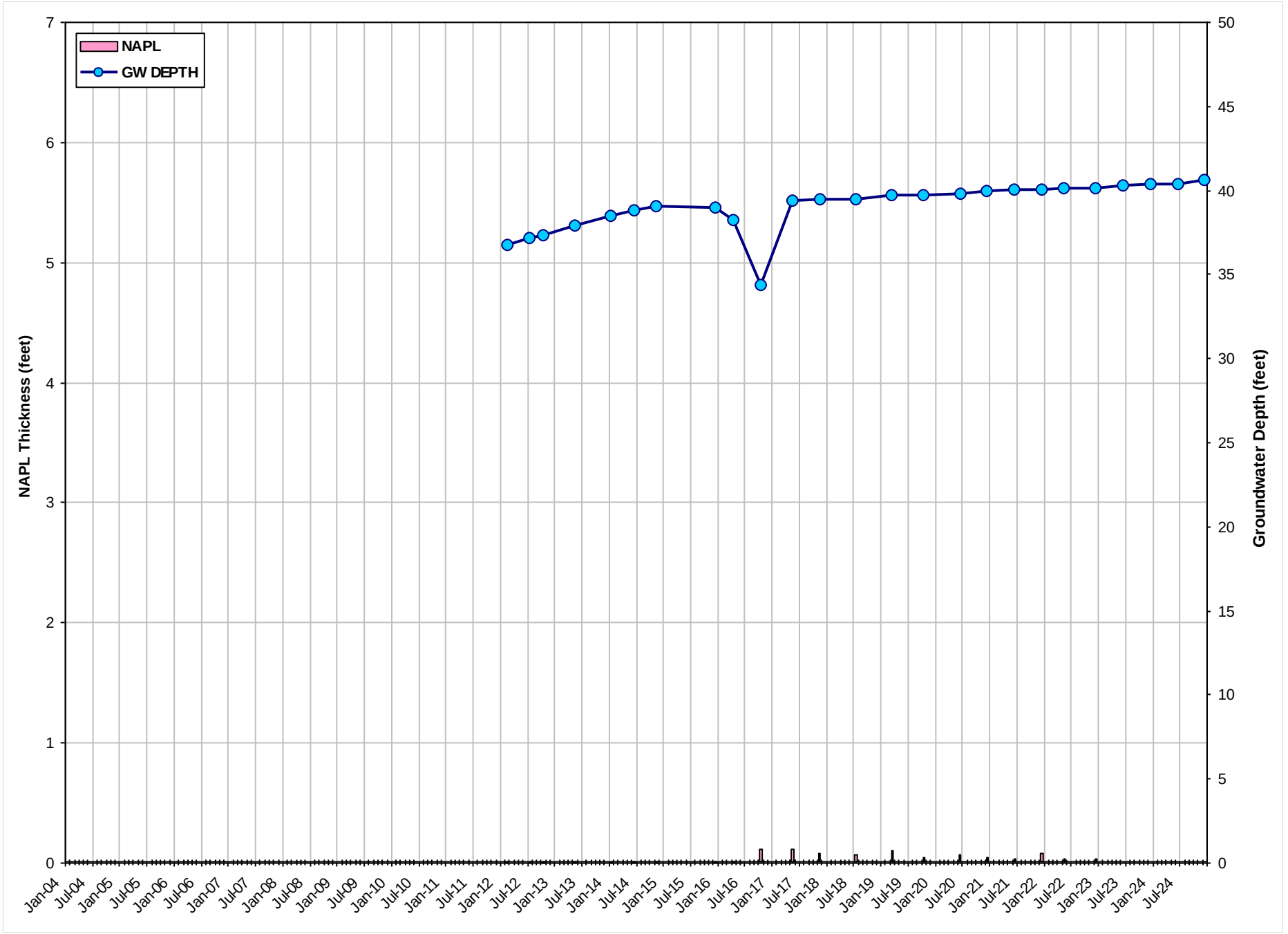
GRAPH 21
NAPL THICKNESS AND GROUNDWATER DEPTH VS. TIME - MW-21
Gladiola Station
Lea County, New Mexico



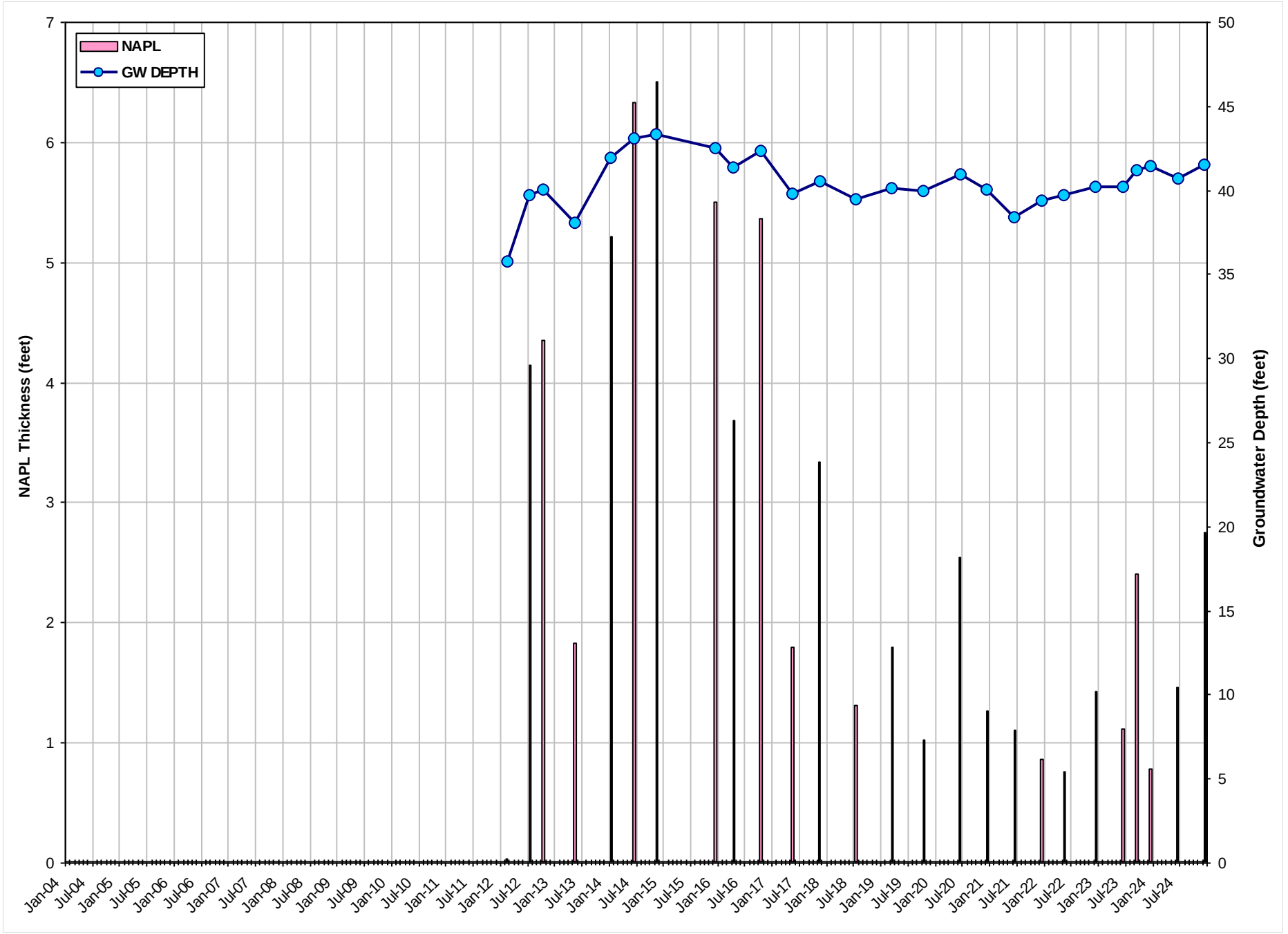
GRAPH 22
NAPL THICKNESS AND GROUNDWATER DEPTH VS. TIME - MW-22
Gladiola Station
Lea County, New Mexico



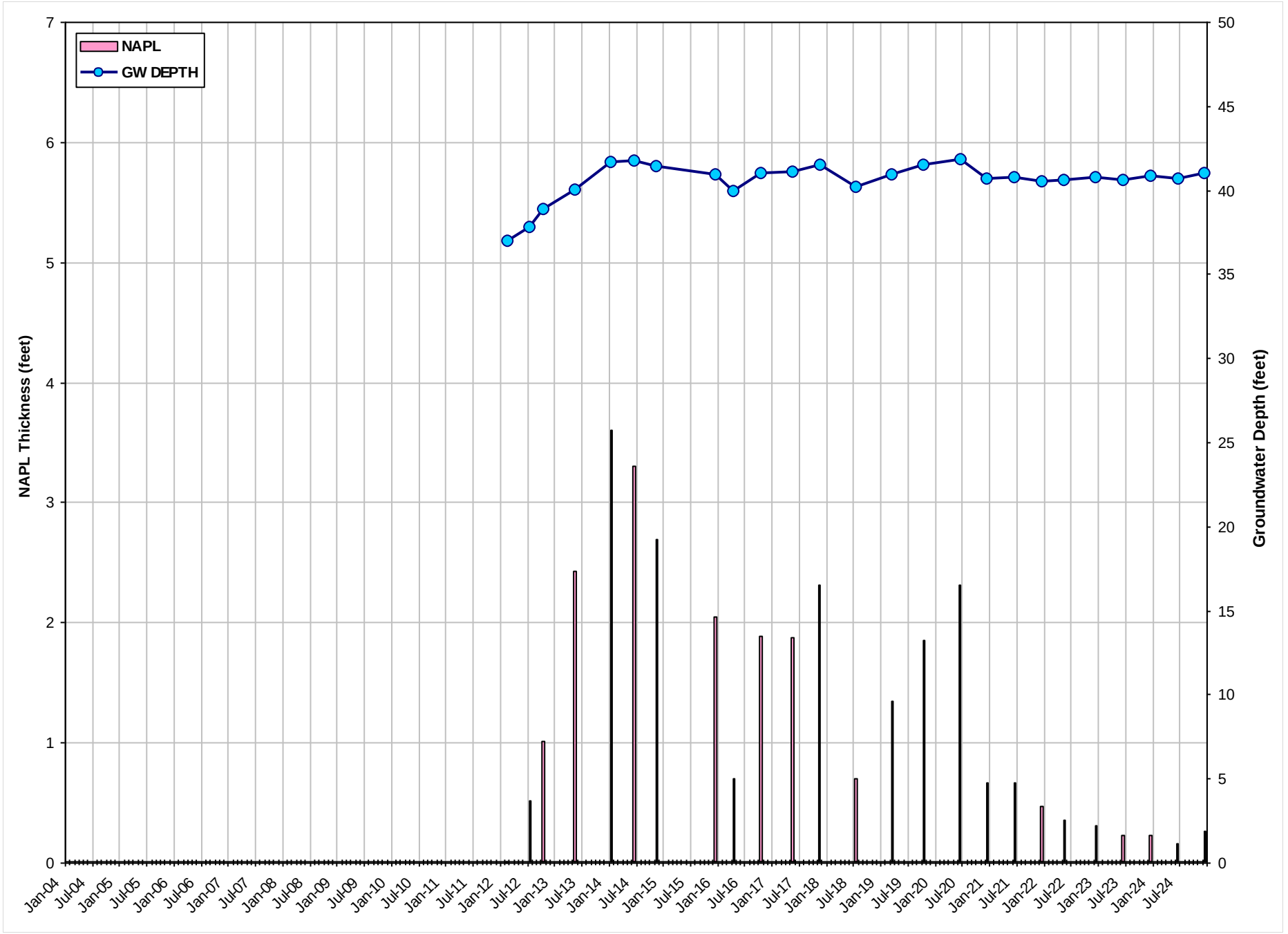
GRAPH 23
NAPL THICKNESS AND GROUNDWATER DEPTH VS. TIME - MW-23
Gladiola Station
Lea County, New Mexico



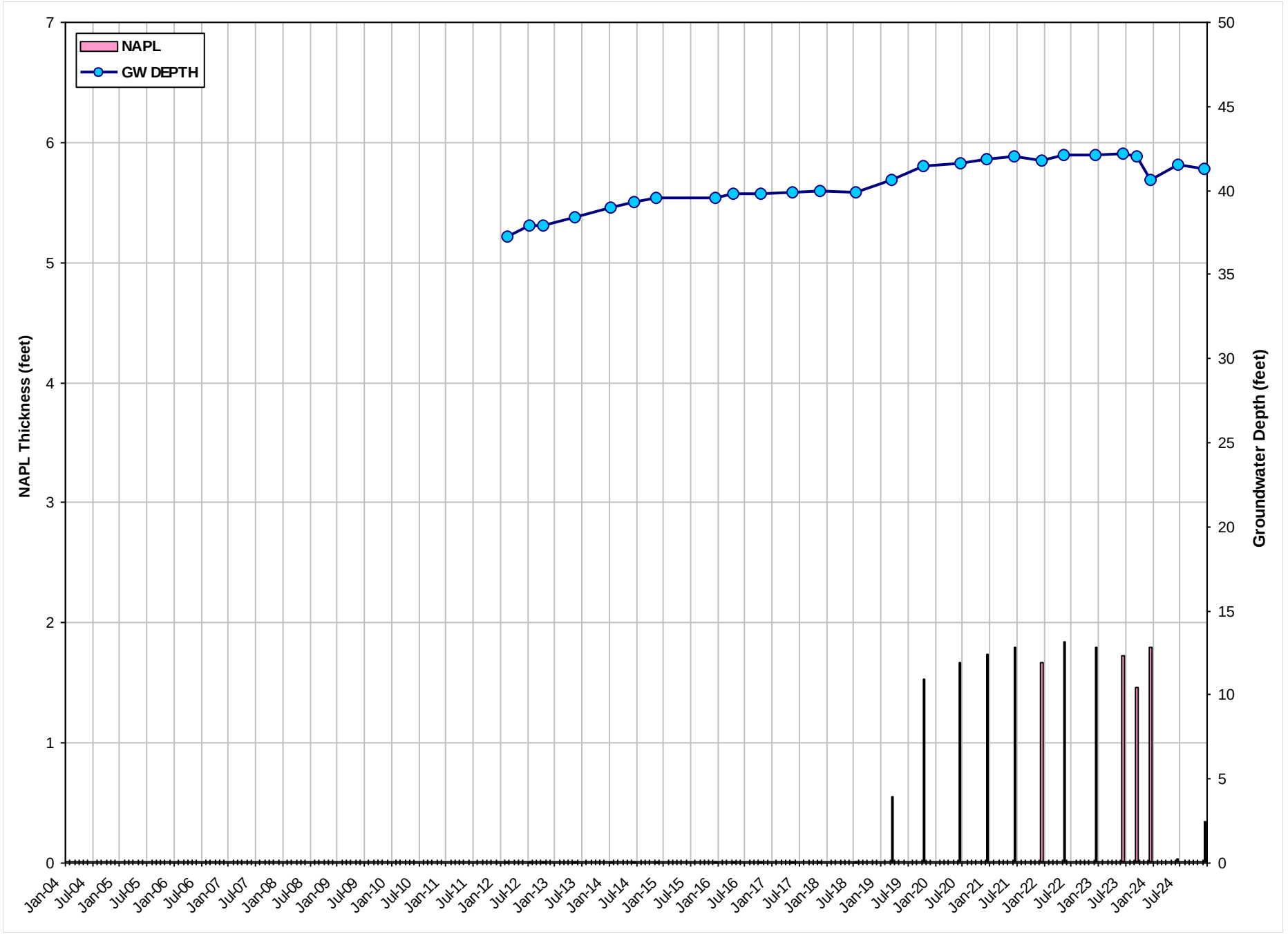
GRAPH 24
NAPL THICKNESS AND GROUNDWATER DEPTH VS. TIME - MW-24
Gladiola Station
Lea County, New Mexico



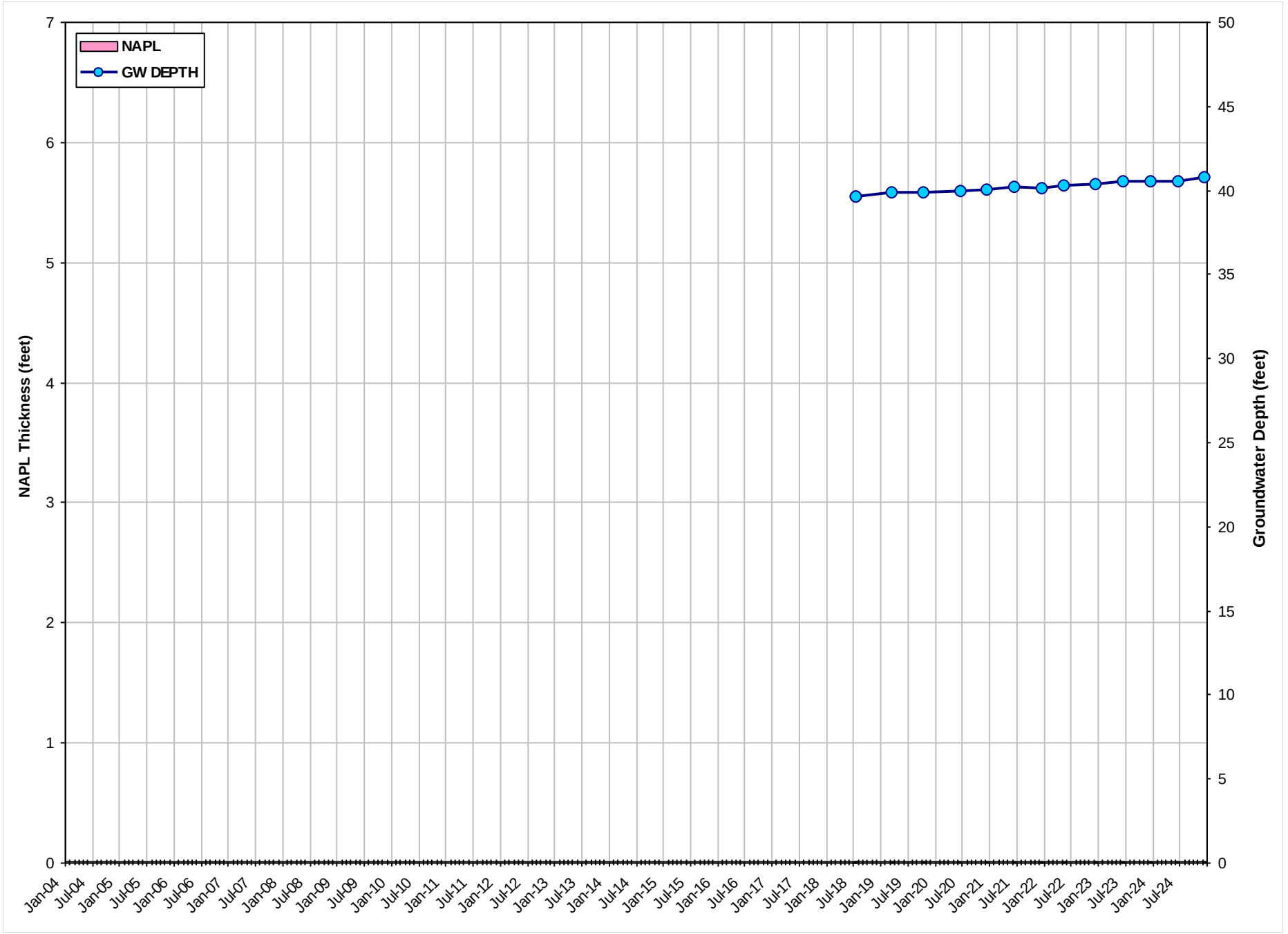
GRAPH 25
NAPL THICKNESS AND GROUNDWATER DEPTH VS. TIME - MW-25
Gladiola Station
Lea County, New Mexico



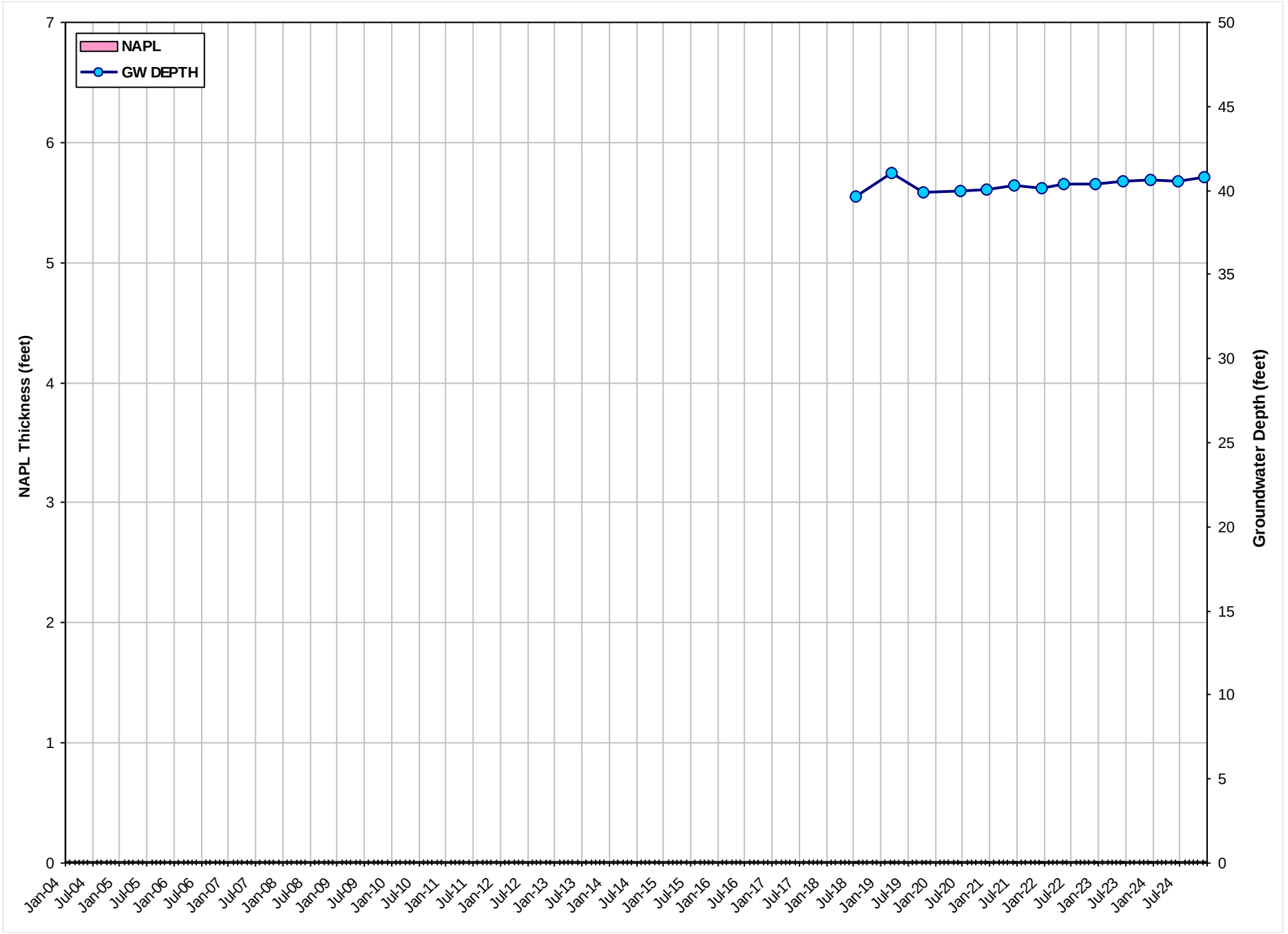
GRAPH 26
NAPL THICKNESS AND GROUNDWATER DEPTH VS. TIME - MW-26
Gladiola Station
Lea County, New Mexico



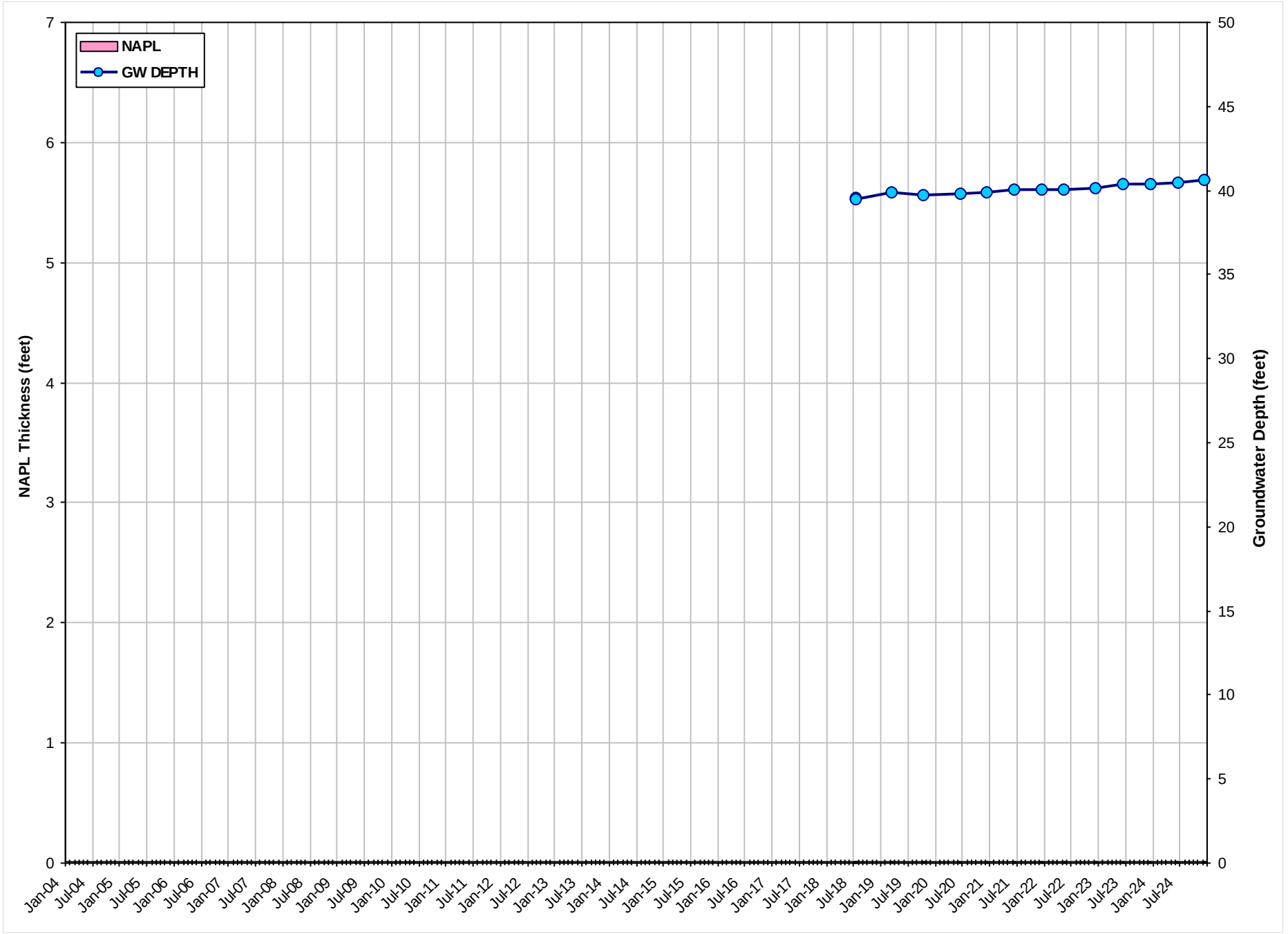
GRAPH 27
NAPL THICKNESS AND GROUNDWATER DEPTH VS. TIME - MW-27
Gladiola Station
Lea County, New Mexico



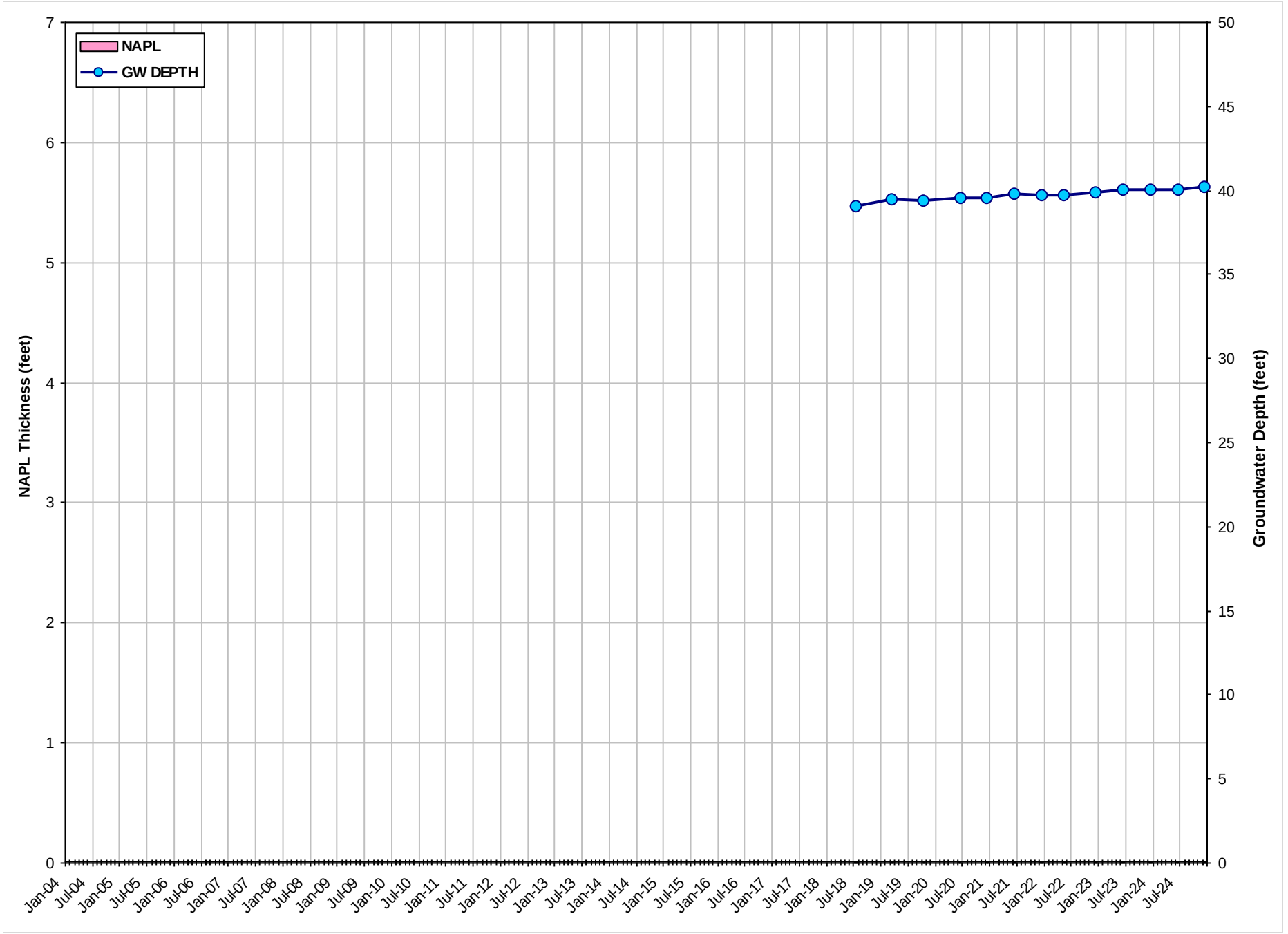
GRAPH 28
NAPL THICKNESS AND GROUNDWATER DEPTH VS. TIME - MW-28
Gladiola Station
Lea County, New Mexico



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



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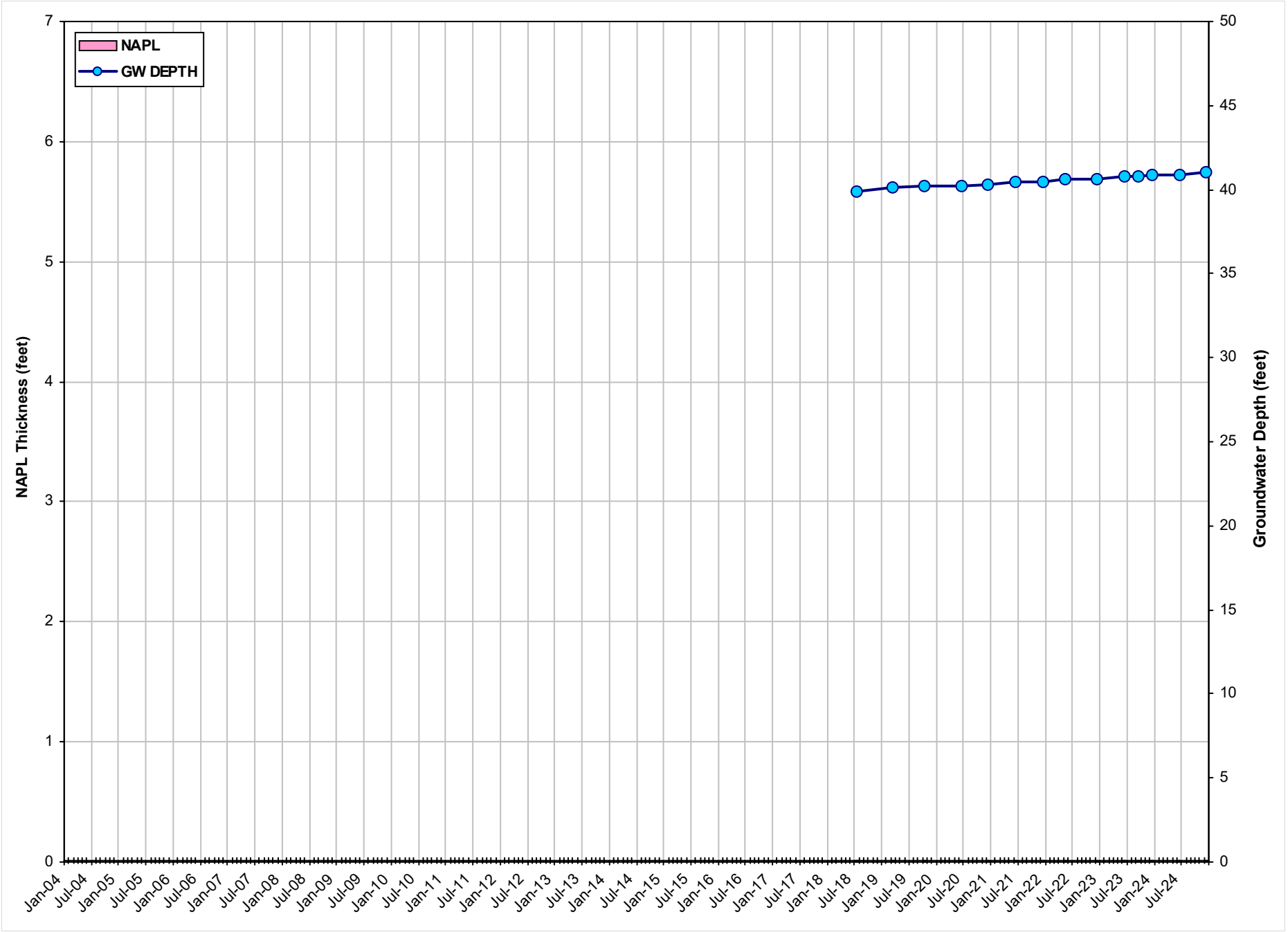
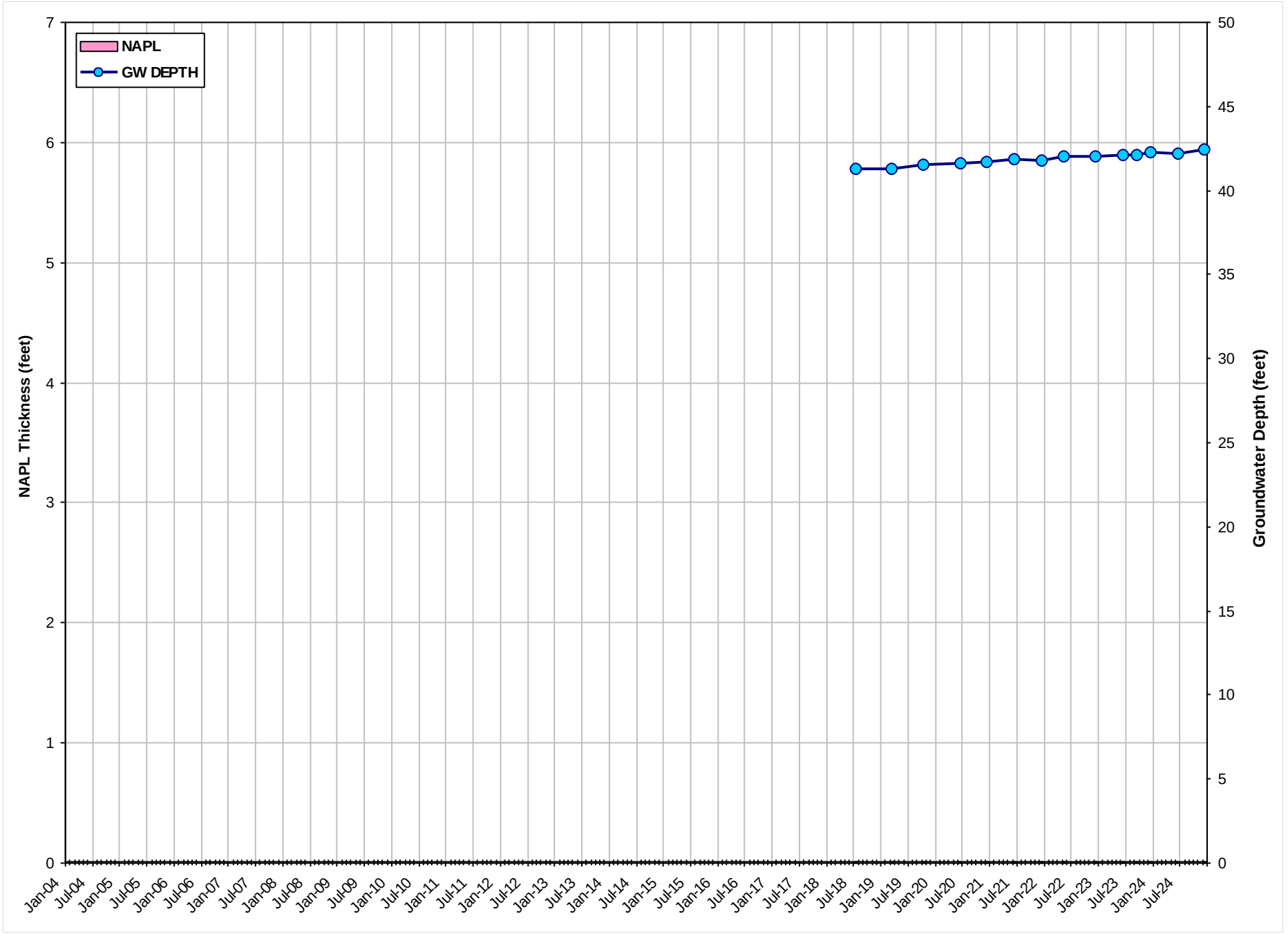
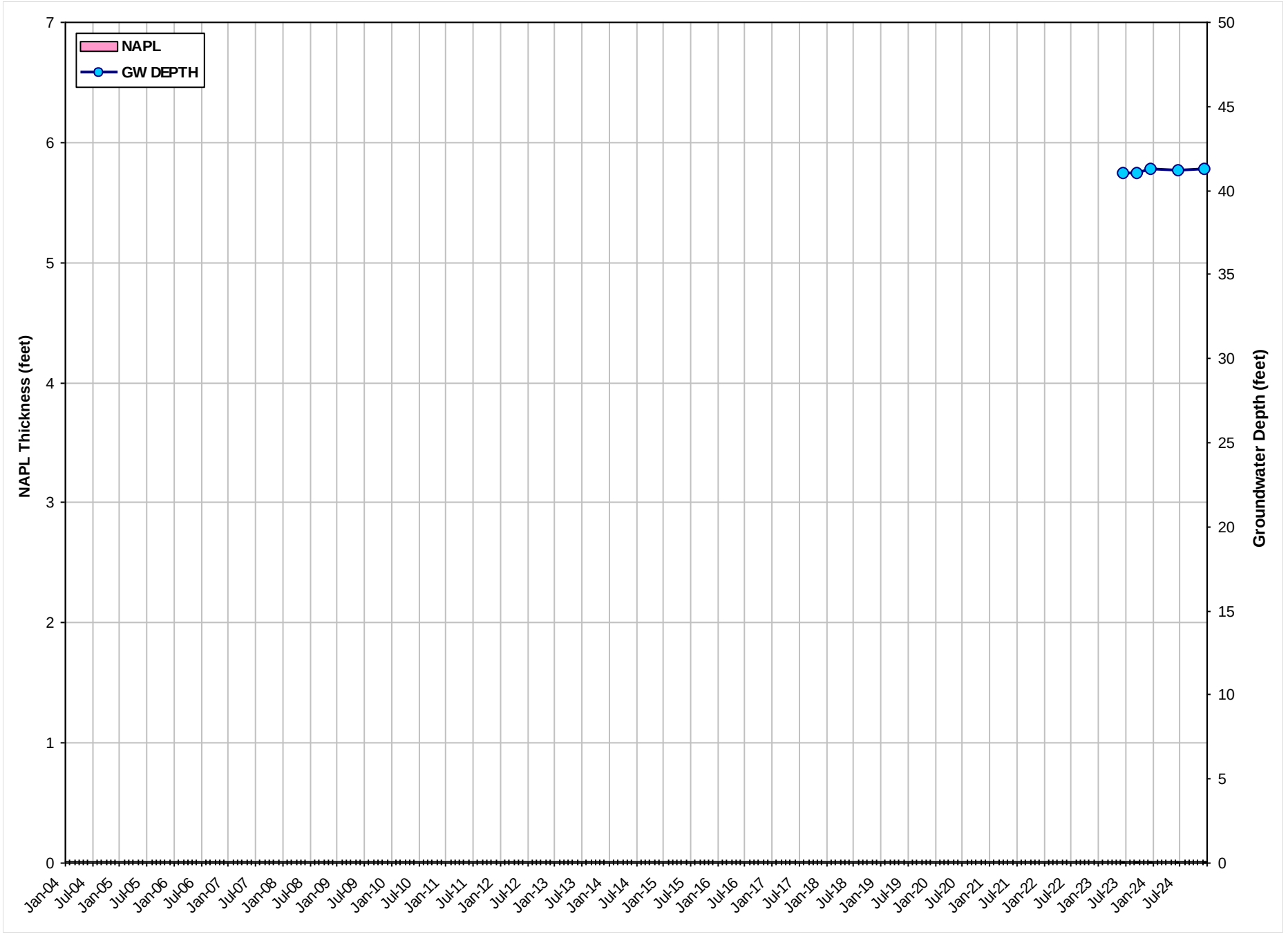
GRAPH 31
NAPL THICKNESS AND GROUNDWATER DEPTH VS. TIME - MW-31
Gladiola Station
Lea County, New Mexico



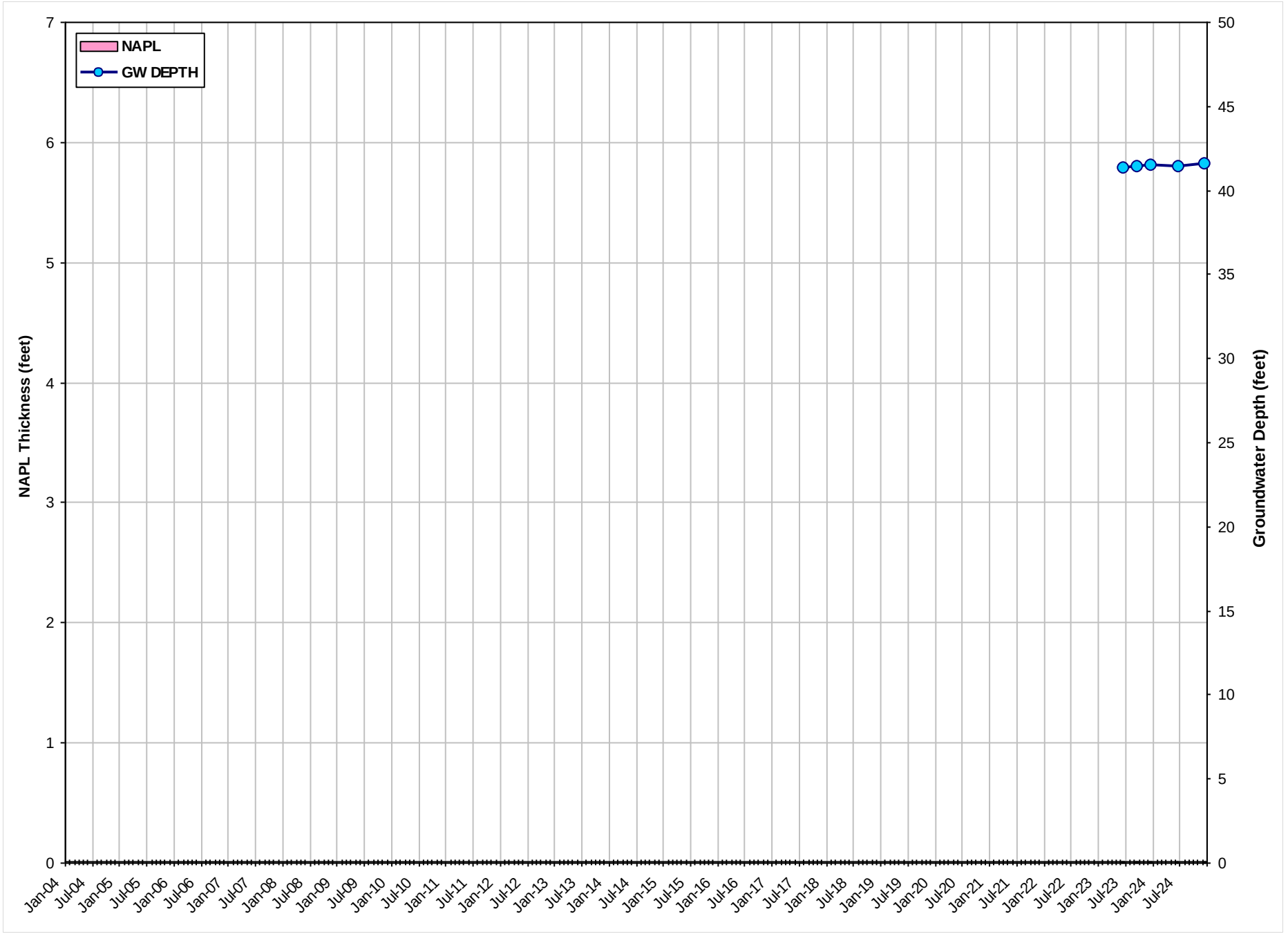
GRAPH 32
NAPL THICKNESS AND GROUNDWATER DEPTH VS. TIME - MW-32
Gladiola Station
Lea County, New Mexico



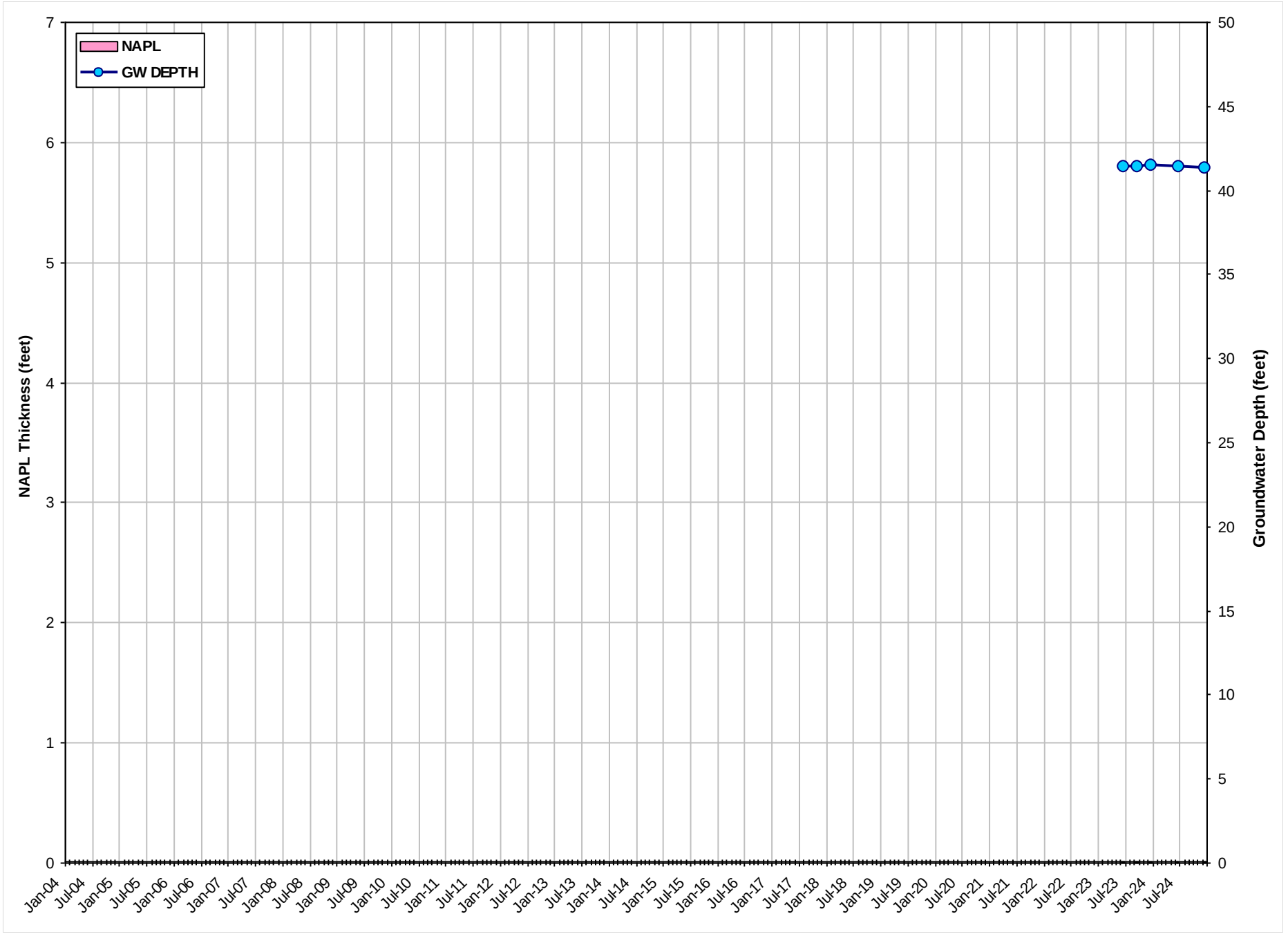
GRAPH 33
NAPL THICKNESS AND GROUNDWATER DEPTH VS. TIME - MW-33
Gladiola Station
Lea County, New Mexico



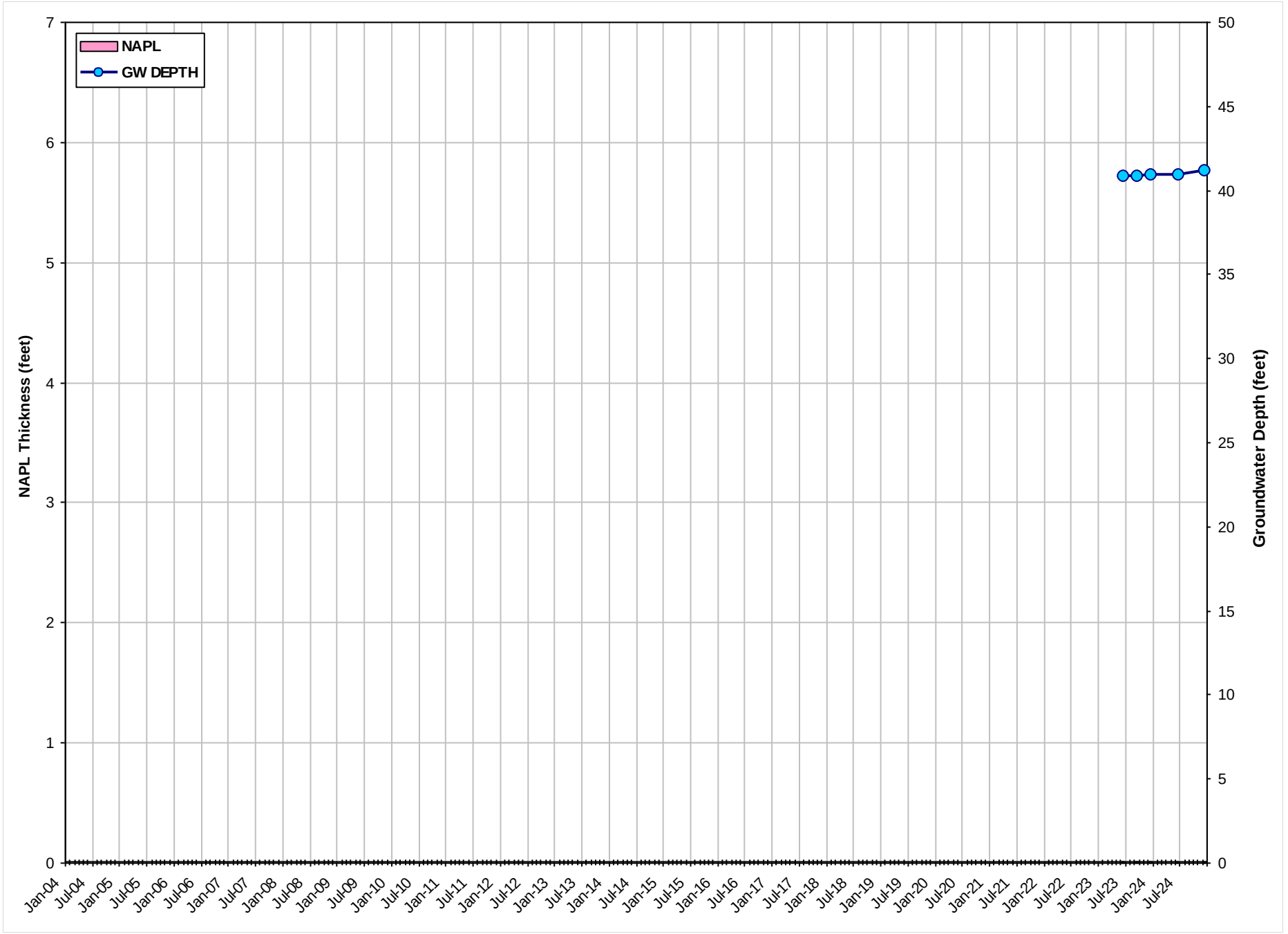
GRAPH 34
NAPL THICKNESS AND GROUNDWATER DEPTH VS. TIME - MW-34
Gladiola Station
Lea County, New Mexico



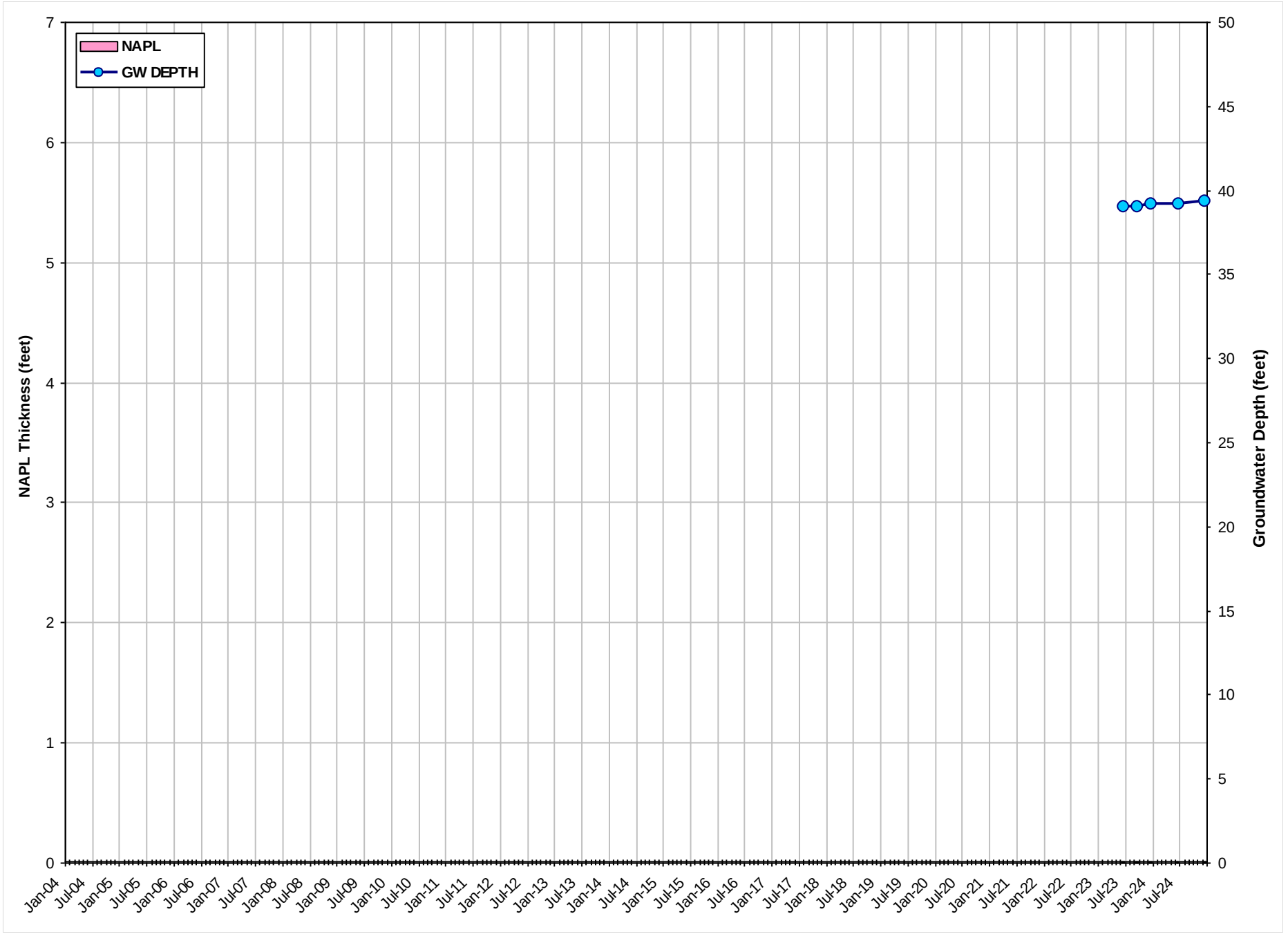
GRAPH 35
NAPL THICKNESS AND GROUNDWATER DEPTH VS. TIME - MW-35
Gladiola Station
Lea County, New Mexico



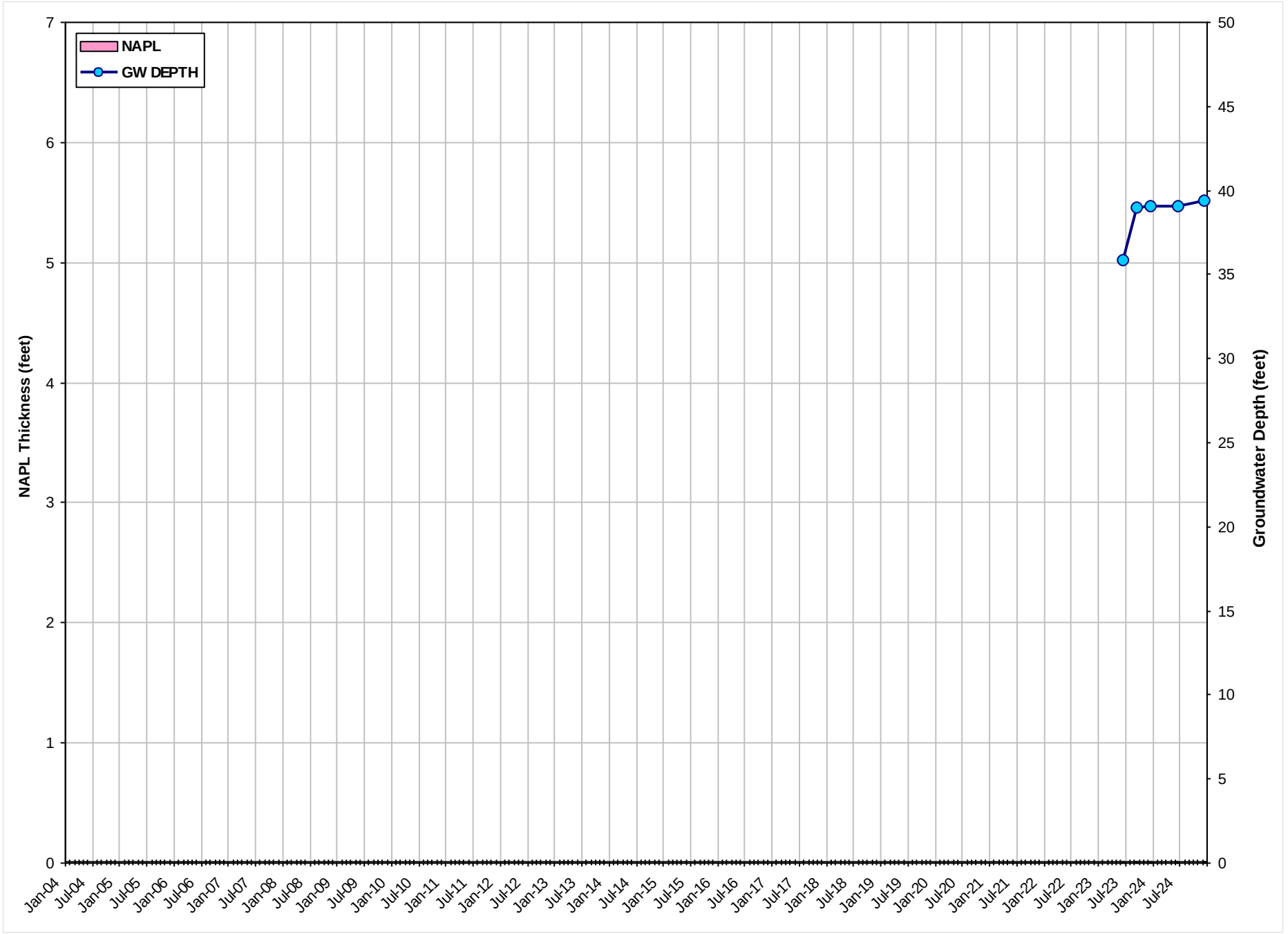
GRAPH 36
NAPL THICKNESS AND GROUNDWATER DEPTH VS. TIME - MW-36
Gladiola Station
Lea County, New Mexico



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

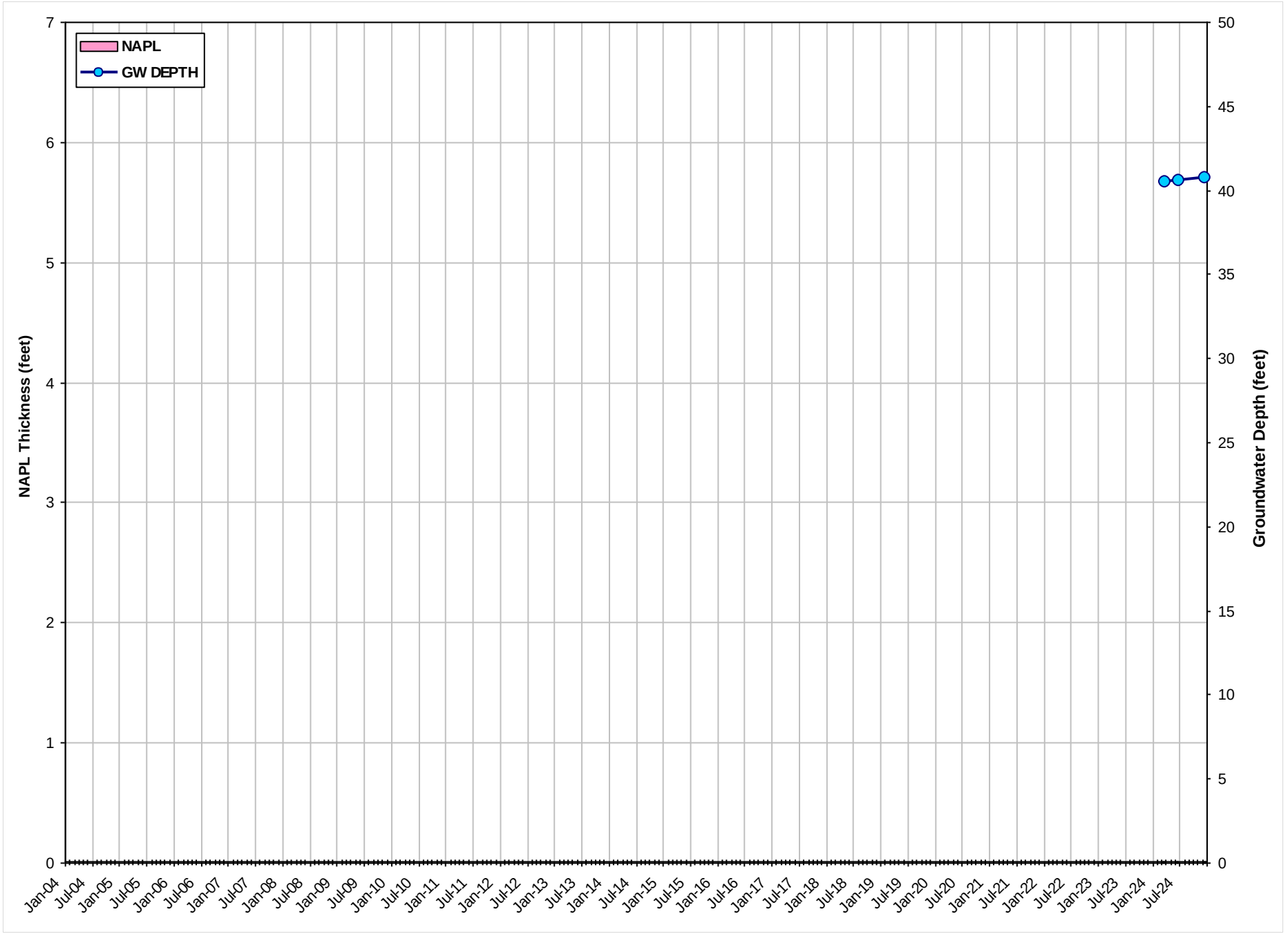


TABLE 1
WATER LEVEL MEASUREMENTS AND GROUNDWATER ANALYSES
Gladiola Station
Lea County, New Mexico

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**						
12/16/24	3866.77	38.60	3,828.34	0.20				
Field Point MW-2	**Well Screen Interval (feet):**	**27.59-47.59**						
12/16/24	3869.40	41.74	3,827.67	0.01				
Field Point MW-3	**Well Screen Interval (feet):**	**24.20-44.20**						
12/19/24	3865.34	37.05	3,828.29	0.00	**0.35**	<0.0050	0.30	<0.010
Field Point MW-4	**Well Screen Interval (feet):**	**23.97-38.97**						
12/16/24	3866.32	38.10	3,828.34	0.15				
Field Point MW-5	**Well Screen Interval (feet):**	**27.19-47.19**						
12/16/24	3868.65	40.60	3,828.43	0.46				
Field Point MW-6	**Well Screen Interval (feet):**	**27.05-42.05**						
12/19/24	3868.44	40.30	3,828.14	0.00	<0.00050	<0.00050	0.00019 J	<0.0010
Field Point MW-7	**Well Screen Interval (feet):**	**24.35-39.35**						
12/16/24	3865.76	Dry						
Field Point MW-9	**Well Screen Interval (feet):**	**27.64-42.64**						
12/16/24	3869.90	41.75	3,828.17	0.03				
Field Point MW-10	**Well Screen Interval (feet):**	**28.08-43.08**						
12/16/24	3870.47	Dry						
Field Point MW-11	**Well Screen Interval (feet):**	**29.00-44.00**						
12/17/24	3869.68	41.74	3,827.94	0.00	<0.0020	<0.0020	<0.0020	<0.0040
Field Point MW-12	**Well Screen Interval (feet):**	**30.00-45.00**						
12/16/24	3869.40	41.32	3,828.10	0.02				
Field Point MW-13	**Well Screen Interval (feet):**	**30.00-45.00**						
12/16/24	3868.76	40.59	3,828.49	0.38				
Field Point MW-14	**Well Screen Interval (feet):**	**27.00-42.00**						
12/16/24	3868.62	40.11	3,828.58	0.08				
Field Point MW-15	**Well Screen Interval (feet):**	**29.00-44.00**						
12/16/24	3868.86	40.41	3,828.47	0.03				
Field Point MW-16	**Well Screen Interval (feet):**	**26.50-41.50**						
12/16/24	3868.46	40.10	3,828.55	0.23				
Field Point MW-17	**Well Screen Interval (feet):**	**29.50-44.50**						
12/19/24	3869.27	41.22	3,828.05	0.00	**0.039**	0.0015 J	0.51	0.024
Field Point MW-18	**Well Screen Interval (feet):**	**27.00-42.00**						
12/16/24	3868.94	40.68	3,828.49	0.28				
Field Point MW-19	**Well Screen Interval (feet):**	**27.00-42.00**						
12/16/24	3868.90	40.35	3,828.62	0.08				
Field Point MW-20	**Well Screen Interval (feet):**	**29.50-44.50**						
12/16/24	3869.15	40.71	3,828.46	0.03				

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**							
12/16/24	3869.07	40.50	3,828.63	0.07				
Field Point MW-22	**Well Screen Interval (feet): 30.00-45.00**							
12/17/24	3869.86	42.01	3,827.85	0.00	<0.00050	<0.00050	<0.00050	<0.0010
Field Point MW-23	**Well Screen Interval (feet): 31.00-46.00**							
12/16/24	3869.22	40.62	3,828.61	0.01				
Field Point MW-24	**Well Screen Interval (feet): 28.00-43.00**							
12/16/24	3868.04	41.53	3,828.79	2.75				
Field Point MW-25	**Well Screen Interval (feet): 28.00-43.00**							
12/16/24	3869.14	41.02	3,828.34	0.27				
Field Point MW-26	**Well Screen Interval (feet): 30.00-45.00**							
12/16/24	3869.15	41.30	3,828.13	0.34				
Field Point MW-27	**Well Screen Interval (feet): 35.00-50.00**							
12/19/24	3869.12	40.78	3,828.34	0.00	<0.00050	<0.00050	<0.00050	<0.0010
Field Point MW-28	**Well Screen Interval (feet): 35.00-50.00**							
12/19/24	3869.32	40.77	3,828.55	0.00	<0.00050	<0.00050	<0.00050	<0.0010
Field Point MW-29	**Well Screen Interval (feet): 35.00-50.00**							
12/18/24	3869.36	40.63	3,828.73	0.00	<0.00050	<0.00050	<0.00050	<0.0010
Field Point MW-30	**Well Screen Interval (feet): 35.00-50.00**							
12/17/24	3869.10	40.25	3,828.85	0.00	<0.00050	<0.00050	<0.00050	<0.0010
Field Point MW-31	**Well Screen Interval (feet): 35.00-50.00**							
12/17/24	3869.05	41.03	3,828.02	0.00	<0.00050	<0.00050	<0.00050	<0.0010
Field Point MW-32	**Well Screen Interval (feet): 35.00-50.00**							
12/17/24	3870.19	42.47	3,827.72	0.00	0.00048 J	<0.00050	0.00027 J	<0.0010
Field Point MW-33	**Well Screen Interval (feet): 33.00-53.00**							
12/17/24	3869.17	41.25	3,827.92	0.00	<0.00050	<0.00050	<0.00050	<0.0010
Field Point MW-34	**Well Screen Interval (feet): 33.00-53.00**							
12/17/24	3869.35	41.59	3,827.76	0.00	<0.00050	<0.00050	<0.00050	<0.0010
Field Point MW-35	**Well Screen Interval (feet): 33.00-53.00**							
12/18/24	3869.00	41.36	3,827.64	0.00	<0.00050	<0.00050	<0.00050	<0.0010
Field Point MW-36	**Well Screen Interval (feet): 33.00-53.00**							
12/18/24	3869.23	41.17	3,828.06	0.00	<0.00050	<0.00050	<0.00050	<0.0010
Field Point MW-37	**Well Screen Interval (feet): 33.00-53.00**							
12/18/24	3867.91	39.43	3,828.48	0.00	<0.00050	<0.00050	<0.00050	<0.0010
Field Point MW-38	**Well Screen Interval (feet): 33.00-53.00**							
12/18/24	3867.70	39.36	3,828.34	0.00	<0.00050	<0.00050	<0.00050	<0.0010
Field Point MW-39	**Well Screen Interval (feet): 28.00-50.00**							
12/18/24	3868.69	40.80	3,827.89	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 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 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	**Well Screen Interval (feet):**		**24.20-44.20**																
12/19/24	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	0.00080 B	<0.00020	0.00058 B	<0.00020	0.033	0.021	0.026	**0.080**
Field Point MW-6	**Well Screen Interval (feet):**		**27.05-42.05**																
12/19/24	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	0.0013 B	<0.00019	0.00088 B	<0.00019	<0.00019	0.00035	<0.00019	0.00035
Field Point MW-11	**Well Screen Interval (feet):**		**29.00-44.00**																
12/17/24	<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-17	**Well Screen Interval (feet):**		**29.50-44.50**																
12/19/24	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	0.00080 B	<0.00020	0.00051 B	<0.00020	0.033	0.016	0.018	**0.067**
Field Point MW-22	**Well Screen Interval (feet):**		**30.00-45.00**																
12/17/24	<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-27	**Well Screen Interval (feet):**		**35.00-50.00**																
12/19/24	<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-28	**Well Screen Interval (feet):**		**35.00-50.00**																
12/19/24	<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-29	**Well Screen Interval (feet):**		**35.00-50.00**																
12/18/24	<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-30	**Well Screen Interval (feet):**		**35.00-50.00**																
12/17/24	<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-31	**Well Screen Interval (feet):**		**35.00-50.00**																
12/17/24	<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	<0.00021	<0.00021	<0.00021
Field Point MW-32	**Well Screen Interval (feet):**		**35.00-50.00**																
12/17/24	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	0.00025	<0.00020	<0.00020	<0.00020	<0.00020	0.00019 J	<0.00020	0.00019 J
Field Point MW-33	**Well Screen Interval (feet):**		**33.00-53.00**																
12/17/24	<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-34	**Well Screen Interval (feet):**		**33.00-53.00**																
12/17/24	<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	<0.00021	<0.00021	<0.00021
Field Point MW-35	**Well Screen Interval (feet):**		**33.00-53.00**																
12/18/24	<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-36	**Well Screen Interval (feet):**		**33.00-53.00**																
12/18/24	<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-37	**Well Screen Interval (feet):**		**33.00-53.00**																
12/18/24	<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-38	**Well Screen Interval (feet):**		**33.00-53.00**																
12/18/24	<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-39	**Well Screen Interval (feet):**		**28.00-50.00**																
12/18/24	<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	<0.00021	<0.00021	<0.00021

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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).
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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.
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.

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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	**Well Screen Interval (feet): 24.20-44.20**																										
12/19/24		**0.0220 J**	**8.63**		<0.0100	0.00610 J			<0.0500	<0.000200			<0.0500	<0.0100								19					**1480**
Field Point MW-6	**Well Screen Interval (feet): 27.05-42.05**																										
12/19/24		**0.0222 J**	0.530		<0.0100	**0.0205 J**			0.00840 J	0.000159 J			<0.0500	<0.0100								2.3					561
Field Point MW-11	**Well Screen Interval (feet): 29.00-44.00**																										
12/17/24		<0.100	0.0396		<0.0100	<0.0500			<0.0500	<0.000200			<0.0500	<0.0100								160					897
Field Point MW-17	**Well Screen Interval (feet): 29.50-44.50**																										
12/19/24		<0.100	**10.9**		<0.0100	<0.0500			<0.0500	<0.000200			<0.0500	<0.0100								6.6					**1060**
Field Point MW-22	**Well Screen Interval (feet): 30.00-45.00**																										
12/17/24		<0.100	0.0216		<0.0100	<0.0500			0.00590 J	<0.000200			<0.0500	<0.0100								29					637
Field Point MW-27	**Well Screen Interval (feet): 35.00-50.00**																										
12/19/24		<0.100	0.0474		<0.0100	<0.0500			0.00600 J	<0.000200			<0.0500	<0.0100								**290**					**1140**
Field Point MW-28	**Well Screen Interval (feet): 35.00-50.00**																										
12/19/24		<0.100	0.0400		<0.0100	<0.0500			<0.0500	<0.000200			<0.0500	<0.0100								170					**1150**
Field Point MW-29	**Well Screen Interval (feet): 35.00-50.00**																										
12/18/24		<0.100	0.0401		<0.0100	<0.0500			<0.0500	<0.000200			<0.0500	<0.0100								120					686
Field Point MW-30	**Well Screen Interval (feet): 35.00-50.00**																										
12/17/24		<0.100	0.0412		<0.0100	<0.0500			<0.0500	<0.000200			<0.0500	<0.0100								80					604
Field Point MW-31	**Well Screen Interval (feet): 35.00-50.00**																										
12/17/24		<0.100	0.538		<0.0100	<0.0500			<0.0500	<0.000200			<0.0500	<0.0100								56					655
Field Point MW-32	**Well Screen Interval (feet): 35.00-50.00**																										
12/17/24		<0.100	0.265		<0.0100	<0.0500			<0.0500	<0.000200			<0.0500	<0.0100								25					624
Field Point MW-33	**Well Screen Interval (feet): 33.00-53.00**																										
12/17/24		<0.100	0.511		<0.0100	0.0145 J			<0.0500	<0.000200			<0.0500	<0.0100								210					938
Field Point MW-34	**Well Screen Interval (feet): 33.00-53.00**																										
12/17/24		<0.100	0.218		<0.0100	0.00630 J			<0.0500	<0.000200			<0.0500	<0.0100								76					651
Field Point MW-35	**Well Screen Interval (feet): 33.00-53.00**																										
12/18/24		<0.100	0.155		<0.0100	**0.0216 J**			<0.0500	<0.000200			<0.0500	<0.0100								230					953
Field Point MW-36	**Well Screen Interval (feet): 33.00-53.00**																										
12/18/24		<0.100	0.0624		<0.0100	**0.0420 J**			<0.0500	<0.000200			<0.0500	<0.0100								**270**					**1020**
Field Point MW-37	**Well Screen Interval (feet): 33.00-53.00**																										
12/18/24		<0.100	0.143		<0.0100	0.0138 J			0.00590 J	<0.000200			<0.0500	<0.0100								170					748
Field Point MW-38	**Well Screen Interval (feet): 33.00-53.00**																										
12/18/24		<0.100	0.205		<0.0100	0.0135 J			0.00660 J	<0.000200			<0.0500	<0.0100								**390**					**1230**
Field Point MW-39	**Well Screen Interval (feet): 28.00-50.00**																										
12/18/24		<0.100	0.0601		<0.0100	0.00420 J			<0.0500	<0.000200			<0.0500	<0.0100								100					630

Received by OCD: 7/3/2025 10:32:14 AM

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).
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.

Released to Imaging: 9/11/2025 7:14:26 AM

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	3828.54	0.14				
12/16/24	3866.77	38.60	3,828.34	0.20				
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							

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**							
09/26/08	3867.89	38.97	3833.94	6.05	2.57	2.66	0.504	1.210
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	3827.87	0.08				
12/16/24	3869.40	41.74	3,827.67	0.01				
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				

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**							
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.			
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	3828.47	0.00	0.36	<0.0050	0.34	<0.010
12/19/24	3865.34	37.05	3,828.29	0.00	0.35	<0.0050	0.30	<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				

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**							
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				
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	3828.52	0.14				
12/16/24	3866.32	38.10	3,828.34	0.15				
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				

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Gladiola Station
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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**							
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				
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	3828.67	0.32				
12/16/24	3868.65	40.60	3,828.43	0.46				
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				

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-6	**Well Screen Interval (feet): 27.05-42.05**							
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	3828.12	0.00	(g)	(g)	(g)	(g)
12/19/24	3868.44	40.30	3,828.14	0.00	<0.00050	<0.00050	0.00019 J	<0.0010
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						
12/16/24	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

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**							
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				
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.			

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-9	**Well Screen Interval (feet): 27.64-42.64**							
12/05/23	3869.90	41.58	3828.33	0.01				
06/02/24	3869.90	41.60	3828.31	0.01				
12/16/24	3869.90	41.75	3,828.17	0.03				
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
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	3828.07	0.00	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-10	**Well Screen Interval (feet): 28.08-43.08**							
12/16/24	3870.47	Dry						
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
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	3827.85	0.00	<0.0020	<0.0020	<0.0020	<0.0040

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**							
12/17/24	3869.68	41.74	3,827.94	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
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	3828.29	0.04				
12/16/24	3869.40	41.32	3,828.10	0.02				
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				

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**							
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				
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	3828.78	0.45				
12/16/24	3868.76	40.59	3,828.49	0.38				
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				

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-14	**Well Screen Interval (feet): 27.00-42.00**							
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	3828.76	0.11				
12/16/24	3868.62	40.11	3,828.58	0.08				
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	3828.43	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-15	**Well Screen Interval (feet): 29.00-44.00**							
12/16/24	3868.86	40.41	3,828.47	0.03				
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				
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	3828.67	0.25				
12/16/24	3868.46	40.10	3,828.55	0.23				
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				

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**							
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				
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	3828.24	0.00	0.057	<0.0050	0.64	<0.010
12/19/24	3869.27	41.22	3,828.05	0.00	0.039	0.0015 J	0.51	0.024
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				

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-18	**Well Screen Interval (feet): 27.00-42.00**							
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	3828.73	0.50				
12/16/24	3868.94	40.68	3,828.49	0.28				
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
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				

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**							
12/07/23	3868.90	40.03	3828.94	0.08				
06/01/24	3868.90	40.17	3828.80	0.08				
12/16/24	3868.90	40.35	3,828.62	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				
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	3828.68	0.05				
12/16/24	3869.15	40.71	3,828.46	0.03				
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

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-21	**Well Screen Interval (feet): 29.50-44.50**							
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	3828.85	0.05				
12/16/24	3869.07	40.50	3,828.63	0.07				
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
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				

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**							
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	3828.02	0.00	0.00072	<0.00050	<0.00050	<0.0010
12/17/24	3869.86	42.01	3,827.85	0.00	<0.00050	<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
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	3828.82	0.01				
12/16/24	3869.22	40.62	3,828.61	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				

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-24	**Well Screen Interval (feet): 28.00-43.00**							
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	3828.56	1.46				
12/16/24	3868.04	41.53	3,828.79	2.75				
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				
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	3828.57	0.16				
12/16/24	3869.14	41.02	3,828.34	0.27				

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**							
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				
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	3827.66	0.04				
12/16/24	3869.15	41.30	3,828.13	0.34				
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

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-27	**Well Screen Interval (feet): 35.00-50.00**							
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	3828.56	0.00	<0.00050	<0.00050	<0.00050	<0.0010
12/19/24	3869.12	40.78	3,828.34	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
06/04/24	3869.32	40.58	3828.74	0.00	<0.00050	<0.00050	<0.00050	<0.0010
12/19/24	3869.32	40.77	3,828.55	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.			

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-29	**Well Screen Interval (feet): 35.00-50.00**							
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	3828.91	0.00	<0.00050	<0.00050	<0.00050	<0.0010
12/18/24	3869.36	40.63	3,828.73	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	3829.01	0.00	<0.00050	<0.00050	<0.00050	<0.0010
12/17/24	3869.10	40.25	3,828.85	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
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

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**							
06/03/24	3869.05	40.86	3828.19	0.00	<0.00050	<0.00050	<0.00050	<0.0010
12/17/24	3869.05	41.03	3,828.02	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	3828.00	0.00	0.00055	<0.00050	<0.00050	<0.0010
12/17/24	3870.19	42.47	3,827.72	0.00	0.00048 J	<0.00050	0.00027 J	<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	3827.98	0.00	<0.00050	<0.00050	<0.00050	<0.0010
12/17/24	3869.17	41.25	3,827.92	0.00	<0.00050	<0.00050	<0.00050	<0.0010
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	3827.91	0.00	<0.00050	<0.00050	<0.00050	<0.0010
12/17/24	3869.35	41.59	3,827.76	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	3827.54	0.00	<0.00050	<0.00050	<0.00050	<0.0010
12/18/24	3869.00	41.36	3,827.64	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

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-36	**Well Screen Interval (feet): 33.00-53.00**							
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	3828.25	0.00	<0.00050	<0.00050	<0.00050	<0.0010
12/18/24	3869.23	41.17	3,828.06	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	3828.71	0.00	<0.00050	<0.00050	<0.00050	<0.0010
12/18/24	3867.91	39.43	3,828.48	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	3828.60	0.00	<0.00050	<0.00050	<0.00050	<0.0010
12/18/24	3867.70	39.36	3,828.34	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	3828.13	0.00	(g)	(g)	(g)	(g)
06/03/24	3868.69	40.60	3828.09	0.00	<0.00050	<0.00050	<0.00050	<0.0010
12/18/24	3868.69	40.80	3,827.89	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**
12/19/24	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	0.00080 B	<0.00020	0.00058 B	<0.00020	0.033	0.021	0.026	**0.080**
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**

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**																			
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**
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	<0.0.000196	<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				
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
12/19/24	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	0.0013 B	<0.00019	0.00088 B	<0.00019	<0.00019	0.00035	<0.00019	0.00035

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
12/17/24		<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 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**																		
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**
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

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-16	**Well Screen Interval (feet): 26.50-41.50**																		
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
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**
12/19/24	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	0.00080 B	<0.00020	0.00051 B	<0.00020	0.033	0.016	0.018	**0.067**
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

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-19 **Well Screen Interval (feet): 27.00-42.00**																			
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
06/24/20	0.000019 J	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	0.00033	<0.00019	0.00012 J	<0.00019	0.00013 J	0.00013 J	0.000072 J	0.000332
12/15/20	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	0.00040	<0.00019	0.00020	<0.00019	0.00058	0.0028	0.00030	0.00368
Field Point MW-20 **Well Screen Interval (feet): 29.50-44.50**																			
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	<0.000952	<0.00476	<0.000952	<0.000190	<0.0000952	<0.0000952	<0.000190	<0.000133	<0.0000952	<0.000190	<0.000190	<0.000476	<0.000190	<0.000476	<0.000190	<0.000952 (c)	<0.000952	<0.000952	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	<0.000099	<0.000099	<0.000099	<0.000099	<0.000099	<0.000099	<0.000099	<0.000099
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	<0.000943	<0.000943	<0.000943	<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	<0.00189	<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	<0.0000188	<0.0000188	<0.0000282	<0.0000282
06/18/14	<0.0000192	<0.0000288	<0.0000288	<0.0000192	<0.0000192	<0.0000192	<0.0000192	<0.0000192	<0.0000192	<0.0000192	<0.0000288	<0.0000192	<0.0000192	<0.0000288	<0.0000192	0.000265 B	<0.0000192	<0.0000288	0.000265 B
11/18/14	<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
Field Point MW-21 **Well Screen Interval (feet): 29.50-44.50**																			
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)	0.00156	<0.000980	0.00156
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	<0.000200	<0.00100 (c)	<0.00100	<0.00100	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	<0.000099	<0.000099	<0.000099	<0.000099	<0.000099	<0.000099	<0.000099	<0.00009
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	<0.0000190	<0.0000284	<0.0000284	<0.0000190	<0.0000190	<0.0000190	<0.0000190	<0.0000190	<0.0000190	<0.0000190	<0.0000284	<0.0000190	<0.0000190	<0.0000284	<0.0000190	0.000155 B	<0.000019	<0.0000284	0.000155 B
11/18/14	<0.000094	<0.000094	<0.000094	<0.000094	<0.000094	<0.000094	<0.000094	<0.000094	<0.000094	<0.000094	<0.000094	<0.000094	<0.000094	<0.000094	<0.000094	<0.000094	<0.000094	<0.000094	<0.000094
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
Field Point MW-22 **Well Screen Interval (feet): 30.00-45.00**																			
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	<0.0001	<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
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	<0.00190	<0.00190	<0.00190	<0.00190
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	0.0000541 J	<0.0000188	<0.0000188	<0.0000188	<0.0000282	<0.0000188
06/18/14	<0.0000194	<0.0000291	<0.0000291	<0.0000194	<0.0000194	<0.0000194	<0.0000194	<0.0000194	<0.0000194	<0.0000194	<0.0000291	<0.0000194	<0.0000191	<0.0000291	<0.0000194	0.000278 B	<0.0000194	<0.0000291	0.000278 B
11/19/14	<0.000097	<0.000097	<0.000097	<0.000097	<0.000097	<0.000097	<0.000097	<0.000097	<0.000097	<0.000097	<0.000097	<0.000097	<0.000097	<0.000097	<0.000097	<0.000097	<0.000097	<0.000097	<0.000097
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

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**																			
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	<0.00020	<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
12/17/24	<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

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-26	**Well Screen Interval (feet): 30.00-45.00**																		
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
Field Point MW-27	**Well Screen Interval (feet): 35.00-50.00**																		
07/19/18	<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
10/02/19	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019
06/24/20	<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
12/15/20	<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
06/30/21	<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	<0.00020	<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
06/24/22	<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	<0.00020	<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
06/20/23	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019
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	<0.00019	<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
12/19/24	<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-28	**Well Screen Interval (feet): 35.00-50.00**																		
07/19/18	<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
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	<0.00019	<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	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019
06/24/20	<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
12/15/20	<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
06/30/21	<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	<0.00020	<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
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
12/29/22	<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
06/20/23	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<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	<0.00019	<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
12/19/24	<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-29	**Well Screen Interval (feet): 35.00-50.00**																		
07/19/18	<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	<0.00019	<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	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019
06/24/20	<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
12/15/20	<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
06/30/21	<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	<0.00020	<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
05/24/22	<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

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-29	**Well Screen Interval (feet): 35.00-50.00**																		
12/29/22	<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
06/20/23	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<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	<0.00019	<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
12/18/24	<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-30	**Well Screen Interval (feet): 35.00-50.00**																		
07/19/18	<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
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	<0.00019	<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	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019
06/24/20	<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
12/15/20	<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
06/30/21	<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	<0.00020	<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
05/24/22	<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	<0.00020	<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
06/20/23	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019
12/06/23	<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
06/03/24	<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
12/17/24	<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-31	**Well Screen Interval (feet): 35.00-50.00**																		
07/19/18	<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	0.00048	<0.00020	0.000075 J	<0.00020	0.00017 J	0.00052	0.00018 J	0.00070
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	0.00024	<0.00019	0.000032 J	<0.00019	0.000079 J	0.00026	0.000093 J	0.000432
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	<0.00019	<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
12/22/21	<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
05/25/22	<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
06/03/24	<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	<0.00021	<0.00021	<0.00021
12/17/24	<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	<0.00021	<0.00021	<0.00021
Field Point MW-32	**Well Screen Interval (feet): 35.00-50.00**																		
07/19/18	<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
03/06/19	0.00010 J	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	0.00056	<0.00020	<0.00020	<0.00020	0.00069	0.00071	0.00014 J	0.00085
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	0.00052	<0.00019	0.0000059 J	<0.00019	0.00014 J	0.00011 J	0.000016 J	0.000266
06/24/20	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	0.00063	<0.00019	0.000015 J	<0.00019	0.00026	0.00013 J	0.000019 J	0.000409
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	0.00033	<0.00019	<0.00019	<0.00019	0.00022	0.00043	<0.00019	0.00065
06/30/21	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	0.00039	<0.00019	<0.00019	<0.00019	0.00029	0.00080	0.00023	0.00132

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-32	**Well Screen Interval (feet): 35.00-50.00**																		
12/21/21	<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
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	0.00053	<0.00019	<0.00019	<0.00019	<0.00019	0.00050	<0.00019	0.00050
12/29/22	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	0.00055	<0.00019	0.00012 J	<0.00019	0.0015	0.0013	0.00091	0.00371
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	0.00040	<0.00019	<0.00019	<0.00019	<0.00019	0.00020	<0.00019	0.00020
06/22/23	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	0.00034	<0.00019	<0.00019	<0.00019	<0.00019	0.00019	<0.00019	0.00019
12/05/23	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	0.00030	<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	0.00036	<0.00020	<0.00020	<0.00020	<0.00020	0.000078 J	<0.00020	0.000078 J
12/17/24	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	0.00025	<0.00020	<0.00020	<0.00020	<0.00020	0.00019 J	<0.00020	0.00019 J
Field Point MW-33	**Well Screen Interval (feet): 33.00-53.00**																		
06/22/23	<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
09/06/23	<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
12/05/23	<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
06/03/24	<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
12/17/24	<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-34	**Well Screen Interval (feet): 33.00-53.00**																		
06/22/23	<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
09/06/23	<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
12/05/23	<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
06/03/24	<0.00019	<0.00019	0.000081 J	<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
12/17/24	<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	<0.00021	<0.00021	<0.00021
Field Point MW-35	**Well Screen Interval (feet): 33.00-53.00**																		
06/22/23	<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
09/06/23	<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
12/05/23	<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
06/03/24	<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	<0.00021	<0.00021	<0.00021
12/18/24	<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-36	**Well Screen Interval (feet): 33.00-53.00**																		
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	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019
09/06/23	<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
12/05/23	<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
06/03/24	<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
12/18/24	<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-37	**Well Screen Interval (feet): 33.00-53.00**																		
06/23/23	<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
09/06/23	<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
12/06/23	<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
06/03/24	<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
12/18/24	<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 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-38	**Well Screen Interval (feet): 33.00-53.00**																		
06/22/23	<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
09/06/23	<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
12/06/23	<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
06/03/24	<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
12/18/24	<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-39	**Well Screen Interval (feet): 28.00-50.00**																		
03/28/24	<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
06/03/24	<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
12/18/24	<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	<0.00021	<0.00021	<0.00021
Field Point SB-1GW	**Grab Groundwater Sample**																		
10/28/11	<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	0.000452	<0.0000962	0.000115	0.000462	0.000144	0.000721
Field Point SB-2GW	**Grab Groundwater Sample**																		
10/28/11	<0.0000971	<0.0000971	<0.0000971	<0.0000971	<0.0000971	<0.0000971	<0.0000971	<0.0000971	<0.0000971	<0.0000971	<0.0000971	0.00034	<0.0000971	0.000359	<0.0000971	0.00922	0.00625	0.00883	0.0243
Field Point SB-3GW	**Grab Groundwater Sample**																		
10/28/11	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	**Grab Groundwater Sample**																		
10/28/11	<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	**Grab Groundwater Sample**																		
10/28/11	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	**Grab Groundwater Sample**																		
10/28/11	<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	0.000505	0.000291	0.000437	0.001233
Field Point SB-7GW	**Grab Groundwater Sample**																		
10/28/11	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

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TABLE 5
CUMULATIVE 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.

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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-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**
12/19/24		**0.0220 J**	**8.63**		<0.0100	0.00610 J			<0.0500	<0.000200			<0.0500	<0.0100								19					**1480**
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**

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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-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
12/19/24		**0.0222 J**	0.530		<0.0100	**0.0205 J**			0.00840 J	0.000159 J			<0.0500	<0.0100								2.3					561

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**

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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-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													

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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-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
12/17/24		<0.100	0.0396		<0.0100	<0.0500			<0.0500	<0.000200			<0.0500	<0.0100								160					897
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

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-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	
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	

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-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
12/19/24		<0.100	**10.9**		<0.0100	<0.0500			<0.0500	<0.000200			<0.0500	<0.0100								6.6					**1060**
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

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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-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**
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

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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-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
12/17/24		<0.100	0.0216		<0.0100	<0.0500			0.00590 J	<0.000200			<0.0500	<0.0100								29					637
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													

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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-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**
12/19/24		<0.100	0.0474		<0.0100	<0.0500			0.00600 J	<0.000200			<0.0500	<0.0100								**290**					**1140**
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**
12/19/24		<0.100	0.0400		<0.0100	<0.0500			<0.0500	<0.000200			<0.0500	<0.0100								170					**1150**

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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-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
12/18/24		<0.100	0.0401		<0.0100	<0.0500			<0.0500	<0.000200			<0.0500	<0.0100								120					686
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
12/17/24		<0.100	0.0412		<0.0100	<0.0500			<0.0500	<0.000200			<0.0500	<0.0100								80					604
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
12/17/24		<0.100	0.538		<0.0100	<0.0500			<0.0500	<0.000200			<0.0500	<0.0100								56					655

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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-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
12/17/24		<0.100	0.265		<0.0100	<0.0500			<0.0500	<0.000200			<0.0500	<0.0100								25					624
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**
12/17/24		<0.100	0.511		<0.0100	0.0145 J			<0.0500	<0.000200			<0.0500	<0.0100								210					938
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
12/17/24		<0.100	0.218		<0.0100	0.00630 J			<0.0500	<0.000200			<0.0500	<0.0100								76					651
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
12/18/24		<0.100	0.155		<0.0100	**0.0216 J**			<0.0500	<0.000200			<0.0500	<0.0100								230					953
Field Point MW-36 **Well Screen Interval (feet): 33.00-53.00**																											
06/20/23		<0.100	0.0683		<0.0100	<0.0500			<0.0500	<0.000200			<0.0500	<0.0100				147				**312**					**1050**
09/06/23		<0.100	0.0805		<0.0100	<0.0500			<0.0500	<0.000200			<0.0500	<0.0100				174				**284**					**1080**
12/05/23	<0.100	<0.100	0.0539	<0.0100	<0.0100	0.00720 J	<0.0500	<0.0500	<0.0500	<0.000200	0.00700 J	<0.0500	<0.0500	<0.0100	<0.0500	0.0410	<0.250	166		0.66		**268**				140	938
06/03/24		<0.100	0.0496		<0.0100	<0.0500			<0.0500	<0.000200			<0.0500	<0.0100				162	162	0.73	129	**275**	37.2	3.05	128 B	140	932
12/18/24		<0.100	0.0624		<0.0100	**0.0420 J**			<0.0500	<0.000200			<0.0500	<0.0100								**270**					**1020**
Field Point MW-37 **Well Screen Interval (feet): 33.00-53.00**																											
06/23/23		<0.100	0.0627		<0.0100	0.00570 J			<0.0500	<0.000200			<0.0500	<0.0100				149				214					796
09/06/23		<0.100	0.272		<0.0100	0.0121 J			0.00650 J	<0.000200			<0.0500	<0.0100				160				186					727
12/06/23		<0.100	0.0454 B		<0.0100	<0.0500			<0.0500	<0.000200			<0.0500	<0.0100				154	154	0.78	150	179	38.2	3.29	146	370	**1210**
06/03/24		<0.100	0.0962		<0.0100	0.00710 J			0.00570 J	<0.000200			<0.0500	<0.0100				164	164	0.57	121	184	29.7	3.03	88.0 B	93	742
12/18/24		<0.100	0.143		<0.0100	0.0138 J			0.00590 J	<0.000200			<0.0500	<0.0100								170					748

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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-38	**Well Screen Interval (feet): 33.00-53.00**																										
06/22/23		<0.100	0.155		<0.0100	**0.0154 J**			<0.0500	<0.000200			<0.0500	<0.0100				138				**409**					**1290**
09/06/23		**0.0299 J**	1.19		<0.0100	**0.0512**			0.0170 J	<0.000200			<0.0500	<0.0100				181				**369**					**1310**
12/06/23		<0.100	0.0428 B		<0.0100	<0.0500			<0.0500	0.000469			<0.0500	<0.0100				166	166	0.49	101	210	25.1	2.72	112	100	843
06/03/24		<0.100	0.258		<0.0100	0.0123 J			0.00600 J	<0.000200			<0.0500	<0.0100				158	158	0.85	164	**379**	37.2	3.53	137 B	87	**1110**
12/18/24		<0.100	0.205		<0.0100	0.0135 J			0.00660 J	<0.000200			<0.0500	<0.0100								**390**					**1230**
Field Point MW-39	**Well Screen Interval (feet): 28.00-50.00**																										
03/28/24	<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)	(g)	(g)	120	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
12/18/24		<0.100	0.0601		<0.0100	0.00420 J			<0.0500	<0.000200			<0.0500	<0.0100								100					630
Field Point SB-1GW	**Grab Groundwater Sample**																										
10/28/11		<0.0100	0.0808		<0.00100	<0.00500			0.0053	<0.000200			<0.0100	<0.00500								9.4				77.8	
Field Point SB-2GW	**Grab Groundwater Sample**																										
10/28/11		**0.0139**	0.134		<0.00100	<0.00500			<0.00500	<0.000200			<0.0100	<0.00500								156				307	
Field Point SB-3GW	**Grab Groundwater Sample**																										
10/28/11		**0.0338**	**7.8**		<0.00100	<0.00500			<0.00500	<0.000200			<0.0100	<0.00500								2.84				2.3	
Field Point SB-4GW	**Grab Groundwater Sample**																										
10/28/11		**0.0296**	**3.44**		<0.00100	<0.00500			<0.00500	<0.000200			<0.0100	<0.00500								5.9				2.8	
Field Point SB-5GW	**Grab Groundwater Sample**																										
10/28/11		<0.0100	0.0971		<0.00100	<0.00500			<0.00500	<0.000200			0.0105	<0.00500								180				421	
Field Point SB-6GW	**Grab Groundwater Sample**																										
10/28/11		**0.0116**	0.0343		<0.00100	<0.00500			<0.00500	<0.000200			<0.0100	<0.00500								7.04				290	
Field Point SB-7GW	**Grab Groundwater Sample**																										
10/28/11		<0.0100	0.465		<0.00100	<0.00500			<0.00500	<0.000200			<0.0100	<0.00500								4.58				38.6	

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TABLE 6
CUMULATIVE 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).
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.

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

Date	Acetone (2-propanone) (mg/L)	Bromodichloromethane (mg/L)	2-Butanone (MEK) (mg/L)	Carbon Disulfide (mg/L)	Chloroform (mg/L)	1,2-Dibromo-3-Chloropropane (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)	1,2,3-Trichlorobenzene (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					
12/19/24									0.034	0.040	0.0030 J	0.026		0.0051					
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	
12/19/24		0.00030 J				0.0029				0.0011	0.00093		0.0018	0.0021	0.00053	0.00098	0.0022		
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																			
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																			
12/17/24																			
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	

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

Date	Acetone (2-propanone) (mg/L)	Bromodichloromethane (mg/L)	2-Butanone (MEK) (mg/L)	Carbon Disulfide (mg/L)	Chloroform (mg/L)	1,2-Dibromo-3-Chloropropane (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)	1,2,3-Trichlorobenzene (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-17																			
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		
12/19/24									0.039	0.065	0.0062	0.038		0.0046 J			0.010		
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	
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									
12/17/24																			
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																		

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

Date	Acetone (2-propanone) (mg/L)	Bromodichloromethane (mg/L)	2-Butanone (MEK) (mg/L)	Carbon Disulfide (mg/L)	Chloroform (mg/L)	1,2-Dibromo-3-Chloropropane (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)	1,2,3-Trichlorobenzene (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																			
12/21/21																			
05/25/22																			
12/29/22																			
06/20/23																			
12/07/23																			
06/04/24																			
12/19/24																			
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																			
12/19/24																			
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																			
12/18/24																			
Field Point MW-30																			
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																			

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

Date	Acetone (2-propanone) (mg/L)	Bromodichloromethane (mg/L)	2-Butanone (MEK) (mg/L)	Carbon Disulfide (mg/L)	Chloroform (mg/L)	1,2-Dibromo-3-Chloropropane (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)	1,2,3-Trichlorobenzene (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																			
06/03/24																			
12/17/24																			
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																			
12/17/24														0.00042 J					
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				
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				
12/17/24									0.00035 J					0.00053	0.00083				
Field Point MW-33																			
06/22/23																			
09/06/23	0.0050 J												0.00024 J						
12/05/23																			
06/03/24																			
12/17/24																			
Field Point MW-34																			
06/22/23																			
09/06/23																			
12/05/23																			
06/03/24																			
12/17/24																			
Field Point MW-35																			
06/22/23																			
09/06/23	0.013			0.00046 J															
12/05/23				0.00049 J															
06/03/24																			

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

Date	Acetone (2-propanone) (mg/L)	Bromodichloromethane (mg/L)	2-Butanone (MEK) (mg/L)	Carbon Disulfide (mg/L)	Chloroform (mg/L)	1,2-Dibromo-3-Chloropropane (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)	1,2,3-Trichlorobenzene (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-35																			
12/18/24																			
Field Point MW-36																			
06/20/23																			
09/06/23																			
12/05/23																			
06/03/24																			
12/18/24																			
Field Point MW-37																			
06/23/23																			
09/06/23	0.013																		
12/06/23																			
06/03/24																			
12/18/24																			
Field Point MW-38																			
06/22/23																			0.00054
09/06/23				0.00039 J															
12/06/23																			
06/03/24																			
12/18/24																			
Field Point MW-39																			
06/03/24																			
12/18/24																			

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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.

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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
MW-1	12/16/24	0.02	0.2	0.2
Subtotal Removed		**2.73**	**3.99**	**6.97**
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
MW-2	12/16/24	0.00	0.0	0.0
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
MW-4	12/16/24	0.01	0.0	0.0
Subtotal Removed		**1.95**	**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
MW-5	12/16/24	0.07	0.2	0.2
Subtotal Removed		**4.12**	**3.63**	**8.25**

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
MW-9	12/16/24	0.02	75.0	75.0
Subtotal Removed		**2.04**	**76.60**	**79.14**
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
MW-12	12/16/24	0.00	0.0	0.0
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
MW-13	12/16/24	0.13	0.4	0.5
Subtotal Removed		**9.22**	**7.86**	**18.09**
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
MW-14	12/16/24	0.08	0.1	0.2
Subtotal Removed		**9.88**	**6.70**	**17.59**

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
MW-15	12/16/24	0.01	0.1	0.1
Subtotal Removed		**3.53**	**5.49**	**10.02**
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
MW-16	12/16/24	0.01	0.0	0.0
Subtotal Removed		**3.45**	**4.05**	**8.51**
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
MW-18	12/16/24	0.13	0.4	0.5
Subtotal Removed		**8.11**	**7.03**	**16.40**
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
MW-19	12/16/24	0.01	0.1	0.1
Subtotal Removed		**4.72**	**4.64**	**9.36**

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
MW-20	12/16/24	0.09	0.4	0.5
Subtotal Removed		**6.18**	**8.77**	**14.95**
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
MW-21	12/16/24	0.12	0.5	0.6
Subtotal Removed		**1.21**	**5.49**	**7.45**
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
MW-23	12/16/24	0.00	0.0	0.0
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
MW-24	12/16/24	0.59	0.5	1.1
Subtotal Removed		**11.07**	**6.46**	**18.53**

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
MW-25	12/16/24	0.13	0.4	0.5
Subtotal Removed		**5.75**	**3.68**	**9.93**
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
MW-26	12/16/24	0.12	0.4	0.5
Subtotal Removed		**6.77**	**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		**196**	**165**	**478**

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

WELL SAMPLING – FIELD LOG

CLIENT NAME:	ExxonMobil		0.163 FOR A 2" WELL
SITE LOCATION:	Gladiola		0.652 FOR A 4" WELL
FIELD CREW:	ML Tschmmell	DATE: 12/16/24	1.167 FOR A 6" WELL

WELL NUMBER	TIME	DEPTH to WATER (ft)	DEPTH to ~~WELL~~ (ft) NAPL	CASE DIA (in)	NAPL	ORP H2O	COND (µs) or (ms)	TEMP (°c)	pH	TURBIDITY (NTU)
MW-24	0954	40.11	40.03	4"	~~300 mL~~ 500 mL					
MW-19	1007	40.35	40.27	4"	20 mL	250 mL				
MW-23	1022	40.62	40.61	2"	No Recovery					
MW-13	1026 ~~1044~~	40.59	40.21	4"	0.5L	1.5L H2O				
MW-18	1044	40.68	40.40	4"	0.5L	1.5L H2O				
MW-21	1107	40.50	40.43	4"	0.45L	2L H2O				
MW-20	1132	40.71	40.68	4"	0.35L	1.5L H2O				
MW-25	1150	41.02	40.75	2"	0.5L	1.5L H2O				
MW-26	1204	41.30	40.96	2"	0.45L	1.5L H2O				

9

11/30
40.96
.34

WELL SAMPLING – FIELD LOG

CLIENT NAME:	ExxonMobil		0.163 FOR A 2" WELL		
SITE LOCATION:	Eloptro		0.652 FOR A 4" WELL		
FIELD CREW:	[illegible]	**DATE:** 7/11/24	1.167 FOR A 6" WELL		

WELL NUMBER	TIME	DEPTH to WATER (ft)	DEPTH to WELL (ft)	CASE DIA (in)	NAPL Recovery	ORP	COND (µs) or (ms)	TEMP (°c)	pH	TURBIDITY (NTU)
MW-2	0835	40.74	41.73	2"	NA	No Recovery				
MW-4	0840	38.10	37.95	2"	50 mL	100mL				
MW-01	0843	38.60	38.40	2"	75mL	700mL				
MW-09	0850	41.75	41.72	2"	75mL	300mL				
MW-10	0857	41.32	41.30	4"	No Recovery					
MW-24	0914	41.53	38.78	2"	2.25 NAPL	2.0 H2O				
MW-15	0930	40.41	40.38	4"	50mL NAPL	200 H2O				
MW-5	0936	40.60	40.14	2"	250mL	600mL H2O				
MW-16	1304	40.10	39.87	4"	20mL	50 H2O				

(9)

(18) Total NapL

MW-10 - DRY / nothing to sample

MW-7 " "

WELL SAMPLING – FIELD LOG

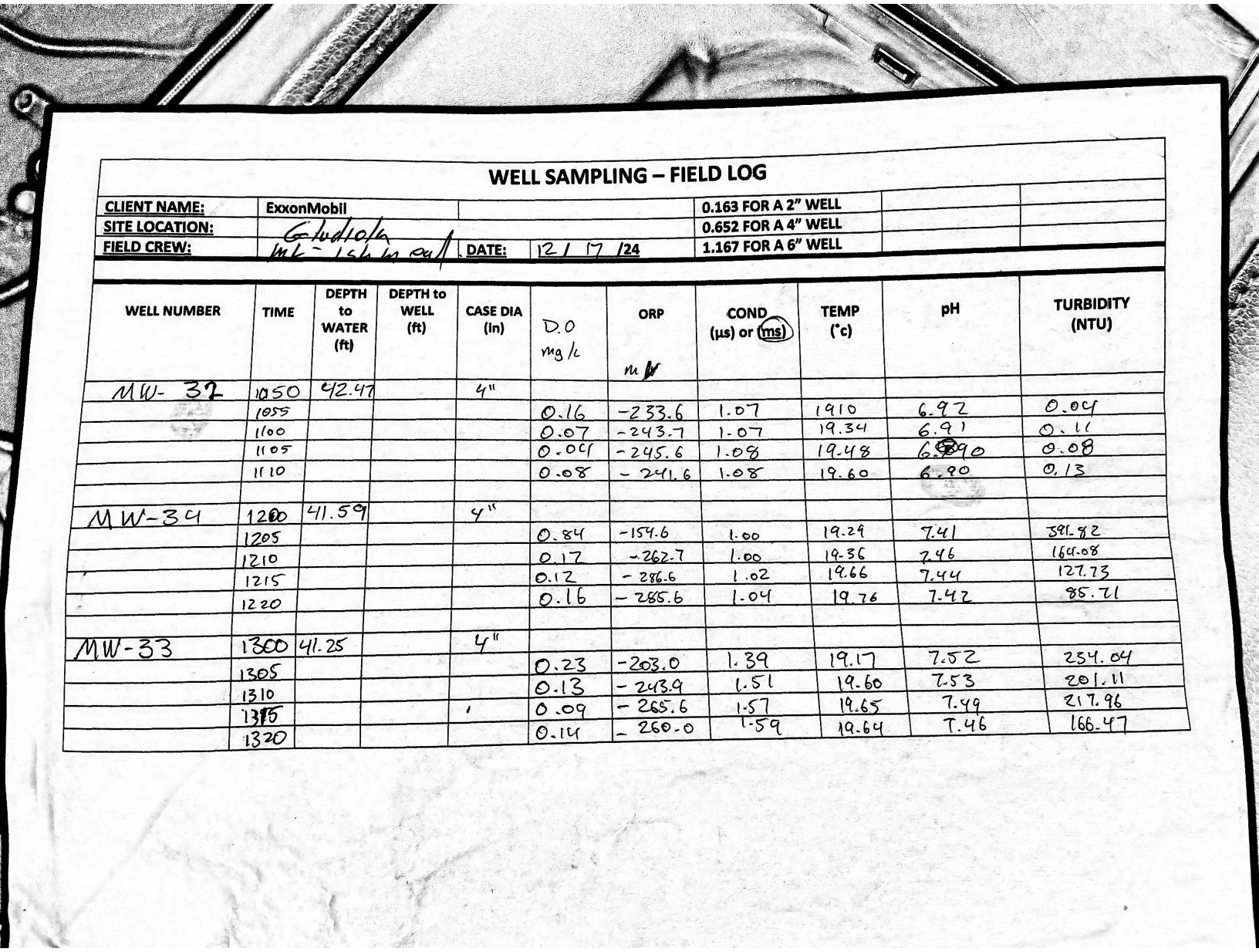
CLIENT NAME:	ExxonMobil	0.163 FOR A 2" WELL	~~Sample~~
SITE LOCATION:	Gladiola	0.652 FOR A 4" WELL	Sample Time
FIELD CREW:	DATE: 7/17/24	1.167 FOR A 6" WELL	

WELL NUMBER	TIME	DEPTH to WATER (ft)	DEPTH to WELL (ft)	CASE DIA (in)	D.O. mg/L	ORP MV	COND (µs) or (ms)	TEMP (°c)	pH	TURBIDITY (NTU)
MW 31	0830	~~47.03~~ 47.03	/	4	0.12	177.8	1.14	18.01	7.01	0.32
	0835				0.10	175.2	1.14	14.09	6.99	0.37
	0840				0.08	172.9	1.14	18.24	6.99	0.29
	0845				0.07	171.3	1.14	18.44	6.98	0.53
MW-11	0920	41.74		4"	5.70	180.5	1.47	18.03	7.16	1.59
	0940	~~0940~~			5.57	178.1	1.47	18.15	7.09	1.64
	0945	~~0945~~			5.69	178.8	1.47	18.44	7.08	1.35
	0950	~~0950~~								
MW-22	1015	42.01		4"	6.00	183.9	1.02	17.74	7.43	1.79
	1020				5.51	182.8	1.02	17.81	7.42	1.58
	1025				5.23	180.7	1.02	18.02	7.38	1.13
	1030				4.63	179.2	1.02	18.57	7.31	0.57
	1035				4.07	179.3	1.02	19.18	7.28	1.00

WELL SAMPLING – FIELD LOG

CLIENT NAME:	ExxonMobil		0.163 FOR A 2" WELL		
SITE LOCATION:	Glodiola		0.652 FOR A 4" WELL		
FIELD CREW:	ML Ismael	DATE: 12/17/24	1.167 FOR A 6" WELL		

WELL NUMBER	TIME	DEPTH to WATER (ft)	DEPTH to WELL (ft)	CASE DIA (in)	DO mg/L	ORP	COND (µs) or (ms) ms/cm	TEMP (°c)	pH	TURBIDITY (NTU)
MW-30	1400	40.25		4"	6.93	21.6	0.87	19.07	7.45	2.83
	1405				6.89	40.9	0.89	19.33	7.44	5.47
	1410				6.86	48.6	0.90	19.34	7.42	22.52
	1415				6.78	52.6	0.92	19.52	7.41	51.34
	1420									



WELL SAMPLING – FIELD LOG

CLIENT NAME:	ExxonMobil		0.163 FOR A 2" WELL		
SITE LOCATION:			0.652 FOR A 4" WELL		
FIELD CREW:	Gludiola ML - Schlumberger	**DATE:** 12/17/24	1.167 FOR A 6" WELL		

WELL NUMBER	TIME	DEPTH to WATER (ft)	DEPTH to WELL (ft)	CASE DIA (In)	D.O mg/L	ORP mV	COND (µs) or (ms)	TEMP (°c)	pH	TURBIDITY (NTU)
MW-32	1050	42.47		4"						
	1055				0.16	-233.6	1.07	1910	6.92	0.04
	1100				0.07	-243.7	1.07	19.34	6.91	0.11
	1105				0.04	-245.6	1.08	19.48	6.90	0.08
	1110				0.08	-241.6	1.08	19.60	6.90	0.13
MW-34	1200	41.59		4"						
	1205				0.84	-154.6	1.00	19.29	7.41	391.82
	1210				0.17	-262.7	1.00	19.36	7.46	164.08
	1215				0.12	-286.6	1.02	19.66	7.44	127.73
	1220				0.16	-285.6	1.04	19.76	7.42	85.71
MW-33	1300	41.25		4"						
	1305				0.23	-203.0	1.39	19.17	7.52	254.04
	1310				0.13	-243.9	1.51	19.60	7.53	201.11
	1315				0.09	-265.6	1.57	19.65	7.49	217.96
	1320				0.14	-260.0	1.59	19.64	7.46	166.47

WELL SAMPLING – FIELD LOG

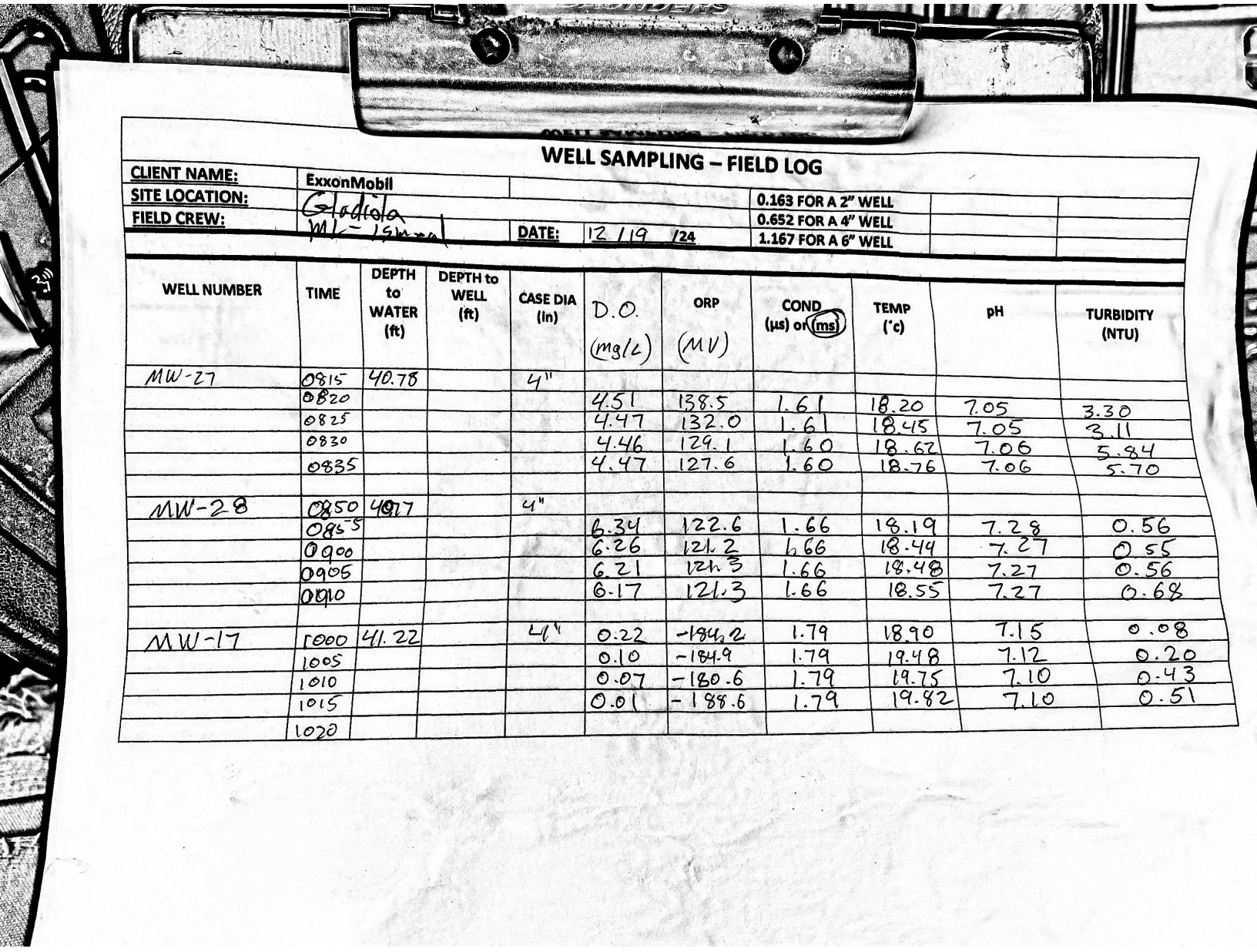
CLIENT NAME:	Exxon Mobil	Cardno ERI# 101002N112	0.163 FOR A 2" WELL		
SITE LOCATION:	~~NOSS # 471~~ Gladiola St		0.652 FOR A 4" WELL		
FIELD CREW:	Mark Lach / Itamar	DATE: 7/31/2024	1.167 FOR A 6" WELL		

WELL NUMBER	TIME	DEPTH to WATER (ft)	DEPTH to WELL (ft)	CASE DIA (in)	~~CASE VOL~~ (gal) / ORP (mV)	~~PRG VOL~~ (gal) / DO (mg/L)	COND (µs) or (ms)	TEMP (°c)	pH	TURBIDITY (NTU)
MW-38	0925	39.36		4"						
	0930				-119.7	1.21	1.47	17.94	7.34	197.24
	0935				-78.7	2.47	1.74	18.46	7.28	246.24
	0940				-75.3	2.54	1.73	18.56	7.28	186.20
	0945				-72.1	2.54	1.76	18.51	7.27	97.94
MW-37	1000	39.43		4"						
	1005				15.6	3.84	1.12	18.43	7.39	260.86
	1010				32.2	4.20	1.11	18.83	7.37	150.42
	1015				35.8	4.38	1.14	18.91	7.35	96.16
	1020				29.4	4.37	1.16	18.61	7.36	64.32
MW-39	1110	40.80		2"						
	1115				39.0	5.20	1.00	18.36	7.46	204.52
	1120				46.3	4.27	1.01	18.98	7.43	165.60
	1125				48.2	4.04	1.03	19.26	7.41	167.66
	1130				53.2	4.18	1.04	19.07	7.40	91.05

Stantec WELL SAMPLING – FIELD LOG

CLIENT NAME:	ExxonMobil	0.163 FOR A 2" WELL	
SITE LOCATION:	Gladiola	0.652 FOR A 4" WELL	
FIELD CREW:	MW - ISMA DATE: 12/18 12/19	1.167 FOR A 6" WELL	

WELL NUMBER	TIME	DEPTH to WATER (ft)	DEPTH to WELL (ft)	CASE DIA (in)	D.O. (mg/L)	ORP (MV)	COND (µs) or (ms)	TEMP (°c)	pH	TURBIDITY (NTU)
MW-36	1225	41.17		2"	~~3.74~~	~~46.96~~	~~1.50~~	~~18.10~~	~~7.34~~	~~281.79~~
	1230				3.74	46.96	1.50	18.70	7.34	281.79
	1235				4.15	54.4	1.51	19.60	7.33	96.03
	1240				3.96	58.8	1.51	19.89	7.32	55.91
	1245				4.04	53.7	1.51	19.81	7.32	37.29
		~~41.36~~								
MW-35	1315	41.36		2"						
	1320				0.25	-40.9	1.57	18.06	7.39	617.16
	1325				0.67	-52.3	1.56	18.54	7.40	242.84
	1330				0.37	-27.40	1.55	18.82	7.40	57.85
	1335				0.28	-163.7	1.56	18.84	7.37	105.66
MW-29	~~1400~~ ~~1405~~	40.63		2"						
	1405				7.54	-12.5	0.97	17.26	7.53	5.93
	1410				6.70	32.0	1.02	18.40	7.41	4.85
	1415				6.62	47.5	1.03	18.62	7.39	7.10
	1420				6.40	58.6	1.06	18.81	7.38	9.59



WELL SAMPLING – FIELD LOG

CLIENT NAME:	ExxonMobil		
SITE LOCATION:	Gladiola	0.163 FOR A 2" WELL	
FIELD CREW:	ML - Ismael	0.652 FOR A 4" WELL	
DATE:	12/19/24	1.167 FOR A 6" WELL	

WELL NUMBER	TIME	DEPTH to WATER (ft)	DEPTH to WELL (ft)	CASE DIA (in)	D.O. (mg/L)	ORP (MV)	COND (µs) or (ms)	TEMP (°c)	pH	TURBIDITY (NTU)
MW-27	0815	40.78		4"						
	0820				4.51	138.5	1.61	18.20	7.05	3.30
	0825				4.47	132.0	1.61	18.45	7.05	3.11
	0830				4.46	129.1	1.60	18.62	7.06	5.84
	0835				4.47	127.6	1.60	18.76	7.06	5.70
MW-28	0850	40.17		4"						
	0855				6.34	122.6	1.66	18.19	7.28	0.56
	0900				6.26	121.2	1.66	18.44	7.27	0.55
	0905				6.21	121.3	1.66	18.48	7.27	0.56
	0910				6.17	121.3	1.66	18.55	7.27	0.68
MW-17	1000	41.22		4"	0.22	-184.2	1.79	18.90	7.15	0.08
	1005				0.10	-184.9	1.79	19.48	7.12	0.20
	1010				0.07	-180.6	1.79	19.75	7.10	0.43
	1015				0.01	-188.6	1.79	19.82	7.10	0.51
	1020									

Stantec WELL SAMPLING – FIELD LOG

CLIENT NAME:	ExxonMobil	0.163 FOR A 2" WELL	
SITE LOCATION:	Gladiola	0.652 FOR A 4" WELL	
FIELD CREW:	ML - Tamrat	DATE: 12/19/23	1.167 FOR A 6" WELL

WELL NUMBER	TIME	DEPTH to WATER (ft)	DEPTH to WELL (ft)	CASE DIA (in)	D.O. (mg/L)	ORP (mV)	COND (µs) or (ms)	TEMP (°c)	pH	TURBIDITY (NTU)
MW-3	1055	37.05		2"						
	1100				1.43	-144.8	2.40	18.99	7.20	800.69
	1105				0.07	-167.7	2.42	19.45	7.25	345.56
	1110				0.01	-170.2	2.43	19.191	7.24	75.27
	1115				0.00	-171.5	2.43	20.02	7.22	33.25
MW-6	11:30	40.30	42.40	2"	Purged Dry 2.1' H2O (wiped)					
	11:45	Sample			Started 11:45 - Finished 15:00 - Slow - Reduced NO					

Appendix B

Laboratory Analytical Reports

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ANALYTICAL REPORT

PREPARED FOR

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

Generated 1/3/2025 11:33:54 AM

JOB DESCRIPTION

ExxonMobil Gladiola Station / 238000257

JOB NUMBER

570-211547-1

Eurofins Calscience
2841 Dow Avenue, Suite 100
Tustin CA 92780

See page two for job notes and contact information.

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Job Notes

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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
Xuan Dang, Project Manager I
Xuan.Dang@et.eurofinsus.com
(714)895-5494

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

Laboratory Job ID: 570-211547-1

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Sample Summary

Client: Stantec Consulting Services Inc
Job ID: 570-211547-1
Project/Site: ExxonMobil Gladiola Station / 238000257

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
570-211547-1	MW11	Water	12/17/24 09:50	12/18/24 10:30
570-211547-2	Trip Blank	Water	12/17/24 09:50	12/18/24 10:30
570-211547-3	MW22	Water	12/17/24 10:35	12/18/24 10:30
570-211547-4	MW30	Water	12/17/24 14:20	12/18/24 10:30
570-211547-5	MW31	Water	12/17/24 08:45	12/18/24 10:30
570-211547-6	MW32	Water	12/17/24 11:10	12/18/24 10:30
570-211547-7	MW33	Water	12/17/24 13:20	12/18/24 10:30
570-211547-8	MW34	Water	12/17/24 12:20	12/18/24 10:30
570-211547-9	Trip Blank	Water	12/17/24 08:45	12/18/24 10:30

Definitions/Glossary

Client: Stantec Consulting Services Inc Job ID: 570-211547-1
Project/Site: ExxonMobil Gladiola Station / 238000257

Qualifiers

GC/MS 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.

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
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 Job ID: 570-211547-1
Project: ExxonMobil Gladiola Station / 238000257

Job ID: 570-211547-1 Eurofins Calscience

Job Narrative
570-211547-1

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 and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided 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 12/18/2024 10:30 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 2.0°C and 2.5°C.

Receipt Exceptions
The number of containers for the following samples did not match the information listed on the Chain-of-Custody (COC): Trip Blank (570-211547-2) and Trip Blank (570-211547-9). Received only 1 voa vial preserved in HCl, while the COC lists 2.

The Field Sampler was not listed on the Chain of Custody.

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 570-517364. The laboratory control sample (LCS) was performed in duplicate (LCSD) to provide precision data for this batch.

Method 8260B_LL: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with analytical batch 570-517273. 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 (570-211547-1). Elevated reporting limits (RLs) are provided.

Method 8260B_LL: Internal standard (ISTD) response for TBA-d9 for the following sample in analytical batch 570-517273 was outside acceptance criteria: (CCVIS 570-517273/5). This ISTD does not correspond to any of the requested target compounds reported from this analytical batch; 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 570-515510. The laboratory control sample (LCS) was performed in duplicate (LCSD) to provide precision data for this batch.
Method 8270 S.I.M P.A.H

Method 8270C_SIM_PAH: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with preparation batch 570-516627. The laboratory control sample (LCS) was performed in duplicate (LCSD) to provide precision data for this batch.
Method 8270 SIM PAH

Method 8270C_SIM_PAH: The method blank for preparation batch 570-516627 and analytical batch 570-517641 contained Acenaphthylene, Anthracene, Benzo[a]anthracene, Benzo[a]pyrene, Benzo[g,h,i]perylene, Chrysene, Fluorene, Phenanthrene and Pyrene 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.

Case Narrative

Client: Stantec Consulting Services Inc Job ID: 570-211547-1
Project: ExxonMobil Gladiola Station / 238000257

Job ID: 570-211547-1 (Continued) Eurofins Calscience

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 Initial calibration blank (ICB) for 570-516154 contained Arsenic above the reporting limit (RL). All reported samples associated with this ICB were either ND for this analyte or contained this analyte at a concentration greater than 10X the value found in the ICB; therefore, 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.

Detection Summary

Client: Stantec Consulting Services Inc
Job ID: 570-211547-1
Project/Site: ExxonMobil Gladiola Station / 238000257

Client Sample ID: MW11 — Lab Sample ID: 570-211547-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	160		5.0	1.8	mg/L	5		300.0	Total/NA
Barium	0.0396		0.0100	0.00111	mg/L	1		6010B	Total Recoverable
Total Dissolved Solids	897		10.0	8.35	mg/L	1		SM 2540C	Total/NA

Client Sample ID: Trip Blank — Lab Sample ID: 570-211547-2

No Detections.

Client Sample ID: MW22 — Lab Sample ID: 570-211547-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	29		5.0	1.8	mg/L	5		300.0	Total/NA
Barium	0.0216		0.0100	0.00111	mg/L	1		6010B	Total Recoverable
Lead	0.00590	J	0.0500	0.00527	mg/L	1		6010B	Total Recoverable
Total Dissolved Solids	637		10.0	8.35	mg/L	1		SM 2540C	Total/NA

Client Sample ID: MW30 — Lab Sample ID: 570-211547-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	80		5.0	1.8	mg/L	5		300.0	Total/NA
Barium	0.0412		0.0100	0.00111	mg/L	1		6010B	Total Recoverable
Total Dissolved Solids	604		10.0	8.35	mg/L	1		SM 2540C	Total/NA

Client Sample ID: MW31 — Lab Sample ID: 570-211547-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
sec-Butylbenzene	0.42	J	0.50	0.20	ug/L	1		8260B	Total/NA
Chloride	56		5.0	1.8	mg/L	5		300.0	Total/NA
Barium	0.538		0.0100	0.00111	mg/L	1		6010B	Total Recoverable
Total Dissolved Solids	655		10.0	8.35	mg/L	1		SM 2540C	Total/NA

Client Sample ID: MW32 — Lab Sample ID: 570-211547-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	0.48	J	0.50	0.14	ug/L	1		8260B	Total/NA
Ethylbenzene	0.27	J	0.50	0.16	ug/L	1		8260B	Total/NA
Isopropylbenzene	0.35	J	0.50	0.21	ug/L	1		8260B	Total/NA
sec-Butylbenzene	0.53		0.50	0.20	ug/L	1		8260B	Total/NA
tert-Butylbenzene	0.83		0.50	0.21	ug/L	1		8260B	Total/NA
Fluorene	0.25		0.20	0.073	ug/L	1		8270C SIM	Total/NA
1-Methylnaphthalene	0.19	J	0.20	0.071	ug/L	1		8270C SIM	Total/NA
Chloride	25		5.0	1.8	mg/L	5		300.0	Total/NA
Barium	0.265		0.0100	0.00111	mg/L	1		6010B	Total Recoverable
Total Dissolved Solids	624		10.0	8.35	mg/L	1		SM 2540C	Total/NA

Client Sample ID: MW33 — Lab Sample ID: 570-211547-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	210		5.0	1.8	mg/L	5		300.0	Total/NA

This Detection Summary does not include radiochemical test results.

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Detection Summary

Client: Stantec Consulting Services Inc
Job ID: 570-211547-1
Project/Site: ExxonMobil Gladiola Station / 238000257

Client Sample ID: MW33 (Continued) — Lab Sample ID: 570-211547-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	0.511		0.0100	0.00111	mg/L	1		6010B	Total Recoverable
Chromium	0.0145	J	0.0500	0.00296	mg/L	1		6010B	Total Recoverable
Total Dissolved Solids	938		10.0	8.35	mg/L	1		SM 2540C	Total/NA

Client Sample ID: MW34 — Lab Sample ID: 570-211547-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	76		5.0	1.8	mg/L	5		300.0	Total/NA
Barium	0.218		0.0100	0.00111	mg/L	1		6010B	Total Recoverable
Chromium	0.00630	J	0.0500	0.00296	mg/L	1		6010B	Total Recoverable
Total Dissolved Solids	651		10.0	8.35	mg/L	1		SM 2540C	Total/NA

Client Sample ID: Trip Blank — Lab Sample ID: 570-211547-9

No Detections.

This Detection Summary does not include radiochemical test results.

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Client Sample Results

Client: Stantec Consulting Services Inc
Job ID: 570-211547-1
Project/Site: ExxonMobil Gladiola Station / 238000257

Client Sample ID: MW11
Lab Sample ID: 570-211547-1
Date Collected: 12/17/24 09:50
Matrix: Water
Date Received: 12/18/24 10:30

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			12/24/24 02:12	4
Toluene	ND		2.0	0.57	ug/L			12/24/24 02:12	4
Ethylbenzene	ND		2.0	0.66	ug/L			12/24/24 02:12	4
o-Xylene	ND		2.0	0.72	ug/L			12/24/24 02:12	4
m,p-Xylene	ND		4.0	1.6	ug/L			12/24/24 02:12	4
Xylenes, Total	ND		4.0	1.6	ug/L			12/24/24 02:12	4
Methyl-t-Butyl Ether (MTBE)	ND		2.0	0.57	ug/L			12/24/24 02:12	4
1,1,1,2-Tetrachloroethane	ND		2.0	0.80	ug/L			12/24/24 02:12	4
1,1,1-Trichloroethane	ND		2.0	0.79	ug/L			12/24/24 02:12	4
1,1,2,2-Tetrachloroethane	ND		2.0	0.54	ug/L			12/24/24 02:12	4
1,1,2-Trichloroethane	ND		2.0	0.72	ug/L			12/24/24 02:12	4
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		2.0	1.0	ug/L			12/24/24 02:12	4
1,1-Dichloroethane	ND		2.0	0.85	ug/L			12/24/24 02:12	4
1,1-Dichloroethene	ND		2.0	0.84	ug/L			12/24/24 02:12	4
1,1-Dichloropropene	ND		2.0	0.65	ug/L			12/24/24 02:12	4
1,2,3-Trichlorobenzene	ND		2.0	1.0	ug/L			12/24/24 02:12	4
1,2,3-Trichloropropane	ND		2.0	1.2	ug/L			12/24/24 02:12	4
1,2,4-Trichlorobenzene	ND		2.0	1.0	ug/L			12/24/24 02:12	4
1,2,4-Trimethylbenzene	ND		2.0	0.90	ug/L			12/24/24 02:12	4
1,3,5-Trimethylbenzene	ND		2.0	0.74	ug/L			12/24/24 02:12	4
c-1,2-Dichloroethene	ND		2.0	0.62	ug/L			12/24/24 02:12	4
1,2-Dibromo-3-Chloropropane	ND		4.0	3.4	ug/L			12/24/24 02:12	4
1,2-Dichlorobenzene	ND		2.0	0.57	ug/L			12/24/24 02:12	4
1,2-Dichloroethane	ND		2.0	0.55	ug/L			12/24/24 02:12	4
1,2-Dichloropropane	ND		2.0	0.58	ug/L			12/24/24 02:12	4
t-1,2-Dichloroethene	ND		2.0	0.88	ug/L			12/24/24 02:12	4
c-1,3-Dichloropropene	ND		2.0	0.62	ug/L			12/24/24 02:12	4
1,3-Dichlorobenzene	ND		2.0	0.63	ug/L			12/24/24 02:12	4
1,3-Dichloropropane	ND		2.0	0.77	ug/L			12/24/24 02:12	4
t-1,3-Dichloropropene	ND		2.0	0.85	ug/L			12/24/24 02:12	4
1,4-Dichlorobenzene	ND		2.0	0.45	ug/L			12/24/24 02:12	4
2,2-Dichloropropane	ND		2.0	1.0	ug/L			12/24/24 02:12	4
2-Chlorotoluene	ND		2.0	0.92	ug/L			12/24/24 02:12	4
4-Chlorotoluene	ND		2.0	0.96	ug/L			12/24/24 02:12	4
4-Methyl-2-pentanone	ND		20	6.5	ug/L			12/24/24 02:12	4
Acetone	ND		32	14	ug/L			12/24/24 02:12	4
Bromobenzene	ND		2.0	0.56	ug/L			12/24/24 02:12	4
Bromochloromethane	ND		4.0	1.1	ug/L			12/24/24 02:12	4
Bromoform	ND		2.0	1.1	ug/L			12/24/24 02:12	4
Bromomethane	ND		8.0	7.5	ug/L			12/24/24 02:12	4
Carbon disulfide	ND		4.0	1.3	ug/L			12/24/24 02:12	4
Carbon tetrachloride	ND		2.0	1.1	ug/L			12/24/24 02:12	4
Chlorobenzene	ND		2.0	0.47	ug/L			12/24/24 02:12	4
Dibromochloromethane	ND		2.0	0.84	ug/L			12/24/24 02:12	4
Chloroethane	ND		2.0	1.5	ug/L			12/24/24 02:12	4
Chloroform	ND		2.0	1.0	ug/L			12/24/24 02:12	4
Chloromethane	ND		4.0	2.6	ug/L			12/24/24 02:12	4
Dibromomethane	ND		2.0	0.65	ug/L			12/24/24 02:12	4
Bromodichloromethane	ND		2.0	0.61	ug/L			12/24/24 02:12	4

Client Sample Results

Client: Stantec Consulting Services Inc
Job ID: 570-211547-1
Project/Site: ExxonMobil Gladiola Station / 238000257

Client Sample ID: MW11
Lab Sample ID: 570-211547-1
Date Collected: 12/17/24 09:50
Matrix: Water
Date Received: 12/18/24 10:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	ND		4.0	2.0	ug/L			12/24/24 02:12	4
1,2-Dibromoethane	ND		2.0	1.1	ug/L			12/24/24 02:12	4
Hexachloro-1,3-butadiene	ND		4.0	1.1	ug/L			12/24/24 02:12	4
Isopropylbenzene	ND		2.0	0.85	ug/L			12/24/24 02:12	4
2-Butanone	ND		20	11	ug/L			12/24/24 02:12	4
Methylene Chloride	ND		4.0	1.6	ug/L			12/24/24 02:12	4
2-Hexanone	ND		24	8.2	ug/L			12/24/24 02:12	4
Naphthalene	ND		4.0	2.2	ug/L			12/24/24 02:12	4
n-Butylbenzene	ND		2.0	0.97	ug/L			12/24/24 02:12	4
N-Propylbenzene	ND		2.0	0.70	ug/L			12/24/24 02:12	4
p-Isopropyltoluene	ND		2.0	0.80	ug/L			12/24/24 02:12	4
sec-Butylbenzene	ND		2.0	0.78	ug/L			12/24/24 02:12	4
Styrene	ND		2.0	1.1	ug/L			12/24/24 02:12	4
tert-Butylbenzene	ND		2.0	0.83	ug/L			12/24/24 02:12	4
Tetrachloroethene	ND		2.0	0.62	ug/L			12/24/24 02:12	4
Trichloroethene	ND		2.0	0.61	ug/L			12/24/24 02:12	4
Trichlorofluoromethane	ND		2.0	1.0	ug/L			12/24/24 02:12	4
Vinyl chloride	ND		2.0	0.90	ug/L			12/24/24 02:12	4

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*103*		*64 - 132*		*12/24/24 02:12*	*4*
4-Bromofluorobenzene (Surr)	*96*		*76 - 120*		*12/24/24 02:12*	*4*
Dibromofluoromethane (Surr)	*100*		*80 - 120*		*12/24/24 02:12*	*4*
Toluene-d8 (Surr)	*100*		*80 - 120*		*12/24/24 02:12*	*4*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		0.20	0.098	ug/L		12/19/24 06:12	12/23/24 15:12	1
Acenaphthylene	ND		0.20	0.070	ug/L		12/19/24 06:12	12/23/24 15:12	1
Anthracene	ND		0.20	0.060	ug/L		12/19/24 06:12	12/23/24 15:12	1
Benzo[a]anthracene	ND		0.20	0.086	ug/L		12/19/24 06:12	12/23/24 15:12	1
Benzo[a]pyrene	ND		0.20	0.063	ug/L		12/19/24 06:12	12/23/24 15:12	1
Benzo[b]fluoranthene	ND		0.20	0.18	ug/L		12/19/24 06:12	12/23/24 15:12	1
Benzo[g,h,i]perylene	ND		0.20	0.10	ug/L		12/19/24 06:12	12/23/24 15:12	1
Benzo[k]fluoranthene	ND		0.20	0.15	ug/L		12/19/24 06:12	12/23/24 15:12	1
Chrysene	ND		0.20	0.060	ug/L		12/19/24 06:12	12/23/24 15:12	1
Dibenz(a,h)anthracene	ND		0.20	0.12	ug/L		12/19/24 06:12	12/23/24 15:12	1
Fluoranthene	ND		0.20	0.14	ug/L		12/19/24 06:12	12/23/24 15:12	1
Fluorene	ND		0.20	0.075	ug/L		12/19/24 06:12	12/23/24 15:12	1
Indeno[1,2,3-cd]pyrene	ND		0.20	0.11	ug/L		12/19/24 06:12	12/23/24 15:12	1
1-Methylnaphthalene	ND		0.20	0.074	ug/L		12/19/24 06:12	12/23/24 15:12	1
2-Methylnaphthalene	ND		0.20	0.078	ug/L		12/19/24 06:12	12/23/24 15:12	1
Naphthalene	ND		0.20	0.15	ug/L		12/19/24 06:12	12/23/24 15:12	1
Phenanthrene	ND		0.20	0.074	ug/L		12/19/24 06:12	12/23/24 15:12	1
Pyrene	ND		0.20	0.067	ug/L		12/19/24 06:12	12/23/24 15:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*78*		*33 - 144*	*12/19/24 06:12*	*12/23/24 15:12*	*1*
Nitrobenzene-d5 (Surr)	*78*		*28 - 139*	*12/19/24 06:12*	*12/23/24 15:12*	*1*
p-Terphenyl-d14 (Surr)	*71*		*23 - 160*	*12/19/24 06:12*	*12/23/24 15:12*	*1*

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Client Sample Results

Client: Stantec Consulting Services Inc Job ID: 570-211547-1
Project/Site: ExxonMobil Gladiola Station / 238000257

Client Sample ID: MW11 Lab Sample ID: 570-211547-1

Date Collected: 12/17/24 09:50 **Matrix: Water**
Date Received: 12/18/24 10:30

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**160**		5.0	1.8	mg/L			01/02/25 20:10	5

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		12/19/24 02:37	12/27/24 11:48	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		12/19/24 07:55	12/19/24 17:30	1
Barium	**0.0396**		0.0100	0.00111	mg/L		12/19/24 07:55	12/19/24 17:30	1
Cadmium	ND		0.0100	0.000620	mg/L		12/19/24 07:55	12/19/24 17:30	1
Chromium	ND		0.0500	0.00296	mg/L		12/19/24 07:55	12/19/24 17:30	1
Lead	ND		0.0500	0.00527	mg/L		12/19/24 07:55	12/19/24 17:30	1
Selenium	ND		0.0500	0.0162	mg/L		12/19/24 07:55	12/19/24 17:30	1
Silver	ND		0.0100	0.00259	mg/L		12/19/24 07:55	12/19/24 17:30	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	**897**		10.0	8.35	mg/L			12/23/24 15:18	1

Client Sample ID: Trip Blank Lab Sample ID: 570-211547-2

Date Collected: 12/17/24 09:50 **Matrix: Water**
Date Received: 12/18/24 10:30

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			12/24/24 05:56	1
Toluene	ND		0.50	0.14	ug/L			12/24/24 05:56	1
Ethylbenzene	ND		0.50	0.16	ug/L			12/24/24 05:56	1
o-Xylene	ND		0.50	0.18	ug/L			12/24/24 05:56	1
m,p-Xylene	ND		1.0	0.39	ug/L			12/24/24 05:56	1
Xylenes, Total	ND		1.0	0.39	ug/L			12/24/24 05:56	1
Methyl-t-Butyl Ether (MTBE)	ND		0.50	0.14	ug/L			12/24/24 05:56	1
1,1,1,2-Tetrachloroethane	ND		0.50	0.20	ug/L			12/24/24 05:56	1
1,1,1-Trichloroethane	ND		0.50	0.20	ug/L			12/24/24 05:56	1
1,1,2,2-Tetrachloroethane	ND		0.50	0.14	ug/L			12/24/24 05:56	1
1,1,2-Trichloroethane	ND		0.50	0.18	ug/L			12/24/24 05:56	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50	0.25	ug/L			12/24/24 05:56	1
1,1-Dichloroethane	ND		0.50	0.21	ug/L			12/24/24 05:56	1
1,1-Dichloroethene	ND		0.50	0.21	ug/L			12/24/24 05:56	1
1,1-Dichloropropene	ND		0.50	0.16	ug/L			12/24/24 05:56	1
1,2,3-Trichlorobenzene	ND		0.50	0.26	ug/L			12/24/24 05:56	1
1,2,3-Trichloropropane	ND		0.50	0.31	ug/L			12/24/24 05:56	1
1,2,4-Trichlorobenzene	ND		0.50	0.26	ug/L			12/24/24 05:56	1
1,2,4-Trimethylbenzene	ND		0.50	0.22	ug/L			12/24/24 05:56	1
1,3,5-Trimethylbenzene	ND		0.50	0.19	ug/L			12/24/24 05:56	1
c-1,2-Dichloroethene	ND		0.50	0.16	ug/L			12/24/24 05:56	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.84	ug/L			12/24/24 05:56	1
1,2-Dichlorobenzene	ND		0.50	0.14	ug/L			12/24/24 05:56	1
1,2-Dichloroethane	ND		0.50	0.14	ug/L			12/24/24 05:56	1
1,2-Dichloropropane	ND		0.50	0.14	ug/L			12/24/24 05:56	1

Client Sample Results

Client: Stantec Consulting Services Inc
Job ID: 570-211547-1
Project/Site: ExxonMobil Gladiola Station / 238000257

Client Sample ID: Trip Blank
Lab Sample ID: 570-211547-2
Date Collected: 12/17/24 09:50
Matrix: Water
Date Received: 12/18/24 10:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
t-1,2-Dichloroethene	ND		0.50	0.22	ug/L			12/24/24 05:56	1
c-1,3-Dichloropropene	ND		0.50	0.15	ug/L			12/24/24 05:56	1
1,3-Dichlorobenzene	ND		0.50	0.16	ug/L			12/24/24 05:56	1
1,3-Dichloropropane	ND		0.50	0.19	ug/L			12/24/24 05:56	1
t-1,3-Dichloropropene	ND		0.50	0.21	ug/L			12/24/24 05:56	1
1,4-Dichlorobenzene	ND		0.50	0.11	ug/L			12/24/24 05:56	1
2,2-Dichloropropane	ND		0.50	0.26	ug/L			12/24/24 05:56	1
2-Chlorotoluene	ND		0.50	0.23	ug/L			12/24/24 05:56	1
4-Chlorotoluene	ND		0.50	0.24	ug/L			12/24/24 05:56	1
4-Methyl-2-pentanone	ND		5.0	1.6	ug/L			12/24/24 05:56	1
Acetone	ND		8.0	3.6	ug/L			12/24/24 05:56	1
Bromobenzene	ND		0.50	0.14	ug/L			12/24/24 05:56	1
Bromochloromethane	ND		1.0	0.27	ug/L			12/24/24 05:56	1
Bromoform	ND		0.50	0.28	ug/L			12/24/24 05:56	1
Bromomethane	ND		2.0	1.9	ug/L			12/24/24 05:56	1
Carbon disulfide	ND		1.0	0.32	ug/L			12/24/24 05:56	1
Carbon tetrachloride	ND		0.50	0.27	ug/L			12/24/24 05:56	1
Chlorobenzene	ND		0.50	0.12	ug/L			12/24/24 05:56	1
Dibromochloromethane	ND		0.50	0.21	ug/L			12/24/24 05:56	1
Chloroethane	ND		0.50	0.38	ug/L			12/24/24 05:56	1
Chloroform	ND		0.50	0.25	ug/L			12/24/24 05:56	1
Chloromethane	ND		1.0	0.65	ug/L			12/24/24 05:56	1
Dibromomethane	ND		0.50	0.16	ug/L			12/24/24 05:56	1
Bromodichloromethane	ND		0.50	0.15	ug/L			12/24/24 05:56	1
Dichlorodifluoromethane	ND		1.0	0.51	ug/L			12/24/24 05:56	1
1,2-Dibromoethane	ND		0.50	0.27	ug/L			12/24/24 05:56	1
Hexachloro-1,3-butadiene	ND		1.0	0.26	ug/L			12/24/24 05:56	1
Isopropylbenzene	ND		0.50	0.21	ug/L			12/24/24 05:56	1
2-Butanone	ND		5.0	2.9	ug/L			12/24/24 05:56	1
Methylene Chloride	ND		1.0	0.40	ug/L			12/24/24 05:56	1
2-Hexanone	ND		6.0	2.0	ug/L			12/24/24 05:56	1
Naphthalene	ND		1.0	0.55	ug/L			12/24/24 05:56	1
n-Butylbenzene	ND		0.50	0.24	ug/L			12/24/24 05:56	1
N-Propylbenzene	ND		0.50	0.18	ug/L			12/24/24 05:56	1
p-Isopropyltoluene	ND		0.50	0.20	ug/L			12/24/24 05:56	1
sec-Butylbenzene	ND		0.50	0.20	ug/L			12/24/24 05:56	1
Styrene	ND		0.50	0.27	ug/L			12/24/24 05:56	1
tert-Butylbenzene	ND		0.50	0.21	ug/L			12/24/24 05:56	1
Tetrachloroethene	ND		0.50	0.16	ug/L			12/24/24 05:56	1
Trichloroethene	ND		0.50	0.15	ug/L			12/24/24 05:56	1
Trichlorofluoromethane	ND		0.50	0.26	ug/L			12/24/24 05:56	1
Vinyl chloride	ND		0.50	0.23	ug/L			12/24/24 05:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*101*		*64 - 132*		*12/24/24 05:56*	*1*
4-Bromofluorobenzene (Surr)	*92*		*76 - 120*		*12/24/24 05:56*	*1*
Dibromofluoromethane (Surr)	*103*		*80 - 120*		*12/24/24 05:56*	*1*
Toluene-d8 (Surr)	*101*		*80 - 120*		*12/24/24 05:56*	*1*

Client Sample Results

Client: Stantec Consulting Services Inc
Job ID: 570-211547-1
Project/Site: ExxonMobil Gladiola Station / 238000257

Client Sample ID: MW22
Lab Sample ID: 570-211547-3
Date Collected: 12/17/24 10:35
Matrix: Water
Date Received: 12/18/24 10:30

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			12/24/24 02:38	1
Toluene	ND		0.50	0.14	ug/L			12/24/24 02:38	1
Ethylbenzene	ND		0.50	0.16	ug/L			12/24/24 02:38	1
o-Xylene	ND		0.50	0.18	ug/L			12/24/24 02:38	1
m,p-Xylene	ND		1.0	0.39	ug/L			12/24/24 02:38	1
Xylenes, Total	ND		1.0	0.39	ug/L			12/24/24 02:38	1
Methyl-t-Butyl Ether (MTBE)	ND		0.50	0.14	ug/L			12/24/24 02:38	1
1,1,1,2-Tetrachloroethane	ND		0.50	0.20	ug/L			12/24/24 02:38	1
1,1,1-Trichloroethane	ND		0.50	0.20	ug/L			12/24/24 02:38	1
1,1,2,2-Tetrachloroethane	ND		0.50	0.14	ug/L			12/24/24 02:38	1
1,1,2-Trichloroethane	ND		0.50	0.18	ug/L			12/24/24 02:38	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50	0.25	ug/L			12/24/24 02:38	1
1,1-Dichloroethane	ND		0.50	0.21	ug/L			12/24/24 02:38	1
1,1-Dichloroethene	ND		0.50	0.21	ug/L			12/24/24 02:38	1
1,1-Dichloropropene	ND		0.50	0.16	ug/L			12/24/24 02:38	1
1,2,3-Trichlorobenzene	ND		0.50	0.26	ug/L			12/24/24 02:38	1
1,2,3-Trichloropropane	ND		0.50	0.31	ug/L			12/24/24 02:38	1
1,2,4-Trichlorobenzene	ND		0.50	0.26	ug/L			12/24/24 02:38	1
1,2,4-Trimethylbenzene	ND		0.50	0.22	ug/L			12/24/24 02:38	1
1,3,5-Trimethylbenzene	ND		0.50	0.19	ug/L			12/24/24 02:38	1
c-1,2-Dichloroethene	ND		0.50	0.16	ug/L			12/24/24 02:38	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.84	ug/L			12/24/24 02:38	1
1,2-Dichlorobenzene	ND		0.50	0.14	ug/L			12/24/24 02:38	1
1,2-Dichloroethane	ND		0.50	0.14	ug/L			12/24/24 02:38	1
1,2-Dichloropropane	ND		0.50	0.14	ug/L			12/24/24 02:38	1
t-1,2-Dichloroethene	ND		0.50	0.22	ug/L			12/24/24 02:38	1
c-1,3-Dichloropropene	ND		0.50	0.15	ug/L			12/24/24 02:38	1
1,3-Dichlorobenzene	ND		0.50	0.16	ug/L			12/24/24 02:38	1
1,3-Dichloropropane	ND		0.50	0.19	ug/L			12/24/24 02:38	1
t-1,3-Dichloropropene	ND		0.50	0.21	ug/L			12/24/24 02:38	1
1,4-Dichlorobenzene	ND		0.50	0.11	ug/L			12/24/24 02:38	1
2,2-Dichloropropane	ND		0.50	0.26	ug/L			12/24/24 02:38	1
2-Chlorotoluene	ND		0.50	0.23	ug/L			12/24/24 02:38	1
4-Chlorotoluene	ND		0.50	0.24	ug/L			12/24/24 02:38	1
4-Methyl-2-pentanone	ND		5.0	1.6	ug/L			12/24/24 02:38	1
Acetone	ND		8.0	3.6	ug/L			12/24/24 02:38	1
Bromobenzene	ND		0.50	0.14	ug/L			12/24/24 02:38	1
Bromochloromethane	ND		1.0	0.27	ug/L			12/24/24 02:38	1
Bromoform	ND		0.50	0.28	ug/L			12/24/24 02:38	1
Bromomethane	ND		2.0	1.9	ug/L			12/24/24 02:38	1
Carbon disulfide	ND		1.0	0.32	ug/L			12/24/24 02:38	1
Carbon tetrachloride	ND		0.50	0.27	ug/L			12/24/24 02:38	1
Chlorobenzene	ND		0.50	0.12	ug/L			12/24/24 02:38	1
Dibromochloromethane	ND		0.50	0.21	ug/L			12/24/24 02:38	1
Chloroethane	ND		0.50	0.38	ug/L			12/24/24 02:38	1
Chloroform	ND		0.50	0.25	ug/L			12/24/24 02:38	1
Chloromethane	ND		1.0	0.65	ug/L			12/24/24 02:38	1
Dibromomethane	ND		0.50	0.16	ug/L			12/24/24 02:38	1
Bromodichloromethane	ND		0.50	0.15	ug/L			12/24/24 02:38	1

Client Sample Results

Client: Stantec Consulting Services Inc Job ID: 570-211547-1
Project/Site: ExxonMobil Gladiola Station / 238000257

Client Sample ID: MW22 **Lab Sample ID: 570-211547-3**
Date Collected: 12/17/24 10:35 **Matrix: Water**
Date Received: 12/18/24 10:30

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			12/24/24 02:38	1
1,2-Dibromoethane	ND		0.50	0.27	ug/L			12/24/24 02:38	1
Hexachloro-1,3-butadiene	ND		1.0	0.26	ug/L			12/24/24 02:38	1
Isopropylbenzene	ND		0.50	0.21	ug/L			12/24/24 02:38	1
2-Butanone	ND		5.0	2.9	ug/L			12/24/24 02:38	1
Methylene Chloride	ND		1.0	0.40	ug/L			12/24/24 02:38	1
2-Hexanone	ND		6.0	2.0	ug/L			12/24/24 02:38	1
Naphthalene	ND		1.0	0.55	ug/L			12/24/24 02:38	1
n-Butylbenzene	ND		0.50	0.24	ug/L			12/24/24 02:38	1
N-Propylbenzene	ND		0.50	0.18	ug/L			12/24/24 02:38	1
p-Isopropyltoluene	ND		0.50	0.20	ug/L			12/24/24 02:38	1
sec-Butylbenzene	ND		0.50	0.20	ug/L			12/24/24 02:38	1
Styrene	ND		0.50	0.27	ug/L			12/24/24 02:38	1
tert-Butylbenzene	ND		0.50	0.21	ug/L			12/24/24 02:38	1
Tetrachloroethene	ND		0.50	0.16	ug/L			12/24/24 02:38	1
Trichloroethene	ND		0.50	0.15	ug/L			12/24/24 02:38	1
Trichlorofluoromethane	ND		0.50	0.26	ug/L			12/24/24 02:38	1
Vinyl chloride	ND		0.50	0.23	ug/L			12/24/24 02:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*107*		*64 - 132*		*12/24/24 02:38*	*1*
4-Bromofluorobenzene (Surr)	*98*		*76 - 120*		*12/24/24 02:38*	*1*
Dibromofluoromethane (Surr)	*103*		*80 - 120*		*12/24/24 02:38*	*1*
Toluene-d8 (Surr)	*99*		*80 - 120*		*12/24/24 02:38*	*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		12/19/24 06:12	12/23/24 15:35	1
Acenaphthylene	ND		0.20	0.067	ug/L		12/19/24 06:12	12/23/24 15:35	1
Anthracene	ND		0.20	0.058	ug/L		12/19/24 06:12	12/23/24 15:35	1
Benzo[a]anthracene	ND		0.20	0.084	ug/L		12/19/24 06:12	12/23/24 15:35	1
Benzo[a]pyrene	ND		0.20	0.061	ug/L		12/19/24 06:12	12/23/24 15:35	1
Benzo[b]fluoranthene	ND		0.20	0.17	ug/L		12/19/24 06:12	12/23/24 15:35	1
Benzo[g,h,i]perylene	ND		0.20	0.099	ug/L		12/19/24 06:12	12/23/24 15:35	1
Benzo[k]fluoranthene	ND		0.20	0.15	ug/L		12/19/24 06:12	12/23/24 15:35	1
Chrysene	ND		0.20	0.058	ug/L		12/19/24 06:12	12/23/24 15:35	1
Dibenz(a,h)anthracene	ND		0.20	0.11	ug/L		12/19/24 06:12	12/23/24 15:35	1
Fluoranthene	ND		0.20	0.14	ug/L		12/19/24 06:12	12/23/24 15:35	1
Fluorene	ND		0.20	0.073	ug/L		12/19/24 06:12	12/23/24 15:35	1
Indeno[1,2,3-cd]pyrene	ND		0.20	0.10	ug/L		12/19/24 06:12	12/23/24 15:35	1
1-Methylnaphthalene	ND		0.20	0.071	ug/L		12/19/24 06:12	12/23/24 15:35	1
2-Methylnaphthalene	ND		0.20	0.075	ug/L		12/19/24 06:12	12/23/24 15:35	1
Naphthalene	ND		0.20	0.15	ug/L		12/19/24 06:12	12/23/24 15:35	1
Phenanthrene	ND		0.20	0.071	ug/L		12/19/24 06:12	12/23/24 15:35	1
Pyrene	ND		0.20	0.065	ug/L		12/19/24 06:12	12/23/24 15:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*79*		*33 - 144*	*12/19/24 06:12*	*12/23/24 15:35*	*1*
Nitrobenzene-d5 (Surr)	*81*		*28 - 139*	*12/19/24 06:12*	*12/23/24 15:35*	*1*
p-Terphenyl-d14 (Surr)	*82*		*23 - 160*	*12/19/24 06:12*	*12/23/24 15:35*	*1*

Client Sample Results

Client: Stantec Consulting Services Inc Job ID: 570-211547-1
Project/Site: ExxonMobil Gladiola Station / 238000257

Client Sample ID: MW22 Lab Sample ID: 570-211547-3

Date Collected: 12/17/24 10:35 **Matrix: Water**
Date Received: 12/18/24 10:30

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**29**		5.0	1.8	mg/L			01/02/25 20:26	5

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		12/19/24 02:37	12/27/24 11:50	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		12/19/24 07:55	12/23/24 15:53	1
Barium	**0.0216**		0.0100	0.00111	mg/L		12/19/24 07:55	12/23/24 15:53	1
Cadmium	ND		0.0100	0.000620	mg/L		12/19/24 07:55	12/23/24 15:53	1
Chromium	ND		0.0500	0.00296	mg/L		12/19/24 07:55	12/23/24 15:53	1
Lead	**0.00590**	**J**	0.0500	0.00527	mg/L		12/19/24 07:55	12/23/24 15:53	1
Selenium	ND		0.0500	0.0162	mg/L		12/19/24 07:55	12/23/24 15:53	1
Silver	ND		0.0100	0.00259	mg/L		12/19/24 07:55	12/23/24 15:53	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	**637**		10.0	8.35	mg/L			12/23/24 15:18	1

Client Sample ID: MW30 Lab Sample ID: 570-211547-4

Date Collected: 12/17/24 14:20 **Matrix: Water**
Date Received: 12/18/24 10:30

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			12/24/24 03:04	1
Toluene	ND		0.50	0.14	ug/L			12/24/24 03:04	1
Ethylbenzene	ND		0.50	0.16	ug/L			12/24/24 03:04	1
o-Xylene	ND		0.50	0.18	ug/L			12/24/24 03:04	1
m,p-Xylene	ND		1.0	0.39	ug/L			12/24/24 03:04	1
Xylenes, Total	ND		1.0	0.39	ug/L			12/24/24 03:04	1
Methyl-t-Butyl Ether (MTBE)	ND		0.50	0.14	ug/L			12/24/24 03:04	1
1,1,1,2-Tetrachloroethane	ND		0.50	0.20	ug/L			12/24/24 03:04	1
1,1,1-Trichloroethane	ND		0.50	0.20	ug/L			12/24/24 03:04	1
1,1,2,2-Tetrachloroethane	ND		0.50	0.14	ug/L			12/24/24 03:04	1
1,1,2-Trichloroethane	ND		0.50	0.18	ug/L			12/24/24 03:04	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50	0.25	ug/L			12/24/24 03:04	1
1,1-Dichloroethane	ND		0.50	0.21	ug/L			12/24/24 03:04	1
1,1-Dichloroethene	ND		0.50	0.21	ug/L			12/24/24 03:04	1
1,1-Dichloropropene	ND		0.50	0.16	ug/L			12/24/24 03:04	1
1,2,3-Trichlorobenzene	ND		0.50	0.26	ug/L			12/24/24 03:04	1
1,2,3-Trichloropropane	ND		0.50	0.31	ug/L			12/24/24 03:04	1
1,2,4-Trichlorobenzene	ND		0.50	0.26	ug/L			12/24/24 03:04	1
1,2,4-Trimethylbenzene	ND		0.50	0.22	ug/L			12/24/24 03:04	1
1,3,5-Trimethylbenzene	ND		0.50	0.19	ug/L			12/24/24 03:04	1
c-1,2-Dichloroethene	ND		0.50	0.16	ug/L			12/24/24 03:04	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.84	ug/L			12/24/24 03:04	1
1,2-Dichlorobenzene	ND		0.50	0.14	ug/L			12/24/24 03:04	1
1,2-Dichloroethane	ND		0.50	0.14	ug/L			12/24/24 03:04	1
1,2-Dichloropropane	ND		0.50	0.14	ug/L			12/24/24 03:04	1

Client Sample Results

Client: Stantec Consulting Services Inc Job ID: 570-211547-1
Project/Site: ExxonMobil Gladiola Station / 238000257

Client Sample ID: MW30 **Lab Sample ID: 570-211547-4**
Date Collected: 12/17/24 14:20 **Matrix: Water**
Date Received: 12/18/24 10:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
t-1,2-Dichloroethene	ND		0.50	0.22	ug/L			12/24/24 03:04	1
c-1,3-Dichloropropene	ND		0.50	0.15	ug/L			12/24/24 03:04	1
1,3-Dichlorobenzene	ND		0.50	0.16	ug/L			12/24/24 03:04	1
1,3-Dichloropropane	ND		0.50	0.19	ug/L			12/24/24 03:04	1
t-1,3-Dichloropropene	ND		0.50	0.21	ug/L			12/24/24 03:04	1
1,4-Dichlorobenzene	ND		0.50	0.11	ug/L			12/24/24 03:04	1
2,2-Dichloropropane	ND		0.50	0.26	ug/L			12/24/24 03:04	1
2-Chlorotoluene	ND		0.50	0.23	ug/L			12/24/24 03:04	1
4-Chlorotoluene	ND		0.50	0.24	ug/L			12/24/24 03:04	1
4-Methyl-2-pentanone	ND		5.0	1.6	ug/L			12/24/24 03:04	1
Acetone	ND		8.0	3.6	ug/L			12/24/24 03:04	1
Bromobenzene	ND		0.50	0.14	ug/L			12/24/24 03:04	1
Bromochloromethane	ND		1.0	0.27	ug/L			12/24/24 03:04	1
Bromoform	ND		0.50	0.28	ug/L			12/24/24 03:04	1
Bromomethane	ND		2.0	1.9	ug/L			12/24/24 03:04	1
Carbon disulfide	ND		1.0	0.32	ug/L			12/24/24 03:04	1
Carbon tetrachloride	ND		0.50	0.27	ug/L			12/24/24 03:04	1
Chlorobenzene	ND		0.50	0.12	ug/L			12/24/24 03:04	1
Dibromochloromethane	ND		0.50	0.21	ug/L			12/24/24 03:04	1
Chloroethane	ND		0.50	0.38	ug/L			12/24/24 03:04	1
Chloroform	ND		0.50	0.25	ug/L			12/24/24 03:04	1
Chloromethane	ND		1.0	0.65	ug/L			12/24/24 03:04	1
Dibromomethane	ND		0.50	0.16	ug/L			12/24/24 03:04	1
Bromodichloromethane	ND		0.50	0.15	ug/L			12/24/24 03:04	1
Dichlorodifluoromethane	ND		1.0	0.51	ug/L			12/24/24 03:04	1
1,2-Dibromoethane	ND		0.50	0.27	ug/L			12/24/24 03:04	1
Hexachloro-1,3-butadiene	ND		1.0	0.26	ug/L			12/24/24 03:04	1
Isopropylbenzene	ND		0.50	0.21	ug/L			12/24/24 03:04	1
2-Butanone	ND		5.0	2.9	ug/L			12/24/24 03:04	1
Methylene Chloride	ND		1.0	0.40	ug/L			12/24/24 03:04	1
2-Hexanone	ND		6.0	2.0	ug/L			12/24/24 03:04	1
Naphthalene	ND		1.0	0.55	ug/L			12/24/24 03:04	1
n-Butylbenzene	ND		0.50	0.24	ug/L			12/24/24 03:04	1
N-Propylbenzene	ND		0.50	0.18	ug/L			12/24/24 03:04	1
p-Isopropyltoluene	ND		0.50	0.20	ug/L			12/24/24 03:04	1
sec-Butylbenzene	ND		0.50	0.20	ug/L			12/24/24 03:04	1
Styrene	ND		0.50	0.27	ug/L			12/24/24 03:04	1
tert-Butylbenzene	ND		0.50	0.21	ug/L			12/24/24 03:04	1
Tetrachloroethene	ND		0.50	0.16	ug/L			12/24/24 03:04	1
Trichloroethene	ND		0.50	0.15	ug/L			12/24/24 03:04	1
Trichlorofluoromethane	ND		0.50	0.26	ug/L			12/24/24 03:04	1
Vinyl chloride	ND		0.50	0.23	ug/L			12/24/24 03:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*106*		*64 - 132*		*12/24/24 03:04*	*1*
4-Bromofluorobenzene (Surr)	*94*		*76 - 120*		*12/24/24 03:04*	*1*
Dibromofluoromethane (Surr)	*103*		*80 - 120*		*12/24/24 03:04*	*1*
Toluene-d8 (Surr)	*100*		*80 - 120*		*12/24/24 03:04*	*1*

Client Sample Results

Client: Stantec Consulting Services Inc
Job ID: 570-211547-1
Project/Site: ExxonMobil Gladiola Station / 238000257

Client Sample ID: MW30
Lab Sample ID: 570-211547-4
Date Collected: 12/17/24 14:20
Matrix: Water
Date Received: 12/18/24 10:30

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		12/20/24 19:26	12/26/24 16:41	1
Acenaphthylene	ND		0.20	0.069	ug/L		12/20/24 19:26	12/26/24 16:41	1
Anthracene	ND		0.20	0.059	ug/L		12/20/24 19:26	12/26/24 16:41	1
Benzo[a]anthracene	ND		0.20	0.085	ug/L		12/20/24 19:26	12/26/24 16:41	1
Benzo[a]pyrene	ND		0.20	0.062	ug/L		12/20/24 19:26	12/26/24 16:41	1
Benzo[b]fluoranthene	ND		0.20	0.18	ug/L		12/20/24 19:26	12/26/24 16:41	1
Benzo[g,h,i]perylene	ND		0.20	0.10	ug/L		12/20/24 19:26	12/26/24 16:41	1
Benzo[k]fluoranthene	ND		0.20	0.15	ug/L		12/20/24 19:26	12/26/24 16:41	1
Chrysene	ND		0.20	0.059	ug/L		12/20/24 19:26	12/26/24 16:41	1
Dibenz(a,h)anthracene	ND		0.20	0.11	ug/L		12/20/24 19:26	12/26/24 16:41	1
Fluoranthene	ND		0.20	0.14	ug/L		12/20/24 19:26	12/26/24 16:41	1
Fluorene	ND		0.20	0.075	ug/L		12/20/24 19:26	12/26/24 16:41	1
Indeno[1,2,3-cd]pyrene	ND		0.20	0.11	ug/L		12/20/24 19:26	12/26/24 16:41	1
1-Methylnaphthalene	ND		0.20	0.073	ug/L		12/20/24 19:26	12/26/24 16:41	1
2-Methylnaphthalene	ND		0.20	0.077	ug/L		12/20/24 19:26	12/26/24 16:41	1
Naphthalene	ND		0.20	0.15	ug/L		12/20/24 19:26	12/26/24 16:41	1
Phenanthrene	ND		0.20	0.073	ug/L		12/20/24 19:26	12/26/24 16:41	1
Pyrene	ND		0.20	0.066	ug/L		12/20/24 19:26	12/26/24 16:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*84*		*33 - 144*	*12/20/24 19:26*	*12/26/24 16:41*	*1*
Nitrobenzene-d5 (Surr)	*93*		*28 - 139*	*12/20/24 19:26*	*12/26/24 16:41*	*1*
p-Terphenyl-d14 (Surr)	*80*		*23 - 160*	*12/20/24 19:26*	*12/26/24 16:41*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**80**		5.0	1.8	mg/L			01/02/25 20:43	5

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		12/19/24 02:37	12/27/24 11:52	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		12/19/24 07:55	12/19/24 17:35	1
Barium	**0.0412**		0.0100	0.00111	mg/L		12/19/24 07:55	12/19/24 17:35	1
Cadmium	ND		0.0100	0.000620	mg/L		12/19/24 07:55	12/19/24 17:35	1
Chromium	ND		0.0500	0.00296	mg/L		12/19/24 07:55	12/19/24 17:35	1
Lead	ND		0.0500	0.00527	mg/L		12/19/24 07:55	12/19/24 17:35	1
Selenium	ND		0.0500	0.0162	mg/L		12/19/24 07:55	12/19/24 17:35	1
Silver	ND		0.0100	0.00259	mg/L		12/19/24 07:55	12/19/24 17:35	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	**604**		10.0	8.35	mg/L			12/23/24 15:18	1

Client Sample Results

Client: Stantec Consulting Services Inc
Job ID: 570-211547-1
Project/Site: ExxonMobil Gladiola Station / 238000257

Client Sample ID: MW31
Lab Sample ID: 570-211547-5
Date Collected: 12/17/24 08:45
Matrix: Water
Date Received: 12/18/24 10:30

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			12/24/24 03:30	1
Toluene	ND		0.50	0.14	ug/L			12/24/24 03:30	1
Ethylbenzene	ND		0.50	0.16	ug/L			12/24/24 03:30	1
o-Xylene	ND		0.50	0.18	ug/L			12/24/24 03:30	1
m,p-Xylene	ND		1.0	0.39	ug/L			12/24/24 03:30	1
Xylenes, Total	ND		1.0	0.39	ug/L			12/24/24 03:30	1
Methyl-t-Butyl Ether (MTBE)	ND		0.50	0.14	ug/L			12/24/24 03:30	1
1,1,1,2-Tetrachloroethane	ND		0.50	0.20	ug/L			12/24/24 03:30	1
1,1,1-Trichloroethane	ND		0.50	0.20	ug/L			12/24/24 03:30	1
1,1,2,2-Tetrachloroethane	ND		0.50	0.14	ug/L			12/24/24 03:30	1
1,1,2-Trichloroethane	ND		0.50	0.18	ug/L			12/24/24 03:30	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50	0.25	ug/L			12/24/24 03:30	1
1,1-Dichloroethane	ND		0.50	0.21	ug/L			12/24/24 03:30	1
1,1-Dichloroethene	ND		0.50	0.21	ug/L			12/24/24 03:30	1
1,1-Dichloropropene	ND		0.50	0.16	ug/L			12/24/24 03:30	1
1,2,3-Trichlorobenzene	ND		0.50	0.26	ug/L			12/24/24 03:30	1
1,2,3-Trichloropropane	ND		0.50	0.31	ug/L			12/24/24 03:30	1
1,2,4-Trichlorobenzene	ND		0.50	0.26	ug/L			12/24/24 03:30	1
1,2,4-Trimethylbenzene	ND		0.50	0.22	ug/L			12/24/24 03:30	1
1,3,5-Trimethylbenzene	ND		0.50	0.19	ug/L			12/24/24 03:30	1
c-1,2-Dichloroethene	ND		0.50	0.16	ug/L			12/24/24 03:30	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.84	ug/L			12/24/24 03:30	1
1,2-Dichlorobenzene	ND		0.50	0.14	ug/L			12/24/24 03:30	1
1,2-Dichloroethane	ND		0.50	0.14	ug/L			12/24/24 03:30	1
1,2-Dichloropropane	ND		0.50	0.14	ug/L			12/24/24 03:30	1
t-1,2-Dichloroethene	ND		0.50	0.22	ug/L			12/24/24 03:30	1
c-1,3-Dichloropropene	ND		0.50	0.15	ug/L			12/24/24 03:30	1
1,3-Dichlorobenzene	ND		0.50	0.16	ug/L			12/24/24 03:30	1
1,3-Dichloropropane	ND		0.50	0.19	ug/L			12/24/24 03:30	1
t-1,3-Dichloropropene	ND		0.50	0.21	ug/L			12/24/24 03:30	1
1,4-Dichlorobenzene	ND		0.50	0.11	ug/L			12/24/24 03:30	1
2,2-Dichloropropane	ND		0.50	0.26	ug/L			12/24/24 03:30	1
2-Chlorotoluene	ND		0.50	0.23	ug/L			12/24/24 03:30	1
4-Chlorotoluene	ND		0.50	0.24	ug/L			12/24/24 03:30	1
4-Methyl-2-pentanone	ND		5.0	1.6	ug/L			12/24/24 03:30	1
Acetone	ND		8.0	3.6	ug/L			12/24/24 03:30	1
Bromobenzene	ND		0.50	0.14	ug/L			12/24/24 03:30	1
Bromochloromethane	ND		1.0	0.27	ug/L			12/24/24 03:30	1
Bromoform	ND		0.50	0.28	ug/L			12/24/24 03:30	1
Bromomethane	ND		2.0	1.9	ug/L			12/24/24 03:30	1
Carbon disulfide	ND		1.0	0.32	ug/L			12/24/24 03:30	1
Carbon tetrachloride	ND		0.50	0.27	ug/L			12/24/24 03:30	1
Chlorobenzene	ND		0.50	0.12	ug/L			12/24/24 03:30	1
Dibromochloromethane	ND		0.50	0.21	ug/L			12/24/24 03:30	1
Chloroethane	ND		0.50	0.38	ug/L			12/24/24 03:30	1
Chloroform	ND		0.50	0.25	ug/L			12/24/24 03:30	1
Chloromethane	ND		1.0	0.65	ug/L			12/24/24 03:30	1
Dibromomethane	ND		0.50	0.16	ug/L			12/24/24 03:30	1
Bromodichloromethane	ND		0.50	0.15	ug/L			12/24/24 03:30	1

Client Sample Results

Client: Stantec Consulting Services Inc Job ID: 570-211547-1
Project/Site: ExxonMobil Gladiola Station / 238000257

Client Sample ID: MW31 **Lab Sample ID: 570-211547-5**
Date Collected: 12/17/24 08:45 **Matrix: Water**
Date Received: 12/18/24 10:30

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			12/24/24 03:30	1
1,2-Dibromoethane	ND		0.50	0.27	ug/L			12/24/24 03:30	1
Hexachloro-1,3-butadiene	ND		1.0	0.26	ug/L			12/24/24 03:30	1
Isopropylbenzene	ND		0.50	0.21	ug/L			12/24/24 03:30	1
2-Butanone	ND		5.0	2.9	ug/L			12/24/24 03:30	1
Methylene Chloride	ND		1.0	0.40	ug/L			12/24/24 03:30	1
2-Hexanone	ND		6.0	2.0	ug/L			12/24/24 03:30	1
Naphthalene	ND		1.0	0.55	ug/L			12/24/24 03:30	1
n-Butylbenzene	ND		0.50	0.24	ug/L			12/24/24 03:30	1
N-Propylbenzene	ND		0.50	0.18	ug/L			12/24/24 03:30	1
p-Isopropyltoluene	ND		0.50	0.20	ug/L			12/24/24 03:30	1
sec-Butylbenzene	**0.42**	**J**	0.50	0.20	ug/L			12/24/24 03:30	1
Styrene	ND		0.50	0.27	ug/L			12/24/24 03:30	1
tert-Butylbenzene	ND		0.50	0.21	ug/L			12/24/24 03:30	1
Tetrachloroethene	ND		0.50	0.16	ug/L			12/24/24 03:30	1
Trichloroethene	ND		0.50	0.15	ug/L			12/24/24 03:30	1
Trichlorofluoromethane	ND		0.50	0.26	ug/L			12/24/24 03:30	1
Vinyl chloride	ND		0.50	0.23	ug/L			12/24/24 03:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*102*		*64 - 132*		*12/24/24 03:30*	*1*
4-Bromofluorobenzene (Surr)	*95*		*76 - 120*		*12/24/24 03:30*	*1*
Dibromofluoromethane (Surr)	*99*		*80 - 120*		*12/24/24 03:30*	*1*
Toluene-d8 (Surr)	*101*		*80 - 120*		*12/24/24 03:30*	*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		12/19/24 06:12	12/23/24 15:57	1
Acenaphthylene	ND		0.21	0.072	ug/L		12/19/24 06:12	12/23/24 15:57	1
Anthracene	ND		0.21	0.062	ug/L		12/19/24 06:12	12/23/24 15:57	1
Benzo[a]anthracene	ND		0.21	0.089	ug/L		12/19/24 06:12	12/23/24 15:57	1
Benzo[a]pyrene	ND		0.21	0.065	ug/L		12/19/24 06:12	12/23/24 15:57	1
Benzo[b]fluoranthene	ND		0.21	0.18	ug/L		12/19/24 06:12	12/23/24 15:57	1
Benzo[g,h,i]perylene	ND		0.21	0.11	ug/L		12/19/24 06:12	12/23/24 15:57	1
Benzo[k]fluoranthene	ND		0.21	0.16	ug/L		12/19/24 06:12	12/23/24 15:57	1
Chrysene	ND		0.21	0.062	ug/L		12/19/24 06:12	12/23/24 15:57	1
Dibenz(a,h)anthracene	ND		0.21	0.12	ug/L		12/19/24 06:12	12/23/24 15:57	1
Fluoranthene	ND		0.21	0.15	ug/L		12/19/24 06:12	12/23/24 15:57	1
Fluorene	ND		0.21	0.078	ug/L		12/19/24 06:12	12/23/24 15:57	1
Indeno[1,2,3-cd]pyrene	ND		0.21	0.11	ug/L		12/19/24 06:12	12/23/24 15:57	1
1-Methylnaphthalene	ND		0.21	0.076	ug/L		12/19/24 06:12	12/23/24 15:57	1
2-Methylnaphthalene	ND		0.21	0.080	ug/L		12/19/24 06:12	12/23/24 15:57	1
Naphthalene	ND		0.21	0.16	ug/L		12/19/24 06:12	12/23/24 15:57	1
Phenanthrene	ND		0.21	0.076	ug/L		12/19/24 06:12	12/23/24 15:57	1
Pyrene	ND		0.21	0.069	ug/L		12/19/24 06:12	12/23/24 15:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*84*		*33 - 144*	*12/19/24 06:12*	*12/23/24 15:57*	*1*
Nitrobenzene-d5 (Surr)	*82*		*28 - 139*	*12/19/24 06:12*	*12/23/24 15:57*	*1*
p-Terphenyl-d14 (Surr)	*90*		*23 - 160*	*12/19/24 06:12*	*12/23/24 15:57*	*1*

Client Sample Results

Client: Stantec Consulting Services Inc Job ID: 570-211547-1
Project/Site: ExxonMobil Gladiola Station / 238000257

Client Sample ID: MW31 Lab Sample ID: 570-211547-5

Date Collected: 12/17/24 08:45 **Matrix: Water**
Date Received: 12/18/24 10:30

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**56**		5.0	1.8	mg/L			01/02/25 21:33	5

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		12/19/24 02:37	12/27/24 11:54	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		12/19/24 07:55	12/19/24 17:37	1
Barium	**0.538**		0.0100	0.00111	mg/L		12/19/24 07:55	12/19/24 17:37	1
Cadmium	ND		0.0100	0.000620	mg/L		12/19/24 07:55	12/19/24 17:37	1
Chromium	ND		0.0500	0.00296	mg/L		12/19/24 07:55	12/19/24 17:37	1
Lead	ND		0.0500	0.00527	mg/L		12/19/24 07:55	12/19/24 17:37	1
Selenium	ND		0.0500	0.0162	mg/L		12/19/24 07:55	12/19/24 17:37	1
Silver	ND		0.0100	0.00259	mg/L		12/19/24 07:55	12/19/24 17:37	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	**655**		10.0	8.35	mg/L			12/23/24 17:08	1

Client Sample ID: MW32 Lab Sample ID: 570-211547-6

Date Collected: 12/17/24 11:10 **Matrix: Water**
Date Received: 12/18/24 10:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	**0.48**	**J**	0.50	0.14	ug/L			12/24/24 03:57	1
Toluene	ND		0.50	0.14	ug/L			12/24/24 03:57	1
Ethylbenzene	**0.27**	**J**	0.50	0.16	ug/L			12/24/24 03:57	1
o-Xylene	ND		0.50	0.18	ug/L			12/24/24 03:57	1
m,p-Xylene	ND		1.0	0.39	ug/L			12/24/24 03:57	1
Xylenes, Total	ND		1.0	0.39	ug/L			12/24/24 03:57	1
Methyl-t-Butyl Ether (MTBE)	ND		0.50	0.14	ug/L			12/24/24 03:57	1
1,1,1,2-Tetrachloroethane	ND		0.50	0.20	ug/L			12/24/24 03:57	1
1,1,1-Trichloroethane	ND		0.50	0.20	ug/L			12/24/24 03:57	1
1,1,2,2-Tetrachloroethane	ND		0.50	0.14	ug/L			12/24/24 03:57	1
1,1,2-Trichloroethane	ND		0.50	0.18	ug/L			12/24/24 03:57	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50	0.25	ug/L			12/24/24 03:57	1
1,1-Dichloroethane	ND		0.50	0.21	ug/L			12/24/24 03:57	1
1,1-Dichloroethene	ND		0.50	0.21	ug/L			12/24/24 03:57	1
1,1-Dichloropropene	ND		0.50	0.16	ug/L			12/24/24 03:57	1
1,2,3-Trichlorobenzene	ND		0.50	0.26	ug/L			12/24/24 03:57	1
1,2,3-Trichloropropane	ND		0.50	0.31	ug/L			12/24/24 03:57	1
1,2,4-Trichlorobenzene	ND		0.50	0.26	ug/L			12/24/24 03:57	1
1,2,4-Trimethylbenzene	ND		0.50	0.22	ug/L			12/24/24 03:57	1
1,3,5-Trimethylbenzene	ND		0.50	0.19	ug/L			12/24/24 03:57	1
c-1,2-Dichloroethene	ND		0.50	0.16	ug/L			12/24/24 03:57	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.84	ug/L			12/24/24 03:57	1
1,2-Dichlorobenzene	ND		0.50	0.14	ug/L			12/24/24 03:57	1
1,2-Dichloroethane	ND		0.50	0.14	ug/L			12/24/24 03:57	1
1,2-Dichloropropane	ND		0.50	0.14	ug/L			12/24/24 03:57	1

Client Sample Results

Client: Stantec Consulting Services Inc Job ID: 570-211547-1
Project/Site: ExxonMobil Gladiola Station / 238000257

Client Sample ID: MW32 **Lab Sample ID: 570-211547-6**
Date Collected: 12/17/24 11:10 **Matrix: Water**
Date Received: 12/18/24 10:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
t-1,2-Dichloroethene	ND		0.50	0.22	ug/L			12/24/24 03:57	1
c-1,3-Dichloropropene	ND		0.50	0.15	ug/L			12/24/24 03:57	1
1,3-Dichlorobenzene	ND		0.50	0.16	ug/L			12/24/24 03:57	1
1,3-Dichloropropane	ND		0.50	0.19	ug/L			12/24/24 03:57	1
t-1,3-Dichloropropene	ND		0.50	0.21	ug/L			12/24/24 03:57	1
1,4-Dichlorobenzene	ND		0.50	0.11	ug/L			12/24/24 03:57	1
2,2-Dichloropropane	ND		0.50	0.26	ug/L			12/24/24 03:57	1
2-Chlorotoluene	ND		0.50	0.23	ug/L			12/24/24 03:57	1
4-Chlorotoluene	ND		0.50	0.24	ug/L			12/24/24 03:57	1
4-Methyl-2-pentanone	ND		5.0	1.6	ug/L			12/24/24 03:57	1
Acetone	ND		8.0	3.6	ug/L			12/24/24 03:57	1
Bromobenzene	ND		0.50	0.14	ug/L			12/24/24 03:57	1
Bromochloromethane	ND		1.0	0.27	ug/L			12/24/24 03:57	1
Bromoform	ND		0.50	0.28	ug/L			12/24/24 03:57	1
Bromomethane	ND		2.0	1.9	ug/L			12/24/24 03:57	1
Carbon disulfide	ND		1.0	0.32	ug/L			12/24/24 03:57	1
Carbon tetrachloride	ND		0.50	0.27	ug/L			12/24/24 03:57	1
Chlorobenzene	ND		0.50	0.12	ug/L			12/24/24 03:57	1
Dibromochloromethane	ND		0.50	0.21	ug/L			12/24/24 03:57	1
Chloroethane	ND		0.50	0.38	ug/L			12/24/24 03:57	1
Chloroform	ND		0.50	0.25	ug/L			12/24/24 03:57	1
Chloromethane	ND		1.0	0.65	ug/L			12/24/24 03:57	1
Dibromomethane	ND		0.50	0.16	ug/L			12/24/24 03:57	1
Bromodichloromethane	ND		0.50	0.15	ug/L			12/24/24 03:57	1
Dichlorodifluoromethane	ND		1.0	0.51	ug/L			12/24/24 03:57	1
1,2-Dibromoethane	ND		0.50	0.27	ug/L			12/24/24 03:57	1
Hexachloro-1,3-butadiene	ND		1.0	0.26	ug/L			12/24/24 03:57	1
Isopropylbenzene	**0.35**	**J**	0.50	0.21	ug/L			12/24/24 03:57	1
2-Butanone	ND		5.0	2.9	ug/L			12/24/24 03:57	1
Methylene Chloride	ND		1.0	0.40	ug/L			12/24/24 03:57	1
2-Hexanone	ND		6.0	2.0	ug/L			12/24/24 03:57	1
Naphthalene	ND		1.0	0.55	ug/L			12/24/24 03:57	1
n-Butylbenzene	ND		0.50	0.24	ug/L			12/24/24 03:57	1
N-Propylbenzene	ND		0.50	0.18	ug/L			12/24/24 03:57	1
p-Isopropyltoluene	ND		0.50	0.20	ug/L			12/24/24 03:57	1
sec-Butylbenzene	**0.53**		0.50	0.20	ug/L			12/24/24 03:57	1
Styrene	ND		0.50	0.27	ug/L			12/24/24 03:57	1
tert-Butylbenzene	**0.83**		0.50	0.21	ug/L			12/24/24 03:57	1
Tetrachloroethene	ND		0.50	0.16	ug/L			12/24/24 03:57	1
Trichloroethene	ND		0.50	0.15	ug/L			12/24/24 03:57	1
Trichlorofluoromethane	ND		0.50	0.26	ug/L			12/24/24 03:57	1
Vinyl chloride	ND		0.50	0.23	ug/L			12/24/24 03:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*107*		*64 - 132*		*12/24/24 03:57*	*1*
4-Bromofluorobenzene (Surr)	*95*		*76 - 120*		*12/24/24 03:57*	*1*
Dibromofluoromethane (Surr)	*105*		*80 - 120*		*12/24/24 03:57*	*1*
Toluene-d8 (Surr)	*101*		*80 - 120*		*12/24/24 03:57*	*1*

Client Sample Results

Client: Stantec Consulting Services Inc
Job ID: 570-211547-1
Project/Site: ExxonMobil Gladiola Station / 238000257

Client Sample ID: MW32
Lab Sample ID: 570-211547-6
Date Collected: 12/17/24 11:10
Matrix: Water
Date Received: 12/18/24 10:30

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		12/19/24 06:12	12/23/24 16:20	1
Acenaphthylene	ND		0.20	0.067	ug/L		12/19/24 06:12	12/23/24 16:20	1
Anthracene	ND		0.20	0.058	ug/L		12/19/24 06:12	12/23/24 16:20	1
Benzo[a]anthracene	ND		0.20	0.084	ug/L		12/19/24 06:12	12/23/24 16:20	1
Benzo[a]pyrene	ND		0.20	0.061	ug/L		12/19/24 06:12	12/23/24 16:20	1
Benzo[b]fluoranthene	ND		0.20	0.17	ug/L		12/19/24 06:12	12/23/24 16:20	1
Benzo[g,h,i]perylene	ND		0.20	0.098	ug/L		12/19/24 06:12	12/23/24 16:20	1
Benzo[k]fluoranthene	ND		0.20	0.15	ug/L		12/19/24 06:12	12/23/24 16:20	1
Chrysene	ND		0.20	0.058	ug/L		12/19/24 06:12	12/23/24 16:20	1
Dibenz(a,h)anthracene	ND		0.20	0.11	ug/L		12/19/24 06:12	12/23/24 16:20	1
Fluoranthene	ND		0.20	0.14	ug/L		12/19/24 06:12	12/23/24 16:20	1
Fluorene	**0.25**		0.20	0.073	ug/L		12/19/24 06:12	12/23/24 16:20	1
Indeno[1,2,3-cd]pyrene	ND		0.20	0.10	ug/L		12/19/24 06:12	12/23/24 16:20	1
1-Methylnaphthalene	**0.19**	**J**	0.20	0.071	ug/L		12/19/24 06:12	12/23/24 16:20	1
2-Methylnaphthalene	ND		0.20	0.075	ug/L		12/19/24 06:12	12/23/24 16:20	1
Naphthalene	ND		0.20	0.15	ug/L		12/19/24 06:12	12/23/24 16:20	1
Phenanthrene	ND		0.20	0.071	ug/L		12/19/24 06:12	12/23/24 16:20	1
Pyrene	ND		0.20	0.065	ug/L		12/19/24 06:12	12/23/24 16:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*77*		*33 - 144*	*12/19/24 06:12*	*12/23/24 16:20*	*1*
Nitrobenzene-d5 (Surr)	*72*		*28 - 139*	*12/19/24 06:12*	*12/23/24 16:20*	*1*
p-Terphenyl-d14 (Surr)	*79*		*23 - 160*	*12/19/24 06:12*	*12/23/24 16:20*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**25**		5.0	1.8	mg/L			01/02/25 21:50	5

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		12/19/24 02:37	12/27/24 11:59	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		12/19/24 07:55	12/23/24 12:42	1
Barium	**0.265**		0.0100	0.00111	mg/L		12/19/24 07:55	12/23/24 12:42	1
Cadmium	ND		0.0100	0.000620	mg/L		12/19/24 07:55	12/23/24 12:42	1
Chromium	ND		0.0500	0.00296	mg/L		12/19/24 07:55	12/23/24 12:42	1
Lead	ND		0.0500	0.00527	mg/L		12/19/24 07:55	12/23/24 12:42	1
Selenium	ND		0.0500	0.0162	mg/L		12/19/24 07:55	12/23/24 12:42	1
Silver	ND		0.0100	0.00259	mg/L		12/19/24 07:55	12/23/24 12:42	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	**624**		10.0	8.35	mg/L			12/23/24 17:08	1

Client Sample Results

Client: Stantec Consulting Services Inc
Job ID: 570-211547-1
Project/Site: ExxonMobil Gladiola Station / 238000257

Client Sample ID: MW33
Lab Sample ID: 570-211547-7
Date Collected: 12/17/24 13:20
Matrix: Water
Date Received: 12/18/24 10:30

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			12/24/24 04:23	1
Toluene	ND		0.50	0.14	ug/L			12/24/24 04:23	1
Ethylbenzene	ND		0.50	0.16	ug/L			12/24/24 04:23	1
o-Xylene	ND		0.50	0.18	ug/L			12/24/24 04:23	1
m,p-Xylene	ND		1.0	0.39	ug/L			12/24/24 04:23	1
Xylenes, Total	ND		1.0	0.39	ug/L			12/24/24 04:23	1
Methyl-t-Butyl Ether (MTBE)	ND		0.50	0.14	ug/L			12/24/24 04:23	1
1,1,1,2-Tetrachloroethane	ND		0.50	0.20	ug/L			12/24/24 04:23	1
1,1,1-Trichloroethane	ND		0.50	0.20	ug/L			12/24/24 04:23	1
1,1,2,2-Tetrachloroethane	ND		0.50	0.14	ug/L			12/24/24 04:23	1
1,1,2-Trichloroethane	ND		0.50	0.18	ug/L			12/24/24 04:23	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50	0.25	ug/L			12/24/24 04:23	1
1,1-Dichloroethane	ND		0.50	0.21	ug/L			12/24/24 04:23	1
1,1-Dichloroethene	ND		0.50	0.21	ug/L			12/24/24 04:23	1
1,1-Dichloropropene	ND		0.50	0.16	ug/L			12/24/24 04:23	1
1,2,3-Trichlorobenzene	ND		0.50	0.26	ug/L			12/24/24 04:23	1
1,2,3-Trichloropropane	ND		0.50	0.31	ug/L			12/24/24 04:23	1
1,2,4-Trichlorobenzene	ND		0.50	0.26	ug/L			12/24/24 04:23	1
1,2,4-Trimethylbenzene	ND		0.50	0.22	ug/L			12/24/24 04:23	1
1,3,5-Trimethylbenzene	ND		0.50	0.19	ug/L			12/24/24 04:23	1
c-1,2-Dichloroethene	ND		0.50	0.16	ug/L			12/24/24 04:23	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.84	ug/L			12/24/24 04:23	1
1,2-Dichlorobenzene	ND		0.50	0.14	ug/L			12/24/24 04:23	1
1,2-Dichloroethane	ND		0.50	0.14	ug/L			12/24/24 04:23	1
1,2-Dichloropropane	ND		0.50	0.14	ug/L			12/24/24 04:23	1
t-1,2-Dichloroethene	ND		0.50	0.22	ug/L			12/24/24 04:23	1
c-1,3-Dichloropropene	ND		0.50	0.15	ug/L			12/24/24 04:23	1
1,3-Dichlorobenzene	ND		0.50	0.16	ug/L			12/24/24 04:23	1
1,3-Dichloropropane	ND		0.50	0.19	ug/L			12/24/24 04:23	1
t-1,3-Dichloropropene	ND		0.50	0.21	ug/L			12/24/24 04:23	1
1,4-Dichlorobenzene	ND		0.50	0.11	ug/L			12/24/24 04:23	1
2,2-Dichloropropane	ND		0.50	0.26	ug/L			12/24/24 04:23	1
2-Chlorotoluene	ND		0.50	0.23	ug/L			12/24/24 04:23	1
4-Chlorotoluene	ND		0.50	0.24	ug/L			12/24/24 04:23	1
4-Methyl-2-pentanone	ND		5.0	1.6	ug/L			12/24/24 04:23	1
Acetone	ND		8.0	3.6	ug/L			12/24/24 04:23	1
Bromobenzene	ND		0.50	0.14	ug/L			12/24/24 04:23	1
Bromochloromethane	ND		1.0	0.27	ug/L			12/24/24 04:23	1
Bromoform	ND		0.50	0.28	ug/L			12/24/24 04:23	1
Bromomethane	ND		2.0	1.9	ug/L			12/24/24 04:23	1
Carbon disulfide	ND		1.0	0.32	ug/L			12/24/24 04:23	1
Carbon tetrachloride	ND		0.50	0.27	ug/L			12/24/24 04:23	1
Chlorobenzene	ND		0.50	0.12	ug/L			12/24/24 04:23	1
Dibromochloromethane	ND		0.50	0.21	ug/L			12/24/24 04:23	1
Chloroethane	ND		0.50	0.38	ug/L			12/24/24 04:23	1
Chloroform	ND		0.50	0.25	ug/L			12/24/24 04:23	1
Chloromethane	ND		1.0	0.65	ug/L			12/24/24 04:23	1
Dibromomethane	ND		0.50	0.16	ug/L			12/24/24 04:23	1
Bromodichloromethane	ND		0.50	0.15	ug/L			12/24/24 04:23	1

Client Sample Results

Client: Stantec Consulting Services Inc Job ID: 570-211547-1
Project/Site: ExxonMobil Gladiola Station / 238000257

Client Sample ID: MW33 **Lab Sample ID: 570-211547-7**
Date Collected: 12/17/24 13:20 **Matrix: Water**
Date Received: 12/18/24 10:30

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			12/24/24 04:23	1
1,2-Dibromoethane	ND		0.50	0.27	ug/L			12/24/24 04:23	1
Hexachloro-1,3-butadiene	ND		1.0	0.26	ug/L			12/24/24 04:23	1
Isopropylbenzene	ND		0.50	0.21	ug/L			12/24/24 04:23	1
2-Butanone	ND		5.0	2.9	ug/L			12/24/24 04:23	1
Methylene Chloride	ND		1.0	0.40	ug/L			12/24/24 04:23	1
2-Hexanone	ND		6.0	2.0	ug/L			12/24/24 04:23	1
Naphthalene	ND		1.0	0.55	ug/L			12/24/24 04:23	1
n-Butylbenzene	ND		0.50	0.24	ug/L			12/24/24 04:23	1
N-Propylbenzene	ND		0.50	0.18	ug/L			12/24/24 04:23	1
p-Isopropyltoluene	ND		0.50	0.20	ug/L			12/24/24 04:23	1
sec-Butylbenzene	ND		0.50	0.20	ug/L			12/24/24 04:23	1
Styrene	ND		0.50	0.27	ug/L			12/24/24 04:23	1
tert-Butylbenzene	ND		0.50	0.21	ug/L			12/24/24 04:23	1
Tetrachloroethene	ND		0.50	0.16	ug/L			12/24/24 04:23	1
Trichloroethene	ND		0.50	0.15	ug/L			12/24/24 04:23	1
Trichlorofluoromethane	ND		0.50	0.26	ug/L			12/24/24 04:23	1
Vinyl chloride	ND		0.50	0.23	ug/L			12/24/24 04:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*107*		*64 - 132*		*12/24/24 04:23*	*1*
4-Bromofluorobenzene (Surr)	*95*		*76 - 120*		*12/24/24 04:23*	*1*
Dibromofluoromethane (Surr)	*106*		*80 - 120*		*12/24/24 04:23*	*1*
Toluene-d8 (Surr)	*99*		*80 - 120*		*12/24/24 04:23*	*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		12/19/24 06:12	12/23/24 16:42	1
Acenaphthylene	ND		0.20	0.069	ug/L		12/19/24 06:12	12/23/24 16:42	1
Anthracene	ND		0.20	0.059	ug/L		12/19/24 06:12	12/23/24 16:42	1
Benzo[a]anthracene	ND		0.20	0.085	ug/L		12/19/24 06:12	12/23/24 16:42	1
Benzo[a]pyrene	ND		0.20	0.062	ug/L		12/19/24 06:12	12/23/24 16:42	1
Benzo[b]fluoranthene	ND		0.20	0.17	ug/L		12/19/24 06:12	12/23/24 16:42	1
Benzo[g,h,i]perylene	ND		0.20	0.10	ug/L		12/19/24 06:12	12/23/24 16:42	1
Benzo[k]fluoranthene	ND		0.20	0.15	ug/L		12/19/24 06:12	12/23/24 16:42	1
Chrysene	ND		0.20	0.059	ug/L		12/19/24 06:12	12/23/24 16:42	1
Dibenz(a,h)anthracene	ND		0.20	0.11	ug/L		12/19/24 06:12	12/23/24 16:42	1
Fluoranthene	ND		0.20	0.14	ug/L		12/19/24 06:12	12/23/24 16:42	1
Fluorene	ND		0.20	0.075	ug/L		12/19/24 06:12	12/23/24 16:42	1
Indeno[1,2,3-cd]pyrene	ND		0.20	0.11	ug/L		12/19/24 06:12	12/23/24 16:42	1
1-Methylnaphthalene	ND		0.20	0.073	ug/L		12/19/24 06:12	12/23/24 16:42	1
2-Methylnaphthalene	ND		0.20	0.077	ug/L		12/19/24 06:12	12/23/24 16:42	1
Naphthalene	ND		0.20	0.15	ug/L		12/19/24 06:12	12/23/24 16:42	1
Phenanthrene	ND		0.20	0.073	ug/L		12/19/24 06:12	12/23/24 16:42	1
Pyrene	ND		0.20	0.066	ug/L		12/19/24 06:12	12/23/24 16:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*86*		*33 - 144*	*12/19/24 06:12*	*12/23/24 16:42*	*1*
Nitrobenzene-d5 (Surr)	*83*		*28 - 139*	*12/19/24 06:12*	*12/23/24 16:42*	*1*
p-Terphenyl-d14 (Surr)	*81*		*23 - 160*	*12/19/24 06:12*	*12/23/24 16:42*	*1*

Client Sample Results

Client: Stantec Consulting Services Inc Job ID: 570-211547-1
Project/Site: ExxonMobil Gladiola Station / 238000257

Client Sample ID: MW33 Lab Sample ID: 570-211547-7

Date Collected: 12/17/24 13:20 **Matrix: Water**
Date Received: 12/18/24 10:30

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**210**		5.0	1.8	mg/L			01/02/25 22:07	5

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		12/19/24 02:37	12/27/24 12:01	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		12/19/24 07:55	12/23/24 12:44	1
Barium	**0.511**		0.0100	0.00111	mg/L		12/19/24 07:55	12/23/24 12:44	1
Cadmium	ND		0.0100	0.000620	mg/L		12/19/24 07:55	12/23/24 12:44	1
Chromium	**0.0145**	**J**	0.0500	0.00296	mg/L		12/19/24 07:55	12/23/24 12:44	1
Lead	ND		0.0500	0.00527	mg/L		12/19/24 07:55	12/23/24 12:44	1
Selenium	ND		0.0500	0.0162	mg/L		12/19/24 07:55	12/23/24 12:44	1
Silver	ND		0.0100	0.00259	mg/L		12/19/24 07:55	12/23/24 12:44	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	**938**		10.0	8.35	mg/L			12/23/24 17:08	1

Client Sample ID: MW34 Lab Sample ID: 570-211547-8

Date Collected: 12/17/24 12:20 **Matrix: Water**
Date Received: 12/18/24 10:30

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			12/24/24 04:49	1
Toluene	ND		0.50	0.14	ug/L			12/24/24 04:49	1
Ethylbenzene	ND		0.50	0.16	ug/L			12/24/24 04:49	1
o-Xylene	ND		0.50	0.18	ug/L			12/24/24 04:49	1
m,p-Xylene	ND		1.0	0.39	ug/L			12/24/24 04:49	1
Xylenes, Total	ND		1.0	0.39	ug/L			12/24/24 04:49	1
Methyl-t-Butyl Ether (MTBE)	ND		0.50	0.14	ug/L			12/24/24 04:49	1
1,1,1,2-Tetrachloroethane	ND		0.50	0.20	ug/L			12/24/24 04:49	1
1,1,1-Trichloroethane	ND		0.50	0.20	ug/L			12/24/24 04:49	1
1,1,2,2-Tetrachloroethane	ND		0.50	0.14	ug/L			12/24/24 04:49	1
1,1,2-Trichloroethane	ND		0.50	0.18	ug/L			12/24/24 04:49	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50	0.25	ug/L			12/24/24 04:49	1
1,1-Dichloroethane	ND		0.50	0.21	ug/L			12/24/24 04:49	1
1,1-Dichloroethene	ND		0.50	0.21	ug/L			12/24/24 04:49	1
1,1-Dichloropropene	ND		0.50	0.16	ug/L			12/24/24 04:49	1
1,2,3-Trichlorobenzene	ND		0.50	0.26	ug/L			12/24/24 04:49	1
1,2,3-Trichloropropane	ND		0.50	0.31	ug/L			12/24/24 04:49	1
1,2,4-Trichlorobenzene	ND		0.50	0.26	ug/L			12/24/24 04:49	1
1,2,4-Trimethylbenzene	ND		0.50	0.22	ug/L			12/24/24 04:49	1
1,3,5-Trimethylbenzene	ND		0.50	0.19	ug/L			12/24/24 04:49	1
c-1,2-Dichloroethene	ND		0.50	0.16	ug/L			12/24/24 04:49	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.84	ug/L			12/24/24 04:49	1
1,2-Dichlorobenzene	ND		0.50	0.14	ug/L			12/24/24 04:49	1
1,2-Dichloroethane	ND		0.50	0.14	ug/L			12/24/24 04:49	1
1,2-Dichloropropane	ND		0.50	0.14	ug/L			12/24/24 04:49	1

Client Sample Results

Client: Stantec Consulting Services Inc Job ID: 570-211547-1
Project/Site: ExxonMobil Gladiola Station / 238000257

Client Sample ID: MW34 **Lab Sample ID: 570-211547-8**
Date Collected: 12/17/24 12:20 **Matrix: Water**
Date Received: 12/18/24 10:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
t-1,2-Dichloroethene	ND		0.50	0.22	ug/L			12/24/24 04:49	1
c-1,3-Dichloropropene	ND		0.50	0.15	ug/L			12/24/24 04:49	1
1,3-Dichlorobenzene	ND		0.50	0.16	ug/L			12/24/24 04:49	1
1,3-Dichloropropane	ND		0.50	0.19	ug/L			12/24/24 04:49	1
t-1,3-Dichloropropene	ND		0.50	0.21	ug/L			12/24/24 04:49	1
1,4-Dichlorobenzene	ND		0.50	0.11	ug/L			12/24/24 04:49	1
2,2-Dichloropropane	ND		0.50	0.26	ug/L			12/24/24 04:49	1
2-Chlorotoluene	ND		0.50	0.23	ug/L			12/24/24 04:49	1
4-Chlorotoluene	ND		0.50	0.24	ug/L			12/24/24 04:49	1
4-Methyl-2-pentanone	ND		5.0	1.6	ug/L			12/24/24 04:49	1
Acetone	ND		8.0	3.6	ug/L			12/24/24 04:49	1
Bromobenzene	ND		0.50	0.14	ug/L			12/24/24 04:49	1
Bromochloromethane	ND		1.0	0.27	ug/L			12/24/24 04:49	1
Bromoform	ND		0.50	0.28	ug/L			12/24/24 04:49	1
Bromomethane	ND		2.0	1.9	ug/L			12/24/24 04:49	1
Carbon disulfide	ND		1.0	0.32	ug/L			12/24/24 04:49	1
Carbon tetrachloride	ND		0.50	0.27	ug/L			12/24/24 04:49	1
Chlorobenzene	ND		0.50	0.12	ug/L			12/24/24 04:49	1
Dibromochloromethane	ND		0.50	0.21	ug/L			12/24/24 04:49	1
Chloroethane	ND		0.50	0.38	ug/L			12/24/24 04:49	1
Chloroform	ND		0.50	0.25	ug/L			12/24/24 04:49	1
Chloromethane	ND		1.0	0.65	ug/L			12/24/24 04:49	1
Dibromomethane	ND		0.50	0.16	ug/L			12/24/24 04:49	1
Bromodichloromethane	ND		0.50	0.15	ug/L			12/24/24 04:49	1
Dichlorodifluoromethane	ND		1.0	0.51	ug/L			12/24/24 04:49	1
1,2-Dibromoethane	ND		0.50	0.27	ug/L			12/24/24 04:49	1
Hexachloro-1,3-butadiene	ND		1.0	0.26	ug/L			12/24/24 04:49	1
Isopropylbenzene	ND		0.50	0.21	ug/L			12/24/24 04:49	1
2-Butanone	ND		5.0	2.9	ug/L			12/24/24 04:49	1
Methylene Chloride	ND		1.0	0.40	ug/L			12/24/24 04:49	1
2-Hexanone	ND		6.0	2.0	ug/L			12/24/24 04:49	1
Naphthalene	ND		1.0	0.55	ug/L			12/24/24 04:49	1
n-Butylbenzene	ND		0.50	0.24	ug/L			12/24/24 04:49	1
N-Propylbenzene	ND		0.50	0.18	ug/L			12/24/24 04:49	1
p-Isopropyltoluene	ND		0.50	0.20	ug/L			12/24/24 04:49	1
sec-Butylbenzene	ND		0.50	0.20	ug/L			12/24/24 04:49	1
Styrene	ND		0.50	0.27	ug/L			12/24/24 04:49	1
tert-Butylbenzene	ND		0.50	0.21	ug/L			12/24/24 04:49	1
Tetrachloroethene	ND		0.50	0.16	ug/L			12/24/24 04:49	1
Trichloroethene	ND		0.50	0.15	ug/L			12/24/24 04:49	1
Trichlorofluoromethane	ND		0.50	0.26	ug/L			12/24/24 04:49	1
Vinyl chloride	ND		0.50	0.23	ug/L			12/24/24 04:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*105*		*64 - 132*		*12/24/24 04:49*	*1*
4-Bromofluorobenzene (Surr)	*96*		*76 - 120*		*12/24/24 04:49*	*1*
Dibromofluoromethane (Surr)	*103*		*80 - 120*		*12/24/24 04:49*	*1*
Toluene-d8 (Surr)	*100*		*80 - 120*		*12/24/24 04:49*	*1*

Client Sample Results

Client: Stantec Consulting Services Inc Job ID: 570-211547-1
Project/Site: ExxonMobil Gladiola Station / 238000257

Client Sample ID: MW34 Lab Sample ID: 570-211547-8

Date Collected: 12/17/24 12:20 **Matrix: Water**
Date Received: 12/18/24 10:30

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		12/19/24 06:12	12/23/24 17:05	1
Acenaphthylene	ND		0.21	0.071	ug/L		12/19/24 06:12	12/23/24 17:05	1
Anthracene	ND		0.21	0.061	ug/L		12/19/24 06:12	12/23/24 17:05	1
Benzo[a]anthracene	ND		0.21	0.088	ug/L		12/19/24 06:12	12/23/24 17:05	1
Benzo[a]pyrene	ND		0.21	0.064	ug/L		12/19/24 06:12	12/23/24 17:05	1
Benzo[b]fluoranthene	ND		0.21	0.18	ug/L		12/19/24 06:12	12/23/24 17:05	1
Benzo[g,h,i]perylene	ND		0.21	0.10	ug/L		12/19/24 06:12	12/23/24 17:05	1
Benzo[k]fluoranthene	ND		0.21	0.16	ug/L		12/19/24 06:12	12/23/24 17:05	1
Chrysene	ND		0.21	0.061	ug/L		12/19/24 06:12	12/23/24 17:05	1
Dibenz(a,h)anthracene	ND		0.21	0.12	ug/L		12/19/24 06:12	12/23/24 17:05	1
Fluoranthene	ND		0.21	0.14	ug/L		12/19/24 06:12	12/23/24 17:05	1
Fluorene	ND		0.21	0.077	ug/L		12/19/24 06:12	12/23/24 17:05	1
Indeno[1,2,3-cd]pyrene	ND		0.21	0.11	ug/L		12/19/24 06:12	12/23/24 17:05	1
1-Methylnaphthalene	ND		0.21	0.075	ug/L		12/19/24 06:12	12/23/24 17:05	1
2-Methylnaphthalene	ND		0.21	0.079	ug/L		12/19/24 06:12	12/23/24 17:05	1
Naphthalene	ND		0.21	0.15	ug/L		12/19/24 06:12	12/23/24 17:05	1
Phenanthrene	ND		0.21	0.075	ug/L		12/19/24 06:12	12/23/24 17:05	1
Pyrene	ND		0.21	0.068	ug/L		12/19/24 06:12	12/23/24 17:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*83*		*33 - 144*	*12/19/24 06:12*	*12/23/24 17:05*	*1*
Nitrobenzene-d5 (Surr)	*83*		*28 - 139*	*12/19/24 06:12*	*12/23/24 17:05*	*1*
p-Terphenyl-d14 (Surr)	*86*		*23 - 160*	*12/19/24 06:12*	*12/23/24 17:05*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**76**		5.0	1.8	mg/L			01/02/25 22:24	5

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		12/19/24 02:37	12/27/24 12:03	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		12/19/24 07:55	12/19/24 17:44	1
Barium	**0.218**		0.0100	0.00111	mg/L		12/19/24 07:55	12/19/24 17:44	1
Cadmium	ND		0.0100	0.000620	mg/L		12/19/24 07:55	12/19/24 17:44	1
Chromium	**0.00630**	**J**	0.0500	0.00296	mg/L		12/19/24 07:55	12/19/24 17:44	1
Lead	ND		0.0500	0.00527	mg/L		12/19/24 07:55	12/19/24 17:44	1
Selenium	ND		0.0500	0.0162	mg/L		12/19/24 07:55	12/19/24 17:44	1
Silver	ND		0.0100	0.00259	mg/L		12/19/24 07:55	12/19/24 17:44	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	**651**		10.0	8.35	mg/L			12/23/24 17:08	1

Client Sample Results

Client: Stantec Consulting Services Inc
Job ID: 570-211547-1
Project/Site: ExxonMobil Gladiola Station / 238000257

Client Sample ID: Trip Blank
Lab Sample ID: 570-211547-9

Date Collected: 12/17/24 08:45
Matrix: Water
Date Received: 12/18/24 10:30

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			12/24/24 05:07	1
Toluene	ND		0.50	0.14	ug/L			12/24/24 05:07	1
Ethylbenzene	ND		0.50	0.16	ug/L			12/24/24 05:07	1
o-Xylene	ND		0.50	0.18	ug/L			12/24/24 05:07	1
m,p-Xylene	ND		1.0	0.39	ug/L			12/24/24 05:07	1
Xylenes, Total	ND		1.0	0.39	ug/L			12/24/24 05:07	1
Methyl-t-Butyl Ether (MTBE)	ND		0.50	0.14	ug/L			12/24/24 05:07	1
1,1,1,2-Tetrachloroethane	ND		0.50	0.20	ug/L			12/24/24 05:07	1
1,1,1-Trichloroethane	ND		0.50	0.20	ug/L			12/24/24 05:07	1
1,1,2,2-Tetrachloroethane	ND		0.50	0.14	ug/L			12/24/24 05:07	1
1,1,2-Trichloroethane	ND		0.50	0.18	ug/L			12/24/24 05:07	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50	0.25	ug/L			12/24/24 05:07	1
1,1-Dichloroethane	ND		0.50	0.21	ug/L			12/24/24 05:07	1
1,1-Dichloroethene	ND		0.50	0.21	ug/L			12/24/24 05:07	1
1,1-Dichloropropene	ND		0.50	0.16	ug/L			12/24/24 05:07	1
1,2,3-Trichlorobenzene	ND		0.50	0.26	ug/L			12/24/24 05:07	1
1,2,3-Trichloropropane	ND		0.50	0.31	ug/L			12/24/24 05:07	1
1,2,4-Trichlorobenzene	ND		0.50	0.26	ug/L			12/24/24 05:07	1
1,2,4-Trimethylbenzene	ND		0.50	0.22	ug/L			12/24/24 05:07	1
1,3,5-Trimethylbenzene	ND		0.50	0.19	ug/L			12/24/24 05:07	1
c-1,2-Dichloroethene	ND		0.50	0.16	ug/L			12/24/24 05:07	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.84	ug/L			12/24/24 05:07	1
1,2-Dichlorobenzene	ND		0.50	0.14	ug/L			12/24/24 05:07	1
1,2-Dichloroethane	ND		0.50	0.14	ug/L			12/24/24 05:07	1
1,2-Dichloropropane	ND		0.50	0.14	ug/L			12/24/24 05:07	1
t-1,2-Dichloroethene	ND		0.50	0.22	ug/L			12/24/24 05:07	1
c-1,3-Dichloropropene	ND		0.50	0.15	ug/L			12/24/24 05:07	1
1,3-Dichlorobenzene	ND		0.50	0.16	ug/L			12/24/24 05:07	1
1,3-Dichloropropane	ND		0.50	0.19	ug/L			12/24/24 05:07	1
t-1,3-Dichloropropene	ND		0.50	0.21	ug/L			12/24/24 05:07	1
1,4-Dichlorobenzene	ND		0.50	0.11	ug/L			12/24/24 05:07	1
2,2-Dichloropropane	ND		0.50	0.26	ug/L			12/24/24 05:07	1
2-Chlorotoluene	ND		0.50	0.23	ug/L			12/24/24 05:07	1
4-Chlorotoluene	ND		0.50	0.24	ug/L			12/24/24 05:07	1
4-Methyl-2-pentanone	ND		5.0	1.6	ug/L			12/24/24 05:07	1
Acetone	ND		8.0	3.6	ug/L			12/24/24 05:07	1
Bromobenzene	ND		0.50	0.14	ug/L			12/24/24 05:07	1
Bromochloromethane	ND		1.0	0.27	ug/L			12/24/24 05:07	1
Bromoform	ND		0.50	0.28	ug/L			12/24/24 05:07	1
Bromomethane	ND		2.0	1.9	ug/L			12/24/24 05:07	1
Carbon disulfide	ND		1.0	0.32	ug/L			12/24/24 05:07	1
Carbon tetrachloride	ND		0.50	0.27	ug/L			12/24/24 05:07	1
Chlorobenzene	ND		0.50	0.12	ug/L			12/24/24 05:07	1
Dibromochloromethane	ND		0.50	0.21	ug/L			12/24/24 05:07	1
Chloroethane	ND		0.50	0.38	ug/L			12/24/24 05:07	1
Chloroform	ND		0.50	0.25	ug/L			12/24/24 05:07	1
Chloromethane	ND		1.0	0.65	ug/L			12/24/24 05:07	1
Dibromomethane	ND		0.50	0.16	ug/L			12/24/24 05:07	1
Bromodichloromethane	ND		0.50	0.15	ug/L			12/24/24 05:07	1

Client Sample Results

Client: Stantec Consulting Services Inc Job ID: 570-211547-1
Project/Site: ExxonMobil Gladiola Station / 238000257

Client Sample ID: Trip Blank **Lab Sample ID: 570-211547-9**
Date Collected: 12/17/24 08:45 **Matrix: Water**
Date Received: 12/18/24 10:30

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			12/24/24 05:07	1
1,2-Dibromoethane	ND		0.50	0.27	ug/L			12/24/24 05:07	1
Hexachloro-1,3-butadiene	ND		1.0	0.26	ug/L			12/24/24 05:07	1
Isopropylbenzene	ND		0.50	0.21	ug/L			12/24/24 05:07	1
2-Butanone	ND		5.0	2.9	ug/L			12/24/24 05:07	1
Methylene Chloride	ND		1.0	0.40	ug/L			12/24/24 05:07	1
2-Hexanone	ND		6.0	2.0	ug/L			12/24/24 05:07	1
Naphthalene	ND		1.0	0.55	ug/L			12/24/24 05:07	1
n-Butylbenzene	ND		0.50	0.24	ug/L			12/24/24 05:07	1
N-Propylbenzene	ND		0.50	0.18	ug/L			12/24/24 05:07	1
p-Isopropyltoluene	ND		0.50	0.20	ug/L			12/24/24 05:07	1
sec-Butylbenzene	ND		0.50	0.20	ug/L			12/24/24 05:07	1
Styrene	ND		0.50	0.27	ug/L			12/24/24 05:07	1
tert-Butylbenzene	ND		0.50	0.21	ug/L			12/24/24 05:07	1
Tetrachloroethene	ND		0.50	0.16	ug/L			12/24/24 05:07	1
Trichloroethene	ND		0.50	0.15	ug/L			12/24/24 05:07	1
Trichlorofluoromethane	ND		0.50	0.26	ug/L			12/24/24 05:07	1
Vinyl chloride	ND		0.50	0.23	ug/L			12/24/24 05:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*98*		*64 - 132*		*12/24/24 05:07*	*1*
4-Bromofluorobenzene (Surr)	*92*		*76 - 120*		*12/24/24 05:07*	*1*
Dibromofluoromethane (Surr)	*102*		*80 - 120*		*12/24/24 05:07*	*1*
Toluene-d8 (Surr)	*99*		*80 - 120*		*12/24/24 05:07*	*1*

Surrogate Summary

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

Job ID: 570-211547-1

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

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
		DCA	BFB	DBFM	TOL
Lab Sample ID	Client Sample ID	(64-132)	(76-120)	(80-120)	(80-120)
570-211547-1	MW11	103	96	100	100
570-211547-2	Trip Blank	101	92	103	101
570-211547-3	MW22	107	98	103	99
570-211547-4	MW30	106	94	103	100
570-211547-5	MW31	102	95	99	101
570-211547-6	MW32	107	95	105	101
570-211547-7	MW33	107	95	106	99
570-211547-8	MW34	105	96	103	100
570-211547-9	Trip Blank	98	92	102	99
LCS 570-517273/1005	Lab Control Sample	100	98	101	102
LCS 570-517364/1002	Lab Control Sample	93	97	98	101
LCSD 570-517273/6	Lab Control Sample Dup	102	98	103	100
LCSD 570-517364/3	Lab Control Sample Dup	97	98	100	99
MB 570-517273/8	Method Blank	101	96	101	98
MB 570-517364/6	Method Blank	97	91	100	101

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)		
		FBP	NBZ	TPHd14
Lab Sample ID	Client Sample ID	(33-144)	(28-139)	(23-160)
570-211547-1	MW11	78	78	71
570-211547-3	MW22	79	81	82
570-211547-4	MW30	84	93	80
570-211547-5	MW31	84	82	90
570-211547-6	MW32	77	72	79
570-211547-7	MW33	86	83	81
570-211547-8	MW34	83	83	86
LCS 570-515510/2-A	Lab Control Sample	77	72	80
LCS 570-516627/2-A	Lab Control Sample	90	95	78
LCSD 570-515510/3-A	Lab Control Sample Dup	77	71	80
LCSD 570-516627/3-A	Lab Control Sample Dup	95	99	82
MB 570-515510/1-A	Method Blank	51	52	57
MB 570-516627/1-A	Method Blank	86	95	83

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: 570-211547-1

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

Lab Sample ID: MB 570-517273/8
Matrix: Water
Analysis Batch: 517273

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			12/23/24 22:43	1
Toluene	ND		0.50	0.14	ug/L			12/23/24 22:43	1
Ethylbenzene	ND		0.50	0.16	ug/L			12/23/24 22:43	1
o-Xylene	ND		0.50	0.18	ug/L			12/23/24 22:43	1
m,p-Xylene	ND		1.0	0.39	ug/L			12/23/24 22:43	1
Xylenes, Total	ND		1.0	0.39	ug/L			12/23/24 22:43	1
Methyl-t-Butyl Ether (MTBE)	ND		0.50	0.14	ug/L			12/23/24 22:43	1
1,1,1,2-Tetrachloroethane	ND		0.50	0.20	ug/L			12/23/24 22:43	1
1,1,1-Trichloroethane	ND		0.50	0.20	ug/L			12/23/24 22:43	1
1,1,2,2-Tetrachloroethane	ND		0.50	0.14	ug/L			12/23/24 22:43	1
1,1,2-Trichloroethane	ND		0.50	0.18	ug/L			12/23/24 22:43	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50	0.25	ug/L			12/23/24 22:43	1
1,1-Dichloroethane	ND		0.50	0.21	ug/L			12/23/24 22:43	1
1,1-Dichloroethene	ND		0.50	0.21	ug/L			12/23/24 22:43	1
1,1-Dichloropropene	ND		0.50	0.16	ug/L			12/23/24 22:43	1
1,2,3-Trichlorobenzene	ND		0.50	0.26	ug/L			12/23/24 22:43	1
1,2,3-Trichloropropane	ND		0.50	0.31	ug/L			12/23/24 22:43	1
1,2,4-Trichlorobenzene	ND		0.50	0.26	ug/L			12/23/24 22:43	1
1,2,4-Trimethylbenzene	ND		0.50	0.22	ug/L			12/23/24 22:43	1
1,3,5-Trimethylbenzene	ND		0.50	0.19	ug/L			12/23/24 22:43	1
c-1,2-Dichloroethene	ND		0.50	0.16	ug/L			12/23/24 22:43	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.84	ug/L			12/23/24 22:43	1
1,2-Dichlorobenzene	ND		0.50	0.14	ug/L			12/23/24 22:43	1
1,2-Dichloroethane	ND		0.50	0.14	ug/L			12/23/24 22:43	1
1,2-Dichloropropane	ND		0.50	0.14	ug/L			12/23/24 22:43	1
t-1,2-Dichloroethene	ND		0.50	0.22	ug/L			12/23/24 22:43	1
c-1,3-Dichloropropene	ND		0.50	0.15	ug/L			12/23/24 22:43	1
1,3-Dichlorobenzene	ND		0.50	0.16	ug/L			12/23/24 22:43	1
1,3-Dichloropropane	ND		0.50	0.19	ug/L			12/23/24 22:43	1
t-1,3-Dichloropropene	ND		0.50	0.21	ug/L			12/23/24 22:43	1
1,4-Dichlorobenzene	ND		0.50	0.11	ug/L			12/23/24 22:43	1
2,2-Dichloropropane	ND		0.50	0.26	ug/L			12/23/24 22:43	1
2-Chlorotoluene	ND		0.50	0.23	ug/L			12/23/24 22:43	1
4-Chlorotoluene	ND		0.50	0.24	ug/L			12/23/24 22:43	1
4-Methyl-2-pentanone	ND		5.0	1.6	ug/L			12/23/24 22:43	1
Acetone	ND		8.0	3.6	ug/L			12/23/24 22:43	1
Bromobenzene	ND		0.50	0.14	ug/L			12/23/24 22:43	1
Bromochloromethane	ND		1.0	0.27	ug/L			12/23/24 22:43	1
Bromoform	ND		0.50	0.28	ug/L			12/23/24 22:43	1
Bromomethane	ND		2.0	1.9	ug/L			12/23/24 22:43	1
Carbon disulfide	ND		1.0	0.32	ug/L			12/23/24 22:43	1
Carbon tetrachloride	ND		0.50	0.27	ug/L			12/23/24 22:43	1
Chlorobenzene	ND		0.50	0.12	ug/L			12/23/24 22:43	1
Dibromochloromethane	ND		0.50	0.21	ug/L			12/23/24 22:43	1
Chloroethane	ND		0.50	0.38	ug/L			12/23/24 22:43	1
Chloroform	ND		0.50	0.25	ug/L			12/23/24 22:43	1
Chloromethane	ND		1.0	0.65	ug/L			12/23/24 22:43	1
Dibromomethane	ND		0.50	0.16	ug/L			12/23/24 22:43	1

QC Sample Results

Client: Stantec Consulting Services Inc
Job ID: 570-211547-1
Project/Site: ExxonMobil Gladiola Station / 238000257

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

Lab Sample ID: MB 570-517273/8
Matrix: Water
Analysis Batch: 517273

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			12/23/24 22:43	1
Dichlorodifluoromethane	ND		1.0	0.51	ug/L			12/23/24 22:43	1
1,2-Dibromoethane	ND		0.50	0.27	ug/L			12/23/24 22:43	1
Hexachloro-1,3-butadiene	ND		1.0	0.26	ug/L			12/23/24 22:43	1
Isopropylbenzene	ND		0.50	0.21	ug/L			12/23/24 22:43	1
2-Butanone	ND		5.0	2.9	ug/L			12/23/24 22:43	1
Methylene Chloride	ND		1.0	0.40	ug/L			12/23/24 22:43	1
2-Hexanone	ND		6.0	2.0	ug/L			12/23/24 22:43	1
Naphthalene	ND		1.0	0.55	ug/L			12/23/24 22:43	1
n-Butylbenzene	ND		0.50	0.24	ug/L			12/23/24 22:43	1
N-Propylbenzene	ND		0.50	0.18	ug/L			12/23/24 22:43	1
p-Isopropyltoluene	ND		0.50	0.20	ug/L			12/23/24 22:43	1
sec-Butylbenzene	ND		0.50	0.20	ug/L			12/23/24 22:43	1
Styrene	ND		0.50	0.27	ug/L			12/23/24 22:43	1
tert-Butylbenzene	ND		0.50	0.21	ug/L			12/23/24 22:43	1
Tetrachloroethene	ND		0.50	0.16	ug/L			12/23/24 22:43	1
Trichloroethene	ND		0.50	0.15	ug/L			12/23/24 22:43	1
Trichlorofluoromethane	ND		0.50	0.26	ug/L			12/23/24 22:43	1
Vinyl chloride	ND		0.50	0.23	ug/L			12/23/24 22:43	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*101*		*64 - 132*		*12/23/24 22:43*	*1*
4-Bromofluorobenzene (Surr)	*96*		*76 - 120*		*12/23/24 22:43*	*1*
Dibromofluoromethane (Surr)	*101*		*80 - 120*		*12/23/24 22:43*	*1*
Toluene-d8 (Surr)	*98*		*80 - 120*		*12/23/24 22:43*	*1*

Lab Sample ID: LCS 570-517273/1005
Matrix: Water
Analysis Batch: 517273

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	10.29		ug/L		103	80 - 120
Toluene	10.0	10.22		ug/L		102	80 - 120
Ethylbenzene	10.0	9.725		ug/L		97	80 - 126
o-Xylene	10.0	9.699		ug/L		97	80 - 124
m,p-Xylene	20.0	19.43		ug/L		97	80 - 123
Methyl-t-Butyl Ether (MTBE)	10.0	9.041		ug/L		90	69 - 128
1,1-Dichloroethene	10.0	9.850		ug/L		98	80 - 126
1,2-Dichlorobenzene	10.0	9.970		ug/L		100	80 - 120
1,2-Dichloroethane	10.0	10.23		ug/L		102	76 - 130
Carbon tetrachloride	10.0	8.118		ug/L		81	61 - 139
Chlorobenzene	10.0	9.804		ug/L		98	80 - 120
1,2-Dibromoethane	10.0	9.302		ug/L		93	80 - 125
Hexachloro-1,3-butadiene	10.0	10.81		ug/L		108	80 - 123
Trichloroethene	10.0	10.10		ug/L		101	77 - 124
Vinyl chloride	10.0	9.850		ug/L		98	50 - 160

QC Sample Results

Client: Stantec Consulting Services Inc
Job ID: 570-211547-1
Project/Site: ExxonMobil Gladiola Station / 238000257

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

Lab Sample ID: LCS 570-517273/1005
Matrix: Water
Analysis Batch: 517273

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

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	100		64 - 132
4-Bromofluorobenzene (Surr)	98		76 - 120
Dibromofluoromethane (Surr)	101		80 - 120
Toluene-d8 (Surr)	102		80 - 120

Lab Sample ID: LCSD 570-517273/6
Matrix: Water
Analysis Batch: 517273

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	9.876		ug/L		99	80 - 120	4	20
Toluene			10.0	9.793		ug/L		98	80 - 120	4	20
Ethylbenzene			10.0	9.573		ug/L		96	80 - 126	2	20
o-Xylene			10.0	9.674		ug/L		97	80 - 124	0	20
m,p-Xylene			20.0	19.26		ug/L		96	80 - 123	1	20
Methyl-t-Butyl Ether (MTBE)			10.0	9.249		ug/L		92	69 - 128	2	20
1,1-Dichloroethene			10.0	9.526		ug/L		95	80 - 126	3	21
1,2-Dichlorobenzene			10.0	10.20		ug/L		102	80 - 120	2	20
1,2-Dichloroethane			10.0	9.998		ug/L		100	76 - 130	2	20
Carbon tetrachloride			10.0	8.046		ug/L		80	61 - 139	1	20
Chlorobenzene			10.0	9.756		ug/L		98	80 - 120	0	20
1,2-Dibromoethane			10.0	9.909		ug/L		99	80 - 125	6	20
Hexachloro-1,3-butadiene			10.0	10.85		ug/L		109	80 - 123	0	20
Trichloroethene			10.0	9.682		ug/L		97	77 - 124	4	20
Vinyl chloride			10.0	9.501		ug/L		95	50 - 160	4	20

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	102		64 - 132
4-Bromofluorobenzene (Surr)	98		76 - 120
Dibromofluoromethane (Surr)	103		80 - 120
Toluene-d8 (Surr)	100		80 - 120

Lab Sample ID: MB 570-517364/6
Matrix: Water
Analysis Batch: 517364

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			12/23/24 22:16	1
Toluene	ND		0.50	0.14	ug/L			12/23/24 22:16	1
Ethylbenzene	ND		0.50	0.16	ug/L			12/23/24 22:16	1
o-Xylene	ND		0.50	0.18	ug/L			12/23/24 22:16	1
m,p-Xylene	ND		1.0	0.39	ug/L			12/23/24 22:16	1
Xylenes, Total	ND		1.0	0.39	ug/L			12/23/24 22:16	1
Methyl-t-Butyl Ether (MTBE)	ND		0.50	0.14	ug/L			12/23/24 22:16	1
1,1,1,2-Tetrachloroethane	ND		0.50	0.20	ug/L			12/23/24 22:16	1
1,1,1-Trichloroethane	ND		0.50	0.20	ug/L			12/23/24 22:16	1
1,1,2,2-Tetrachloroethane	ND		0.50	0.14	ug/L			12/23/24 22:16	1
1,1,2-Trichloroethane	ND		0.50	0.18	ug/L			12/23/24 22:16	1

QC Sample Results

Client: Stantec Consulting Services Inc
Job ID: 570-211547-1
Project/Site: ExxonMobil Gladiola Station / 238000257

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

Lab Sample ID: MB 570-517364/6
Matrix: Water
Analysis Batch: 517364

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50	0.25	ug/L			12/23/24 22:16	1
1,1-Dichloroethane	ND		0.50	0.21	ug/L			12/23/24 22:16	1
1,1-Dichloroethene	ND		0.50	0.21	ug/L			12/23/24 22:16	1
1,1-Dichloropropene	ND		0.50	0.16	ug/L			12/23/24 22:16	1
1,2,3-Trichlorobenzene	ND		0.50	0.26	ug/L			12/23/24 22:16	1
1,2,3-Trichloropropane	ND		0.50	0.31	ug/L			12/23/24 22:16	1
1,2,4-Trichlorobenzene	ND		0.50	0.26	ug/L			12/23/24 22:16	1
1,2,4-Trimethylbenzene	ND		0.50	0.22	ug/L			12/23/24 22:16	1
1,3,5-Trimethylbenzene	ND		0.50	0.19	ug/L			12/23/24 22:16	1
c-1,2-Dichloroethene	ND		0.50	0.16	ug/L			12/23/24 22:16	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.84	ug/L			12/23/24 22:16	1
1,2-Dichlorobenzene	ND		0.50	0.14	ug/L			12/23/24 22:16	1
1,2-Dichloroethane	ND		0.50	0.14	ug/L			12/23/24 22:16	1
1,2-Dichloropropane	ND		0.50	0.14	ug/L			12/23/24 22:16	1
t-1,2-Dichloroethene	ND		0.50	0.22	ug/L			12/23/24 22:16	1
c-1,3-Dichloropropene	ND		0.50	0.15	ug/L			12/23/24 22:16	1
1,3-Dichlorobenzene	ND		0.50	0.16	ug/L			12/23/24 22:16	1
1,3-Dichloropropane	ND		0.50	0.19	ug/L			12/23/24 22:16	1
t-1,3-Dichloropropene	ND		0.50	0.21	ug/L			12/23/24 22:16	1
1,4-Dichlorobenzene	ND		0.50	0.11	ug/L			12/23/24 22:16	1
2,2-Dichloropropane	ND		0.50	0.26	ug/L			12/23/24 22:16	1
2-Chlorotoluene	ND		0.50	0.23	ug/L			12/23/24 22:16	1
4-Chlorotoluene	ND		0.50	0.24	ug/L			12/23/24 22:16	1
4-Methyl-2-pentanone	ND		5.0	1.6	ug/L			12/23/24 22:16	1
Acetone	ND		8.0	3.6	ug/L			12/23/24 22:16	1
Bromobenzene	ND		0.50	0.14	ug/L			12/23/24 22:16	1
Bromochloromethane	ND		1.0	0.27	ug/L			12/23/24 22:16	1
Bromoform	ND		0.50	0.28	ug/L			12/23/24 22:16	1
Bromomethane	ND		2.0	1.9	ug/L			12/23/24 22:16	1
Carbon disulfide	ND		1.0	0.32	ug/L			12/23/24 22:16	1
Carbon tetrachloride	ND		0.50	0.27	ug/L			12/23/24 22:16	1
Chlorobenzene	ND		0.50	0.12	ug/L			12/23/24 22:16	1
Dibromochloromethane	ND		0.50	0.21	ug/L			12/23/24 22:16	1
Chloroethane	ND		0.50	0.38	ug/L			12/23/24 22:16	1
Chloroform	ND		0.50	0.25	ug/L			12/23/24 22:16	1
Chloromethane	ND		1.0	0.65	ug/L			12/23/24 22:16	1
Dibromomethane	ND		0.50	0.16	ug/L			12/23/24 22:16	1
Bromodichloromethane	ND		0.50	0.15	ug/L			12/23/24 22:16	1
Dichlorodifluoromethane	ND		1.0	0.51	ug/L			12/23/24 22:16	1
1,2-Dibromoethane	ND		0.50	0.27	ug/L			12/23/24 22:16	1
Hexachloro-1,3-butadiene	ND		1.0	0.26	ug/L			12/23/24 22:16	1
Isopropylbenzene	ND		0.50	0.21	ug/L			12/23/24 22:16	1
2-Butanone	ND		5.0	2.9	ug/L			12/23/24 22:16	1
Methylene Chloride	ND		1.0	0.40	ug/L			12/23/24 22:16	1
2-Hexanone	ND		6.0	2.0	ug/L			12/23/24 22:16	1
Naphthalene	ND		1.0	0.55	ug/L			12/23/24 22:16	1
n-Butylbenzene	ND		0.50	0.24	ug/L			12/23/24 22:16	1
N-Propylbenzene	ND		0.50	0.18	ug/L			12/23/24 22:16	1
p-Isopropyltoluene	ND		0.50	0.20	ug/L			12/23/24 22:16	1

QC Sample Results

Client: Stantec Consulting Services Inc
Job ID: 570-211547-1
Project/Site: ExxonMobil Gladiola Station / 238000257

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

Lab Sample ID: MB 570-517364/6
Matrix: Water
Analysis Batch: 517364

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
sec-Butylbenzene	ND		0.50	0.20	ug/L			12/23/24 22:16	1
Styrene	ND		0.50	0.27	ug/L			12/23/24 22:16	1
tert-Butylbenzene	ND		0.50	0.21	ug/L			12/23/24 22:16	1
Tetrachloroethene	ND		0.50	0.16	ug/L			12/23/24 22:16	1
Trichloroethene	ND		0.50	0.15	ug/L			12/23/24 22:16	1
Trichlorofluoromethane	ND		0.50	0.26	ug/L			12/23/24 22:16	1
Vinyl chloride	ND		0.50	0.23	ug/L			12/23/24 22:16	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*97*		*64 - 132*		*12/23/24 22:16*	*1*
4-Bromofluorobenzene (Surr)	*91*		*76 - 120*		*12/23/24 22:16*	*1*
Dibromofluoromethane (Surr)	*100*		*80 - 120*		*12/23/24 22:16*	*1*
Toluene-d8 (Surr)	*101*		*80 - 120*		*12/23/24 22:16*	*1*

Lab Sample ID: LCS 570-517364/1002
Matrix: Water
Analysis Batch: 517364

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	10.17		ug/L		102	80 - 120		
Toluene			10.0	10.31		ug/L		103	80 - 120		
Ethylbenzene			10.0	9.536		ug/L		95	80 - 126		
o-Xylene			10.0	9.529		ug/L		95	80 - 124		
m,p-Xylene			20.0	18.93		ug/L		95	80 - 123		
Methyl-t-Butyl Ether (MTBE)			10.0	8.994		ug/L		90	69 - 128		
1,1-Dichloroethene			10.0	9.809		ug/L		98	80 - 126		
1,2-Dichlorobenzene			10.0	9.734		ug/L		97	80 - 120		
1,2-Dichloroethane			10.0	10.14		ug/L		101	76 - 130		
Carbon tetrachloride			10.0	10.33		ug/L		103	61 - 139		
Chlorobenzene			10.0	10.25		ug/L		102	80 - 120		
1,2-Dibromoethane			10.0	9.797		ug/L		98	80 - 125		
Hexachloro-1,3-butadiene			10.0	9.674		ug/L		97	80 - 123		
Trichloroethene			10.0	10.61		ug/L		106	77 - 124		
Vinyl chloride			10.0	9.708		ug/L		97	50 - 160		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*93*		*64 - 132*
4-Bromofluorobenzene (Surr)	*97*		*76 - 120*
Dibromofluoromethane (Surr)	*98*		*80 - 120*
Toluene-d8 (Surr)	*101*		*80 - 120*

Lab Sample ID: LCSD 570-517364/3
Matrix: Water
Analysis Batch: 517364

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	9.730		ug/L		97	80 - 120	4	20
Toluene			10.0	9.845		ug/L		98	80 - 120	5	20

QC Sample Results

Client: Stantec Consulting Services Inc
Job ID: 570-211547-1
Project/Site: ExxonMobil Gladiola Station / 238000257

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

Lab Sample ID: LCSD 570-517364/3
Matrix: Water
Analysis Batch: 517364

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
Ethylbenzene			10.0	9.308		ug/L		93	80 - 126	2	20
o-Xylene			10.0	9.259		ug/L		93	80 - 124	3	20
m,p-Xylene			20.0	18.54		ug/L		93	80 - 123	2	20
Methyl-t-Butyl Ether (MTBE)			10.0	9.500		ug/L		95	69 - 128	5	20
1,1-Dichloroethene			10.0	9.557		ug/L		96	80 - 126	3	21
1,2-Dichlorobenzene			10.0	9.414		ug/L		94	80 - 120	3	20
1,2-Dichloroethane			10.0	9.920		ug/L		99	76 - 130	2	20
Carbon tetrachloride			10.0	9.901		ug/L		99	61 - 139	4	20
Chlorobenzene			10.0	9.736		ug/L		97	80 - 120	5	20
1,2-Dibromoethane			10.0	9.815		ug/L		98	80 - 125	0	20
Hexachloro-1,3-butadiene			10.0	9.285		ug/L		93	80 - 123	4	20
Trichloroethene			10.0	9.879		ug/L		99	77 - 124	7	20
Vinyl chloride			10.0	9.620		ug/L		96	50 - 160	1	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*97*		*64 - 132*
4-Bromofluorobenzene (Surr)	*98*		*76 - 120*
Dibromofluoromethane (Surr)	*100*		*80 - 120*
Toluene-d8 (Surr)	*99*		*80 - 120*

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

Lab Sample ID: MB 570-515510/1-A
Matrix: Water
Analysis Batch: 517024

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 515510

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		0.20	0.097	ug/L		12/18/24 16:14	12/23/24 10:41	1
Acenaphthylene	ND		0.20	0.069	ug/L		12/18/24 16:14	12/23/24 10:41	1
Anthracene	ND		0.20	0.059	ug/L		12/18/24 16:14	12/23/24 10:41	1
Benzo[a]anthracene	ND		0.20	0.086	ug/L		12/18/24 16:14	12/23/24 10:41	1
Benzo[a]pyrene	ND		0.20	0.062	ug/L		12/18/24 16:14	12/23/24 10:41	1
Benzo[b]fluoranthene	ND		0.20	0.18	ug/L		12/18/24 16:14	12/23/24 10:41	1
Benzo[g,h,i]perylene	ND		0.20	0.10	ug/L		12/18/24 16:14	12/23/24 10:41	1
Benzo[k]fluoranthene	ND		0.20	0.15	ug/L		12/18/24 16:14	12/23/24 10:41	1
Chrysene	ND		0.20	0.059	ug/L		12/18/24 16:14	12/23/24 10:41	1
Dibenz(a,h)anthracene	ND		0.20	0.11	ug/L		12/18/24 16:14	12/23/24 10:41	1
Fluoranthene	ND		0.20	0.14	ug/L		12/18/24 16:14	12/23/24 10:41	1
Fluorene	ND		0.20	0.075	ug/L		12/18/24 16:14	12/23/24 10:41	1
Indeno[1,2,3-cd]pyrene	ND		0.20	0.11	ug/L		12/18/24 16:14	12/23/24 10:41	1
1-Methylnaphthalene	ND		0.20	0.073	ug/L		12/18/24 16:14	12/23/24 10:41	1
2-Methylnaphthalene	ND		0.20	0.077	ug/L		12/18/24 16:14	12/23/24 10:41	1
Naphthalene	ND		0.20	0.15	ug/L		12/18/24 16:14	12/23/24 10:41	1
Phenanthrene	ND		0.20	0.073	ug/L		12/18/24 16:14	12/23/24 10:41	1
Pyrene	ND		0.20	0.066	ug/L		12/18/24 16:14	12/23/24 10:41	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*51*		*33 - 144*	*12/18/24 16:14*	*12/23/24 10:41*	*1*

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QC Sample Results

Client: Stantec Consulting Services Inc
Job ID: 570-211547-1
Project/Site: ExxonMobil Gladiola Station / 238000257

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

Lab Sample ID: MB 570-515510/1-A
Matrix: Water
Analysis Batch: 517024

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 515510

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Nitrobenzene-d5 (Surr)	52		28 - 139	12/18/24 16:14	12/23/24 10:41	1
p-Terphenyl-d14 (Surr)	57		23 - 160	12/18/24 16:14	12/23/24 10:41	1

Lab Sample ID: LCS 570-515510/2-A
Matrix: Water
Analysis Batch: 517024

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 515510

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Acenaphthene	10.0	7.889		ug/L		79	55 - 121
Acenaphthylene	10.0	7.588		ug/L		76	33 - 145
Anthracene	10.0	8.107		ug/L		81	27 - 133
Benzo[a]anthracene	10.0	7.787		ug/L		78	33 - 143
Benzo[a]pyrene	10.0	8.005		ug/L		80	17 - 163
Benzo[b]fluoranthene	10.0	7.827		ug/L		78	24 - 159
Benzo[g,h,i]perylene	10.0	6.899		ug/L		69	25 - 157
Benzo[k]fluoranthene	10.0	8.534		ug/L		85	24 - 159
Chrysene	10.0	7.571		ug/L		76	17 - 168
Dibenz(a,h)anthracene	10.0	7.095		ug/L		71	25 - 175
Fluoranthene	10.0	7.943		ug/L		79	26 - 137
Fluorene	10.0	7.829		ug/L		78	59 - 121
Indeno[1,2,3-cd]pyrene	10.0	7.134		ug/L		71	25 - 175
1-Methylnaphthalene	10.0	6.712		ug/L		67	20 - 140
2-Methylnaphthalene	10.0	7.859		ug/L		79	21 - 140
Naphthalene	10.0	6.875		ug/L		69	21 - 133
Phenanthrene	10.0	7.788		ug/L		78	54 - 120
Pyrene	10.0	8.124		ug/L		81	45 - 129

Surrogate	LCS %Recovery	LCS Qualifier	Limits
2-Fluorobiphenyl (Surr)	77		33 - 144
Nitrobenzene-d5 (Surr)	72		28 - 139
p-Terphenyl-d14 (Surr)	80		23 - 160

Lab Sample ID: LCSD 570-515510/3-A
Matrix: Water
Analysis Batch: 517024

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 515510

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Acenaphthene	10.0	8.146		ug/L		81	55 - 121	3	25
Acenaphthylene	10.0	7.788		ug/L		78	33 - 145	3	25
Anthracene	10.0	8.307		ug/L		83	27 - 133	2	25
Benzo[a]anthracene	10.0	7.921		ug/L		79	33 - 143	2	25
Benzo[a]pyrene	10.0	8.304		ug/L		83	17 - 163	4	25
Benzo[b]fluoranthene	10.0	8.177		ug/L		82	24 - 159	4	25
Benzo[g,h,i]perylene	10.0	7.172		ug/L		72	25 - 157	4	25
Benzo[k]fluoranthene	10.0	8.883		ug/L		89	24 - 159	4	25
Chrysene	10.0	7.983		ug/L		80	17 - 168	5	25
Dibenz(a,h)anthracene	10.0	7.661		ug/L		77	25 - 175	8	25
Fluoranthene	10.0	8.073		ug/L		81	26 - 137	2	25

QC Sample Results

Client: Stantec Consulting Services Inc
Job ID: 570-211547-1
Project/Site: ExxonMobil Gladiola Station / 238000257

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

Lab Sample ID: LCSD 570-515510/3-A
Client Sample ID: Lab Control Sample Dup
Matrix: Water
Prep Type: Total/NA
Analysis Batch: 517024
Prep Batch: 515510

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Fluorene			10.0	8.027		ug/L		80	59 - 121	2	25
Indeno[1,2,3-cd]pyrene			10.0	7.509		ug/L		75	25 - 175	5	25
1-Methylnaphthalene			10.0	6.826		ug/L		68	20 - 140	2	25
2-Methylnaphthalene			10.0	7.964		ug/L		80	21 - 140	1	25
Naphthalene			10.0	7.202		ug/L		72	21 - 133	5	25
Phenanthrene			10.0	7.920		ug/L		79	54 - 120	2	25
Pyrene			10.0	8.443		ug/L		84	45 - 129	4	25

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
2-Fluorobiphenyl (Surr)	*77*		*33 - 144*
Nitrobenzene-d5 (Surr)	*71*		*28 - 139*
p-Terphenyl-d14 (Surr)	*80*		*23 - 160*

Lab Sample ID: MB 570-516627/1-A
Client Sample ID: Method Blank
Matrix: Water
Prep Type: Total/NA
Analysis Batch: 517641
Prep Batch: 516627

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		0.20	0.097	ug/L		12/20/24 19:26	12/26/24 15:38	1
Acenaphthylene	0.07437	J	0.20	0.069	ug/L		12/20/24 19:26	12/26/24 15:38	1
Anthracene	0.09379	J	0.20	0.059	ug/L		12/20/24 19:26	12/26/24 15:38	1
Benzo[a]anthracene	0.09972	J	0.20	0.086	ug/L		12/20/24 19:26	12/26/24 15:38	1
Benzo[a]pyrene	0.1228	J	0.20	0.062	ug/L		12/20/24 19:26	12/26/24 15:38	1
Benzo[b]fluoranthene	ND		0.20	0.18	ug/L		12/20/24 19:26	12/26/24 15:38	1
Benzo[g,h,i]perylene	0.1101	J	0.20	0.10	ug/L		12/20/24 19:26	12/26/24 15:38	1
Benzo[k]fluoranthene	ND		0.20	0.15	ug/L		12/20/24 19:26	12/26/24 15:38	1
Chrysene	0.08895	J	0.20	0.059	ug/L		12/20/24 19:26	12/26/24 15:38	1
Dibenz(a,h)anthracene	ND		0.20	0.11	ug/L		12/20/24 19:26	12/26/24 15:38	1
Fluoranthene	ND		0.20	0.14	ug/L		12/20/24 19:26	12/26/24 15:38	1
Fluorene	0.08330	J	0.20	0.075	ug/L		12/20/24 19:26	12/26/24 15:38	1
Indeno[1,2,3-cd]pyrene	ND		0.20	0.11	ug/L		12/20/24 19:26	12/26/24 15:38	1
1-Methylnaphthalene	ND		0.20	0.073	ug/L		12/20/24 19:26	12/26/24 15:38	1
2-Methylnaphthalene	ND		0.20	0.077	ug/L		12/20/24 19:26	12/26/24 15:38	1
Naphthalene	ND		0.20	0.15	ug/L		12/20/24 19:26	12/26/24 15:38	1
Phenanthrene	0.09813	J	0.20	0.073	ug/L		12/20/24 19:26	12/26/24 15:38	1
Pyrene	0.07275	J	0.20	0.066	ug/L		12/20/24 19:26	12/26/24 15:38	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*86*		*33 - 144*	*12/20/24 19:26*	*12/26/24 15:38*	*1*
Nitrobenzene-d5 (Surr)	*95*		*28 - 139*	*12/20/24 19:26*	*12/26/24 15:38*	*1*
p-Terphenyl-d14 (Surr)	*83*		*23 - 160*	*12/20/24 19:26*	*12/26/24 15:38*	*1*

Lab Sample ID: LCS 570-516627/2-A
Client Sample ID: Lab Control Sample
Matrix: Water
Prep Type: Total/NA
Analysis Batch: 517641
Prep Batch: 516627

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Acenaphthene			10.0	8.981		ug/L		90	55 - 121		

QC Sample Results

Client: Stantec Consulting Services Inc
Job ID: 570-211547-1
Project/Site: ExxonMobil Gladiola Station / 238000257

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

Lab Sample ID: LCS 570-516627/2-A
Matrix: Water
Analysis Batch: 517641

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 516627

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Acenaphthylene			10.0	8.966		ug/L		90	33 - 145		
Anthracene			10.0	8.943		ug/L		89	27 - 133		
Benzo[a]anthracene			10.0	9.084		ug/L		91	33 - 143		
Benzo[a]pyrene			10.0	9.228		ug/L		92	17 - 163		
Benzo[b]fluoranthene			10.0	9.258		ug/L		93	24 - 159		
Benzo[g,h,i]perylene			10.0	8.127		ug/L		81	25 - 157		
Benzo[k]fluoranthene			10.0	8.423		ug/L		84	24 - 159		
Chrysene			10.0	8.345		ug/L		83	17 - 168		
Dibenz(a,h)anthracene			10.0	8.605		ug/L		86	25 - 175		
Fluoranthene			10.0	10.55		ug/L		106	26 - 137		
Fluorene			10.0	9.755		ug/L		98	59 - 121		
Indeno[1,2,3-cd]pyrene			10.0	9.085		ug/L		91	25 - 175		
1-Methylnaphthalene			10.0	7.926		ug/L		79	20 - 140		
2-Methylnaphthalene			10.0	9.014		ug/L		90	21 - 140		
Naphthalene			10.0	7.994		ug/L		80	21 - 133		
Phenanthrene			10.0	8.925		ug/L		89	54 - 120		
Pyrene			10.0	8.099		ug/L		81	45 - 129		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2-Fluorobiphenyl (Surr)	*90*		*33 - 144*
Nitrobenzene-d5 (Surr)	*95*		*28 - 139*
p-Terphenyl-d14 (Surr)	*78*		*23 - 160*

Lab Sample ID: LCSD 570-516627/3-A
Matrix: Water
Analysis Batch: 517641

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 516627

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Acenaphthene			10.0	9.487		ug/L		95	55 - 121	5	25
Acenaphthylene			10.0	9.413		ug/L		94	33 - 145	5	25
Anthracene			10.0	9.303		ug/L		93	27 - 133	4	25
Benzo[a]anthracene			10.0	9.669		ug/L		97	33 - 143	6	25
Benzo[a]pyrene			10.0	9.767		ug/L		98	17 - 163	6	25
Benzo[b]fluoranthene			10.0	9.904		ug/L		99	24 - 159	7	25
Benzo[g,h,i]perylene			10.0	8.688		ug/L		87	25 - 157	7	25
Benzo[k]fluoranthene			10.0	9.140		ug/L		91	24 - 159	8	25
Chrysene			10.0	8.863		ug/L		89	17 - 168	6	25
Dibenz(a,h)anthracene			10.0	9.305		ug/L		93	25 - 175	8	25
Fluoranthene			10.0	11.10		ug/L		111	26 - 137	5	25
Fluorene			10.0	10.06		ug/L		101	59 - 121	3	25
Indeno[1,2,3-cd]pyrene			10.0	9.860		ug/L		99	25 - 175	8	25
1-Methylnaphthalene			10.0	8.293		ug/L		83	20 - 140	5	25
2-Methylnaphthalene			10.0	9.401		ug/L		94	21 - 140	4	25
Naphthalene			10.0	8.470		ug/L		85	21 - 133	6	25
Phenanthrene			10.0	9.441		ug/L		94	54 - 120	6	25
Pyrene			10.0	8.448		ug/L		84	45 - 129	4	25

QC Sample Results

Client: Stantec Consulting Services Inc Job ID: 570-211547-1
Project/Site: ExxonMobil Gladiola Station / 238000257

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

Lab Sample ID: LCSD 570-516627/3-A **Client Sample ID: Lab Control Sample Dup**
Matrix: Water **Prep Type: Total/NA**
Analysis Batch: 517641 **Prep Batch: 516627**

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
2-Fluorobiphenyl (Surr)	95		33 - 144
Nitrobenzene-d5 (Surr)	99		28 - 139
p-Terphenyl-d14 (Surr)	82		23 - 160

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 570-519438/5 **Client Sample ID: Method Blank**
Matrix: Water **Prep Type: Total/NA**
Analysis Batch: 519438

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		1.0	0.36	mg/L			01/02/25 07:14	1

Lab Sample ID: LCS 570-519438/6 **Client Sample ID: Lab Control Sample**
Matrix: Water **Prep Type: Total/NA**
Analysis Batch: 519438

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride			50.0	50.47		mg/L		101	90 - 110		

Lab Sample ID: LCSD 570-519438/7 **Client Sample ID: Lab Control Sample Dup**
Matrix: Water **Prep Type: Total/NA**
Analysis Batch: 519438

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride			50.0	49.33		mg/L		99	90 - 110	2	15

Lab Sample ID: 570-211547-4 MS **Client Sample ID: MW30**
Matrix: Water **Prep Type: Total/NA**
Analysis Batch: 519438

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	80		50.0	125.2		mg/L		91	80 - 120		

Lab Sample ID: 570-211547-4 MSD **Client Sample ID: MW30**
Matrix: Water **Prep Type: Total/NA**
Analysis Batch: 519438

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	80		50.0	124.9		mg/L		90	80 - 120	0	20

Method: 245.1 - Mercury (CVAA)

Lab Sample ID: MB 570-515679/1-A **Client Sample ID: Method Blank**
Matrix: Water **Prep Type: Total/NA**
Analysis Batch: 518320 **Prep Batch: 515679**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.000200	0.000124	mg/L		12/19/24 02:32	12/27/24 11:05	1

QC Sample Results

Client: Stantec Consulting Services Inc Job ID: 570-211547-1
Project/Site: ExxonMobil Gladiola Station / 238000257

Method: 245.1 - Mercury (CVAA) (Continued)

Lab Sample ID: LCS 570-515679/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 518320 — **Prep Batch: 515679**

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Mercury			0.00800	0.008432		mg/L		105	85 - 115		

Lab Sample ID: LCSD 570-515679/3-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 518320 — **Prep Batch: 515679**

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury			0.00800	0.008012		mg/L		100	85 - 115	5	10

Lab Sample ID: 570-211533-A-1-B MS — **Client Sample ID: Matrix Spike**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 518320 — **Prep Batch: 515679**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Mercury	0.000145	J	0.00800	0.008644		mg/L		106	85 - 115		

Lab Sample ID: 570-211533-A-1-C MSD — **Client Sample ID: Matrix Spike Duplicate**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 518320 — **Prep Batch: 515679**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury	0.000145	J	0.00800	0.008475		mg/L		104	85 - 115	2	10

Method: 6010B - Metals (ICP)

Lab Sample ID: MB 570-515770/1-A — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total Recoverable**
Analysis Batch: 516154 — **Prep Batch: 515770**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		0.100	0.0199	mg/L		12/19/24 07:55	12/19/24 16:59	1
Barium	ND		0.0100	0.00111	mg/L		12/19/24 07:55	12/19/24 16:59	1
Cadmium	ND		0.0100	0.000620	mg/L		12/19/24 07:55	12/19/24 16:59	1
Chromium	ND		0.0500	0.00296	mg/L		12/19/24 07:55	12/19/24 16:59	1
Lead	ND		0.0500	0.00527	mg/L		12/19/24 07:55	12/19/24 16:59	1
Selenium	ND		0.0500	0.0162	mg/L		12/19/24 07:55	12/19/24 16:59	1
Silver	ND		0.0100	0.00259	mg/L		12/19/24 07:55	12/19/24 16:59	1

Lab Sample ID: LCS 570-515770/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total Recoverable**
Analysis Batch: 516154 — **Prep Batch: 515770**

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Arsenic			0.500	0.4796		mg/L		96	80 - 120		
Barium			0.500	0.4801		mg/L		96	80 - 120		
Cadmium			0.500	0.4796		mg/L		96	80 - 120		
Chromium			0.500	0.4859		mg/L		97	80 - 120		
Lead			0.500	0.4811		mg/L		96	80 - 120		
Selenium			0.500	0.4677		mg/L		94	80 - 120		
Silver			0.250	0.2385		mg/L		95	80 - 120		

QC Sample Results

Client: Stantec Consulting Services Inc
Job ID: 570-211547-1
Project/Site: ExxonMobil Gladiola Station / 238000257

Method: 6010B - Metals (ICP)

Lab Sample ID: LCSD 570-515770/3-A
Matrix: Water
Analysis Batch: 516154

Client Sample ID: Lab Control Sample Dup
Prep Type: Total Recoverable
Prep Batch: 515770

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Arsenic			0.500	0.4756		mg/L		95	80 - 120	1	20
Barium			0.500	0.4738		mg/L		95	80 - 120	1	20
Cadmium			0.500	0.4740		mg/L		95	80 - 120	1	20
Chromium			0.500	0.4786		mg/L		96	80 - 120	2	20
Lead			0.500	0.4771		mg/L		95	80 - 120	1	20
Selenium			0.500	0.4607		mg/L		92	80 - 120	2	20
Silver			0.250	0.2354		mg/L		94	80 - 120	1	20

Lab Sample ID: 570-211495-L-1-C MS
Matrix: Water
Analysis Batch: 516154

Client Sample ID: Matrix Spike
Prep Type: Total Recoverable
Prep Batch: 515770

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Arsenic	ND		0.500	0.4891		mg/L		98	80 - 140
Barium	0.0471		0.500	0.5091		mg/L		92	87 - 123
Cadmium	ND		0.500	0.4610		mg/L		92	82 - 124
Chromium	0.0108	J	0.500	0.4864		mg/L		95	86 - 122
Lead	ND		0.500	0.4677		mg/L		94	84 - 120
Selenium	ND		0.500	0.4681		mg/L		94	79 - 127
Silver	ND		0.250	0.2356		mg/L		94	86 - 128

Lab Sample ID: 570-211495-L-1-D MSD
Matrix: Water
Analysis Batch: 516154

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total Recoverable
Prep Batch: 515770

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Arsenic	ND		0.500	0.4945		mg/L		99	80 - 140	1	11
Barium	0.0471		0.500	0.5131		mg/L		93	87 - 123	1	6
Cadmium	ND		0.500	0.4641		mg/L		93	82 - 124	1	7
Chromium	0.0108	J	0.500	0.4902		mg/L		96	86 - 122	1	8
Lead	ND		0.500	0.4702		mg/L		94	84 - 120	1	7
Selenium	ND		0.500	0.4763		mg/L		95	79 - 127	2	9
Silver	ND		0.250	0.2370		mg/L		95	86 - 128	1	7

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

Lab Sample ID: MB 570-517329/1
Matrix: Water
Analysis Batch: 517329

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	8.35	mg/L			12/23/24 15:17	1

Lab Sample ID: LCS 570-517329/2
Matrix: Water
Analysis Batch: 517329

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	998.0		mg/L		100	84 - 108

QC Sample Results

Client: Stantec Consulting Services Inc Job ID: 570-211547-1
Project/Site: ExxonMobil Gladiola Station / 238000257

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

Lab Sample ID: LCSD 570-517329/3 — **Client Sample ID: Lab Control Sample Dup**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 517329

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Total Dissolved Solids			1000	924.0		mg/L		92	84 - 108	8	10

Lab Sample ID: 570-211420-H-13 DU — **Client Sample ID: Duplicate**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 517329

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Total Dissolved Solids	ND			ND		mg/L				NC	10

Lab Sample ID: MB 570-517379/1 — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 517379

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	ND		10.0	8.35	mg/L			12/23/24 17:08	1

Lab Sample ID: LCS 570-517379/2 — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 517379

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Total Dissolved Solids			1000	958.0		mg/L		96	84 - 108		

Lab Sample ID: LCSD 570-517379/3 — **Client Sample ID: Lab Control Sample Dup**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 517379

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Total Dissolved Solids			1000	952.0		mg/L		95	84 - 108	1	10

Lab Sample ID: 570-211578-A-1 DU — **Client Sample ID: Duplicate**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 517379

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Total Dissolved Solids	712			708.0		mg/L				0.6	10

QC Association Summary

Client: Stantec Consulting Services Inc Job ID: 570-211547-1
Project/Site: ExxonMobil Gladiola Station / 238000257

GC/MS VOA

Analysis Batch: 517273

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-211547-1	MW11	Total/NA	Water	8260B	
570-211547-3	MW22	Total/NA	Water	8260B	
570-211547-4	MW30	Total/NA	Water	8260B	
570-211547-5	MW31	Total/NA	Water	8260B	
570-211547-6	MW32	Total/NA	Water	8260B	
570-211547-7	MW33	Total/NA	Water	8260B	
570-211547-8	MW34	Total/NA	Water	8260B	
MB 570-517273/8	Method Blank	Total/NA	Water	8260B	
LCS 570-517273/1005	Lab Control Sample	Total/NA	Water	8260B	
LCSD 570-517273/6	Lab Control Sample Dup	Total/NA	Water	8260B	

Analysis Batch: 517364

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-211547-2	Trip Blank	Total/NA	Water	8260B	
570-211547-9	Trip Blank	Total/NA	Water	8260B	
MB 570-517364/6	Method Blank	Total/NA	Water	8260B	
LCS 570-517364/1002	Lab Control Sample	Total/NA	Water	8260B	
LCSD 570-517364/3	Lab Control Sample Dup	Total/NA	Water	8260B	

GC/MS Semi VOA

Prep Batch: 515510

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-211547-1	MW11	Total/NA	Water	3510C	
570-211547-3	MW22	Total/NA	Water	3510C	
570-211547-5	MW31	Total/NA	Water	3510C	
570-211547-6	MW32	Total/NA	Water	3510C	
570-211547-7	MW33	Total/NA	Water	3510C	
570-211547-8	MW34	Total/NA	Water	3510C	
MB 570-515510/1-A	Method Blank	Total/NA	Water	3510C	
LCS 570-515510/2-A	Lab Control Sample	Total/NA	Water	3510C	
LCSD 570-515510/3-A	Lab Control Sample Dup	Total/NA	Water	3510C	

Prep Batch: 516627

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-211547-4	MW30	Total/NA	Water	3510C	
MB 570-516627/1-A	Method Blank	Total/NA	Water	3510C	
LCS 570-516627/2-A	Lab Control Sample	Total/NA	Water	3510C	
LCSD 570-516627/3-A	Lab Control Sample Dup	Total/NA	Water	3510C	

Analysis Batch: 517024

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-211547-1	MW11	Total/NA	Water	8270C SIM	515510
570-211547-3	MW22	Total/NA	Water	8270C SIM	515510
570-211547-5	MW31	Total/NA	Water	8270C SIM	515510
570-211547-6	MW32	Total/NA	Water	8270C SIM	515510
570-211547-7	MW33	Total/NA	Water	8270C SIM	515510
570-211547-8	MW34	Total/NA	Water	8270C SIM	515510
MB 570-515510/1-A	Method Blank	Total/NA	Water	8270C SIM	515510
LCS 570-515510/2-A	Lab Control Sample	Total/NA	Water	8270C SIM	515510
LCSD 570-515510/3-A	Lab Control Sample Dup	Total/NA	Water	8270C SIM	515510

QC Association Summary

Client: Stantec Consulting Services Inc Job ID: 570-211547-1
Project/Site: ExxonMobil Gladiola Station / 238000257

GC/MS Semi VOA

Analysis Batch: 517641

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-211547-4	MW30	Total/NA	Water	8270C SIM	516627
MB 570-516627/1-A	Method Blank	Total/NA	Water	8270C SIM	516627
LCS 570-516627/2-A	Lab Control Sample	Total/NA	Water	8270C SIM	516627
LCSD 570-516627/3-A	Lab Control Sample Dup	Total/NA	Water	8270C SIM	516627

HPLC/IC

Analysis Batch: 519438

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-211547-1	MW11	Total/NA	Water	300.0	
570-211547-3	MW22	Total/NA	Water	300.0	
570-211547-4	MW30	Total/NA	Water	300.0	
570-211547-5	MW31	Total/NA	Water	300.0	
570-211547-6	MW32	Total/NA	Water	300.0	
570-211547-7	MW33	Total/NA	Water	300.0	
570-211547-8	MW34	Total/NA	Water	300.0	
MB 570-519438/5	Method Blank	Total/NA	Water	300.0	
LCS 570-519438/6	Lab Control Sample	Total/NA	Water	300.0	
LCSD 570-519438/7	Lab Control Sample Dup	Total/NA	Water	300.0	
570-211547-4 MS	MW30	Total/NA	Water	300.0	
570-211547-4 MSD	MW30	Total/NA	Water	300.0	

Metals

Prep Batch: 515679

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-211547-1	MW11	Total/NA	Water	245.1	
570-211547-3	MW22	Total/NA	Water	245.1	
570-211547-4	MW30	Total/NA	Water	245.1	
570-211547-5	MW31	Total/NA	Water	245.1	
570-211547-6	MW32	Total/NA	Water	245.1	
570-211547-7	MW33	Total/NA	Water	245.1	
570-211547-8	MW34	Total/NA	Water	245.1	
MB 570-515679/1-A	Method Blank	Total/NA	Water	245.1	
LCS 570-515679/2-A	Lab Control Sample	Total/NA	Water	245.1	
LCSD 570-515679/3-A	Lab Control Sample Dup	Total/NA	Water	245.1	
570-211533-A-1-B MS	Matrix Spike	Total/NA	Water	245.1	
570-211533-A-1-C MSD	Matrix Spike Duplicate	Total/NA	Water	245.1	

Prep Batch: 515770

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-211547-1	MW11	Total Recoverable	Water	3005A	
570-211547-3	MW22	Total Recoverable	Water	3005A	
570-211547-4	MW30	Total Recoverable	Water	3005A	
570-211547-5	MW31	Total Recoverable	Water	3005A	
570-211547-6	MW32	Total Recoverable	Water	3005A	
570-211547-7	MW33	Total Recoverable	Water	3005A	
570-211547-8	MW34	Total Recoverable	Water	3005A	
MB 570-515770/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 570-515770/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
LCSD 570-515770/3-A	Lab Control Sample Dup	Total Recoverable	Water	3005A	
570-211495-L-1-C MS	Matrix Spike	Total Recoverable	Water	3005A	

QC Association Summary

Client: Stantec Consulting Services Inc Job ID: 570-211547-1
Project/Site: ExxonMobil Gladiola Station / 238000257

Metals (Continued)

Prep Batch: 515770 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-211495-L-1-D MSD	Matrix Spike Duplicate	Total Recoverable	Water	3005A	

Analysis Batch: 516154

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-211547-1	MW11	Total Recoverable	Water	6010B	515770
570-211547-4	MW30	Total Recoverable	Water	6010B	515770
570-211547-5	MW31	Total Recoverable	Water	6010B	515770
570-211547-8	MW34	Total Recoverable	Water	6010B	515770
MB 570-515770/1-A	Method Blank	Total Recoverable	Water	6010B	515770
LCS 570-515770/2-A	Lab Control Sample	Total Recoverable	Water	6010B	515770
LCSD 570-515770/3-A	Lab Control Sample Dup	Total Recoverable	Water	6010B	515770
570-211495-L-1-C MS	Matrix Spike	Total Recoverable	Water	6010B	515770
570-211495-L-1-D MSD	Matrix Spike Duplicate	Total Recoverable	Water	6010B	515770

Analysis Batch: 517321

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-211547-6	MW32	Total Recoverable	Water	6010B	515770
570-211547-7	MW33	Total Recoverable	Water	6010B	515770

Analysis Batch: 517360

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-211547-3	MW22	Total Recoverable	Water	6010B	515770

Analysis Batch: 518320

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-211547-1	MW11	Total/NA	Water	245.1	515679
570-211547-3	MW22	Total/NA	Water	245.1	515679
570-211547-4	MW30	Total/NA	Water	245.1	515679
570-211547-5	MW31	Total/NA	Water	245.1	515679
570-211547-6	MW32	Total/NA	Water	245.1	515679
570-211547-7	MW33	Total/NA	Water	245.1	515679
570-211547-8	MW34	Total/NA	Water	245.1	515679
MB 570-515679/1-A	Method Blank	Total/NA	Water	245.1	515679
LCS 570-515679/2-A	Lab Control Sample	Total/NA	Water	245.1	515679
LCSD 570-515679/3-A	Lab Control Sample Dup	Total/NA	Water	245.1	515679
570-211533-A-1-B MS	Matrix Spike	Total/NA	Water	245.1	515679
570-211533-A-1-C MSD	Matrix Spike Duplicate	Total/NA	Water	245.1	515679

General Chemistry

Analysis Batch: 517329

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-211547-1	MW11	Total/NA	Water	SM 2540C	
570-211547-3	MW22	Total/NA	Water	SM 2540C	
570-211547-4	MW30	Total/NA	Water	SM 2540C	
MB 570-517329/1	Method Blank	Total/NA	Water	SM 2540C	
LCS 570-517329/2	Lab Control Sample	Total/NA	Water	SM 2540C	
LCSD 570-517329/3	Lab Control Sample Dup	Total/NA	Water	SM 2540C	
570-211420-H-13 DU	Duplicate	Total/NA	Water	SM 2540C	

QC Association Summary

Client: Stantec Consulting Services Inc
Job ID: 570-211547-1
Project/Site: ExxonMobil Gladiola Station / 238000257

General Chemistry

Analysis Batch: 517379

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-211547-5	MW31	Total/NA	Water	SM 2540C	
570-211547-6	MW32	Total/NA	Water	SM 2540C	
570-211547-7	MW33	Total/NA	Water	SM 2540C	
570-211547-8	MW34	Total/NA	Water	SM 2540C	
MB 570-517379/1	Method Blank	Total/NA	Water	SM 2540C	
LCS 570-517379/2	Lab Control Sample	Total/NA	Water	SM 2540C	
LCSD 570-517379/3	Lab Control Sample Dup	Total/NA	Water	SM 2540C	
570-211578-A-1 DU	Duplicate	Total/NA	Water	SM 2540C	

Lab Chronicle

Client: Stantec Consulting Services Inc
Job ID: 570-211547-1
Project/Site: ExxonMobil Gladiola Station / 238000257

Client Sample ID: MW11
Lab Sample ID: 570-211547-1
Date Collected: 12/17/24 09:50
Matrix: Water
Date Received: 12/18/24 10:30

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	517273	12/24/24 02:12	KHF2	EET CAL 4
	Instrument ID: GCMSUU									
Total/NA	Prep	3510C			992.7 mL	2 mL	515510	12/19/24 06:12	UD4J	EET CAL 4
Total/NA	Analysis	8270C SIM		1	1 mL	1 mL	517024	12/23/24 15:12	PQS1	EET CAL 4
	Instrument ID: GCMSMM									
Total/NA	Analysis	300.0		5	4 mL	4 mL	519438	01/02/25 20:10	UIP1	EET CAL 4
	Instrument ID: IC28									
Total/NA	Prep	245.1			25 mL	50 mL	515679	12/19/24 02:37	VCN7	EET CAL 4
Total/NA	Analysis	245.1		1			518320	12/27/24 11:48	Y2WS	EET CAL 4
	Instrument ID: HG7									
Total Recoverable	Prep	3005A			50 mL	50 mL	515770	12/19/24 07:55	JP8N	EET CAL 4
Total Recoverable	Analysis	6010B		1			516154	12/19/24 17:30	P1R	EET CAL 4
	Instrument ID: ICP11									
Total/NA	Analysis	SM 2540C		1	100 mL	100 mL	517329	12/23/24 15:18	PK4M	EET CAL 4
	Instrument ID: BAL100									

Client Sample ID: Trip Blank
Lab Sample ID: 570-211547-2
Date Collected: 12/17/24 09:50
Matrix: Water
Date Received: 12/18/24 10:30

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	517364	12/24/24 05:56	PT	EET CAL 4
	Instrument ID: GCMSVV									

Client Sample ID: MW22
Lab Sample ID: 570-211547-3
Date Collected: 12/17/24 10:35
Matrix: Water
Date Received: 12/18/24 10:30

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	517273	12/24/24 02:38	KHF2	EET CAL 4
	Instrument ID: GCMSUU									
Total/NA	Prep	3510C			1023.3 mL	2 mL	515510	12/19/24 06:12	UD4J	EET CAL 4
Total/NA	Analysis	8270C SIM		1	1 mL	1 mL	517024	12/23/24 15:35	PQS1	EET CAL 4
	Instrument ID: GCMSMM									
Total/NA	Analysis	300.0		5	4 mL	4 mL	519438	01/02/25 20:26	UIP1	EET CAL 4
	Instrument ID: IC28									
Total/NA	Prep	245.1			25 mL	50 mL	515679	12/19/24 02:37	VCN7	EET CAL 4
Total/NA	Analysis	245.1		1			518320	12/27/24 11:50	Y2WS	EET CAL 4
	Instrument ID: HG7									
Total Recoverable	Prep	3005A			50 mL	50 mL	515770	12/19/24 07:55	JP8N	EET CAL 4
Total Recoverable	Analysis	6010B		1			517360	12/23/24 15:53	P1R	EET CAL 4
	Instrument ID: ICP11									
Total/NA	Analysis	SM 2540C		1	100 mL	100 mL	517329	12/23/24 15:18	PK4M	EET CAL 4
	Instrument ID: BAL100									

Lab Chronicle

Client: Stantec Consulting Services Inc
Job ID: 570-211547-1
Project/Site: ExxonMobil Gladiola Station / 238000257

Client Sample ID: MW30
Lab Sample ID: 570-211547-4
Date Collected: 12/17/24 14:20
Matrix: Water
Date Received: 12/18/24 10:30

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	517273	12/24/24 03:04	KHF2	EET CAL 4
	Instrument ID: GCMSUU									
Total/NA	Prep	3510C			1002 mL	2 mL	516627	12/20/24 19:26	UD4J	EET CAL 4
Total/NA	Analysis	8270C SIM		1	1 mL	1 mL	517641	12/26/24 16:41	PQS1	EET CAL 4
	Instrument ID: GCMSAAA									
Total/NA	Analysis	300.0		5	4 mL	4 mL	519438	01/02/25 20:43	UIP1	EET CAL 4
	Instrument ID: IC28									
Total/NA	Prep	245.1			25 mL	50 mL	515679	12/19/24 02:37	VCN7	EET CAL 4
Total/NA	Analysis	245.1		1			518320	12/27/24 11:52	Y2WS	EET CAL 4
	Instrument ID: HG7									
Total Recoverable	Prep	3005A			50 mL	50 mL	515770	12/19/24 07:55	JP8N	EET CAL 4
Total Recoverable	Analysis	6010B		1			516154	12/19/24 17:35	P1R	EET CAL 4
	Instrument ID: ICP11									
Total/NA	Analysis	SM 2540C		1	100 mL	100 mL	517329	12/23/24 15:18	PK4M	EET CAL 4
	Instrument ID: BAL100									

Client Sample ID: MW31
Lab Sample ID: 570-211547-5
Date Collected: 12/17/24 08:45
Matrix: Water
Date Received: 12/18/24 10:30

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	517273	12/24/24 03:30	KHF2	EET CAL 4
	Instrument ID: GCMSUU									
Total/NA	Prep	3510C			957.7 mL	2 mL	515510	12/19/24 06:12	UD4J	EET CAL 4
Total/NA	Analysis	8270C SIM		1	1 mL	1 mL	517024	12/23/24 15:57	PQS1	EET CAL 4
	Instrument ID: GCMSMM									
Total/NA	Analysis	300.0		5	4 mL	4 mL	519438	01/02/25 21:33	UIP1	EET CAL 4
	Instrument ID: IC28									
Total/NA	Prep	245.1			25 mL	50 mL	515679	12/19/24 02:37	VCN7	EET CAL 4
Total/NA	Analysis	245.1		1			518320	12/27/24 11:54	Y2WS	EET CAL 4
	Instrument ID: HG7									
Total Recoverable	Prep	3005A			50 mL	50 mL	515770	12/19/24 07:55	JP8N	EET CAL 4
Total Recoverable	Analysis	6010B		1			516154	12/19/24 17:37	P1R	EET CAL 4
	Instrument ID: ICP11									
Total/NA	Analysis	SM 2540C		1	100 mL	100 mL	517379	12/23/24 17:08	PK4M	EET CAL 4
	Instrument ID: BAL100									

Client Sample ID: MW32
Lab Sample ID: 570-211547-6
Date Collected: 12/17/24 11:10
Matrix: Water
Date Received: 12/18/24 10:30

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	517273	12/24/24 03:57	KHF2	EET CAL 4
	Instrument ID: GCMSUU									

Lab Chronicle

Client: Stantec Consulting Services Inc
Job ID: 570-211547-1
Project/Site: ExxonMobil Gladiola Station / 238000257

Client Sample ID: MW32
Lab Sample ID: 570-211547-6
Date Collected: 12/17/24 11:10
Matrix: Water
Date Received: 12/18/24 10:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3510C			1023.4 mL	2 mL	515510	12/19/24 06:12	UD4J	EET CAL 4
Total/NA	Analysis	8270C SIM		1	1 mL	1 mL	517024	12/23/24 16:20	PQS1	EET CAL 4
	Instrument ID: GCMSMM									
Total/NA	Analysis	300.0		5	4 mL	4 mL	519438	01/02/25 21:50	UIP1	EET CAL 4
	Instrument ID: IC28									
Total/NA	Prep	245.1			25 mL	50 mL	515679	12/19/24 02:37	VCN7	EET CAL 4
Total/NA	Analysis	245.1		1			518320	12/27/24 11:59	Y2WS	EET CAL 4
	Instrument ID: HG7									
Total Recoverable	Prep	3005A			50 mL	50 mL	515770	12/19/24 07:55	JP8N	EET CAL 4
Total Recoverable	Analysis	6010B		1			517321	12/23/24 12:42	K1UV	EET CAL 4
	Instrument ID: ICP11									
Total/NA	Analysis	SM 2540C		1	100 mL	100 mL	517379	12/23/24 17:08	PK4M	EET CAL 4
	Instrument ID: BAL100									

Client Sample ID: MW33
Lab Sample ID: 570-211547-7
Date Collected: 12/17/24 13:20
Matrix: Water
Date Received: 12/18/24 10:30

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	517273	12/24/24 04:23	KHF2	EET CAL 4
	Instrument ID: GCMSUU									
Total/NA	Prep	3510C			1004 mL	2 mL	515510	12/19/24 06:12	UD4J	EET CAL 4
Total/NA	Analysis	8270C SIM		1	1 mL	1 mL	517024	12/23/24 16:42	PQS1	EET CAL 4
	Instrument ID: GCMSMM									
Total/NA	Analysis	300.0		5	4 mL	4 mL	519438	01/02/25 22:07	UIP1	EET CAL 4
	Instrument ID: IC28									
Total/NA	Prep	245.1			25 mL	50 mL	515679	12/19/24 02:37	VCN7	EET CAL 4
Total/NA	Analysis	245.1		1			518320	12/27/24 12:01	Y2WS	EET CAL 4
	Instrument ID: HG7									
Total Recoverable	Prep	3005A			50 mL	50 mL	515770	12/19/24 07:55	JP8N	EET CAL 4
Total Recoverable	Analysis	6010B		1			517321	12/23/24 12:44	K1UV	EET CAL 4
	Instrument ID: ICP11									
Total/NA	Analysis	SM 2540C		1	100 mL	100 mL	517379	12/23/24 17:08	PK4M	EET CAL 4
	Instrument ID: BAL100									

Client Sample ID: MW34
Lab Sample ID: 570-211547-8
Date Collected: 12/17/24 12:20
Matrix: Water
Date Received: 12/18/24 10:30

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	517273	12/24/24 04:49	KHF2	EET CAL 4
	Instrument ID: GCMSUU									
Total/NA	Prep	3510C			973.8 mL	2 mL	515510	12/19/24 06:12	UD4J	EET CAL 4
Total/NA	Analysis	8270C SIM		1	1 mL	1 mL	517024	12/23/24 17:05	PQS1	EET CAL 4
	Instrument ID: GCMSMM									

Lab Chronicle

Client: Stantec Consulting Services Inc
Job ID: 570-211547-1
Project/Site: ExxonMobil Gladiola Station / 238000257

Client Sample ID: MW34
Lab Sample ID: 570-211547-8
Date Collected: 12/17/24 12:20
Matrix: Water
Date Received: 12/18/24 10:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		5	4 mL	4 mL	519438	01/02/25 22:24	UIP1	EET CAL 4
Total/NA	Prep	245.1			25 mL	50 mL	515679	12/19/24 02:37	VCN7	EET CAL 4
Total/NA	Analysis	245.1		1			518320	12/27/24 12:03	Y2WS	EET CAL 4
	Instrument ID: HG7									
Total Recoverable	Prep	3005A			50 mL	50 mL	515770	12/19/24 07:55	JP8N	EET CAL 4
Total Recoverable	Analysis	6010B		1			516154	12/19/24 17:44	P1R	EET CAL 4
	Instrument ID: ICP11									
Total/NA	Analysis	SM 2540C		1	100 mL	100 mL	517379	12/23/24 17:08	PK4M	EET CAL 4
	Instrument ID: BAL100									

Client Sample ID: Trip Blank
Lab Sample ID: 570-211547-9
Date Collected: 12/17/24 08:45
Matrix: Water
Date Received: 12/18/24 10:30

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	517364	12/24/24 05:07	PT	EET CAL 4
	Instrument ID: GCMSVV									

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 Job ID: 570-211547-1
Project/Site: ExxonMobil Gladiola Station / 238000257

Laboratory: Eurofins Calscience

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

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

Method Summary

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

Job ID: 570-211547-1

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
300.0	Anions, Ion Chromatography	EPA	EET CAL 4
245.1	Mercury (CVAA)	EPA	EET CAL 4
6010B	Metals (ICP)	SW846	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

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Loc: 570
211547

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2841 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

ExxonMobil Engr: Chris Bear

CHAIN OF CUSTODY RECORD

DATE:

PAGE: 1 OF 4

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

570-211547 Chain of Custody

LAB USE ONLY	SAMPLE ID	Field Point Name	SAMPLING DATE	SAMPLING TIME	MATRIX	NO. OF CONT.	EPA 8260B LL VOCs only	EPA 8270C SIM PAHs	EPA 6010B As, Ba, Cd, Cr, Pb, Se and Ag + EPA 245.1 Hg	SM 4500-Cl C Chloride	SM 2540C Total Dissolved Solids	CONTAINER TYPE	
1	~~MW-1~~	--			W	8	X	X	X	X	X	3 vials with HCL, 2-1L Amber Glass, 250mL Plastic with HNO3, 2-250mL Plastic	LNAPL
2	~~MW-2~~	--			W	8	X	X	X	X	X	3 vials with HCL, 2-1L Amber Glass, 250mL Plastic with HNO3, 2-250mL Plastic	LNAPL
3	~~MW-3~~	--			W	8	X	X	X	X	X	3 vials with HCL, 2-1L Amber Glass, 250mL Plastic with HNO3, 2-250mL Plastic	
4	~~MW-4~~	--			W	8	X	X	X	X	X	3 vials with HCL, 2-1L Amber Glass, 250mL Plastic with HNO3, 2-250mL Plastic	LNAPL
5	~~MW-5~~	--			W	8	X	X	X	X	X	3 vials with HCL, 2-1L Amber Glass, 250mL Plastic with HNO3, 2-250mL Plastic	LNAPL
6	~~MW-6~~	--			W	8	X	X	X	X	X	3 vials with HCL, 2-1L Amber Glass, 250mL Plastic with HNO3, 2-250mL Plastic	LNAPL
7	~~MW-7~~	--			W	8	X	X	X	X	X	3 vials with HCL, 2-1L Amber Glass, 250mL Plastic with HNO3, 2-250mL Plastic	
8	~~MW-9~~	--			W	8	X	X	X	X	X	3 vials with HCL, 2-1L Amber Glass, 250mL Plastic with HNO3, 2-250mL Plastic	LNAPL
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	
1. 10	MW-11	--	12-17-24	9:50	W	8	X	X	X	X	X	3 vials with HCL, 2-1L Amber Glass, 250mL Plastic with HNO3, 2-250mL Plastic	
11	~~MW-12~~	--			W	8	X	X	X	X	X	3 vials with HCL, 2-1L Amber Glass, 250mL Plastic with HNO3, 2-250mL Plastic	LNAPL
2. 12	Trip Blank		12-17-24	9:50	W	2	X						

Relinquished by: (Signature) Mark Loch 12/17/24 Fedex 16:15	Received by: (Signature) Fedex	Date, & Time: 12-17-24 16:15
Relinquished by: (Signature)	Received by: (Signature)	Date, & Time: 12/18/24 1030
Relinquished by: (Signature)	Received by: (Signature)	Date, & Time:

hnjq

1.0/2.0 1.5/2.5 SCIY

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eurofins 5841 DOW AVE SUIT 100
Calscience
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: _____

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 ☐ 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

LAB USE ONLY	SAMPLE ID	Field Point Name	SAMPLING DATE	SAMPLING TIME	MATRIX	NO. OF CONT.	EPA 8260B LL VOCs only	EPA 8270C SIM PAHs	EPA 6010B As, Ba, Cd, Cr, Pb, Se and Ag + EPA 245.1 Hg	SM 4500-Cl C Chloride	SM 2540C Total Dissolved Solids	CONTAINER TYPE	
1	~~MW-13~~	--			W	8	X	X	X	X	X	3 vials with HCL, 2-1L Amber Glass, 250mL Plastic with HNO3, 2-250mL Plastic	LNAPL
2	~~MW-14~~	--			W	8	X	X	X	X	X	3 vials with HCL, 2-1L Amber Glass, 250mL Plastic with HNO3, 2-250mL Plastic	LNAPL
3	MW-15	--			W	8	X	X	X	X	X	3 vials with HCL, 2-1L Amber Glass, 250mL Plastic with HNO3, 2-250mL Plastic	LNAPL
4	~~MW-16~~	--			W	8	X	X	X	X	X	3 vials with HCL, 2-1L Amber Glass, 250mL Plastic with HNO3, 2-250mL Plastic	LNAPL
5	MW-17	--			W	8	X	X	X	X	X	3 vials with HCL, 2-1L Amber Glass, 250mL Plastic with HNO3, 2-250mL Plastic	
6	~~MW-18~~	--			W	8	X	X	X	X	X	3 vials with HCL, 2-1L Amber Glass, 250mL Plastic with HNO3, 2-250mL Plastic	LNAPL
7	~~MW-19~~	--			W	8	X	X	X	X	X	3 vials with HCL, 2-1L Amber Glass, 250mL Plastic with HNO3, 2-250mL Plastic	LNAPL
8	~~MW-20~~	--			W	8	X	X	X	X	X	3 vials with HCL, 2-1L Amber Glass, 250mL Plastic with HNO3, 2-250mL Plastic	LNAPL
9	~~MW-21~~	--			W	8	X	X	X	X	X	3 vials with HCL, 2-1L Amber Glass, 250mL Plastic with HNO3, 2-250mL Plastic	LNAPL
3. 10	MW-22	--	12-17-24	10:35	W	8	X	X	X	X	X	3 vials with HCL, 2-1L Amber Glass, 250mL Plastic with HNO3, 2-250mL Plastic	
11	~~MW-23~~	--			W	8	X	X	X	X	X	3 vials with HCL, 2-1L Amber Glass, 250mL Plastic with HNO3, 2-250mL Plastic	LNAPL
12	~~Trip Blank~~				W	2	X						

Relinquished by: (Signature) M Gooch 12-17-24 Fedex 1645	Received by: (Signature) Fedex	Date, & Time: 12-17-24 16:15
Relinquished by: (Signature)	Received by: (Signature)	Date, & Time: 12/18/24 1035
Relinquished by: (Signature)	Received by: (Signature)	Date, & Time:

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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:

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:

EMES Sub Agreement #A2604415

PROJECT CONTACT: James Anderson

LAB USE ONLY

SAMPLER(S):

COOLER RECEIPT Temp = _____ °C

TURNAROUND TIME
☐ SAM ☐ 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

LAB USE ONLY	SAMPLE ID	Field Point Name	SAMPLING DATE	SAMPLING TIME	MAT-RIX	NO. OF CONT.	EPA 8260B LL VOCs only	EPA 8270C SIM PAHs	EPA 6010B As, Ba, Cd, Cr, Pb, Se and Ag + EPA 245.1 Hg	SM 4500-Cl C Chloride	SM 2540C Total Dissolved Solids	CONTAINER TYPE	
1	~~MW-24~~	--			W	8	X	X	X	X	X	3 vials with HCL, 2-1L Amber Glass, 250mL Plastic with HNO3, 2-250mL Plastic	LNAPL
2	~~MW-25~~	--			W	8	X	X	X	X	X	3 vials with HCL, 2-1L Amber Glass, 250mL Plastic with HNO3, 2-250mL Plastic	LNAPL
3	~~MW-26~~	--			W	8	X	X	X	X	X	3 vials with HCL, 2-1L Amber Glass, 250mL Plastic with HNO3, 2-250mL Plastic	
4	~~MW-27~~	--			W	8	X	X	X	X	X	3 vials with HCL, 2-1L Amber Glass, 250mL Plastic with HNO3, 2-250mL Plastic	
5	~~MW-28~~	--			W	8	X	X	X	X	X	3 vials with HCL, 2-1L Amber Glass, 250mL Plastic with HNO3, 2-250mL Plastic	
6	~~MW-29~~	--			W	8	X	X	X	X	X	3 vials with HCL, 2-1L Amber Glass, 250mL Plastic with HNO3, 2-250mL Plastic	
7	~~MW-30~~ MW-30	--	12-17-24	14:20	W	8	X	X	X	X	X	3 vials with HCL, 2-1L Amber Glass, 250mL Plastic with HNO3, 2-250mL Plastic	
8	MW-31	--	12-17-24	6:45	W	8	X	X	X	X	X	3 vials with HCL, 2-1L Amber Glass, 250mL Plastic with HNO3, 2-250mL Plastic	
9	MW-32	--	↓	11:10	W	8	X	X	X	X	X	3 vials with HCL, 2-1L Amber Glass, 250mL Plastic with HNO3, 2-250mL Plastic	
10	MW-33	--	12-17-24	13:20	W	8	X	X	X	X	X	3 vials with HCL, 2-1L Amber Glass, 250mL Plastic with HNO3, 2-250mL Plastic	
11	MW-34	--	12-17-24	12:20	W	8	X	X	X	X	X	3 vials with HCL, 2-1L Amber Glass, 250mL Plastic with HNO3, 2-250mL Plastic	
12	Trip Blank		12-17-24	8:45	W	2	X						

4. 5. 6. 7. 8. 9.

Relinquished by: (Signature) Mark Loch	12-17-24	Received by: (Signature) Fedex	Date, & Time: 12-17-24 16:15
Relinquished by: (Signature) Fedex	16:15	Received by: (Signature)	Date, & Time: 12/18/24 1035
Relinquished by: (Signature)		Received by: (Signature)	Date, & Time:

nnjq

Part # 159469-434 MTW EXP 07/25
SHIP DATE: 12DEC24
ACTWGT: 10.00 LB MAN
CAD: 0343492/CAFE3855
ORIGIN ID:DTHA (214) 972-5800
MARK LACH
STANTEC C/O HOLIDAY INN EXPRESS
4000 N LOVINGTON HWY
HOBBS, NM 88240
UNITED STATES US
TO SHIPPING DEPARTMENT
EUROFINS CALSCIENCE
2841 DOW AVE
SUITE 100
TUSTIN CA 92780
(714) 895-5494
REF: S570-116833
RMA: ////////
FedEx Express
WED - 18 DEC 12:00P
PRIORITY OVERNIGHT
92780
CA-US SNA
FedEx
TRK# 0221 4318 3247 9610
A7 DTHA
Part # 156297-435 RRDB EXP 04/25
#6687147 12/17 5BCJ5/49B9/C6C4
570-211547 Waybill
CUSTODY SEA
ENVIRONMENTAL SAMPLING SUPPLY
WWW.essvial.com 800-233-8425

Login Sample Receipt Checklist

Client: Stantec Consulting Services Inc Job Number: 570-211547-1

Login Number: 211547 **List Source: Eurofins Calscience**
List Number: 1
Creator: Arellano, Cyndy

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?	False	Refer to Job Narrative for details.
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	

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

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

Generated 1/6/2025 11:20:06 AM

JOB DESCRIPTION

ExxonMobil Gladiola Station / 238000257

JOB NUMBER

570-211802-1

Eurofins Calscience
2841 Dow Avenue, Suite 100
Tustin CA 92780

See page two for job notes and contact information.

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Job Notes

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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
Xuan Dang, Project Manager I
Xuan.Dang@et.eurofinsus.com
(714)895-5494

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

Laboratory Job ID: 570-211802-1

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QC Sample Results 27
QC Association Summary 36
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Certification Summary 42
Method Summary 43
Chain of Custody 44
Receipt Checklists 46

Sample Summary

Client: Stantec Consulting Services Inc
Job ID: 570-211802-1
Project/Site: ExxonMobil Gladiola Station / 238000257

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
570-211802-1	MW-29	Water	12/18/24 14:20	12/19/24 09:55
570-211802-2	Trip Blank	Water	12/18/24 09:45	12/19/24 09:55
570-211802-3	MW-35	Water	12/18/24 13:25	12/19/24 09:55
570-211802-4	MW-36	Water	12/18/24 12:45	12/19/24 09:55
570-211802-5	MW-37	Water	12/18/24 10:20	12/19/24 09:55
570-211802-6	MW-38	Water	12/18/24 09:45	12/19/24 09:55
570-211802-7	MW-39	Water	12/18/24 11:30	12/19/24 09:55

Definitions/Glossary

Client: Stantec Consulting Services Inc Job ID: 570-211802-1
Project/Site: ExxonMobil Gladiola Station / 238000257

Qualifiers

HPLC/IC

Qualifier	Qualifier Description
E	Result exceeded calibration range.
F1	MS and/or MSD recovery exceeds control limits.

Metals

Qualifier	Qualifier Description
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 Job ID: 570-211802-1
Project: ExxonMobil Gladiola Station / 238000257

Job ID: 570-211802-1 Eurofins Calscience

Job Narrative
570-211802-1

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 and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided 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 12/19/2024 9:55 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 2.0°C and 2.3°C.

Receipt Exceptions
The Field Sampler was not listed on the Chain of Custody.

GC/MS VOA
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 570-516128. The laboratory control sample (LCS) was performed in duplicate (LCSD) to provide precision data for this batch. 8270-S.I.M-P.A.H

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

HPLC/IC
Method 300_ORGFM_28D: The matrix spike duplicate (MSD) recovery for analytical batch 570-519797 were outside control limits for Chloride. Sample matrix interference is suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

Method 300_ORGFM_28D: The native sample, matrix spike, and matrix spike duplicate (MS/MSD) associated with analytical batch 570-519797 were performed at the same dilution. Due to the additional level of analyte present in the spiked samples, the concentration of Chloride in the MS/MSD was above the instrument calibration range. The data have been reported and qualified.

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 570-518036 and analytical batch 570-518320 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.

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.

Detection Summary

Client: Stantec Consulting Services Inc Job ID: 570-211802-1
Project/Site: ExxonMobil Gladiola Station / 238000257

Client Sample ID: MW-29 Lab Sample ID: 570-211802-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	120		10	3.6	mg/L	10		300.0	Total/NA
Barium	0.0401		0.0100	0.00111	mg/L	1		6010B	Total Recoverable
Total Dissolved Solids	686		10.0	8.35	mg/L	1		SM 2540C	Total/NA

Client Sample ID: Trip Blank Lab Sample ID: 570-211802-2

No Detections.

Client Sample ID: MW-35 Lab Sample ID: 570-211802-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	230		10	3.6	mg/L	10		300.0	Total/NA
Barium	0.155		0.0100	0.00111	mg/L	1		6010B	Total Recoverable
Chromium	0.0216	J	0.0500	0.00296	mg/L	1		6010B	Total Recoverable
Total Dissolved Solids	953		10.0	8.35	mg/L	1		SM 2540C	Total/NA

Client Sample ID: MW-36 Lab Sample ID: 570-211802-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	270		10	3.6	mg/L	10		300.0	Total/NA
Barium	0.0624		0.0100	0.00111	mg/L	1		6010B	Total Recoverable
Chromium	0.0420	J	0.0500	0.00296	mg/L	1		6010B	Total Recoverable
Total Dissolved Solids	1020		10.0	8.35	mg/L	1		SM 2540C	Total/NA

Client Sample ID: MW-37 Lab Sample ID: 570-211802-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	170		10	3.6	mg/L	10		300.0	Total/NA
Barium	0.143		0.0100	0.00111	mg/L	1		6010B	Total Recoverable
Chromium	0.0138	J	0.0500	0.00296	mg/L	1		6010B	Total Recoverable
Lead	0.00590	J	0.0500	0.00527	mg/L	1		6010B	Total Recoverable
Total Dissolved Solids	748		10.0	8.35	mg/L	1		SM 2540C	Total/NA

Client Sample ID: MW-38 Lab Sample ID: 570-211802-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	390		10	3.6	mg/L	10		300.0	Total/NA
Barium	0.205		0.0100	0.00111	mg/L	1		6010B	Total Recoverable
Chromium	0.0135	J	0.0500	0.00296	mg/L	1		6010B	Total Recoverable
Lead	0.00660	J	0.0500	0.00527	mg/L	1		6010B	Total Recoverable
Total Dissolved Solids	1230		10.0	8.35	mg/L	1		SM 2540C	Total/NA

Client Sample ID: MW-39 Lab Sample ID: 570-211802-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	100		10	3.6	mg/L	10		300.0	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Calscience

Detection Summary

Client: Stantec Consulting Services Inc
Job ID: 570-211802-1
Project/Site: ExxonMobil Gladiola Station / 238000257

Client Sample ID: MW-39 (Continued) Lab Sample ID: 570-211802-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	0.0601		0.0100	0.00111	mg/L	1		6010B	Total Recoverable
Chromium	0.00420	J	0.0500	0.00296	mg/L	1		6010B	Total Recoverable
Total Dissolved Solids	630		10.0	8.35	mg/L	1		SM 2540C	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample Results

Client: Stantec Consulting Services Inc
Job ID: 570-211802-1
Project/Site: ExxonMobil Gladiola Station / 238000257

Client Sample ID: MW-29
Lab Sample ID: 570-211802-1

Date Collected: 12/18/24 14:20
Matrix: Water

Date Received: 12/19/24 09:55

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			12/27/24 21:34	1
Toluene	ND		0.50	0.14	ug/L			12/27/24 21:34	1
Ethylbenzene	ND		0.50	0.16	ug/L			12/27/24 21:34	1
o-Xylene	ND		0.50	0.18	ug/L			12/27/24 21:34	1
m,p-Xylene	ND		1.0	0.39	ug/L			12/27/24 21:34	1
Xylenes, Total	ND		1.0	0.39	ug/L			12/27/24 21:34	1
Methyl-t-Butyl Ether (MTBE)	ND		0.50	0.14	ug/L			12/27/24 21:34	1
1,1,1,2-Tetrachloroethane	ND		0.50	0.20	ug/L			12/27/24 21:34	1
1,1,1-Trichloroethane	ND		0.50	0.20	ug/L			12/27/24 21:34	1
1,1,2,2-Tetrachloroethane	ND		0.50	0.14	ug/L			12/27/24 21:34	1
1,1,2-Trichloroethane	ND		0.50	0.18	ug/L			12/27/24 21:34	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50	0.25	ug/L			12/27/24 21:34	1
1,1-Dichloroethane	ND		0.50	0.21	ug/L			12/27/24 21:34	1
1,1-Dichloroethene	ND		0.50	0.21	ug/L			12/27/24 21:34	1
1,1-Dichloropropene	ND		0.50	0.16	ug/L			12/27/24 21:34	1
1,2,3-Trichlorobenzene	ND		0.50	0.26	ug/L			12/27/24 21:34	1
1,2,3-Trichloropropane	ND		0.50	0.31	ug/L			12/27/24 21:34	1
1,2,4-Trichlorobenzene	ND		0.50	0.26	ug/L			12/27/24 21:34	1
1,2,4-Trimethylbenzene	ND		0.50	0.22	ug/L			12/27/24 21:34	1
1,3,5-Trimethylbenzene	ND		0.50	0.19	ug/L			12/27/24 21:34	1
c-1,2-Dichloroethene	ND		0.50	0.16	ug/L			12/27/24 21:34	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.84	ug/L			12/27/24 21:34	1
1,2-Dichlorobenzene	ND		0.50	0.14	ug/L			12/27/24 21:34	1
1,2-Dichloroethane	ND		0.50	0.14	ug/L			12/27/24 21:34	1
1,2-Dichloropropane	ND		0.50	0.14	ug/L			12/27/24 21:34	1
t-1,2-Dichloroethene	ND		0.50	0.22	ug/L			12/27/24 21:34	1
c-1,3-Dichloropropene	ND		0.50	0.15	ug/L			12/27/24 21:34	1
1,3-Dichlorobenzene	ND		0.50	0.16	ug/L			12/27/24 21:34	1
1,3-Dichloropropane	ND		0.50	0.19	ug/L			12/27/24 21:34	1
t-1,3-Dichloropropene	ND		0.50	0.21	ug/L			12/27/24 21:34	1
1,4-Dichlorobenzene	ND		0.50	0.11	ug/L			12/27/24 21:34	1
2,2-Dichloropropane	ND		0.50	0.26	ug/L			12/27/24 21:34	1
2-Chlorotoluene	ND		0.50	0.23	ug/L			12/27/24 21:34	1
4-Chlorotoluene	ND		0.50	0.24	ug/L			12/27/24 21:34	1
4-Methyl-2-pentanone	ND		5.0	1.6	ug/L			12/27/24 21:34	1
Acetone	ND		8.0	3.6	ug/L			12/27/24 21:34	1
Bromobenzene	ND		0.50	0.14	ug/L			12/27/24 21:34	1
Bromochloromethane	ND		1.0	0.27	ug/L			12/27/24 21:34	1
Bromoform	ND		0.50	0.28	ug/L			12/27/24 21:34	1
Bromomethane	ND		2.0	1.9	ug/L			12/27/24 21:34	1
Carbon disulfide	ND		1.0	0.32	ug/L			12/27/24 21:34	1
Carbon tetrachloride	ND		0.50	0.27	ug/L			12/27/24 21:34	1
Chlorobenzene	ND		0.50	0.12	ug/L			12/27/24 21:34	1
Dibromochloromethane	ND		0.50	0.21	ug/L			12/27/24 21:34	1
Chloroethane	ND		0.50	0.38	ug/L			12/27/24 21:34	1
Chloroform	ND		0.50	0.25	ug/L			12/27/24 21:34	1
Chloromethane	ND		1.0	0.65	ug/L			12/27/24 21:34	1
Dibromomethane	ND		0.50	0.16	ug/L			12/27/24 21:34	1
Bromodichloromethane	ND		0.50	0.15	ug/L			12/27/24 21:34	1

Client Sample Results

Client: Stantec Consulting Services Inc Job ID: 570-211802-1
Project/Site: ExxonMobil Gladiola Station / 238000257

Client Sample ID: MW-29 **Lab Sample ID: 570-211802-1**
Date Collected: 12/18/24 14:20 **Matrix: Water**
Date Received: 12/19/24 09:55

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			12/27/24 21:34	1
1,2-Dibromoethane	ND		0.50	0.27	ug/L			12/27/24 21:34	1
Hexachloro-1,3-butadiene	ND		1.0	0.26	ug/L			12/27/24 21:34	1
Isopropylbenzene	ND		0.50	0.21	ug/L			12/27/24 21:34	1
2-Butanone	ND		5.0	2.9	ug/L			12/27/24 21:34	1
Methylene Chloride	ND		1.0	0.40	ug/L			12/27/24 21:34	1
2-Hexanone	ND		6.0	2.0	ug/L			12/27/24 21:34	1
Naphthalene	ND		1.0	0.55	ug/L			12/27/24 21:34	1
n-Butylbenzene	ND		0.50	0.24	ug/L			12/27/24 21:34	1
N-Propylbenzene	ND		0.50	0.18	ug/L			12/27/24 21:34	1
p-Isopropyltoluene	ND		0.50	0.20	ug/L			12/27/24 21:34	1
sec-Butylbenzene	ND		0.50	0.20	ug/L			12/27/24 21:34	1
Styrene	ND		0.50	0.27	ug/L			12/27/24 21:34	1
tert-Butylbenzene	ND		0.50	0.21	ug/L			12/27/24 21:34	1
Tetrachloroethene	ND		0.50	0.16	ug/L			12/27/24 21:34	1
Trichloroethene	ND		0.50	0.15	ug/L			12/27/24 21:34	1
Trichlorofluoromethane	ND		0.50	0.26	ug/L			12/27/24 21:34	1
Vinyl chloride	ND		0.50	0.23	ug/L			12/27/24 21:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*81*		*64 - 132*		*12/27/24 21:34*	*1*
4-Bromofluorobenzene (Surr)	*95*		*76 - 120*		*12/27/24 21:34*	*1*
Dibromofluoromethane (Surr)	*86*		*80 - 120*		*12/27/24 21:34*	*1*
Toluene-d8 (Surr)	*105*		*80 - 120*		*12/27/24 21:34*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		0.20	0.099	ug/L		12/19/24 20:05	12/29/24 16:27	1
Acenaphthylene	ND		0.20	0.070	ug/L		12/19/24 20:05	12/29/24 16:27	1
Anthracene	ND		0.20	0.060	ug/L		12/19/24 20:05	12/29/24 16:27	1
Benzo[a]anthracene	ND		0.20	0.087	ug/L		12/19/24 20:05	12/29/24 16:27	1
Benzo[a]pyrene	ND		0.20	0.064	ug/L		12/19/24 20:05	12/29/24 16:27	1
Benzo[b]fluoranthene	ND		0.20	0.18	ug/L		12/19/24 20:05	12/29/24 16:27	1
Benzo[g,h,i]perylene	ND		0.20	0.10	ug/L		12/19/24 20:05	12/29/24 16:27	1
Benzo[k]fluoranthene	ND		0.20	0.16	ug/L		12/19/24 20:05	12/29/24 16:27	1
Chrysene	ND		0.20	0.060	ug/L		12/19/24 20:05	12/29/24 16:27	1
Dibenz(a,h)anthracene	ND		0.20	0.12	ug/L		12/19/24 20:05	12/29/24 16:27	1
Fluoranthene	ND		0.20	0.14	ug/L		12/19/24 20:05	12/29/24 16:27	1
Fluorene	ND		0.20	0.076	ug/L		12/19/24 20:05	12/29/24 16:27	1
Indeno[1,2,3-cd]pyrene	ND		0.20	0.11	ug/L		12/19/24 20:05	12/29/24 16:27	1
1-Methylnaphthalene	ND		0.20	0.074	ug/L		12/19/24 20:05	12/29/24 16:27	1
2-Methylnaphthalene	ND		0.20	0.078	ug/L		12/19/24 20:05	12/29/24 16:27	1
Naphthalene	ND		0.20	0.15	ug/L		12/19/24 20:05	12/29/24 16:27	1
Phenanthrene	ND		0.20	0.074	ug/L		12/19/24 20:05	12/29/24 16:27	1
Pyrene	ND		0.20	0.067	ug/L		12/19/24 20:05	12/29/24 16:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*79*		*33 - 144*	*12/19/24 20:05*	*12/29/24 16:27*	*1*
Nitrobenzene-d5 (Surr)	*71*		*28 - 139*	*12/19/24 20:05*	*12/29/24 16:27*	*1*
p-Terphenyl-d14 (Surr)	*81*		*23 - 160*	*12/19/24 20:05*	*12/29/24 16:27*	*1*

Client Sample Results

Client: Stantec Consulting Services Inc Job ID: 570-211802-1
Project/Site: ExxonMobil Gladiola Station / 238000257

Client Sample ID: MW-29 Lab Sample ID: 570-211802-1

Date Collected: 12/18/24 14:20 **Matrix: Water**
Date Received: 12/19/24 09:55

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**120**		10	3.6	mg/L			01/03/25 23:06	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		12/20/24 10:28	12/20/24 14:15	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		12/20/24 10:40	12/21/24 00:52	1
Barium	**0.0401**		0.0100	0.00111	mg/L		12/20/24 10:40	12/21/24 00:52	1
Cadmium	ND		0.0100	0.000620	mg/L		12/20/24 10:40	12/21/24 00:52	1
Chromium	ND		0.0500	0.00296	mg/L		12/20/24 10:40	12/21/24 00:52	1
Lead	ND		0.0500	0.00527	mg/L		12/20/24 10:40	12/21/24 00:52	1
Selenium	ND		0.0500	0.0162	mg/L		12/20/24 10:40	12/21/24 00:52	1
Silver	ND		0.0100	0.00259	mg/L		12/20/24 10:40	12/21/24 00:52	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	**686**		10.0	8.35	mg/L			12/23/24 17:08	1

Client Sample ID: Trip Blank Lab Sample ID: 570-211802-2

Date Collected: 12/18/24 09:45 **Matrix: Water**
Date Received: 12/19/24 09:55

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			12/27/24 20:44	1
Toluene	ND		0.50	0.14	ug/L			12/27/24 20:44	1
Ethylbenzene	ND		0.50	0.16	ug/L			12/27/24 20:44	1
o-Xylene	ND		0.50	0.18	ug/L			12/27/24 20:44	1
m,p-Xylene	ND		1.0	0.39	ug/L			12/27/24 20:44	1
Xylenes, Total	ND		1.0	0.39	ug/L			12/27/24 20:44	1
Methyl-t-Butyl Ether (MTBE)	ND		0.50	0.14	ug/L			12/27/24 20:44	1
1,1,1,2-Tetrachloroethane	ND		0.50	0.20	ug/L			12/27/24 20:44	1
1,1,1-Trichloroethane	ND		0.50	0.20	ug/L			12/27/24 20:44	1
1,1,2,2-Tetrachloroethane	ND		0.50	0.14	ug/L			12/27/24 20:44	1
1,1,2-Trichloroethane	ND		0.50	0.18	ug/L			12/27/24 20:44	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50	0.25	ug/L			12/27/24 20:44	1
1,1-Dichloroethane	ND		0.50	0.21	ug/L			12/27/24 20:44	1
1,1-Dichloroethene	ND		0.50	0.21	ug/L			12/27/24 20:44	1
1,1-Dichloropropene	ND		0.50	0.16	ug/L			12/27/24 20:44	1
1,2,3-Trichlorobenzene	ND		0.50	0.26	ug/L			12/27/24 20:44	1
1,2,3-Trichloropropane	ND		0.50	0.31	ug/L			12/27/24 20:44	1
1,2,4-Trichlorobenzene	ND		0.50	0.26	ug/L			12/27/24 20:44	1
1,2,4-Trimethylbenzene	ND		0.50	0.22	ug/L			12/27/24 20:44	1
1,3,5-Trimethylbenzene	ND		0.50	0.19	ug/L			12/27/24 20:44	1
c-1,2-Dichloroethene	ND		0.50	0.16	ug/L			12/27/24 20:44	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.84	ug/L			12/27/24 20:44	1
1,2-Dichlorobenzene	ND		0.50	0.14	ug/L			12/27/24 20:44	1
1,2-Dichloroethane	ND		0.50	0.14	ug/L			12/27/24 20:44	1
1,2-Dichloropropane	ND		0.50	0.14	ug/L			12/27/24 20:44	1

Client Sample Results

Client: Stantec Consulting Services Inc
Job ID: 570-211802-1
Project/Site: ExxonMobil Gladiola Station / 238000257

Client Sample ID: Trip Blank
Lab Sample ID: 570-211802-2
Date Collected: 12/18/24 09:45
Matrix: Water
Date Received: 12/19/24 09:55

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
t-1,2-Dichloroethene	ND		0.50	0.22	ug/L			12/27/24 20:44	1
c-1,3-Dichloropropene	ND		0.50	0.15	ug/L			12/27/24 20:44	1
1,3-Dichlorobenzene	ND		0.50	0.16	ug/L			12/27/24 20:44	1
1,3-Dichloropropane	ND		0.50	0.19	ug/L			12/27/24 20:44	1
t-1,3-Dichloropropene	ND		0.50	0.21	ug/L			12/27/24 20:44	1
1,4-Dichlorobenzene	ND		0.50	0.11	ug/L			12/27/24 20:44	1
2,2-Dichloropropane	ND		0.50	0.26	ug/L			12/27/24 20:44	1
2-Chlorotoluene	ND		0.50	0.23	ug/L			12/27/24 20:44	1
4-Chlorotoluene	ND		0.50	0.24	ug/L			12/27/24 20:44	1
4-Methyl-2-pentanone	ND		5.0	1.6	ug/L			12/27/24 20:44	1
Acetone	ND		8.0	3.6	ug/L			12/27/24 20:44	1
Bromobenzene	ND		0.50	0.14	ug/L			12/27/24 20:44	1
Bromochloromethane	ND		1.0	0.27	ug/L			12/27/24 20:44	1
Bromoform	ND		0.50	0.28	ug/L			12/27/24 20:44	1
Bromomethane	ND		2.0	1.9	ug/L			12/27/24 20:44	1
Carbon disulfide	ND		1.0	0.32	ug/L			12/27/24 20:44	1
Carbon tetrachloride	ND		0.50	0.27	ug/L			12/27/24 20:44	1
Chlorobenzene	ND		0.50	0.12	ug/L			12/27/24 20:44	1
Dibromochloromethane	ND		0.50	0.21	ug/L			12/27/24 20:44	1
Chloroethane	ND		0.50	0.38	ug/L			12/27/24 20:44	1
Chloroform	ND		0.50	0.25	ug/L			12/27/24 20:44	1
Chloromethane	ND		1.0	0.65	ug/L			12/27/24 20:44	1
Dibromomethane	ND		0.50	0.16	ug/L			12/27/24 20:44	1
Bromodichloromethane	ND		0.50	0.15	ug/L			12/27/24 20:44	1
Dichlorodifluoromethane	ND		1.0	0.51	ug/L			12/27/24 20:44	1
1,2-Dibromoethane	ND		0.50	0.27	ug/L			12/27/24 20:44	1
Hexachloro-1,3-butadiene	ND		1.0	0.26	ug/L			12/27/24 20:44	1
Isopropylbenzene	ND		0.50	0.21	ug/L			12/27/24 20:44	1
2-Butanone	ND		5.0	2.9	ug/L			12/27/24 20:44	1
Methylene Chloride	ND		1.0	0.40	ug/L			12/27/24 20:44	1
2-Hexanone	ND		6.0	2.0	ug/L			12/27/24 20:44	1
Naphthalene	ND		1.0	0.55	ug/L			12/27/24 20:44	1
n-Butylbenzene	ND		0.50	0.24	ug/L			12/27/24 20:44	1
N-Propylbenzene	ND		0.50	0.18	ug/L			12/27/24 20:44	1
p-Isopropyltoluene	ND		0.50	0.20	ug/L			12/27/24 20:44	1
sec-Butylbenzene	ND		0.50	0.20	ug/L			12/27/24 20:44	1
Styrene	ND		0.50	0.27	ug/L			12/27/24 20:44	1
tert-Butylbenzene	ND		0.50	0.21	ug/L			12/27/24 20:44	1
Tetrachloroethene	ND		0.50	0.16	ug/L			12/27/24 20:44	1
Trichloroethene	ND		0.50	0.15	ug/L			12/27/24 20:44	1
Trichlorofluoromethane	ND		0.50	0.26	ug/L			12/27/24 20:44	1
Vinyl chloride	ND		0.50	0.23	ug/L			12/27/24 20:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*80*		*64 - 132*		*12/27/24 20:44*	*1*
4-Bromofluorobenzene (Surr)	*94*		*76 - 120*		*12/27/24 20:44*	*1*
Dibromofluoromethane (Surr)	*87*		*80 - 120*		*12/27/24 20:44*	*1*
Toluene-d8 (Surr)	*111*		*80 - 120*		*12/27/24 20:44*	*1*

Client Sample Results

Client: Stantec Consulting Services Inc
Job ID: 570-211802-1
Project/Site: ExxonMobil Gladiola Station / 238000257

Client Sample ID: MW-35
Lab Sample ID: 570-211802-3

Date Collected: 12/18/24 13:25
Matrix: Water

Date Received: 12/19/24 09:55

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			12/27/24 22:00	1
Toluene	ND		0.50	0.14	ug/L			12/27/24 22:00	1
Ethylbenzene	ND		0.50	0.16	ug/L			12/27/24 22:00	1
o-Xylene	ND		0.50	0.18	ug/L			12/27/24 22:00	1
m,p-Xylene	ND		1.0	0.39	ug/L			12/27/24 22:00	1
Xylenes, Total	ND		1.0	0.39	ug/L			12/27/24 22:00	1
Methyl-t-Butyl Ether (MTBE)	ND		0.50	0.14	ug/L			12/27/24 22:00	1
1,1,1,2-Tetrachloroethane	ND		0.50	0.20	ug/L			12/27/24 22:00	1
1,1,1-Trichloroethane	ND		0.50	0.20	ug/L			12/27/24 22:00	1
1,1,2,2-Tetrachloroethane	ND		0.50	0.14	ug/L			12/27/24 22:00	1
1,1,2-Trichloroethane	ND		0.50	0.18	ug/L			12/27/24 22:00	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50	0.25	ug/L			12/27/24 22:00	1
1,1-Dichloroethane	ND		0.50	0.21	ug/L			12/27/24 22:00	1
1,1-Dichloroethene	ND		0.50	0.21	ug/L			12/27/24 22:00	1
1,1-Dichloropropene	ND		0.50	0.16	ug/L			12/27/24 22:00	1
1,2,3-Trichlorobenzene	ND		0.50	0.26	ug/L			12/27/24 22:00	1
1,2,3-Trichloropropane	ND		0.50	0.31	ug/L			12/27/24 22:00	1
1,2,4-Trichlorobenzene	ND		0.50	0.26	ug/L			12/27/24 22:00	1
1,2,4-Trimethylbenzene	ND		0.50	0.22	ug/L			12/27/24 22:00	1
1,3,5-Trimethylbenzene	ND		0.50	0.19	ug/L			12/27/24 22:00	1
c-1,2-Dichloroethene	ND		0.50	0.16	ug/L			12/27/24 22:00	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.84	ug/L			12/27/24 22:00	1
1,2-Dichlorobenzene	ND		0.50	0.14	ug/L			12/27/24 22:00	1
1,2-Dichloroethane	ND		0.50	0.14	ug/L			12/27/24 22:00	1
1,2-Dichloropropane	ND		0.50	0.14	ug/L			12/27/24 22:00	1
t-1,2-Dichloroethene	ND		0.50	0.22	ug/L			12/27/24 22:00	1
c-1,3-Dichloropropene	ND		0.50	0.15	ug/L			12/27/24 22:00	1
1,3-Dichlorobenzene	ND		0.50	0.16	ug/L			12/27/24 22:00	1
1,3-Dichloropropane	ND		0.50	0.19	ug/L			12/27/24 22:00	1
t-1,3-Dichloropropene	ND		0.50	0.21	ug/L			12/27/24 22:00	1
1,4-Dichlorobenzene	ND		0.50	0.11	ug/L			12/27/24 22:00	1
2,2-Dichloropropane	ND		0.50	0.26	ug/L			12/27/24 22:00	1
2-Chlorotoluene	ND		0.50	0.23	ug/L			12/27/24 22:00	1
4-Chlorotoluene	ND		0.50	0.24	ug/L			12/27/24 22:00	1
4-Methyl-2-pentanone	ND		5.0	1.6	ug/L			12/27/24 22:00	1
Acetone	ND		8.0	3.6	ug/L			12/27/24 22:00	1
Bromobenzene	ND		0.50	0.14	ug/L			12/27/24 22:00	1
Bromochloromethane	ND		1.0	0.27	ug/L			12/27/24 22:00	1
Bromoform	ND		0.50	0.28	ug/L			12/27/24 22:00	1
Bromomethane	ND		2.0	1.9	ug/L			12/27/24 22:00	1
Carbon disulfide	ND		1.0	0.32	ug/L			12/27/24 22:00	1
Carbon tetrachloride	ND		0.50	0.27	ug/L			12/27/24 22:00	1
Chlorobenzene	ND		0.50	0.12	ug/L			12/27/24 22:00	1
Dibromochloromethane	ND		0.50	0.21	ug/L			12/27/24 22:00	1
Chloroethane	ND		0.50	0.38	ug/L			12/27/24 22:00	1
Chloroform	ND		0.50	0.25	ug/L			12/27/24 22:00	1
Chloromethane	ND		1.0	0.65	ug/L			12/27/24 22:00	1
Dibromomethane	ND		0.50	0.16	ug/L			12/27/24 22:00	1
Bromodichloromethane	ND		0.50	0.15	ug/L			12/27/24 22:00	1

Client Sample Results

Client: Stantec Consulting Services Inc Job ID: 570-211802-1
Project/Site: ExxonMobil Gladiola Station / 238000257

Client Sample ID: MW-35 **Lab Sample ID: 570-211802-3**
Date Collected: 12/18/24 13:25 **Matrix: Water**
Date Received: 12/19/24 09:55

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			12/27/24 22:00	1
1,2-Dibromoethane	ND		0.50	0.27	ug/L			12/27/24 22:00	1
Hexachloro-1,3-butadiene	ND		1.0	0.26	ug/L			12/27/24 22:00	1
Isopropylbenzene	ND		0.50	0.21	ug/L			12/27/24 22:00	1
2-Butanone	ND		5.0	2.9	ug/L			12/27/24 22:00	1
Methylene Chloride	ND		1.0	0.40	ug/L			12/27/24 22:00	1
2-Hexanone	ND		6.0	2.0	ug/L			12/27/24 22:00	1
Naphthalene	ND		1.0	0.55	ug/L			12/27/24 22:00	1
n-Butylbenzene	ND		0.50	0.24	ug/L			12/27/24 22:00	1
N-Propylbenzene	ND		0.50	0.18	ug/L			12/27/24 22:00	1
p-Isopropyltoluene	ND		0.50	0.20	ug/L			12/27/24 22:00	1
sec-Butylbenzene	ND		0.50	0.20	ug/L			12/27/24 22:00	1
Styrene	ND		0.50	0.27	ug/L			12/27/24 22:00	1
tert-Butylbenzene	ND		0.50	0.21	ug/L			12/27/24 22:00	1
Tetrachloroethene	ND		0.50	0.16	ug/L			12/27/24 22:00	1
Trichloroethene	ND		0.50	0.15	ug/L			12/27/24 22:00	1
Trichlorofluoromethane	ND		0.50	0.26	ug/L			12/27/24 22:00	1
Vinyl chloride	ND		0.50	0.23	ug/L			12/27/24 22:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*83*		*64 - 132*		*12/27/24 22:00*	*1*
4-Bromofluorobenzene (Surr)	*99*		*76 - 120*		*12/27/24 22:00*	*1*
Dibromofluoromethane (Surr)	*88*		*80 - 120*		*12/27/24 22:00*	*1*
Toluene-d8 (Surr)	*103*		*80 - 120*		*12/27/24 22:00*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		0.20	0.098	ug/L		12/19/24 20:05	12/29/24 16:49	1
Acenaphthylene	ND		0.20	0.069	ug/L		12/19/24 20:05	12/29/24 16:49	1
Anthracene	ND		0.20	0.059	ug/L		12/19/24 20:05	12/29/24 16:49	1
Benzo[a]anthracene	ND		0.20	0.086	ug/L		12/19/24 20:05	12/29/24 16:49	1
Benzo[a]pyrene	ND		0.20	0.063	ug/L		12/19/24 20:05	12/29/24 16:49	1
Benzo[b]fluoranthene	ND		0.20	0.18	ug/L		12/19/24 20:05	12/29/24 16:49	1
Benzo[g,h,i]perylene	ND		0.20	0.10	ug/L		12/19/24 20:05	12/29/24 16:49	1
Benzo[k]fluoranthene	ND		0.20	0.15	ug/L		12/19/24 20:05	12/29/24 16:49	1
Chrysene	ND		0.20	0.059	ug/L		12/19/24 20:05	12/29/24 16:49	1
Dibenz(a,h)anthracene	ND		0.20	0.12	ug/L		12/19/24 20:05	12/29/24 16:49	1
Fluoranthene	ND		0.20	0.14	ug/L		12/19/24 20:05	12/29/24 16:49	1
Fluorene	ND		0.20	0.075	ug/L		12/19/24 20:05	12/29/24 16:49	1
Indeno[1,2,3-cd]pyrene	ND		0.20	0.11	ug/L		12/19/24 20:05	12/29/24 16:49	1
1-Methylnaphthalene	ND		0.20	0.073	ug/L		12/19/24 20:05	12/29/24 16:49	1
2-Methylnaphthalene	ND		0.20	0.077	ug/L		12/19/24 20:05	12/29/24 16:49	1
Naphthalene	ND		0.20	0.15	ug/L		12/19/24 20:05	12/29/24 16:49	1
Phenanthrene	ND		0.20	0.073	ug/L		12/19/24 20:05	12/29/24 16:49	1
Pyrene	ND		0.20	0.066	ug/L		12/19/24 20:05	12/29/24 16:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*75*		*33 - 144*	*12/19/24 20:05*	*12/29/24 16:49*	*1*
Nitrobenzene-d5 (Surr)	*72*		*28 - 139*	*12/19/24 20:05*	*12/29/24 16:49*	*1*
p-Terphenyl-d14 (Surr)	*80*		*23 - 160*	*12/19/24 20:05*	*12/29/24 16:49*	*1*

Client Sample Results

Client: Stantec Consulting Services Inc Job ID: 570-211802-1
Project/Site: ExxonMobil Gladiola Station / 238000257

Client Sample ID: MW-35

Lab Sample ID: 570-211802-3
Date Collected: 12/18/24 13:25
Matrix: Water
Date Received: 12/19/24 09:55

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**230**		10	3.6	mg/L			01/03/25 23:23	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		12/20/24 10:28	12/20/24 14:17	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		12/20/24 10:40	12/21/24 01:06	1
Barium	**0.155**		0.0100	0.00111	mg/L		12/20/24 10:40	12/21/24 01:06	1
Cadmium	ND		0.0100	0.000620	mg/L		12/20/24 10:40	12/21/24 01:06	1
Chromium	**0.0216**	**J**	0.0500	0.00296	mg/L		12/20/24 10:40	12/21/24 01:06	1
Lead	ND		0.0500	0.00527	mg/L		12/20/24 10:40	12/21/24 01:06	1
Selenium	ND		0.0500	0.0162	mg/L		12/20/24 10:40	12/21/24 01:06	1
Silver	ND		0.0100	0.00259	mg/L		12/20/24 10:40	12/21/24 01:06	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	**953**		10.0	8.35	mg/L			12/23/24 17:08	1

Client Sample ID: MW-36

Lab Sample ID: 570-211802-4
Date Collected: 12/18/24 12:45
Matrix: Water
Date Received: 12/19/24 09:55

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			12/27/24 22:25	1
Toluene	ND		0.50	0.14	ug/L			12/27/24 22:25	1
Ethylbenzene	ND		0.50	0.16	ug/L			12/27/24 22:25	1
o-Xylene	ND		0.50	0.18	ug/L			12/27/24 22:25	1
m,p-Xylene	ND		1.0	0.39	ug/L			12/27/24 22:25	1
Xylenes, Total	ND		1.0	0.39	ug/L			12/27/24 22:25	1
Methyl-t-Butyl Ether (MTBE)	ND		0.50	0.14	ug/L			12/27/24 22:25	1
1,1,1,2-Tetrachloroethane	ND		0.50	0.20	ug/L			12/27/24 22:25	1
1,1,1-Trichloroethane	ND		0.50	0.20	ug/L			12/27/24 22:25	1
1,1,2,2-Tetrachloroethane	ND		0.50	0.14	ug/L			12/27/24 22:25	1
1,1,2-Trichloroethane	ND		0.50	0.18	ug/L			12/27/24 22:25	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50	0.25	ug/L			12/27/24 22:25	1
1,1-Dichloroethane	ND		0.50	0.21	ug/L			12/27/24 22:25	1
1,1-Dichloroethene	ND		0.50	0.21	ug/L			12/27/24 22:25	1
1,1-Dichloropropene	ND		0.50	0.16	ug/L			12/27/24 22:25	1
1,2,3-Trichlorobenzene	ND		0.50	0.26	ug/L			12/27/24 22:25	1
1,2,3-Trichloropropane	ND		0.50	0.31	ug/L			12/27/24 22:25	1
1,2,4-Trichlorobenzene	ND		0.50	0.26	ug/L			12/27/24 22:25	1
1,2,4-Trimethylbenzene	ND		0.50	0.22	ug/L			12/27/24 22:25	1
1,3,5-Trimethylbenzene	ND		0.50	0.19	ug/L			12/27/24 22:25	1
c-1,2-Dichloroethene	ND		0.50	0.16	ug/L			12/27/24 22:25	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.84	ug/L			12/27/24 22:25	1
1,2-Dichlorobenzene	ND		0.50	0.14	ug/L			12/27/24 22:25	1
1,2-Dichloroethane	ND		0.50	0.14	ug/L			12/27/24 22:25	1
1,2-Dichloropropane	ND		0.50	0.14	ug/L			12/27/24 22:25	1

Client Sample Results

Client: Stantec Consulting Services Inc Job ID: 570-211802-1
Project/Site: ExxonMobil Gladiola Station / 238000257

Client Sample ID: MW-36 **Lab Sample ID: 570-211802-4**
Date Collected: 12/18/24 12:45 **Matrix: Water**
Date Received: 12/19/24 09:55

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
t-1,2-Dichloroethene	ND		0.50	0.22	ug/L			12/27/24 22:25	1
c-1,3-Dichloropropene	ND		0.50	0.15	ug/L			12/27/24 22:25	1
1,3-Dichlorobenzene	ND		0.50	0.16	ug/L			12/27/24 22:25	1
1,3-Dichloropropane	ND		0.50	0.19	ug/L			12/27/24 22:25	1
t-1,3-Dichloropropene	ND		0.50	0.21	ug/L			12/27/24 22:25	1
1,4-Dichlorobenzene	ND		0.50	0.11	ug/L			12/27/24 22:25	1
2,2-Dichloropropane	ND		0.50	0.26	ug/L			12/27/24 22:25	1
2-Chlorotoluene	ND		0.50	0.23	ug/L			12/27/24 22:25	1
4-Chlorotoluene	ND		0.50	0.24	ug/L			12/27/24 22:25	1
4-Methyl-2-pentanone	ND		5.0	1.6	ug/L			12/27/24 22:25	1
Acetone	ND		8.0	3.6	ug/L			12/27/24 22:25	1
Bromobenzene	ND		0.50	0.14	ug/L			12/27/24 22:25	1
Bromochloromethane	ND		1.0	0.27	ug/L			12/27/24 22:25	1
Bromoform	ND		0.50	0.28	ug/L			12/27/24 22:25	1
Bromomethane	ND		2.0	1.9	ug/L			12/27/24 22:25	1
Carbon disulfide	ND		1.0	0.32	ug/L			12/27/24 22:25	1
Carbon tetrachloride	ND		0.50	0.27	ug/L			12/27/24 22:25	1
Chlorobenzene	ND		0.50	0.12	ug/L			12/27/24 22:25	1
Dibromochloromethane	ND		0.50	0.21	ug/L			12/27/24 22:25	1
Chloroethane	ND		0.50	0.38	ug/L			12/27/24 22:25	1
Chloroform	ND		0.50	0.25	ug/L			12/27/24 22:25	1
Chloromethane	ND		1.0	0.65	ug/L			12/27/24 22:25	1
Dibromomethane	ND		0.50	0.16	ug/L			12/27/24 22:25	1
Bromodichloromethane	ND		0.50	0.15	ug/L			12/27/24 22:25	1
Dichlorodifluoromethane	ND		1.0	0.51	ug/L			12/27/24 22:25	1
1,2-Dibromoethane	ND		0.50	0.27	ug/L			12/27/24 22:25	1
Hexachloro-1,3-butadiene	ND		1.0	0.26	ug/L			12/27/24 22:25	1
Isopropylbenzene	ND		0.50	0.21	ug/L			12/27/24 22:25	1
2-Butanone	ND		5.0	2.9	ug/L			12/27/24 22:25	1
Methylene Chloride	ND		1.0	0.40	ug/L			12/27/24 22:25	1
2-Hexanone	ND		6.0	2.0	ug/L			12/27/24 22:25	1
Naphthalene	ND		1.0	0.55	ug/L			12/27/24 22:25	1
n-Butylbenzene	ND		0.50	0.24	ug/L			12/27/24 22:25	1
N-Propylbenzene	ND		0.50	0.18	ug/L			12/27/24 22:25	1
p-Isopropyltoluene	ND		0.50	0.20	ug/L			12/27/24 22:25	1
sec-Butylbenzene	ND		0.50	0.20	ug/L			12/27/24 22:25	1
Styrene	ND		0.50	0.27	ug/L			12/27/24 22:25	1
tert-Butylbenzene	ND		0.50	0.21	ug/L			12/27/24 22:25	1
Tetrachloroethene	ND		0.50	0.16	ug/L			12/27/24 22:25	1
Trichloroethene	ND		0.50	0.15	ug/L			12/27/24 22:25	1
Trichlorofluoromethane	ND		0.50	0.26	ug/L			12/27/24 22:25	1
Vinyl chloride	ND		0.50	0.23	ug/L			12/27/24 22:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*80*		*64 - 132*		*12/27/24 22:25*	*1*
4-Bromofluorobenzene (Surr)	*94*		*76 - 120*		*12/27/24 22:25*	*1*
Dibromofluoromethane (Surr)	*88*		*80 - 120*		*12/27/24 22:25*	*1*
Toluene-d8 (Surr)	*106*		*80 - 120*		*12/27/24 22:25*	*1*

Client Sample Results

Client: Stantec Consulting Services Inc
Job ID: 570-211802-1
Project/Site: ExxonMobil Gladiola Station / 238000257

Client Sample ID: MW-36
Lab Sample ID: 570-211802-4
Date Collected: 12/18/24 12:45
Matrix: Water
Date Received: 12/19/24 09:55

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		0.20	0.098	ug/L		12/19/24 20:05	12/29/24 17:12	1
Acenaphthylene	ND		0.20	0.070	ug/L		12/19/24 20:05	12/29/24 17:12	1
Anthracene	ND		0.20	0.060	ug/L		12/19/24 20:05	12/29/24 17:12	1
Benzo[a]anthracene	ND		0.20	0.087	ug/L		12/19/24 20:05	12/29/24 17:12	1
Benzo[a]pyrene	ND		0.20	0.063	ug/L		12/19/24 20:05	12/29/24 17:12	1
Benzo[b]fluoranthene	ND		0.20	0.18	ug/L		12/19/24 20:05	12/29/24 17:12	1
Benzo[g,h,i]perylene	ND		0.20	0.10	ug/L		12/19/24 20:05	12/29/24 17:12	1
Benzo[k]fluoranthene	ND		0.20	0.16	ug/L		12/19/24 20:05	12/29/24 17:12	1
Chrysene	ND		0.20	0.060	ug/L		12/19/24 20:05	12/29/24 17:12	1
Dibenz(a,h)anthracene	ND		0.20	0.12	ug/L		12/19/24 20:05	12/29/24 17:12	1
Fluoranthene	ND		0.20	0.14	ug/L		12/19/24 20:05	12/29/24 17:12	1
Fluorene	ND		0.20	0.076	ug/L		12/19/24 20:05	12/29/24 17:12	1
Indeno[1,2,3-cd]pyrene	ND		0.20	0.11	ug/L		12/19/24 20:05	12/29/24 17:12	1
1-Methylnaphthalene	ND		0.20	0.074	ug/L		12/19/24 20:05	12/29/24 17:12	1
2-Methylnaphthalene	ND		0.20	0.078	ug/L		12/19/24 20:05	12/29/24 17:12	1
Naphthalene	ND		0.20	0.15	ug/L		12/19/24 20:05	12/29/24 17:12	1
Phenanthrene	ND		0.20	0.074	ug/L		12/19/24 20:05	12/29/24 17:12	1
Pyrene	ND		0.20	0.067	ug/L		12/19/24 20:05	12/29/24 17:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*75*		*33 - 144*	*12/19/24 20:05*	*12/29/24 17:12*	*1*
Nitrobenzene-d5 (Surr)	*74*		*28 - 139*	*12/19/24 20:05*	*12/29/24 17:12*	*1*
p-Terphenyl-d14 (Surr)	*78*		*23 - 160*	*12/19/24 20:05*	*12/29/24 17:12*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**270**		10	3.6	mg/L			01/03/25 23:40	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		12/20/24 10:28	12/20/24 14:18	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		12/20/24 10:40	12/21/24 01:09	1
Barium	**0.0624**		0.0100	0.00111	mg/L		12/20/24 10:40	12/21/24 01:09	1
Cadmium	ND		0.0100	0.000620	mg/L		12/20/24 10:40	12/21/24 01:09	1
Chromium	**0.0420**	**J**	0.0500	0.00296	mg/L		12/20/24 10:40	12/21/24 01:09	1
Lead	ND		0.0500	0.00527	mg/L		12/20/24 10:40	12/21/24 01:09	1
Selenium	ND		0.0500	0.0162	mg/L		12/20/24 10:40	12/21/24 01:09	1
Silver	ND		0.0100	0.00259	mg/L		12/20/24 10:40	12/21/24 01:09	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	**1020**		10.0	8.35	mg/L			12/23/24 17:08	1

Client Sample Results

Client: Stantec Consulting Services Inc
Job ID: 570-211802-1
Project/Site: ExxonMobil Gladiola Station / 238000257

Client Sample ID: MW-37
Lab Sample ID: 570-211802-5
Date Collected: 12/18/24 10:20
Matrix: Water
Date Received: 12/19/24 09:55

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			12/27/24 22:50	1
Toluene	ND		0.50	0.14	ug/L			12/27/24 22:50	1
Ethylbenzene	ND		0.50	0.16	ug/L			12/27/24 22:50	1
o-Xylene	ND		0.50	0.18	ug/L			12/27/24 22:50	1
m,p-Xylene	ND		1.0	0.39	ug/L			12/27/24 22:50	1
Xylenes, Total	ND		1.0	0.39	ug/L			12/27/24 22:50	1
Methyl-t-Butyl Ether (MTBE)	ND		0.50	0.14	ug/L			12/27/24 22:50	1
1,1,1,2-Tetrachloroethane	ND		0.50	0.20	ug/L			12/27/24 22:50	1
1,1,1-Trichloroethane	ND		0.50	0.20	ug/L			12/27/24 22:50	1
1,1,2,2-Tetrachloroethane	ND		0.50	0.14	ug/L			12/27/24 22:50	1
1,1,2-Trichloroethane	ND		0.50	0.18	ug/L			12/27/24 22:50	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50	0.25	ug/L			12/27/24 22:50	1
1,1-Dichloroethane	ND		0.50	0.21	ug/L			12/27/24 22:50	1
1,1-Dichloroethene	ND		0.50	0.21	ug/L			12/27/24 22:50	1
1,1-Dichloropropene	ND		0.50	0.16	ug/L			12/27/24 22:50	1
1,2,3-Trichlorobenzene	ND		0.50	0.26	ug/L			12/27/24 22:50	1
1,2,3-Trichloropropane	ND		0.50	0.31	ug/L			12/27/24 22:50	1
1,2,4-Trichlorobenzene	ND		0.50	0.26	ug/L			12/27/24 22:50	1
1,2,4-Trimethylbenzene	ND		0.50	0.22	ug/L			12/27/24 22:50	1
1,3,5-Trimethylbenzene	ND		0.50	0.19	ug/L			12/27/24 22:50	1
c-1,2-Dichloroethene	ND		0.50	0.16	ug/L			12/27/24 22:50	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.84	ug/L			12/27/24 22:50	1
1,2-Dichlorobenzene	ND		0.50	0.14	ug/L			12/27/24 22:50	1
1,2-Dichloroethane	ND		0.50	0.14	ug/L			12/27/24 22:50	1
1,2-Dichloropropane	ND		0.50	0.14	ug/L			12/27/24 22:50	1
t-1,2-Dichloroethene	ND		0.50	0.22	ug/L			12/27/24 22:50	1
c-1,3-Dichloropropene	ND		0.50	0.15	ug/L			12/27/24 22:50	1
1,3-Dichlorobenzene	ND		0.50	0.16	ug/L			12/27/24 22:50	1
1,3-Dichloropropane	ND		0.50	0.19	ug/L			12/27/24 22:50	1
t-1,3-Dichloropropene	ND		0.50	0.21	ug/L			12/27/24 22:50	1
1,4-Dichlorobenzene	ND		0.50	0.11	ug/L			12/27/24 22:50	1
2,2-Dichloropropane	ND		0.50	0.26	ug/L			12/27/24 22:50	1
2-Chlorotoluene	ND		0.50	0.23	ug/L			12/27/24 22:50	1
4-Chlorotoluene	ND		0.50	0.24	ug/L			12/27/24 22:50	1
4-Methyl-2-pentanone	ND		5.0	1.6	ug/L			12/27/24 22:50	1
Acetone	ND		8.0	3.6	ug/L			12/27/24 22:50	1
Bromobenzene	ND		0.50	0.14	ug/L			12/27/24 22:50	1
Bromochloromethane	ND		1.0	0.27	ug/L			12/27/24 22:50	1
Bromoform	ND		0.50	0.28	ug/L			12/27/24 22:50	1
Bromomethane	ND		2.0	1.9	ug/L			12/27/24 22:50	1
Carbon disulfide	ND		1.0	0.32	ug/L			12/27/24 22:50	1
Carbon tetrachloride	ND		0.50	0.27	ug/L			12/27/24 22:50	1
Chlorobenzene	ND		0.50	0.12	ug/L			12/27/24 22:50	1
Dibromochloromethane	ND		0.50	0.21	ug/L			12/27/24 22:50	1
Chloroethane	ND		0.50	0.38	ug/L			12/27/24 22:50	1
Chloroform	ND		0.50	0.25	ug/L			12/27/24 22:50	1
Chloromethane	ND		1.0	0.65	ug/L			12/27/24 22:50	1
Dibromomethane	ND		0.50	0.16	ug/L			12/27/24 22:50	1
Bromodichloromethane	ND		0.50	0.15	ug/L			12/27/24 22:50	1

Client Sample Results

Client: Stantec Consulting Services Inc Job ID: 570-211802-1
Project/Site: ExxonMobil Gladiola Station / 238000257

Client Sample ID: MW-37 **Lab Sample ID: 570-211802-5**
Date Collected: 12/18/24 10:20 **Matrix: Water**
Date Received: 12/19/24 09:55

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			12/27/24 22:50	1
1,2-Dibromoethane	ND		0.50	0.27	ug/L			12/27/24 22:50	1
Hexachloro-1,3-butadiene	ND		1.0	0.26	ug/L			12/27/24 22:50	1
Isopropylbenzene	ND		0.50	0.21	ug/L			12/27/24 22:50	1
2-Butanone	ND		5.0	2.9	ug/L			12/27/24 22:50	1
Methylene Chloride	ND		1.0	0.40	ug/L			12/27/24 22:50	1
2-Hexanone	ND		6.0	2.0	ug/L			12/27/24 22:50	1
Naphthalene	ND		1.0	0.55	ug/L			12/27/24 22:50	1
n-Butylbenzene	ND		0.50	0.24	ug/L			12/27/24 22:50	1
N-Propylbenzene	ND		0.50	0.18	ug/L			12/27/24 22:50	1
p-Isopropyltoluene	ND		0.50	0.20	ug/L			12/27/24 22:50	1
sec-Butylbenzene	ND		0.50	0.20	ug/L			12/27/24 22:50	1
Styrene	ND		0.50	0.27	ug/L			12/27/24 22:50	1
tert-Butylbenzene	ND		0.50	0.21	ug/L			12/27/24 22:50	1
Tetrachloroethene	ND		0.50	0.16	ug/L			12/27/24 22:50	1
Trichloroethene	ND		0.50	0.15	ug/L			12/27/24 22:50	1
Trichlorofluoromethane	ND		0.50	0.26	ug/L			12/27/24 22:50	1
Vinyl chloride	ND		0.50	0.23	ug/L			12/27/24 22:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*79*		*64 - 132*		*12/27/24 22:50*	*1*
4-Bromofluorobenzene (Surr)	*96*		*76 - 120*		*12/27/24 22:50*	*1*
Dibromofluoromethane (Surr)	*87*		*80 - 120*		*12/27/24 22:50*	*1*
Toluene-d8 (Surr)	*105*		*80 - 120*		*12/27/24 22:50*	*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		12/19/24 20:05	12/29/24 17:35	1
Acenaphthylene	ND		0.20	0.068	ug/L		12/19/24 20:05	12/29/24 17:35	1
Anthracene	ND		0.20	0.059	ug/L		12/19/24 20:05	12/29/24 17:35	1
Benzo[a]anthracene	ND		0.20	0.085	ug/L		12/19/24 20:05	12/29/24 17:35	1
Benzo[a]pyrene	ND		0.20	0.062	ug/L		12/19/24 20:05	12/29/24 17:35	1
Benzo[b]fluoranthene	ND		0.20	0.17	ug/L		12/19/24 20:05	12/29/24 17:35	1
Benzo[g,h,i]perylene	ND		0.20	0.10	ug/L		12/19/24 20:05	12/29/24 17:35	1
Benzo[k]fluoranthene	ND		0.20	0.15	ug/L		12/19/24 20:05	12/29/24 17:35	1
Chrysene	ND		0.20	0.059	ug/L		12/19/24 20:05	12/29/24 17:35	1
Dibenz(a,h)anthracene	ND		0.20	0.11	ug/L		12/19/24 20:05	12/29/24 17:35	1
Fluoranthene	ND		0.20	0.14	ug/L		12/19/24 20:05	12/29/24 17:35	1
Fluorene	ND		0.20	0.074	ug/L		12/19/24 20:05	12/29/24 17:35	1
Indeno[1,2,3-cd]pyrene	ND		0.20	0.11	ug/L		12/19/24 20:05	12/29/24 17:35	1
1-Methylnaphthalene	ND		0.20	0.072	ug/L		12/19/24 20:05	12/29/24 17:35	1
2-Methylnaphthalene	ND		0.20	0.076	ug/L		12/19/24 20:05	12/29/24 17:35	1
Naphthalene	ND		0.20	0.15	ug/L		12/19/24 20:05	12/29/24 17:35	1
Phenanthrene	ND		0.20	0.072	ug/L		12/19/24 20:05	12/29/24 17:35	1
Pyrene	ND		0.20	0.066	ug/L		12/19/24 20:05	12/29/24 17:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*84*		*33 - 144*	*12/19/24 20:05*	*12/29/24 17:35*	*1*
Nitrobenzene-d5 (Surr)	*75*		*28 - 139*	*12/19/24 20:05*	*12/29/24 17:35*	*1*
p-Terphenyl-d14 (Surr)	*81*		*23 - 160*	*12/19/24 20:05*	*12/29/24 17:35*	*1*

Client Sample Results

Client: Stantec Consulting Services Inc Job ID: 570-211802-1
Project/Site: ExxonMobil Gladiola Station / 238000257

Client Sample ID: MW-37 Lab Sample ID: 570-211802-5

Date Collected: 12/18/24 10:20 **Matrix: Water**
Date Received: 12/19/24 09:55

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**170**		10	3.6	mg/L			01/03/25 23:57	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		12/20/24 10:28	12/20/24 14:20	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		12/20/24 10:40	12/21/24 01:11	1
Barium	**0.143**		0.0100	0.00111	mg/L		12/20/24 10:40	12/21/24 01:11	1
Cadmium	ND		0.0100	0.000620	mg/L		12/20/24 10:40	12/21/24 01:11	1
Chromium	**0.0138**	**J**	0.0500	0.00296	mg/L		12/20/24 10:40	12/21/24 01:11	1
Lead	**0.00590**	**J**	0.0500	0.00527	mg/L		12/20/24 10:40	12/21/24 01:11	1
Selenium	ND		0.0500	0.0162	mg/L		12/20/24 10:40	12/21/24 01:11	1
Silver	ND		0.0100	0.00259	mg/L		12/20/24 10:40	12/21/24 01:11	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	**748**		10.0	8.35	mg/L			12/23/24 17:08	1

Client Sample ID: MW-38 Lab Sample ID: 570-211802-6

Date Collected: 12/18/24 09:45 **Matrix: Water**
Date Received: 12/19/24 09:55

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			12/27/24 23:16	1
Toluene	ND		0.50	0.14	ug/L			12/27/24 23:16	1
Ethylbenzene	ND		0.50	0.16	ug/L			12/27/24 23:16	1
o-Xylene	ND		0.50	0.18	ug/L			12/27/24 23:16	1
m,p-Xylene	ND		1.0	0.39	ug/L			12/27/24 23:16	1
Xylenes, Total	ND		1.0	0.39	ug/L			12/27/24 23:16	1
Methyl-t-Butyl Ether (MTBE)	ND		0.50	0.14	ug/L			12/27/24 23:16	1
1,1,1,2-Tetrachloroethane	ND		0.50	0.20	ug/L			12/27/24 23:16	1
1,1,1-Trichloroethane	ND		0.50	0.20	ug/L			12/27/24 23:16	1
1,1,2,2-Tetrachloroethane	ND		0.50	0.14	ug/L			12/27/24 23:16	1
1,1,2-Trichloroethane	ND		0.50	0.18	ug/L			12/27/24 23:16	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50	0.25	ug/L			12/27/24 23:16	1
1,1-Dichloroethane	ND		0.50	0.21	ug/L			12/27/24 23:16	1
1,1-Dichloroethene	ND		0.50	0.21	ug/L			12/27/24 23:16	1
1,1-Dichloropropene	ND		0.50	0.16	ug/L			12/27/24 23:16	1
1,2,3-Trichlorobenzene	ND		0.50	0.26	ug/L			12/27/24 23:16	1
1,2,3-Trichloropropane	ND		0.50	0.31	ug/L			12/27/24 23:16	1
1,2,4-Trichlorobenzene	ND		0.50	0.26	ug/L			12/27/24 23:16	1
1,2,4-Trimethylbenzene	ND		0.50	0.22	ug/L			12/27/24 23:16	1
1,3,5-Trimethylbenzene	ND		0.50	0.19	ug/L			12/27/24 23:16	1
c-1,2-Dichloroethene	ND		0.50	0.16	ug/L			12/27/24 23:16	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.84	ug/L			12/27/24 23:16	1
1,2-Dichlorobenzene	ND		0.50	0.14	ug/L			12/27/24 23:16	1
1,2-Dichloroethane	ND		0.50	0.14	ug/L			12/27/24 23:16	1
1,2-Dichloropropane	ND		0.50	0.14	ug/L			12/27/24 23:16	1

Client Sample Results

Client: Stantec Consulting Services Inc Job ID: 570-211802-1
Project/Site: ExxonMobil Gladiola Station / 238000257

Client Sample ID: MW-38 **Lab Sample ID: 570-211802-6**
Date Collected: 12/18/24 09:45 **Matrix: Water**
Date Received: 12/19/24 09:55

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
t-1,2-Dichloroethene	ND		0.50	0.22	ug/L			12/27/24 23:16	1
c-1,3-Dichloropropene	ND		0.50	0.15	ug/L			12/27/24 23:16	1
1,3-Dichlorobenzene	ND		0.50	0.16	ug/L			12/27/24 23:16	1
1,3-Dichloropropane	ND		0.50	0.19	ug/L			12/27/24 23:16	1
t-1,3-Dichloropropene	ND		0.50	0.21	ug/L			12/27/24 23:16	1
1,4-Dichlorobenzene	ND		0.50	0.11	ug/L			12/27/24 23:16	1
2,2-Dichloropropane	ND		0.50	0.26	ug/L			12/27/24 23:16	1
2-Chlorotoluene	ND		0.50	0.23	ug/L			12/27/24 23:16	1
4-Chlorotoluene	ND		0.50	0.24	ug/L			12/27/24 23:16	1
4-Methyl-2-pentanone	ND		5.0	1.6	ug/L			12/27/24 23:16	1
Acetone	ND		8.0	3.6	ug/L			12/27/24 23:16	1
Bromobenzene	ND		0.50	0.14	ug/L			12/27/24 23:16	1
Bromochloromethane	ND		1.0	0.27	ug/L			12/27/24 23:16	1
Bromoform	ND		0.50	0.28	ug/L			12/27/24 23:16	1
Bromomethane	ND		2.0	1.9	ug/L			12/27/24 23:16	1
Carbon disulfide	ND		1.0	0.32	ug/L			12/27/24 23:16	1
Carbon tetrachloride	ND		0.50	0.27	ug/L			12/27/24 23:16	1
Chlorobenzene	ND		0.50	0.12	ug/L			12/27/24 23:16	1
Dibromochloromethane	ND		0.50	0.21	ug/L			12/27/24 23:16	1
Chloroethane	ND		0.50	0.38	ug/L			12/27/24 23:16	1
Chloroform	ND		0.50	0.25	ug/L			12/27/24 23:16	1
Chloromethane	ND		1.0	0.65	ug/L			12/27/24 23:16	1
Dibromomethane	ND		0.50	0.16	ug/L			12/27/24 23:16	1
Bromodichloromethane	ND		0.50	0.15	ug/L			12/27/24 23:16	1
Dichlorodifluoromethane	ND		1.0	0.51	ug/L			12/27/24 23:16	1
1,2-Dibromoethane	ND		0.50	0.27	ug/L			12/27/24 23:16	1
Hexachloro-1,3-butadiene	ND		1.0	0.26	ug/L			12/27/24 23:16	1
Isopropylbenzene	ND		0.50	0.21	ug/L			12/27/24 23:16	1
2-Butanone	ND		5.0	2.9	ug/L			12/27/24 23:16	1
Methylene Chloride	ND		1.0	0.40	ug/L			12/27/24 23:16	1
2-Hexanone	ND		6.0	2.0	ug/L			12/27/24 23:16	1
Naphthalene	ND		1.0	0.55	ug/L			12/27/24 23:16	1
n-Butylbenzene	ND		0.50	0.24	ug/L			12/27/24 23:16	1
N-Propylbenzene	ND		0.50	0.18	ug/L			12/27/24 23:16	1
p-Isopropyltoluene	ND		0.50	0.20	ug/L			12/27/24 23:16	1
sec-Butylbenzene	ND		0.50	0.20	ug/L			12/27/24 23:16	1
Styrene	ND		0.50	0.27	ug/L			12/27/24 23:16	1
tert-Butylbenzene	ND		0.50	0.21	ug/L			12/27/24 23:16	1
Tetrachloroethene	ND		0.50	0.16	ug/L			12/27/24 23:16	1
Trichloroethene	ND		0.50	0.15	ug/L			12/27/24 23:16	1
Trichlorofluoromethane	ND		0.50	0.26	ug/L			12/27/24 23:16	1
Vinyl chloride	ND		0.50	0.23	ug/L			12/27/24 23:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*79*		*64 - 132*		*12/27/24 23:16*	*1*
4-Bromofluorobenzene (Surr)	*93*		*76 - 120*		*12/27/24 23:16*	*1*
Dibromofluoromethane (Surr)	*87*		*80 - 120*		*12/27/24 23:16*	*1*
Toluene-d8 (Surr)	*105*		*80 - 120*		*12/27/24 23:16*	*1*

Client Sample Results

Client: Stantec Consulting Services Inc Job ID: 570-211802-1
Project/Site: ExxonMobil Gladiola Station / 238000257

Client Sample ID: MW-38 Lab Sample ID: 570-211802-6

Date Collected: 12/18/24 09:45 **Matrix: Water**
Date Received: 12/19/24 09:55

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		12/19/24 20:05	12/29/24 17:57	1
Acenaphthylene	ND		0.20	0.069	ug/L		12/19/24 20:05	12/29/24 17:57	1
Anthracene	ND		0.20	0.059	ug/L		12/19/24 20:05	12/29/24 17:57	1
Benzo[a]anthracene	ND		0.20	0.085	ug/L		12/19/24 20:05	12/29/24 17:57	1
Benzo[a]pyrene	ND		0.20	0.062	ug/L		12/19/24 20:05	12/29/24 17:57	1
Benzo[b]fluoranthene	ND		0.20	0.17	ug/L		12/19/24 20:05	12/29/24 17:57	1
Benzo[g,h,i]perylene	ND		0.20	0.10	ug/L		12/19/24 20:05	12/29/24 17:57	1
Benzo[k]fluoranthene	ND		0.20	0.15	ug/L		12/19/24 20:05	12/29/24 17:57	1
Chrysene	ND		0.20	0.059	ug/L		12/19/24 20:05	12/29/24 17:57	1
Dibenz(a,h)anthracene	ND		0.20	0.11	ug/L		12/19/24 20:05	12/29/24 17:57	1
Fluoranthene	ND		0.20	0.14	ug/L		12/19/24 20:05	12/29/24 17:57	1
Fluorene	ND		0.20	0.074	ug/L		12/19/24 20:05	12/29/24 17:57	1
Indeno[1,2,3-cd]pyrene	ND		0.20	0.11	ug/L		12/19/24 20:05	12/29/24 17:57	1
1-Methylnaphthalene	ND		0.20	0.073	ug/L		12/19/24 20:05	12/29/24 17:57	1
2-Methylnaphthalene	ND		0.20	0.077	ug/L		12/19/24 20:05	12/29/24 17:57	1
Naphthalene	ND		0.20	0.15	ug/L		12/19/24 20:05	12/29/24 17:57	1
Phenanthrene	ND		0.20	0.073	ug/L		12/19/24 20:05	12/29/24 17:57	1
Pyrene	ND		0.20	0.066	ug/L		12/19/24 20:05	12/29/24 17:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*75*		*33 - 144*	*12/19/24 20:05*	*12/29/24 17:57*	*1*
Nitrobenzene-d5 (Surr)	*70*		*28 - 139*	*12/19/24 20:05*	*12/29/24 17:57*	*1*
p-Terphenyl-d14 (Surr)	*77*		*23 - 160*	*12/19/24 20:05*	*12/29/24 17:57*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**390**		10	3.6	mg/L			01/04/25 00:13	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		12/20/24 10:28	12/20/24 14:22	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		12/20/24 10:40	12/21/24 01:13	1
Barium	**0.205**		0.0100	0.00111	mg/L		12/20/24 10:40	12/21/24 01:13	1
Cadmium	ND		0.0100	0.000620	mg/L		12/20/24 10:40	12/21/24 01:13	1
Chromium	**0.0135**	**J**	0.0500	0.00296	mg/L		12/20/24 10:40	12/21/24 01:13	1
Lead	**0.00660**	**J**	0.0500	0.00527	mg/L		12/20/24 10:40	12/21/24 01:13	1
Selenium	ND		0.0500	0.0162	mg/L		12/20/24 10:40	12/21/24 01:13	1
Silver	ND		0.0100	0.00259	mg/L		12/20/24 10:40	12/21/24 01:13	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	**1230**		10.0	8.35	mg/L			12/23/24 17:08	1

Client Sample Results

Client: Stantec Consulting Services Inc
Job ID: 570-211802-1
Project/Site: ExxonMobil Gladiola Station / 238000257

Client Sample ID: MW-39
Lab Sample ID: 570-211802-7
Date Collected: 12/18/24 11:30
Matrix: Water
Date Received: 12/19/24 09:55

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			12/27/24 23:41	1
Toluene	ND		0.50	0.14	ug/L			12/27/24 23:41	1
Ethylbenzene	ND		0.50	0.16	ug/L			12/27/24 23:41	1
o-Xylene	ND		0.50	0.18	ug/L			12/27/24 23:41	1
m,p-Xylene	ND		1.0	0.39	ug/L			12/27/24 23:41	1
Xylenes, Total	ND		1.0	0.39	ug/L			12/27/24 23:41	1
Methyl-t-Butyl Ether (MTBE)	ND		0.50	0.14	ug/L			12/27/24 23:41	1
1,1,1,2-Tetrachloroethane	ND		0.50	0.20	ug/L			12/27/24 23:41	1
1,1,1-Trichloroethane	ND		0.50	0.20	ug/L			12/27/24 23:41	1
1,1,2,2-Tetrachloroethane	ND		0.50	0.14	ug/L			12/27/24 23:41	1
1,1,2-Trichloroethane	ND		0.50	0.18	ug/L			12/27/24 23:41	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50	0.25	ug/L			12/27/24 23:41	1
1,1-Dichloroethane	ND		0.50	0.21	ug/L			12/27/24 23:41	1
1,1-Dichloroethene	ND		0.50	0.21	ug/L			12/27/24 23:41	1
1,1-Dichloropropene	ND		0.50	0.16	ug/L			12/27/24 23:41	1
1,2,3-Trichlorobenzene	ND		0.50	0.26	ug/L			12/27/24 23:41	1
1,2,3-Trichloropropane	ND		0.50	0.31	ug/L			12/27/24 23:41	1
1,2,4-Trichlorobenzene	ND		0.50	0.26	ug/L			12/27/24 23:41	1
1,2,4-Trimethylbenzene	ND		0.50	0.22	ug/L			12/27/24 23:41	1
1,3,5-Trimethylbenzene	ND		0.50	0.19	ug/L			12/27/24 23:41	1
c-1,2-Dichloroethene	ND		0.50	0.16	ug/L			12/27/24 23:41	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.84	ug/L			12/27/24 23:41	1
1,2-Dichlorobenzene	ND		0.50	0.14	ug/L			12/27/24 23:41	1
1,2-Dichloroethane	ND		0.50	0.14	ug/L			12/27/24 23:41	1
1,2-Dichloropropane	ND		0.50	0.14	ug/L			12/27/24 23:41	1
t-1,2-Dichloroethene	ND		0.50	0.22	ug/L			12/27/24 23:41	1
c-1,3-Dichloropropene	ND		0.50	0.15	ug/L			12/27/24 23:41	1
1,3-Dichlorobenzene	ND		0.50	0.16	ug/L			12/27/24 23:41	1
1,3-Dichloropropane	ND		0.50	0.19	ug/L			12/27/24 23:41	1
t-1,3-Dichloropropene	ND		0.50	0.21	ug/L			12/27/24 23:41	1
1,4-Dichlorobenzene	ND		0.50	0.11	ug/L			12/27/24 23:41	1
2,2-Dichloropropane	ND		0.50	0.26	ug/L			12/27/24 23:41	1
2-Chlorotoluene	ND		0.50	0.23	ug/L			12/27/24 23:41	1
4-Chlorotoluene	ND		0.50	0.24	ug/L			12/27/24 23:41	1
4-Methyl-2-pentanone	ND		5.0	1.6	ug/L			12/27/24 23:41	1
Acetone	ND		8.0	3.6	ug/L			12/27/24 23:41	1
Bromobenzene	ND		0.50	0.14	ug/L			12/27/24 23:41	1
Bromochloromethane	ND		1.0	0.27	ug/L			12/27/24 23:41	1
Bromoform	ND		0.50	0.28	ug/L			12/27/24 23:41	1
Bromomethane	ND		2.0	1.9	ug/L			12/27/24 23:41	1
Carbon disulfide	ND		1.0	0.32	ug/L			12/27/24 23:41	1
Carbon tetrachloride	ND		0.50	0.27	ug/L			12/27/24 23:41	1
Chlorobenzene	ND		0.50	0.12	ug/L			12/27/24 23:41	1
Dibromochloromethane	ND		0.50	0.21	ug/L			12/27/24 23:41	1
Chloroethane	ND		0.50	0.38	ug/L			12/27/24 23:41	1
Chloroform	ND		0.50	0.25	ug/L			12/27/24 23:41	1
Chloromethane	ND		1.0	0.65	ug/L			12/27/24 23:41	1
Dibromomethane	ND		0.50	0.16	ug/L			12/27/24 23:41	1
Bromodichloromethane	ND		0.50	0.15	ug/L			12/27/24 23:41	1

Client Sample Results

Client: Stantec Consulting Services Inc Job ID: 570-211802-1
Project/Site: ExxonMobil Gladiola Station / 238000257

Client Sample ID: MW-39 **Lab Sample ID: 570-211802-7**
Date Collected: 12/18/24 11:30 **Matrix: Water**
Date Received: 12/19/24 09:55

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			12/27/24 23:41	1
1,2-Dibromoethane	ND		0.50	0.27	ug/L			12/27/24 23:41	1
Hexachloro-1,3-butadiene	ND		1.0	0.26	ug/L			12/27/24 23:41	1
Isopropylbenzene	ND		0.50	0.21	ug/L			12/27/24 23:41	1
2-Butanone	ND		5.0	2.9	ug/L			12/27/24 23:41	1
Methylene Chloride	ND		1.0	0.40	ug/L			12/27/24 23:41	1
2-Hexanone	ND		6.0	2.0	ug/L			12/27/24 23:41	1
Naphthalene	ND		1.0	0.55	ug/L			12/27/24 23:41	1
n-Butylbenzene	ND		0.50	0.24	ug/L			12/27/24 23:41	1
N-Propylbenzene	ND		0.50	0.18	ug/L			12/27/24 23:41	1
p-Isopropyltoluene	ND		0.50	0.20	ug/L			12/27/24 23:41	1
sec-Butylbenzene	ND		0.50	0.20	ug/L			12/27/24 23:41	1
Styrene	ND		0.50	0.27	ug/L			12/27/24 23:41	1
tert-Butylbenzene	ND		0.50	0.21	ug/L			12/27/24 23:41	1
Tetrachloroethene	ND		0.50	0.16	ug/L			12/27/24 23:41	1
Trichloroethene	ND		0.50	0.15	ug/L			12/27/24 23:41	1
Trichlorofluoromethane	ND		0.50	0.26	ug/L			12/27/24 23:41	1
Vinyl chloride	ND		0.50	0.23	ug/L			12/27/24 23:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*86*		*64 - 132*		*12/27/24 23:41*	*1*
4-Bromofluorobenzene (Surr)	*92*		*76 - 120*		*12/27/24 23:41*	*1*
Dibromofluoromethane (Surr)	*89*		*80 - 120*		*12/27/24 23:41*	*1*
Toluene-d8 (Surr)	*104*		*80 - 120*		*12/27/24 23:41*	*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		12/19/24 20:05	12/29/24 18:20	1
Acenaphthylene	ND		0.21	0.071	ug/L		12/19/24 20:05	12/29/24 18:20	1
Anthracene	ND		0.21	0.061	ug/L		12/19/24 20:05	12/29/24 18:20	1
Benzo[a]anthracene	ND		0.21	0.088	ug/L		12/19/24 20:05	12/29/24 18:20	1
Benzo[a]pyrene	ND		0.21	0.064	ug/L		12/19/24 20:05	12/29/24 18:20	1
Benzo[b]fluoranthene	ND		0.21	0.18	ug/L		12/19/24 20:05	12/29/24 18:20	1
Benzo[g,h,i]perylene	ND		0.21	0.10	ug/L		12/19/24 20:05	12/29/24 18:20	1
Benzo[k]fluoranthene	ND		0.21	0.16	ug/L		12/19/24 20:05	12/29/24 18:20	1
Chrysene	ND		0.21	0.061	ug/L		12/19/24 20:05	12/29/24 18:20	1
Dibenz(a,h)anthracene	ND		0.21	0.12	ug/L		12/19/24 20:05	12/29/24 18:20	1
Fluoranthene	ND		0.21	0.14	ug/L		12/19/24 20:05	12/29/24 18:20	1
Fluorene	ND		0.21	0.077	ug/L		12/19/24 20:05	12/29/24 18:20	1
Indeno[1,2,3-cd]pyrene	ND		0.21	0.11	ug/L		12/19/24 20:05	12/29/24 18:20	1
1-Methylnaphthalene	ND		0.21	0.075	ug/L		12/19/24 20:05	12/29/24 18:20	1
2-Methylnaphthalene	ND		0.21	0.079	ug/L		12/19/24 20:05	12/29/24 18:20	1
Naphthalene	ND		0.21	0.15	ug/L		12/19/24 20:05	12/29/24 18:20	1
Phenanthrene	ND		0.21	0.075	ug/L		12/19/24 20:05	12/29/24 18:20	1
Pyrene	ND		0.21	0.068	ug/L		12/19/24 20:05	12/29/24 18:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*63*		*33 - 144*	*12/19/24 20:05*	*12/29/24 18:20*	*1*
Nitrobenzene-d5 (Surr)	*54*		*28 - 139*	*12/19/24 20:05*	*12/29/24 18:20*	*1*
p-Terphenyl-d14 (Surr)	*69*		*23 - 160*	*12/19/24 20:05*	*12/29/24 18:20*	*1*

Client Sample Results

Client: Stantec Consulting Services Inc Job ID: 570-211802-1
Project/Site: ExxonMobil Gladiola Station / 238000257

Client Sample ID: MW-39 Lab Sample ID: 570-211802-7

Date Collected: 12/18/24 11:30 **Matrix: Water**
Date Received: 12/19/24 09:55

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**100**		10	3.6	mg/L			01/04/25 00:30	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		12/27/24 04:19	12/27/24 10:52	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		12/20/24 10:40	12/21/24 01:15	1
Barium	**0.0601**		0.0100	0.00111	mg/L		12/20/24 10:40	12/21/24 01:15	1
Cadmium	ND		0.0100	0.000620	mg/L		12/20/24 10:40	12/21/24 01:15	1
Chromium	**0.00420**	**J**	0.0500	0.00296	mg/L		12/20/24 10:40	12/21/24 01:15	1
Lead	ND		0.0500	0.00527	mg/L		12/20/24 10:40	12/21/24 01:15	1
Selenium	ND		0.0500	0.0162	mg/L		12/20/24 10:40	12/21/24 01:15	1
Silver	ND		0.0100	0.00259	mg/L		12/20/24 10:40	12/21/24 01:15	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	**630**		10.0	8.35	mg/L			12/23/24 17:08	1

Surrogate Summary

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

Job ID: 570-211802-1

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

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
		DCA	BFB	DBFM	TOL
Lab Sample ID	Client Sample ID	(64-132)	(76-120)	(80-120)	(80-120)
570-211802-1	MW-29	81	95	86	105
570-211802-2	Trip Blank	80	94	87	111
570-211802-3	MW-35	83	99	88	103
570-211802-4	MW-36	80	94	88	106
570-211802-5	MW-37	79	96	87	105
570-211802-6	MW-38	79	93	87	105
570-211802-7	MW-39	86	92	89	104
LCS 570-518251/1002	Lab Control Sample	91	97	92	103
LCSD 570-518251/3	Lab Control Sample Dup	94	96	93	103
MB 570-518251/5	Method Blank	82	97	89	107

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)		
		FBP	NBZ	TPHd14
Lab Sample ID	Client Sample ID	(33-144)	(28-139)	(23-160)
570-211802-1	MW-29	79	71	81
570-211802-3	MW-35	75	72	80
570-211802-4	MW-36	75	74	78
570-211802-5	MW-37	84	75	81
570-211802-6	MW-38	75	70	77
570-211802-7	MW-39	63	54	69
LCS 570-516128/2-A	Lab Control Sample	66	65	73
LCSD 570-516128/3-A	Lab Control Sample Dup	81	69	82
MB 570-516128/1-A	Method Blank	79	80	83

Surrogate Legend

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

QC Sample Results

Client: Stantec Consulting Services Inc
Job ID: 570-211802-1
Project/Site: ExxonMobil Gladiola Station / 238000257

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

Lab Sample ID: MB 570-518251/5
Matrix: Water
Analysis Batch: 518251

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			12/27/24 20:18	1
Toluene	ND		0.50	0.14	ug/L			12/27/24 20:18	1
Ethylbenzene	ND		0.50	0.16	ug/L			12/27/24 20:18	1
o-Xylene	ND		0.50	0.18	ug/L			12/27/24 20:18	1
m,p-Xylene	ND		1.0	0.39	ug/L			12/27/24 20:18	1
Xylenes, Total	ND		1.0	0.39	ug/L			12/27/24 20:18	1
Methyl-t-Butyl Ether (MTBE)	ND		0.50	0.14	ug/L			12/27/24 20:18	1
1,1,1,2-Tetrachloroethane	ND		0.50	0.20	ug/L			12/27/24 20:18	1
1,1,1-Trichloroethane	ND		0.50	0.20	ug/L			12/27/24 20:18	1
1,1,2,2-Tetrachloroethane	ND		0.50	0.14	ug/L			12/27/24 20:18	1
1,1,2-Trichloroethane	ND		0.50	0.18	ug/L			12/27/24 20:18	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50	0.25	ug/L			12/27/24 20:18	1
1,1-Dichloroethane	ND		0.50	0.21	ug/L			12/27/24 20:18	1
1,1-Dichloroethene	ND		0.50	0.21	ug/L			12/27/24 20:18	1
1,1-Dichloropropene	ND		0.50	0.16	ug/L			12/27/24 20:18	1
1,2,3-Trichlorobenzene	ND		0.50	0.26	ug/L			12/27/24 20:18	1
1,2,3-Trichloropropane	ND		0.50	0.31	ug/L			12/27/24 20:18	1
1,2,4-Trichlorobenzene	ND		0.50	0.26	ug/L			12/27/24 20:18	1
1,2,4-Trimethylbenzene	ND		0.50	0.22	ug/L			12/27/24 20:18	1
1,3,5-Trimethylbenzene	ND		0.50	0.19	ug/L			12/27/24 20:18	1
c-1,2-Dichloroethene	ND		0.50	0.16	ug/L			12/27/24 20:18	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.84	ug/L			12/27/24 20:18	1
1,2-Dichlorobenzene	ND		0.50	0.14	ug/L			12/27/24 20:18	1
1,2-Dichloroethane	ND		0.50	0.14	ug/L			12/27/24 20:18	1
1,2-Dichloropropane	ND		0.50	0.14	ug/L			12/27/24 20:18	1
t-1,2-Dichloroethene	ND		0.50	0.22	ug/L			12/27/24 20:18	1
c-1,3-Dichloropropene	ND		0.50	0.15	ug/L			12/27/24 20:18	1
1,3-Dichlorobenzene	ND		0.50	0.16	ug/L			12/27/24 20:18	1
1,3-Dichloropropane	ND		0.50	0.19	ug/L			12/27/24 20:18	1
t-1,3-Dichloropropene	ND		0.50	0.21	ug/L			12/27/24 20:18	1
1,4-Dichlorobenzene	ND		0.50	0.11	ug/L			12/27/24 20:18	1
2,2-Dichloropropane	ND		0.50	0.26	ug/L			12/27/24 20:18	1
2-Chlorotoluene	ND		0.50	0.23	ug/L			12/27/24 20:18	1
4-Chlorotoluene	ND		0.50	0.24	ug/L			12/27/24 20:18	1
4-Methyl-2-pentanone	ND		5.0	1.6	ug/L			12/27/24 20:18	1
Acetone	ND		8.0	3.6	ug/L			12/27/24 20:18	1
Bromobenzene	ND		0.50	0.14	ug/L			12/27/24 20:18	1
Bromochloromethane	ND		1.0	0.27	ug/L			12/27/24 20:18	1
Bromoform	ND		0.50	0.28	ug/L			12/27/24 20:18	1
Bromomethane	ND		2.0	1.9	ug/L			12/27/24 20:18	1
Carbon disulfide	ND		1.0	0.32	ug/L			12/27/24 20:18	1
Carbon tetrachloride	ND		0.50	0.27	ug/L			12/27/24 20:18	1
Chlorobenzene	ND		0.50	0.12	ug/L			12/27/24 20:18	1
Dibromochloromethane	ND		0.50	0.21	ug/L			12/27/24 20:18	1
Chloroethane	ND		0.50	0.38	ug/L			12/27/24 20:18	1
Chloroform	ND		0.50	0.25	ug/L			12/27/24 20:18	1
Chloromethane	ND		1.0	0.65	ug/L			12/27/24 20:18	1
Dibromomethane	ND		0.50	0.16	ug/L			12/27/24 20:18	1

QC Sample Results

Client: Stantec Consulting Services Inc
Job ID: 570-211802-1
Project/Site: ExxonMobil Gladiola Station / 238000257

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

Lab Sample ID: MB 570-518251/5
Matrix: Water
Analysis Batch: 518251

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			12/27/24 20:18	1
Dichlorodifluoromethane	ND		1.0	0.51	ug/L			12/27/24 20:18	1
1,2-Dibromoethane	ND		0.50	0.27	ug/L			12/27/24 20:18	1
Hexachloro-1,3-butadiene	ND		1.0	0.26	ug/L			12/27/24 20:18	1
Isopropylbenzene	ND		0.50	0.21	ug/L			12/27/24 20:18	1
2-Butanone	ND		5.0	2.9	ug/L			12/27/24 20:18	1
Methylene Chloride	ND		1.0	0.40	ug/L			12/27/24 20:18	1
2-Hexanone	ND		6.0	2.0	ug/L			12/27/24 20:18	1
Naphthalene	ND		1.0	0.55	ug/L			12/27/24 20:18	1
n-Butylbenzene	ND		0.50	0.24	ug/L			12/27/24 20:18	1
N-Propylbenzene	ND		0.50	0.18	ug/L			12/27/24 20:18	1
p-Isopropyltoluene	ND		0.50	0.20	ug/L			12/27/24 20:18	1
sec-Butylbenzene	ND		0.50	0.20	ug/L			12/27/24 20:18	1
Styrene	ND		0.50	0.27	ug/L			12/27/24 20:18	1
tert-Butylbenzene	ND		0.50	0.21	ug/L			12/27/24 20:18	1
Tetrachloroethene	ND		0.50	0.16	ug/L			12/27/24 20:18	1
Trichloroethene	ND		0.50	0.15	ug/L			12/27/24 20:18	1
Trichlorofluoromethane	ND		0.50	0.26	ug/L			12/27/24 20:18	1
Vinyl chloride	ND		0.50	0.23	ug/L			12/27/24 20:18	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*82*		*64 - 132*		*12/27/24 20:18*	*1*
4-Bromofluorobenzene (Surr)	*97*		*76 - 120*		*12/27/24 20:18*	*1*
Dibromofluoromethane (Surr)	*89*		*80 - 120*		*12/27/24 20:18*	*1*
Toluene-d8 (Surr)	*107*		*80 - 120*		*12/27/24 20:18*	*1*

Lab Sample ID: LCS 570-518251/1002
Matrix: Water
Analysis Batch: 518251

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	9.954		ug/L		100	80 - 120
Toluene	10.0	11.21		ug/L		112	80 - 120
Ethylbenzene	10.0	10.59		ug/L		106	80 - 126
o-Xylene	10.0	10.09		ug/L		101	80 - 124
m,p-Xylene	20.0	19.74		ug/L		99	80 - 123
Methyl-t-Butyl Ether (MTBE)	10.0	7.685		ug/L		77	69 - 128
1,1-Dichloroethene	10.0	9.571		ug/L		96	80 - 126
1,2-Dichlorobenzene	10.0	9.381		ug/L		94	80 - 120
1,2-Dichloroethane	10.0	8.975		ug/L		90	76 - 130
Carbon tetrachloride	10.0	9.614		ug/L		96	61 - 139
Chlorobenzene	10.0	9.500		ug/L		95	80 - 120
1,2-Dibromoethane	10.0	8.316		ug/L		83	80 - 125
Hexachloro-1,3-butadiene	10.0	10.80		ug/L		108	80 - 123
Trichloroethene	10.0	10.06		ug/L		101	77 - 124
Vinyl chloride	10.0	9.041		ug/L		90	50 - 160

QC Sample Results

Client: Stantec Consulting Services Inc
Job ID: 570-211802-1
Project/Site: ExxonMobil Gladiola Station / 238000257

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

Lab Sample ID: LCS 570-518251/1002
Matrix: Water
Analysis Batch: 518251

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

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	*91*		*64 - 132*
4-Bromofluorobenzene (Surr)	*97*		*76 - 120*
Dibromofluoromethane (Surr)	*92*		*80 - 120*
Toluene-d8 (Surr)	*103*		*80 - 120*

Lab Sample ID: LCSD 570-518251/3
Matrix: Water
Analysis Batch: 518251

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	9.476		ug/L		95	80 - 120	5	20
Toluene			10.0	10.74		ug/L		107	80 - 120	4	20
Ethylbenzene			10.0	10.04		ug/L		100	80 - 126	5	20
o-Xylene			10.0	9.805		ug/L		98	80 - 124	3	20
m,p-Xylene			20.0	18.72		ug/L		94	80 - 123	5	20
Methyl-t-Butyl Ether (MTBE)			10.0	8.318		ug/L		83	69 - 128	8	20
1,1-Dichloroethene			10.0	9.492		ug/L		95	80 - 126	1	21
1,2-Dichlorobenzene			10.0	9.590		ug/L		96	80 - 120	2	20
1,2-Dichloroethane			10.0	8.977		ug/L		90	76 - 130	0	20
Carbon tetrachloride			10.0	9.136		ug/L		91	61 - 139	5	20
Chlorobenzene			10.0	9.171		ug/L		92	80 - 120	4	20
1,2-Dibromoethane			10.0	8.849		ug/L		88	80 - 125	6	20
Hexachloro-1,3-butadiene			10.0	10.70		ug/L		107	80 - 123	1	20
Trichloroethene			10.0	9.375		ug/L		94	77 - 124	7	20
Vinyl chloride			10.0	10.43		ug/L		104	50 - 160	14	20

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	*94*		*64 - 132*
4-Bromofluorobenzene (Surr)	*96*		*76 - 120*
Dibromofluoromethane (Surr)	*93*		*80 - 120*
Toluene-d8 (Surr)	*103*		*80 - 120*

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

Lab Sample ID: MB 570-516128/1-A
Matrix: Water
Analysis Batch: 518623

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 516128

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		0.20	0.097	ug/L		12/19/24 20:05	12/29/24 15:19	1
Acenaphthylene	ND		0.20	0.069	ug/L		12/19/24 20:05	12/29/24 15:19	1
Anthracene	ND		0.20	0.059	ug/L		12/19/24 20:05	12/29/24 15:19	1
Benzo[a]anthracene	ND		0.20	0.086	ug/L		12/19/24 20:05	12/29/24 15:19	1
Benzo[a]pyrene	ND		0.20	0.062	ug/L		12/19/24 20:05	12/29/24 15:19	1
Benzo[b]fluoranthene	ND		0.20	0.18	ug/L		12/19/24 20:05	12/29/24 15:19	1
Benzo[g,h,i]perylene	ND		0.20	0.10	ug/L		12/19/24 20:05	12/29/24 15:19	1
Benzo[k]fluoranthene	ND		0.20	0.15	ug/L		12/19/24 20:05	12/29/24 15:19	1
Chrysene	ND		0.20	0.059	ug/L		12/19/24 20:05	12/29/24 15:19	1

QC Sample Results

Client: Stantec Consulting Services Inc
Job ID: 570-211802-1
Project/Site: ExxonMobil Gladiola Station / 238000257

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

Lab Sample ID: MB 570-516128/1-A
Matrix: Water
Analysis Batch: 518623

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 516128

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenz(a,h)anthracene	ND		0.20	0.11	ug/L		12/19/24 20:05	12/29/24 15:19	1
Fluoranthene	ND		0.20	0.14	ug/L		12/19/24 20:05	12/29/24 15:19	1
Fluorene	ND		0.20	0.075	ug/L		12/19/24 20:05	12/29/24 15:19	1
Indeno[1,2,3-cd]pyrene	ND		0.20	0.11	ug/L		12/19/24 20:05	12/29/24 15:19	1
1-Methylnaphthalene	ND		0.20	0.073	ug/L		12/19/24 20:05	12/29/24 15:19	1
2-Methylnaphthalene	ND		0.20	0.077	ug/L		12/19/24 20:05	12/29/24 15:19	1
Naphthalene	ND		0.20	0.15	ug/L		12/19/24 20:05	12/29/24 15:19	1
Phenanthrene	ND		0.20	0.073	ug/L		12/19/24 20:05	12/29/24 15:19	1
Pyrene	ND		0.20	0.066	ug/L		12/19/24 20:05	12/29/24 15:19	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*79*		*33 - 144*	*12/19/24 20:05*	*12/29/24 15:19*	*1*
Nitrobenzene-d5 (Surr)	*80*		*28 - 139*	*12/19/24 20:05*	*12/29/24 15:19*	*1*
p-Terphenyl-d14 (Surr)	*83*		*23 - 160*	*12/19/24 20:05*	*12/29/24 15:19*	*1*

Lab Sample ID: LCS 570-516128/2-A
Matrix: Water
Analysis Batch: 518623

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 516128

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Acenaphthene	10.0	7.110		ug/L		71	55 - 121
Acenaphthylene	10.0	7.001		ug/L		70	33 - 145
Anthracene	10.0	8.138		ug/L		81	27 - 133
Benzo[a]anthracene	10.0	7.824		ug/L		78	33 - 143
Benzo[a]pyrene	10.0	8.018		ug/L		80	17 - 163
Benzo[b]fluoranthene	10.0	8.022		ug/L		80	24 - 159
Benzo[g,h,i]perylene	10.0	6.885		ug/L		69	25 - 157
Benzo[k]fluoranthene	10.0	7.903		ug/L		79	24 - 159
Chrysene	10.0	7.536		ug/L		75	17 - 168
Dibenz(a,h)anthracene	10.0	7.213		ug/L		72	25 - 175
Fluoranthene	10.0	8.065		ug/L		81	26 - 137
Fluorene	10.0	7.990		ug/L		80	59 - 121
Indeno[1,2,3-cd]pyrene	10.0	7.706		ug/L		77	25 - 175
1-Methylnaphthalene	10.0	6.111		ug/L		61	20 - 140
2-Methylnaphthalene	10.0	7.331		ug/L		73	21 - 140
Naphthalene	10.0	6.241		ug/L		62	21 - 133
Phenanthrene	10.0	7.515		ug/L		75	54 - 120
Pyrene	10.0	7.755		ug/L		78	45 - 129

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2-Fluorobiphenyl (Surr)	*66*		*33 - 144*
Nitrobenzene-d5 (Surr)	*65*		*28 - 139*
p-Terphenyl-d14 (Surr)	*73*		*23 - 160*

QC Sample Results

Client: Stantec Consulting Services Inc
Job ID: 570-211802-1
Project/Site: ExxonMobil Gladiola Station / 238000257

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

Lab Sample ID: LCSD 570-516128/3-A
Client Sample ID: Lab Control Sample Dup
Matrix: Water
Prep Type: Total/NA
Analysis Batch: 518623
Prep Batch: 516128

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Acenaphthene			10.0	8.684		ug/L		87	55 - 121	20	25
Acenaphthylene			10.0	8.310		ug/L		83	33 - 145	17	25
Anthracene			10.0	8.791		ug/L		88	27 - 133	8	25
Benzo[a]anthracene			10.0	8.665		ug/L		87	33 - 143	10	25
Benzo[a]pyrene			10.0	8.979		ug/L		90	17 - 163	11	25
Benzo[b]fluoranthene			10.0	8.126		ug/L		81	24 - 159	1	25
Benzo[g,h,i]perylene			10.0	7.732		ug/L		77	25 - 157	12	25
Benzo[k]fluoranthene			10.0	8.118		ug/L		81	24 - 159	3	25
Chrysene			10.0	8.421		ug/L		84	17 - 168	11	25
Dibenz(a,h)anthracene			10.0	8.007		ug/L		80	25 - 175	10	25
Fluoranthene			10.0	8.720		ug/L		87	26 - 137	8	25
Fluorene			10.0	9.174		ug/L		92	59 - 121	14	25
Indeno[1,2,3-cd]pyrene			10.0	8.200		ug/L		82	25 - 175	6	25
1-Methylnaphthalene			10.0	6.072		ug/L		61	20 - 140	1	25
2-Methylnaphthalene			10.0	7.136		ug/L		71	21 - 140	3	25
Naphthalene			10.0	6.938		ug/L		69	21 - 133	11	25
Phenanthrene			10.0	8.247		ug/L		82	54 - 120	9	25
Pyrene			10.0	8.513		ug/L		85	45 - 129	9	25

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
2-Fluorobiphenyl (Surr)	*81*		*33 - 144*
Nitrobenzene-d5 (Surr)	*69*		*28 - 139*
p-Terphenyl-d14 (Surr)	*82*		*23 - 160*

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 570-519797/5
Client Sample ID: Method Blank
Matrix: Water
Prep Type: Total/NA
Analysis Batch: 519797

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		1.0	0.36	mg/L			01/03/25 05:25	1

Lab Sample ID: LCS 570-519797/6
Client Sample ID: Lab Control Sample
Matrix: Water
Prep Type: Total/NA
Analysis Batch: 519797

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride			50.0	51.91		mg/L		104	90 - 110		

Lab Sample ID: LCSD 570-519797/7
Client Sample ID: Lab Control Sample Dup
Matrix: Water
Prep Type: Total/NA
Analysis Batch: 519797

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride			50.0	52.02		mg/L		104	90 - 110	0	15

QC Sample Results

Client: Stantec Consulting Services Inc Job ID: 570-211802-1
Project/Site: ExxonMobil Gladiola Station / 238000257

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: 570-211761-A-34 MS — **Client Sample ID: Matrix Spike**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 519797

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	44	F1	50.0	102.9	E	mg/L		119	80 - 120

Lab Sample ID: 570-211761-A-34 MSD — **Client Sample ID: Matrix Spike Duplicate**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 519797

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	44	F1	50.0	104.1	E F1	mg/L		121	80 - 120	1	20

Method: 245.1 - Mercury (CVAA)

Lab Sample ID: MB 570-516345/1-A — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 516529 — **Prep Batch: 516345**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.000200	0.000124	mg/L		12/20/24 10:28	12/20/24 13:44	1

Lab Sample ID: LCS 570-516345/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 516529 — **Prep Batch: 516345**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.00800	0.007916		mg/L		99	85 - 115

Lab Sample ID: LCSD 570-516345/3-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 516529 — **Prep Batch: 516345**

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury	0.00800	0.008054		mg/L		101	85 - 115	2	10

Lab Sample ID: 570-211536-B-1-C MS — **Client Sample ID: Matrix Spike**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 516529 — **Prep Batch: 516345**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.000136	J	0.00800	0.007870		mg/L		97	85 - 115

Lab Sample ID: 570-211536-B-1-D MSD — **Client Sample ID: Matrix Spike Duplicate**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 516529 — **Prep Batch: 516345**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury	0.000136	J	0.00800	0.007972		mg/L		98	85 - 115	1	10

QC Sample Results

Client: Stantec Consulting Services Inc Job ID: 570-211802-1
Project/Site: ExxonMobil Gladiola Station / 238000257

Method: 245.1 - Mercury (CVAA) (Continued)

Lab Sample ID: MB 570-518036/1-A — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 518320 — **Prep Batch: 518036**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.000200	0.000124	mg/L		12/27/24 02:17	12/27/24 10:07	1

Lab Sample ID: LCS 570-518036/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 518320 — **Prep Batch: 518036**

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Mercury			0.00800	0.007328		mg/L		92	85 - 115		

Lab Sample ID: LCSD 570-518036/3-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 518320 — **Prep Batch: 518036**

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury			0.00800	0.007321		mg/L		92	85 - 115	0	10

Lab Sample ID: 570-212032-G-1-C MS — **Client Sample ID: Matrix Spike**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 518320 — **Prep Batch: 518036**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Mercury	0.000169	J F1	0.00800	0.01046	F1	mg/L		129	85 - 115		

Lab Sample ID: 570-212032-G-1-D MSD — **Client Sample ID: Matrix Spike Duplicate**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 518320 — **Prep Batch: 518036**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury	0.000169	J F1	0.00800	0.01029	F1	mg/L		126	85 - 115	2	10

Method: 6010B - Metals (ICP)

Lab Sample ID: MB 570-516372/1-A — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total Recoverable**
Analysis Batch: 517034 — **Prep Batch: 516372**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		0.100	0.0199	mg/L		12/20/24 10:40	12/21/24 00:48	1
Barium	ND		0.0100	0.00111	mg/L		12/20/24 10:40	12/21/24 00:48	1
Cadmium	ND		0.0100	0.000620	mg/L		12/20/24 10:40	12/21/24 00:48	1
Chromium	ND		0.0500	0.00296	mg/L		12/20/24 10:40	12/21/24 00:48	1
Lead	ND		0.0500	0.00527	mg/L		12/20/24 10:40	12/21/24 00:48	1
Selenium	ND		0.0500	0.0162	mg/L		12/20/24 10:40	12/21/24 00:48	1
Silver	ND		0.0100	0.00259	mg/L		12/20/24 10:40	12/21/24 00:48	1

QC Sample Results

Client: Stantec Consulting Services Inc
Job ID: 570-211802-1
Project/Site: ExxonMobil Gladiola Station / 238000257

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

Lab Sample ID: LCS 570-516372/2-A
Client Sample ID: Lab Control Sample
Matrix: Water
Prep Type: Total Recoverable
Analysis Batch: 517034
Prep Batch: 516372

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Arsenic			0.500	0.4867		mg/L		97	80 - 120		
Barium			0.500	0.4920		mg/L		98	80 - 120		
Cadmium			0.500	0.4922		mg/L		98	80 - 120		
Chromium			0.500	0.5039		mg/L		101	80 - 120		
Lead			0.500	0.4978		mg/L		100	80 - 120		
Selenium			0.500	0.4775		mg/L		96	80 - 120		
Silver			0.250	0.2439		mg/L		98	80 - 120		

Lab Sample ID: LCSD 570-516372/3-A
Client Sample ID: Lab Control Sample Dup
Matrix: Water
Prep Type: Total Recoverable
Analysis Batch: 517034
Prep Batch: 516372

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Arsenic			0.500	0.4956		mg/L		99	80 - 120	2	20
Barium			0.500	0.4994		mg/L		100	80 - 120	1	20
Cadmium			0.500	0.5006		mg/L		100	80 - 120	2	20
Chromium			0.500	0.5109		mg/L		102	80 - 120	1	20
Lead			0.500	0.5051		mg/L		101	80 - 120	1	20
Selenium			0.500	0.4818		mg/L		96	80 - 120	1	20
Silver			0.250	0.2474		mg/L		99	80 - 120	1	20

Lab Sample ID: 570-211802-1 MS
Client Sample ID: MW-29
Matrix: Water
Prep Type: Total Recoverable
Analysis Batch: 517034
Prep Batch: 516372

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Arsenic	ND		0.500	0.5297		mg/L		106	80 - 140		
Barium	0.0401		0.500	0.5401		mg/L		100	87 - 123		
Cadmium	ND		0.500	0.4989		mg/L		100	82 - 124		
Chromium	ND		0.500	0.5173		mg/L		103	86 - 122		
Lead	ND		0.500	0.5008		mg/L		100	84 - 120		
Selenium	ND		0.500	0.5064		mg/L		101	79 - 127		
Silver	ND		0.250	0.2560		mg/L		102	86 - 128		

Lab Sample ID: 570-211802-1 MSD
Client Sample ID: MW-29
Matrix: Water
Prep Type: Total Recoverable
Analysis Batch: 517034
Prep Batch: 516372

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Arsenic	ND		0.500	0.5221		mg/L		104	80 - 140	1	11
Barium	0.0401		0.500	0.5347		mg/L		99	87 - 123	1	6
Cadmium	ND		0.500	0.4897		mg/L		98	82 - 124	2	7
Chromium	ND		0.500	0.5077		mg/L		102	86 - 122	2	8
Lead	ND		0.500	0.4923		mg/L		98	84 - 120	2	7
Selenium	ND		0.500	0.4971		mg/L		99	79 - 127	2	9
Silver	ND		0.250	0.2507		mg/L		100	86 - 128	2	7

QC Sample Results

Client: Stantec Consulting Services Inc
Job ID: 570-211802-1
Project/Site: ExxonMobil Gladiola Station / 238000257

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

Lab Sample ID: MB 570-517379/1
Client Sample ID: Method Blank
Matrix: Water
Prep Type: Total/NA
Analysis Batch: 517379

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	ND		10.0	8.35	mg/L			12/23/24 17:08	1

Lab Sample ID: LCS 570-517379/2
Client Sample ID: Lab Control Sample
Matrix: Water
Prep Type: Total/NA
Analysis Batch: 517379

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Total Dissolved Solids			1000	958.0		mg/L		96	84 - 108		

Lab Sample ID: LCSD 570-517379/3
Client Sample ID: Lab Control Sample Dup
Matrix: Water
Prep Type: Total/NA
Analysis Batch: 517379

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Total Dissolved Solids			1000	952.0		mg/L		95	84 - 108	1	10

Lab Sample ID: 570-211406-A-8 DU
Client Sample ID: Duplicate
Matrix: Water
Prep Type: Total/NA
Analysis Batch: 517379

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Total Dissolved Solids	431			431.0		mg/L				0	10

QC Association Summary

Client: Stantec Consulting Services Inc
Job ID: 570-211802-1
Project/Site: ExxonMobil Gladiola Station / 238000257

GC/MS VOA

Analysis Batch: 518251

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-211802-1	MW-29	Total/NA	Water	8260B	
570-211802-2	Trip Blank	Total/NA	Water	8260B	
570-211802-3	MW-35	Total/NA	Water	8260B	
570-211802-4	MW-36	Total/NA	Water	8260B	
570-211802-5	MW-37	Total/NA	Water	8260B	
570-211802-6	MW-38	Total/NA	Water	8260B	
570-211802-7	MW-39	Total/NA	Water	8260B	
MB 570-518251/5	Method Blank	Total/NA	Water	8260B	
LCS 570-518251/1002	Lab Control Sample	Total/NA	Water	8260B	
LCSD 570-518251/3	Lab Control Sample Dup	Total/NA	Water	8260B	

GC/MS Semi VOA

Prep Batch: 516128

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-211802-1	MW-29	Total/NA	Water	3510C	
570-211802-3	MW-35	Total/NA	Water	3510C	
570-211802-4	MW-36	Total/NA	Water	3510C	
570-211802-5	MW-37	Total/NA	Water	3510C	
570-211802-6	MW-38	Total/NA	Water	3510C	
570-211802-7	MW-39	Total/NA	Water	3510C	
MB 570-516128/1-A	Method Blank	Total/NA	Water	3510C	
LCS 570-516128/2-A	Lab Control Sample	Total/NA	Water	3510C	
LCSD 570-516128/3-A	Lab Control Sample Dup	Total/NA	Water	3510C	

Analysis Batch: 518623

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-211802-1	MW-29	Total/NA	Water	8270C SIM	516128
570-211802-3	MW-35	Total/NA	Water	8270C SIM	516128
570-211802-4	MW-36	Total/NA	Water	8270C SIM	516128
570-211802-5	MW-37	Total/NA	Water	8270C SIM	516128
570-211802-6	MW-38	Total/NA	Water	8270C SIM	516128
570-211802-7	MW-39	Total/NA	Water	8270C SIM	516128
MB 570-516128/1-A	Method Blank	Total/NA	Water	8270C SIM	516128
LCS 570-516128/2-A	Lab Control Sample	Total/NA	Water	8270C SIM	516128
LCSD 570-516128/3-A	Lab Control Sample Dup	Total/NA	Water	8270C SIM	516128

HPLC/IC

Analysis Batch: 519797

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-211802-1	MW-29	Total/NA	Water	300.0	
570-211802-3	MW-35	Total/NA	Water	300.0	
570-211802-4	MW-36	Total/NA	Water	300.0	
570-211802-5	MW-37	Total/NA	Water	300.0	
570-211802-6	MW-38	Total/NA	Water	300.0	
570-211802-7	MW-39	Total/NA	Water	300.0	
MB 570-519797/5	Method Blank	Total/NA	Water	300.0	
LCS 570-519797/6	Lab Control Sample	Total/NA	Water	300.0	
LCSD 570-519797/7	Lab Control Sample Dup	Total/NA	Water	300.0	
570-211761-A-34 MS	Matrix Spike	Total/NA	Water	300.0	
570-211761-A-34 MSD	Matrix Spike Duplicate	Total/NA	Water	300.0	

QC Association Summary

Client: Stantec Consulting Services Inc Job ID: 570-211802-1
Project/Site: ExxonMobil Gladiola Station / 238000257

Metals

Prep Batch: 516345

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-211802-1	MW-29	Total/NA	Water	245.1	
570-211802-3	MW-35	Total/NA	Water	245.1	
570-211802-4	MW-36	Total/NA	Water	245.1	
570-211802-5	MW-37	Total/NA	Water	245.1	
570-211802-6	MW-38	Total/NA	Water	245.1	
MB 570-516345/1-A	Method Blank	Total/NA	Water	245.1	
LCS 570-516345/2-A	Lab Control Sample	Total/NA	Water	245.1	
LCSD 570-516345/3-A	Lab Control Sample Dup	Total/NA	Water	245.1	
570-211536-B-1-C MS	Matrix Spike	Total/NA	Water	245.1	
570-211536-B-1-D MSD	Matrix Spike Duplicate	Total/NA	Water	245.1	

Prep Batch: 516372

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-211802-1	MW-29	Total Recoverable	Water	3005A	
570-211802-3	MW-35	Total Recoverable	Water	3005A	
570-211802-4	MW-36	Total Recoverable	Water	3005A	
570-211802-5	MW-37	Total Recoverable	Water	3005A	
570-211802-6	MW-38	Total Recoverable	Water	3005A	
570-211802-7	MW-39	Total Recoverable	Water	3005A	
MB 570-516372/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 570-516372/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
LCSD 570-516372/3-A	Lab Control Sample Dup	Total Recoverable	Water	3005A	
570-211802-1 MS	MW-29	Total Recoverable	Water	3005A	
570-211802-1 MSD	MW-29	Total Recoverable	Water	3005A	

Analysis Batch: 516529

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-211802-1	MW-29	Total/NA	Water	245.1	516345
570-211802-3	MW-35	Total/NA	Water	245.1	516345
570-211802-4	MW-36	Total/NA	Water	245.1	516345
570-211802-5	MW-37	Total/NA	Water	245.1	516345
570-211802-6	MW-38	Total/NA	Water	245.1	516345
MB 570-516345/1-A	Method Blank	Total/NA	Water	245.1	516345
LCS 570-516345/2-A	Lab Control Sample	Total/NA	Water	245.1	516345
LCSD 570-516345/3-A	Lab Control Sample Dup	Total/NA	Water	245.1	516345
570-211536-B-1-C MS	Matrix Spike	Total/NA	Water	245.1	516345
570-211536-B-1-D MSD	Matrix Spike Duplicate	Total/NA	Water	245.1	516345

Analysis Batch: 517034

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-211802-1	MW-29	Total Recoverable	Water	6010B	516372
570-211802-3	MW-35	Total Recoverable	Water	6010B	516372
570-211802-4	MW-36	Total Recoverable	Water	6010B	516372
570-211802-5	MW-37	Total Recoverable	Water	6010B	516372
570-211802-6	MW-38	Total Recoverable	Water	6010B	516372
570-211802-7	MW-39	Total Recoverable	Water	6010B	516372
MB 570-516372/1-A	Method Blank	Total Recoverable	Water	6010B	516372
LCS 570-516372/2-A	Lab Control Sample	Total Recoverable	Water	6010B	516372
LCSD 570-516372/3-A	Lab Control Sample Dup	Total Recoverable	Water	6010B	516372
570-211802-1 MS	MW-29	Total Recoverable	Water	6010B	516372
570-211802-1 MSD	MW-29	Total Recoverable	Water	6010B	516372

QC Association Summary

Client: Stantec Consulting Services Inc Job ID: 570-211802-1
Project/Site: ExxonMobil Gladiola Station / 238000257

Metals

Prep Batch: 518036

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-211802-7	MW-39	Total/NA	Water	245.1	
MB 570-518036/1-A	Method Blank	Total/NA	Water	245.1	
LCS 570-518036/2-A	Lab Control Sample	Total/NA	Water	245.1	
LCSD 570-518036/3-A	Lab Control Sample Dup	Total/NA	Water	245.1	
570-212032-G-1-C MS	Matrix Spike	Total/NA	Water	245.1	
570-212032-G-1-D MSD	Matrix Spike Duplicate	Total/NA	Water	245.1	

Analysis Batch: 518320

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-211802-7	MW-39	Total/NA	Water	245.1	518036
MB 570-518036/1-A	Method Blank	Total/NA	Water	245.1	518036
LCS 570-518036/2-A	Lab Control Sample	Total/NA	Water	245.1	518036
LCSD 570-518036/3-A	Lab Control Sample Dup	Total/NA	Water	245.1	518036
570-212032-G-1-C MS	Matrix Spike	Total/NA	Water	245.1	518036
570-212032-G-1-D MSD	Matrix Spike Duplicate	Total/NA	Water	245.1	518036

General Chemistry

Analysis Batch: 517379

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-211802-1	MW-29	Total/NA	Water	SM 2540C	
570-211802-3	MW-35	Total/NA	Water	SM 2540C	
570-211802-4	MW-36	Total/NA	Water	SM 2540C	
570-211802-5	MW-37	Total/NA	Water	SM 2540C	
570-211802-6	MW-38	Total/NA	Water	SM 2540C	
570-211802-7	MW-39	Total/NA	Water	SM 2540C	
MB 570-517379/1	Method Blank	Total/NA	Water	SM 2540C	
LCS 570-517379/2	Lab Control Sample	Total/NA	Water	SM 2540C	
LCSD 570-517379/3	Lab Control Sample Dup	Total/NA	Water	SM 2540C	
570-211406-A-8 DU	Duplicate	Total/NA	Water	SM 2540C	

Lab Chronicle

Client: Stantec Consulting Services Inc
Job ID: 570-211802-1
Project/Site: ExxonMobil Gladiola Station / 238000257

Client Sample ID: MW-29
Lab Sample ID: 570-211802-1
Date Collected: 12/18/24 14:20
Matrix: Water
Date Received: 12/19/24 09:55

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	518251	12/27/24 21:34	KHF2	EET CAL 4
	Instrument ID: GCMSWW									
Total/NA	Prep	3510C			982.1 mL	2 mL	516128	12/19/24 20:05	UD4J	EET CAL 4
Total/NA	Analysis	8270C SIM		1	1 mL	1 mL	518623	12/29/24 16:27	CG	EET CAL 4
	Instrument ID: GCMSMM									
Total/NA	Analysis	300.0		10	4 mL	4 mL	519797	01/03/25 23:06	YO8L	EET CAL 4
	Instrument ID: IC10									
Total/NA	Prep	245.1			25 mL	50 mL	516345	12/20/24 10:28	VCN7	EET CAL 4
Total/NA	Analysis	245.1		1			516529	12/20/24 14:15	BG9Y	EET CAL 4
	Instrument ID: HG7									
Total Recoverable	Prep	3005A			50 mL	50 mL	516372	12/20/24 10:40	JP8N	EET CAL 4
Total Recoverable	Analysis	6010B		1			517034	12/21/24 00:52	K1UV	EET CAL 4
	Instrument ID: ICP11									
Total/NA	Analysis	SM 2540C		1	100 mL	100 mL	517379	12/23/24 17:08	PK4M	EET CAL 4
	Instrument ID: BAL100									

Client Sample ID: Trip Blank
Lab Sample ID: 570-211802-2
Date Collected: 12/18/24 09:45
Matrix: Water
Date Received: 12/19/24 09:55

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	518251	12/27/24 20:44	KHF2	EET CAL 4
	Instrument ID: GCMSWW									

Client Sample ID: MW-35
Lab Sample ID: 570-211802-3
Date Collected: 12/18/24 13:25
Matrix: Water
Date Received: 12/19/24 09:55

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	518251	12/27/24 22:00	KHF2	EET CAL 4
	Instrument ID: GCMSWW									
Total/NA	Prep	3510C			995.6 mL	2 mL	516128	12/19/24 20:05	UD4J	EET CAL 4
Total/NA	Analysis	8270C SIM		1	1 mL	1 mL	518623	12/29/24 16:49	CG	EET CAL 4
	Instrument ID: GCMSMM									
Total/NA	Analysis	300.0		10	4 mL	4 mL	519797	01/03/25 23:23	YO8L	EET CAL 4
	Instrument ID: IC10									
Total/NA	Prep	245.1			25 mL	50 mL	516345	12/20/24 10:28	VCN7	EET CAL 4
Total/NA	Analysis	245.1		1			516529	12/20/24 14:17	BG9Y	EET CAL 4
	Instrument ID: HG7									
Total Recoverable	Prep	3005A			50 mL	50 mL	516372	12/20/24 10:40	JP8N	EET CAL 4
Total Recoverable	Analysis	6010B		1			517034	12/21/24 01:06	K1UV	EET CAL 4
	Instrument ID: ICP11									
Total/NA	Analysis	SM 2540C		1	100 mL	100 mL	517379	12/23/24 17:08	PK4M	EET CAL 4
	Instrument ID: BAL100									

Lab Chronicle

Client: Stantec Consulting Services Inc
Job ID: 570-211802-1
Project/Site: ExxonMobil Gladiola Station / 238000257

Client Sample ID: MW-36
Lab Sample ID: 570-211802-4
Date Collected: 12/18/24 12:45
Matrix: Water
Date Received: 12/19/24 09:55

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	518251	12/27/24 22:25	KHF2	EET CAL 4
	Instrument ID: GCMSWW									
Total/NA	Prep	3510C			989.3 mL	2 mL	516128	12/19/24 20:05	UD4J	EET CAL 4
Total/NA	Analysis	8270C SIM		1	1 mL	1 mL	518623	12/29/24 17:12	CG	EET CAL 4
	Instrument ID: GCMSMM									
Total/NA	Analysis	300.0		10	4 mL	4 mL	519797	01/03/25 23:40	YO8L	EET CAL 4
	Instrument ID: IC10									
Total/NA	Prep	245.1			25 mL	50 mL	516345	12/20/24 10:28	VCN7	EET CAL 4
Total/NA	Analysis	245.1		1			516529	12/20/24 14:18	BG9Y	EET CAL 4
	Instrument ID: HG7									
Total Recoverable	Prep	3005A			50 mL	50 mL	516372	12/20/24 10:40	JP8N	EET CAL 4
Total Recoverable	Analysis	6010B		1			517034	12/21/24 01:09	K1UV	EET CAL 4
	Instrument ID: ICP11									
Total/NA	Analysis	SM 2540C		1	100 mL	100 mL	517379	12/23/24 17:08	PK4M	EET CAL 4
	Instrument ID: BAL100									

Client Sample ID: MW-37
Lab Sample ID: 570-211802-5
Date Collected: 12/18/24 10:20
Matrix: Water
Date Received: 12/19/24 09:55

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	518251	12/27/24 22:50	KHF2	EET CAL 4
	Instrument ID: GCMSWW									
Total/NA	Prep	3510C			1010.3 mL	2 mL	516128	12/19/24 20:05	UD4J	EET CAL 4
Total/NA	Analysis	8270C SIM		1	1 mL	1 mL	518623	12/29/24 17:35	CG	EET CAL 4
	Instrument ID: GCMSMM									
Total/NA	Analysis	300.0		10	4 mL	4 mL	519797	01/03/25 23:57	YO8L	EET CAL 4
	Instrument ID: IC10									
Total/NA	Prep	245.1			25 mL	50 mL	516345	12/20/24 10:28	VCN7	EET CAL 4
Total/NA	Analysis	245.1		1			516529	12/20/24 14:20	BG9Y	EET CAL 4
	Instrument ID: HG7									
Total Recoverable	Prep	3005A			50 mL	50 mL	516372	12/20/24 10:40	JP8N	EET CAL 4
Total Recoverable	Analysis	6010B		1			517034	12/21/24 01:11	K1UV	EET CAL 4
	Instrument ID: ICP11									
Total/NA	Analysis	SM 2540C		1	100 mL	100 mL	517379	12/23/24 17:08	PK4M	EET CAL 4
	Instrument ID: BAL100									

Client Sample ID: MW-38
Lab Sample ID: 570-211802-6
Date Collected: 12/18/24 09:45
Matrix: Water
Date Received: 12/19/24 09:55

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	518251	12/27/24 23:16	KHF2	EET CAL 4
	Instrument ID: GCMSWW									

Lab Chronicle

Client: Stantec Consulting Services Inc
Job ID: 570-211802-1
Project/Site: ExxonMobil Gladiola Station / 238000257

Client Sample ID: MW-38
Lab Sample ID: 570-211802-6
Date Collected: 12/18/24 09:45
Matrix: Water
Date Received: 12/19/24 09:55

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3510C			1005.7 mL	2 mL	516128	12/19/24 20:05	UD4J	EET CAL 4
Total/NA	Analysis	8270C SIM		1	1 mL	1 mL	518623	12/29/24 17:57	CG	EET CAL 4
	Instrument ID: GCMSMM									
Total/NA	Analysis	300.0		10	4 mL	4 mL	519797	01/04/25 00:13	YO8L	EET CAL 4
	Instrument ID: IC10									
Total/NA	Prep	245.1			25 mL	50 mL	516345	12/20/24 10:28	VCN7	EET CAL 4
Total/NA	Analysis	245.1		1			516529	12/20/24 14:22	BG9Y	EET CAL 4
	Instrument ID: HG7									
Total Recoverable	Prep	3005A			50 mL	50 mL	516372	12/20/24 10:40	JP8N	EET CAL 4
Total Recoverable	Analysis	6010B		1			517034	12/21/24 01:13	K1UV	EET CAL 4
	Instrument ID: ICP11									
Total/NA	Analysis	SM 2540C		1	100 mL	100 mL	517379	12/23/24 17:08	PK4M	EET CAL 4
	Instrument ID: BAL100									

Client Sample ID: MW-39
Lab Sample ID: 570-211802-7
Date Collected: 12/18/24 11:30
Matrix: Water
Date Received: 12/19/24 09:55

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	518251	12/27/24 23:41	KHF2	EET CAL 4
	Instrument ID: GCMSWW									
Total/NA	Prep	3510C			972.4 mL	2 mL	516128	12/19/24 20:05	UD4J	EET CAL 4
Total/NA	Analysis	8270C SIM		1	1 mL	1 mL	518623	12/29/24 18:20	CG	EET CAL 4
	Instrument ID: GCMSMM									
Total/NA	Analysis	300.0		10	4 mL	4 mL	519797	01/04/25 00:30	YO8L	EET CAL 4
	Instrument ID: IC10									
Total/NA	Prep	245.1			25 mL	50 mL	518036	12/27/24 04:19	VCN7	EET CAL 4
Total/NA	Analysis	245.1		1			518320	12/27/24 10:52	Y2WS	EET CAL 4
	Instrument ID: HG7									
Total Recoverable	Prep	3005A			50 mL	50 mL	516372	12/20/24 10:40	JP8N	EET CAL 4
Total Recoverable	Analysis	6010B		1			517034	12/21/24 01:15	K1UV	EET CAL 4
	Instrument ID: ICP11									
Total/NA	Analysis	SM 2540C		1	100 mL	100 mL	517379	12/23/24 17:08	PK4M	EET CAL 4
	Instrument ID: BAL100									

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 Job ID: 570-211802-1
Project/Site: ExxonMobil Gladiola Station / 238000257

Laboratory: Eurofins Calscience

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

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

Method Summary

Client: Stantec Consulting Services Inc Job ID: 570-211802-1
Project/Site: ExxonMobil Gladiola Station / 238000257

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
300.0	Anions, Ion Chromatography	EPA	EET CAL 4
245.1	Mercury (CVAA)	EPA	EET CAL 4
6010B	Metals (ICP)	SW846	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

Loc: 570
211802

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2841 DAIN ST SUITE 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

ExxonMobil Engr: Chris Bear

CHAIN OF CUSTODY RECORD

DATE:

PAGE: 3 OF 4

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
☐ SAM ☐ 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

570-211802 Chain of Custody

LAB USE ONLY	SAMPLE ID	Field Point Name	SAMPLING DATE	SAMPLING TIME	MATRIX	NO. OF CONT.	EPA 8260B LL VOCs only	EPA 8270C SIM PAHs	EPA 6010B As, Ba, Cd, Cr, Pb, Se and Ag + EPA 245.1 Hg	SM 4500-Cl C Chloride	SM 2540C Total Dissolved Solids	CONTAINER TYPE	
1	MW-24	--			W	8	X	X	X	X	X	3 vials with HCL, 2-1L Amber Glass, 250mL Plastic with HNO3, 2-250mL Plastic	LNAPL
2	MW-25	--			W	8	X	X	X	X	X	3 vials with HCL, 2-1L Amber Glass, 250mL Plastic with HNO3, 2-250mL Plastic	LNAPL
3	MW-26	--			W	8	X	X	X	X	X	3 vials with HCL, 2-1L Amber Glass, 250mL Plastic with HNO3, 2-250mL Plastic	NAPL
4	MW-27	--			W	8	X	X	X	X	X	3 vials with HCL, 2-1L Amber Glass, 250mL Plastic with HNO3, 2-250mL Plastic	
5	MW-28	--			W	8	X	X	X	X	X	3 vials with HCL, 2-1L Amber Glass, 250mL Plastic with HNO3, 2-250mL Plastic	
1 6	MW-29	--	12-18-24	14:20	W	8	X	X	X	X	X	3 vials with HCL, 2-1L Amber Glass, 250mL Plastic with HNO3, 2-250mL Plastic	
7	MW-30	--			W	8	X	X	X	X	X	3 vials with HCL, 2-1L Amber Glass, 250mL Plastic with HNO3, 2-250mL Plastic	
8	MW-31	--			W	8	X	X	X	X	X	3 vials with HCL, 2-1L Amber Glass, 250mL Plastic with HNO3, 2-250mL Plastic	
9	MW-32	--			W	8	X	X	X	X	X	3 vials with HCL, 2-1L Amber Glass, 250mL Plastic with HNO3, 2-250mL Plastic	
10	MW-33	--			W	8	X	X	X	X	X	3 vials with HCL, 2-1L Amber Glass, 250mL Plastic with HNO3, 2-250mL Plastic	
11	MW-34	--			W	8	X	X	X	X	X	3 vials with HCL, 2-1L Amber Glass, 250mL Plastic with HNO3, 2-250mL Plastic	
2 12	Trip Blank		12-18-24	9:45	W	2	X						

Relinquished by: (Signature)	Received by: (Signature) Fedex	Date, & Time: 12-18-24 16:00
Relinquished by: (Signature)	Received by: (Signature)	Date, & Time:
Relinquished by: (Signature)	Received by: (Signature)	Date, & Time: 12.19.24 955

nnj9 1.0/2.0 SC14 1.3/2.3

eurofins | Calscience

2841 DOW AVE SUITE 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

ExxonMobil Engr: Chris Bear

CHAIN OF CUSTODY RECORD

DATE:

PAGE: 4 OF 4

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 ☐ 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

LAB USE ONLY	SAMPLE ID	Field Point Name	SAMPLING DATE	SAMPLING TIME	MATRIX	NO. OF CONT.	EPA 8260B LL VOCs only	EPA 8270C SIM PAHs	EPA 6010B As, Ba, Cd, Cr, Pb, Se and Ag + EPA 245.1 Hg	SM 4500-Cl C Chloride	SM 2540C Total Dissolved Solids	CONTAINER TYPE
1	MW-35	--	12-18-24	13:25	W	8	X	X	X	X	X	3 vials with HCL, 2-1L Amber Glass, 250mL Plastic with HNO3, 2-250mL Plastic
2	MW-36	--	〃	12:45	W	8	X	X	X	X	X	3 vials with HCL, 2-1L Amber Glass, 250mL Plastic with HNO3, 2-250mL Plastic
3	MW-37	--	12-18-24	10:20	W	8	X	X	X	X	X	3 vials with HCL, 2-1L Amber Glass, 250mL Plastic with HNO3, 2-250mL Plastic
4	MW-38	--	12-18-24	9:45	W	8	X	X	X	X	X	3 vials with HCL, 2-1L Amber Glass, 250mL Plastic with HNO3, 2-250mL Plastic
5	MW-39	--	12-18-24	11:30	W	8	X	X	X	X	X	3 vials with HCL, 2-1L Amber Glass, 250mL Plastic with HNO3, 2-250mL Plastic
6		--										
7		--										
8		--										
9		--										
10		--										
11		--										
12	Trip Blank	--	12-18-24	9:45	W	2	X					

3.
4
5
6
7

Relinquished by: (Signature) M Loch — Received by: (Signature) Fedex — Date & Time: 12-18-24 16:00

Relinquished by (Signature) — Received by: (Signature) — Date, & Time: 12.19.24 995

nnja

Login Sample Receipt Checklist

Client: Stantec Consulting Services Inc Job Number: 570-211802-1

Login Number: 211802 **List Source: Eurofins Calscience**
List Number: 1
Creator: Arellano, Cyndy

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?	False	Refer to Job Narrative for details.
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

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ANALYTICAL REPORT

PREPARED FOR

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

Generated 1/6/2025 2:29:05 PM

JOB DESCRIPTION

ExxonMobil Gladiola Station / 238000257

JOB NUMBER

570-211900-1

Eurofins Calscience
2841 Dow Avenue, Suite 100
Tustin CA 92780

See page two for job notes and contact information.

Released to Imaging: 9/11/2025 7:14:20 AM

my EOL

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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1/6/2025 2:29:05 PM

Authorized for release by
Xuan Dang, Project Manager I
Xuan.Dang@et.eurofinsus.com
(714)895-5494

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Sample Summary

Client: Stantec Consulting Services Inc
Job ID: 570-211900-1
Project/Site: ExxonMobil Gladiola Station / 238000257

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
570-211900-1	MW-3	Water	12/19/24 11:15	12/20/24 10:00
570-211900-2	MW-6	Water	12/19/24 11:45	12/20/24 10:00
570-211900-3	Trip Blank	Water	12/19/24 08:35	12/20/24 10:00
570-211900-4	MW-17	Water	12/19/24 10:20	12/20/24 10:00
570-211900-5	MW-27	Water	12/19/24 08:35	12/20/24 10:00
570-211900-6	MW-28	Water	12/19/24 09:10	12/20/24 10:00

Definitions/Glossary

Client: Stantec Consulting Services Inc Job ID: 570-211900-1
Project/Site: ExxonMobil Gladiola Station / 238000257

Qualifiers

GC/MS 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.

GC/MS Semi VOA

Qualifier	Qualifier Description
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.

Metals

Qualifier	Qualifier Description
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 Job ID: 570-211900-1
Project: ExxonMobil Gladiola Station / 238000257

Job ID: 570-211900-1 Eurofins Calscience

Job Narrative
570-211900-1

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 and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided 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 12/20/2024 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 1.2°C.

Receipt Exceptions
One or more containers for the following sample was received broken or leaking: Trip Blank (570-211900-3).

1 of 2 trip blank vials received broken.

The reference method requires samples to be preserved to a pH of <2. The following sample(s) was received with insufficient preservation at a pH of >2. The sample(s) was preserved to the appropriate pH in the laboratory.

GC/MS VOA
Method 8260B_LL: The result reported for Naphthalene for the following sample may be attributed to carryover from an earlier analysis: Trip Blank (570-211900-3). There was insufficient sample to perform a re-analysis; therefore, the data have been reported.

Method 8260B_LL: The RPD of the laboratory control sample duplicate (LCSD) for analytical batch 570-518667 recovered outside control limits for the following analytes: Bromomethane.

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 570-516627. The laboratory control sample (LCS) was performed in duplicate (LCSD) to provide precision data for this batch.
Method 8270 SIM PAH

Method 8270C_SIM_PAH: The method blank for preparation batch 570-516627 and analytical batch 570-517641 contained Acenaphthylene, Anthracene, Benzo[a]anthracene, Benzo[a]pyrene, Benzo[g,h,i]perylene, Chrysene, Fluorene, Phenanthrene and Pyrene 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.

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 570-518036 and analytical batch 570-518320 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 6010B - Total Recoverable: The reference method requires samples to be preserved to a pH of <2. The following

Case Narrative

Client: Stantec Consulting Services Inc Job ID: 570-211900-1
Project: ExxonMobil Gladiola Station / 238000257

Job ID: 570-211900-1 (Continued) Eurofins Calscience

sample(s) was received with insufficient preservation at a pH of >2. The sample(s) was preserved to the appropriate pH in the laboratory.

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.

Detection Summary

Client: Stantec Consulting Services Inc
Job ID: 570-211900-1
Project/Site: ExxonMobil Gladiola Station / 238000257

Client Sample ID: MW-3 — Lab Sample ID: 570-211900-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	350		5.0	1.4	ug/L	10		8260B	Total/NA
Ethylbenzene	300		5.0	1.6	ug/L	10		8260B	Total/NA
Isopropylbenzene	34		5.0	2.1	ug/L	10		8260B	Total/NA
Naphthalene	40		10	5.5	ug/L	10		8260B	Total/NA
n-Butylbenzene	3.0	J	5.0	2.4	ug/L	10		8260B	Total/NA
N-Propylbenzene	26		5.0	1.8	ug/L	10		8260B	Total/NA
sec-Butylbenzene	5.1		5.0	2.0	ug/L	10		8260B	Total/NA
Fluorene	0.80	B	0.20	0.074	ug/L	1		8270C SIM	Total/NA
1-Methylnaphthalene	21		0.20	0.072	ug/L	1		8270C SIM	Total/NA
2-Methylnaphthalene	26		0.20	0.076	ug/L	1		8270C SIM	Total/NA
Naphthalene	33		0.20	0.15	ug/L	1		8270C SIM	Total/NA
Phenanthrene	0.58	B	0.20	0.072	ug/L	1		8270C SIM	Total/NA
Chloride	19		10	3.6	mg/L	10		300.0	Total/NA
Arsenic	0.0220	J	0.100	0.0199	mg/L	1		6010B	Total Recoverable
Barium	8.63		0.0100	0.00111	mg/L	1		6010B	Total Recoverable
Chromium	0.00610	J	0.0500	0.00296	mg/L	1		6010B	Total Recoverable
Total Dissolved Solids	1480		10.0	8.35	mg/L	1		SM 2540C	Total/NA

Client Sample ID: MW-6 — Lab Sample ID: 570-211900-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Ethylbenzene	0.19	J	0.50	0.16	ug/L	1		8260B	Total/NA
1,2,3-Trichlorobenzene	0.98		0.50	0.26	ug/L	1		8260B	Total/NA
1,2,4-Trimethylbenzene	2.2		0.50	0.22	ug/L	1		8260B	Total/NA
1,2-Dibromo-3-Chloropropane	2.9		1.0	0.84	ug/L	1		8260B	Total/NA
Bromodichloromethane	0.30	J	0.50	0.15	ug/L	1		8260B	Total/NA
Naphthalene	1.1		1.0	0.55	ug/L	1		8260B	Total/NA
n-Butylbenzene	0.93		0.50	0.24	ug/L	1		8260B	Total/NA
p-Isopropyltoluene	1.8		0.50	0.20	ug/L	1		8260B	Total/NA
sec-Butylbenzene	2.1		0.50	0.20	ug/L	1		8260B	Total/NA
tert-Butylbenzene	0.53		0.50	0.21	ug/L	1		8260B	Total/NA
Fluorene	1.3	B	0.19	0.073	ug/L	1		8270C SIM	Total/NA
1-Methylnaphthalene	0.35		0.19	0.071	ug/L	1		8270C SIM	Total/NA
Phenanthrene	0.88	B	0.19	0.071	ug/L	1		8270C SIM	Total/NA
Chloride	2.3		1.0	0.36	mg/L	1		300.0	Total/NA
Mercury	0.000159	J	0.000200	0.000124	mg/L	1		245.1	Total/NA
Arsenic	0.0222	J	0.100	0.0199	mg/L	1		6010B	Total Recoverable
Barium	0.530		0.0100	0.00111	mg/L	1		6010B	Total Recoverable
Chromium	0.0205	J	0.0500	0.00296	mg/L	1		6010B	Total Recoverable
Lead	0.00840	J	0.0500	0.00527	mg/L	1		6010B	Total Recoverable
Total Dissolved Solids	561		10.0	8.35	mg/L	1		SM 2540C	Total/NA

Client Sample ID: Trip Blank — Lab Sample ID: 570-211900-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Naphthalene	0.80	J	1.0	0.55	ug/L	1		8260B	Total/NA

This Detection Summary does not include radiochemical test results.

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Detection Summary

Client: Stantec Consulting Services Inc Job ID: 570-211900-1
Project/Site: ExxonMobil Gladiola Station / 238000257

Client Sample ID: MW-17 Lab Sample ID: 570-211900-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	39		5.0	1.4	ug/L	10		8260B	Total/NA
Toluene	1.5	J	5.0	1.4	ug/L	10		8260B	Total/NA
Ethylbenzene	510		5.0	1.6	ug/L	10		8260B	Total/NA
m,p-Xylene	24		10	3.9	ug/L	10		8260B	Total/NA
Xylenes, Total	24		10	3.9	ug/L	10		8260B	Total/NA
1,2,4-Trimethylbenzene	10		5.0	2.2	ug/L	10		8260B	Total/NA
Isopropylbenzene	39		5.0	2.1	ug/L	10		8260B	Total/NA
Naphthalene	65		10	5.5	ug/L	10		8260B	Total/NA
n-Butylbenzene	6.2		5.0	2.4	ug/L	10		8260B	Total/NA
N-Propylbenzene	38		5.0	1.8	ug/L	10		8260B	Total/NA
sec-Butylbenzene	4.6	J	5.0	2.0	ug/L	10		8260B	Total/NA
Fluorene	0.80	B	0.20	0.075	ug/L	1		8270C SIM	Total/NA
1-Methylnaphthalene	16		0.20	0.074	ug/L	1		8270C SIM	Total/NA
2-Methylnaphthalene	18		0.20	0.078	ug/L	1		8270C SIM	Total/NA
Naphthalene	33		0.20	0.15	ug/L	1		8270C SIM	Total/NA
Phenanthrene	0.51	B	0.20	0.074	ug/L	1		8270C SIM	Total/NA
Chloride	6.6		1.0	0.36	mg/L	1		300.0	Total/NA
Barium	10.9		0.0100	0.00111	mg/L	1		6010B	Total Recoverable
Total Dissolved Solids	1060		10.0	8.35	mg/L	1		SM 2540C	Total/NA

Client Sample ID: MW-27 Lab Sample ID: 570-211900-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	290		10	3.6	mg/L	10		300.0	Total/NA
Barium	0.0474		0.0100	0.00111	mg/L	1		6010B	Total Recoverable
Lead	0.00600	J	0.0500	0.00527	mg/L	1		6010B	Total Recoverable
Total Dissolved Solids	1140		10.0	8.35	mg/L	1		SM 2540C	Total/NA

Client Sample ID: MW-28 Lab Sample ID: 570-211900-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	170		10	3.6	mg/L	10		300.0	Total/NA
Barium	0.0400		0.0100	0.00111	mg/L	1		6010B	Total Recoverable
Total Dissolved Solids	1150		10.0	8.35	mg/L	1		SM 2540C	Total/NA

This Detection Summary does not include radiochemical test results.

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Client Sample Results

Client: Stantec Consulting Services Inc Job ID: 570-211900-1
Project/Site: ExxonMobil Gladiola Station / 238000257

Client Sample ID: MW-3 **Lab Sample ID: 570-211900-1**
Date Collected: 12/19/24 11:15 **Matrix: Water**
Date Received: 12/20/24 10:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	**350**		5.0	1.4	ug/L			12/28/24 14:46	10
Toluene	ND		5.0	1.4	ug/L			12/28/24 14:46	10
Ethylbenzene	**300**		5.0	1.6	ug/L			12/28/24 14:46	10
o-Xylene	ND		5.0	1.8	ug/L			12/28/24 14:46	10
m,p-Xylene	ND		10	3.9	ug/L			12/28/24 14:46	10
Xylenes, Total	ND		10	3.9	ug/L			12/28/24 14:46	10
Methyl-t-Butyl Ether (MTBE)	ND		5.0	1.4	ug/L			12/28/24 14:46	10
1,1,1,2-Tetrachloroethane	ND		5.0	2.0	ug/L			12/28/24 14:46	10
1,1,1-Trichloroethane	ND		5.0	2.0	ug/L			12/28/24 14:46	10
1,1,2,2-Tetrachloroethane	ND		5.0	1.4	ug/L			12/28/24 14:46	10
1,1,2-Trichloroethane	ND		5.0	1.8	ug/L			12/28/24 14:46	10
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.0	2.5	ug/L			12/28/24 14:46	10
1,1-Dichloroethane	ND		5.0	2.1	ug/L			12/28/24 14:46	10
1,1-Dichloroethene	ND		5.0	2.1	ug/L			12/28/24 14:46	10
1,1-Dichloropropene	ND		5.0	1.6	ug/L			12/28/24 14:46	10
1,2,3-Trichlorobenzene	ND		5.0	2.6	ug/L			12/28/24 14:46	10
1,2,3-Trichloropropane	ND		5.0	3.1	ug/L			12/28/24 14:46	10
1,2,4-Trichlorobenzene	ND		5.0	2.6	ug/L			12/28/24 14:46	10
1,2,4-Trimethylbenzene	ND		5.0	2.2	ug/L			12/28/24 14:46	10
1,3,5-Trimethylbenzene	ND		5.0	1.9	ug/L			12/28/24 14:46	10
c-1,2-Dichloroethene	ND		5.0	1.6	ug/L			12/28/24 14:46	10
1,2-Dibromo-3-Chloropropane	ND		10	8.4	ug/L			12/28/24 14:46	10
1,2-Dichlorobenzene	ND		5.0	1.4	ug/L			12/28/24 14:46	10
1,2-Dichloroethane	ND		5.0	1.4	ug/L			12/28/24 14:46	10
1,2-Dichloropropane	ND		5.0	1.4	ug/L			12/28/24 14:46	10
t-1,2-Dichloroethene	ND		5.0	2.2	ug/L			12/28/24 14:46	10
c-1,3-Dichloropropene	ND		5.0	1.5	ug/L			12/28/24 14:46	10
1,3-Dichlorobenzene	ND		5.0	1.6	ug/L			12/28/24 14:46	10
1,3-Dichloropropane	ND		5.0	1.9	ug/L			12/28/24 14:46	10
t-1,3-Dichloropropene	ND		5.0	2.1	ug/L			12/28/24 14:46	10
1,4-Dichlorobenzene	ND		5.0	1.1	ug/L			12/28/24 14:46	10
2,2-Dichloropropane	ND		5.0	2.6	ug/L			12/28/24 14:46	10
2-Chlorotoluene	ND		5.0	2.3	ug/L			12/28/24 14:46	10
4-Chlorotoluene	ND		5.0	2.4	ug/L			12/28/24 14:46	10
4-Methyl-2-pentanone	ND		50	16	ug/L			12/28/24 14:46	10
Acetone	ND		80	36	ug/L			12/28/24 14:46	10
Bromobenzene	ND		5.0	1.4	ug/L			12/28/24 14:46	10
Bromochloromethane	ND		10	2.7	ug/L			12/28/24 14:46	10
Bromoform	ND		5.0	2.8	ug/L			12/28/24 14:46	10
Bromomethane	ND		20	19	ug/L			12/28/24 14:46	10
Carbon disulfide	ND		10	3.2	ug/L			12/28/24 14:46	10
Carbon tetrachloride	ND		5.0	2.7	ug/L			12/28/24 14:46	10
Chlorobenzene	ND		5.0	1.2	ug/L			12/28/24 14:46	10
Dibromochloromethane	ND		5.0	2.1	ug/L			12/28/24 14:46	10
Chloroethane	ND		5.0	3.8	ug/L			12/28/24 14:46	10
Chloroform	ND		5.0	2.5	ug/L			12/28/24 14:46	10
Chloromethane	ND		10	6.5	ug/L			12/28/24 14:46	10
Dibromomethane	ND		5.0	1.6	ug/L			12/28/24 14:46	10
Bromodichloromethane	ND		5.0	1.5	ug/L			12/28/24 14:46	10

Client Sample Results

Client: Stantec Consulting Services Inc Job ID: 570-211900-1
Project/Site: ExxonMobil Gladiola Station / 238000257

Client Sample ID: MW-3 **Lab Sample ID: 570-211900-1**
Date Collected: 12/19/24 11:15 **Matrix: Water**
Date Received: 12/20/24 10:00

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			12/28/24 14:46	10
1,2-Dibromoethane	ND		5.0	2.7	ug/L			12/28/24 14:46	10
Hexachloro-1,3-butadiene	ND		10	2.6	ug/L			12/28/24 14:46	10
Isopropylbenzene	**34**		5.0	2.1	ug/L			12/28/24 14:46	10
2-Butanone	ND		50	29	ug/L			12/28/24 14:46	10
Methylene Chloride	ND		10	4.0	ug/L			12/28/24 14:46	10
2-Hexanone	ND		60	20	ug/L			12/28/24 14:46	10
Naphthalene	**40**		10	5.5	ug/L			12/28/24 14:46	10
n-Butylbenzene	**3.0**	**J**	5.0	2.4	ug/L			12/28/24 14:46	10
N-Propylbenzene	**26**		5.0	1.8	ug/L			12/28/24 14:46	10
p-Isopropyltoluene	ND		5.0	2.0	ug/L			12/28/24 14:46	10
sec-Butylbenzene	**5.1**		5.0	2.0	ug/L			12/28/24 14:46	10
Styrene	ND		5.0	2.7	ug/L			12/28/24 14:46	10
tert-Butylbenzene	ND		5.0	2.1	ug/L			12/28/24 14:46	10
Tetrachloroethene	ND		5.0	1.6	ug/L			12/28/24 14:46	10
Trichloroethene	ND		5.0	1.5	ug/L			12/28/24 14:46	10
Trichlorofluoromethane	ND		5.0	2.6	ug/L			12/28/24 14:46	10
Vinyl chloride	ND		5.0	2.3	ug/L			12/28/24 14:46	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*89*		*64 - 132*		*12/28/24 14:46*	*10*
4-Bromofluorobenzene (Surr)	*92*		*76 - 120*		*12/28/24 14:46*	*10*
Dibromofluoromethane (Surr)	*97*		*80 - 120*		*12/28/24 14:46*	*10*
Toluene-d8 (Surr)	*103*		*80 - 120*		*12/28/24 14:46*	*10*

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		12/20/24 19:26	12/29/24 07:49	1
Acenaphthylene	ND		0.20	0.068	ug/L		12/20/24 19:26	12/29/24 07:49	1
Anthracene	ND		0.20	0.059	ug/L		12/20/24 19:26	12/29/24 07:49	1
Benzo[a]anthracene	ND		0.20	0.085	ug/L		12/20/24 19:26	12/29/24 07:49	1
Benzo[a]pyrene	ND		0.20	0.062	ug/L		12/20/24 19:26	12/29/24 07:49	1
Benzo[b]fluoranthene	ND		0.20	0.17	ug/L		12/20/24 19:26	12/29/24 07:49	1
Benzo[g,h,i]perylene	ND		0.20	0.10	ug/L		12/20/24 19:26	12/29/24 07:49	1
Benzo[k]fluoranthene	ND		0.20	0.15	ug/L		12/20/24 19:26	12/29/24 07:49	1
Chrysene	ND		0.20	0.059	ug/L		12/20/24 19:26	12/29/24 07:49	1
Dibenz(a,h)anthracene	ND		0.20	0.11	ug/L		12/20/24 19:26	12/29/24 07:49	1
Fluoranthene	ND		0.20	0.14	ug/L		12/20/24 19:26	12/29/24 07:49	1
Fluorene	**0.80**	**B**	0.20	0.074	ug/L		12/20/24 19:26	12/29/24 07:49	1
Indeno[1,2,3-cd]pyrene	ND		0.20	0.11	ug/L		12/20/24 19:26	12/29/24 07:49	1
1-Methylnaphthalene	**21**		0.20	0.072	ug/L		12/20/24 19:26	12/29/24 07:49	1
2-Methylnaphthalene	**26**		0.20	0.076	ug/L		12/20/24 19:26	12/29/24 07:49	1
Naphthalene	**33**		0.20	0.15	ug/L		12/20/24 19:26	12/29/24 07:49	1
Phenanthrene	**0.58**	**B**	0.20	0.072	ug/L		12/20/24 19:26	12/29/24 07:49	1
Pyrene	ND		0.20	0.066	ug/L		12/20/24 19:26	12/29/24 07:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*81*		*33 - 144*	*12/20/24 19:26*	*12/29/24 07:49*	*1*
Nitrobenzene-d5 (Surr)	*73*		*28 - 139*	*12/20/24 19:26*	*12/29/24 07:49*	*1*
p-Terphenyl-d14 (Surr)	*73*		*23 - 160*	*12/20/24 19:26*	*12/29/24 07:49*	*1*

Client Sample Results

Client: Stantec Consulting Services Inc Job ID: 570-211900-1
Project/Site: ExxonMobil Gladiola Station / 238000257

Client Sample ID: MW-3
Lab Sample ID: 570-211900-1
Date Collected: 12/19/24 11:15
Matrix: Water
Date Received: 12/20/24 10:00

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**19**		10	3.6	mg/L			01/04/25 07:53	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		12/27/24 02:17	12/27/24 10:33	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**0.0220**	**J**	0.100	0.0199	mg/L		12/23/24 07:27	12/23/24 23:44	1
Barium	**8.63**		0.0100	0.00111	mg/L		12/23/24 07:27	12/23/24 23:44	1
Cadmium	ND		0.0100	0.000620	mg/L		12/23/24 07:27	12/23/24 23:44	1
Chromium	**0.00610**	**J**	0.0500	0.00296	mg/L		12/23/24 07:27	12/23/24 23:44	1
Lead	ND		0.0500	0.00527	mg/L		12/23/24 07:27	12/23/24 23:44	1
Selenium	ND		0.0500	0.0162	mg/L		12/23/24 07:27	12/23/24 23:44	1
Silver	ND		0.0100	0.00259	mg/L		12/23/24 07:27	12/23/24 23:44	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	**1480**		10.0	8.35	mg/L			12/26/24 15:26	1

Client Sample ID: MW-6
Lab Sample ID: 570-211900-2
Date Collected: 12/19/24 11:45
Matrix: Water
Date Received: 12/20/24 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			12/28/24 15:10	1
Toluene	ND		0.50	0.14	ug/L			12/28/24 15:10	1
Ethylbenzene	**0.19**	**J**	0.50	0.16	ug/L			12/28/24 15:10	1
o-Xylene	ND		0.50	0.18	ug/L			12/28/24 15:10	1
m,p-Xylene	ND		1.0	0.39	ug/L			12/28/24 15:10	1
Xylenes, Total	ND		1.0	0.39	ug/L			12/28/24 15:10	1
Methyl-t-Butyl Ether (MTBE)	ND		0.50	0.14	ug/L			12/28/24 15:10	1
1,1,1,2-Tetrachloroethane	ND		0.50	0.20	ug/L			12/28/24 15:10	1
1,1,1-Trichloroethane	ND		0.50	0.20	ug/L			12/28/24 15:10	1
1,1,2,2-Tetrachloroethane	ND		0.50	0.14	ug/L			12/28/24 15:10	1
1,1,2-Trichloroethane	ND		0.50	0.18	ug/L			12/28/24 15:10	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50	0.25	ug/L			12/28/24 15:10	1
1,1-Dichloroethane	ND		0.50	0.21	ug/L			12/28/24 15:10	1
1,1-Dichloroethene	ND		0.50	0.21	ug/L			12/28/24 15:10	1
1,1-Dichloropropene	ND		0.50	0.16	ug/L			12/28/24 15:10	1
1,2,3-Trichlorobenzene	**0.98**		0.50	0.26	ug/L			12/28/24 15:10	1
1,2,3-Trichloropropane	ND		0.50	0.31	ug/L			12/28/24 15:10	1
1,2,4-Trichlorobenzene	ND		0.50	0.26	ug/L			12/28/24 15:10	1
1,2,4-Trimethylbenzene	**2.2**		0.50	0.22	ug/L			12/28/24 15:10	1
1,3,5-Trimethylbenzene	ND		0.50	0.19	ug/L			12/28/24 15:10	1
c-1,2-Dichloroethene	ND		0.50	0.16	ug/L			12/28/24 15:10	1
1,2-Dibromo-3-Chloropropane	**2.9**		1.0	0.84	ug/L			12/28/24 15:10	1
1,2-Dichlorobenzene	ND		0.50	0.14	ug/L			12/28/24 15:10	1
1,2-Dichloroethane	ND		0.50	0.14	ug/L			12/28/24 15:10	1
1,2-Dichloropropane	ND		0.50	0.14	ug/L			12/28/24 15:10	1

Client Sample Results

Client: Stantec Consulting Services Inc
Job ID: 570-211900-1
Project/Site: ExxonMobil Gladiola Station / 238000257

Client Sample ID: MW-6
Lab Sample ID: 570-211900-2
Date Collected: 12/19/24 11:45
Matrix: Water
Date Received: 12/20/24 10:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
t-1,2-Dichloroethene	ND		0.50	0.22	ug/L			12/28/24 15:10	1
c-1,3-Dichloropropene	ND		0.50	0.15	ug/L			12/28/24 15:10	1
1,3-Dichlorobenzene	ND		0.50	0.16	ug/L			12/28/24 15:10	1
1,3-Dichloropropane	ND		0.50	0.19	ug/L			12/28/24 15:10	1
t-1,3-Dichloropropene	ND		0.50	0.21	ug/L			12/28/24 15:10	1
1,4-Dichlorobenzene	ND		0.50	0.11	ug/L			12/28/24 15:10	1
2,2-Dichloropropane	ND		0.50	0.26	ug/L			12/28/24 15:10	1
2-Chlorotoluene	ND		0.50	0.23	ug/L			12/28/24 15:10	1
4-Chlorotoluene	ND		0.50	0.24	ug/L			12/28/24 15:10	1
4-Methyl-2-pentanone	ND		5.0	1.6	ug/L			12/28/24 15:10	1
Acetone	ND		8.0	3.6	ug/L			12/28/24 15:10	1
Bromobenzene	ND		0.50	0.14	ug/L			12/28/24 15:10	1
Bromochloromethane	ND		1.0	0.27	ug/L			12/28/24 15:10	1
Bromoform	ND		0.50	0.28	ug/L			12/28/24 15:10	1
Bromomethane	ND		2.0	1.9	ug/L			12/28/24 15:10	1
Carbon disulfide	ND		1.0	0.32	ug/L			12/28/24 15:10	1
Carbon tetrachloride	ND		0.50	0.27	ug/L			12/28/24 15:10	1
Chlorobenzene	ND		0.50	0.12	ug/L			12/28/24 15:10	1
Dibromochloromethane	ND		0.50	0.21	ug/L			12/28/24 15:10	1
Chloroethane	ND		0.50	0.38	ug/L			12/28/24 15:10	1
Chloroform	ND		0.50	0.25	ug/L			12/28/24 15:10	1
Chloromethane	ND		1.0	0.65	ug/L			12/28/24 15:10	1
Dibromomethane	ND		0.50	0.16	ug/L			12/28/24 15:10	1
Bromodichloromethane	**0.30**	**J**	0.50	0.15	ug/L			12/28/24 15:10	1
Dichlorodifluoromethane	ND		1.0	0.51	ug/L			12/28/24 15:10	1
1,2-Dibromoethane	ND		0.50	0.27	ug/L			12/28/24 15:10	1
Hexachloro-1,3-butadiene	ND		1.0	0.26	ug/L			12/28/24 15:10	1
Isopropylbenzene	ND		0.50	0.21	ug/L			12/28/24 15:10	1
2-Butanone	ND		5.0	2.9	ug/L			12/28/24 15:10	1
Methylene Chloride	ND		1.0	0.40	ug/L			12/28/24 15:10	1
2-Hexanone	ND		6.0	2.0	ug/L			12/28/24 15:10	1
Naphthalene	**1.1**		1.0	0.55	ug/L			12/28/24 15:10	1
n-Butylbenzene	**0.93**		0.50	0.24	ug/L			12/28/24 15:10	1
N-Propylbenzene	ND		0.50	0.18	ug/L			12/28/24 15:10	1
p-Isopropyltoluene	**1.8**		0.50	0.20	ug/L			12/28/24 15:10	1
sec-Butylbenzene	**2.1**		0.50	0.20	ug/L			12/28/24 15:10	1
Styrene	ND		0.50	0.27	ug/L			12/28/24 15:10	1
tert-Butylbenzene	**0.53**		0.50	0.21	ug/L			12/28/24 15:10	1
Tetrachloroethene	ND		0.50	0.16	ug/L			12/28/24 15:10	1
Trichloroethene	ND		0.50	0.15	ug/L			12/28/24 15:10	1
Trichlorofluoromethane	ND		0.50	0.26	ug/L			12/28/24 15:10	1
Vinyl chloride	ND		0.50	0.23	ug/L			12/28/24 15:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*91*		*64 - 132*		*12/28/24 15:10*	*1*
4-Bromofluorobenzene (Surr)	*105*		*76 - 120*		*12/28/24 15:10*	*1*
Dibromofluoromethane (Surr)	*97*		*80 - 120*		*12/28/24 15:10*	*1*
Toluene-d8 (Surr)	*108*		*80 - 120*		*12/28/24 15:10*	*1*

Client Sample Results

Client: Stantec Consulting Services Inc
Job ID: 570-211900-1
Project/Site: ExxonMobil Gladiola Station / 238000257

Client Sample ID: MW-6
Lab Sample ID: 570-211900-2
Date Collected: 12/19/24 11:45
Matrix: Water
Date Received: 12/20/24 10:00

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		12/20/24 19:26	12/29/24 08:12	1
Acenaphthylene	ND		0.19	0.067	ug/L		12/20/24 19:26	12/29/24 08:12	1
Anthracene	ND		0.19	0.058	ug/L		12/20/24 19:26	12/29/24 08:12	1
Benzo[a]anthracene	ND		0.19	0.083	ug/L		12/20/24 19:26	12/29/24 08:12	1
Benzo[a]pyrene	ND		0.19	0.061	ug/L		12/20/24 19:26	12/29/24 08:12	1
Benzo[b]fluoranthene	ND		0.19	0.17	ug/L		12/20/24 19:26	12/29/24 08:12	1
Benzo[g,h,i]perylene	ND		0.19	0.098	ug/L		12/20/24 19:26	12/29/24 08:12	1
Benzo[k]fluoranthene	ND		0.19	0.15	ug/L		12/20/24 19:26	12/29/24 08:12	1
Chrysene	ND		0.19	0.058	ug/L		12/20/24 19:26	12/29/24 08:12	1
Dibenz(a,h)anthracene	ND		0.19	0.11	ug/L		12/20/24 19:26	12/29/24 08:12	1
Fluoranthene	ND		0.19	0.14	ug/L		12/20/24 19:26	12/29/24 08:12	1
Fluorene	**1.3**	**B**	0.19	0.073	ug/L		12/20/24 19:26	12/29/24 08:12	1
Indeno[1,2,3-cd]pyrene	ND		0.19	0.10	ug/L		12/20/24 19:26	12/29/24 08:12	1
1-Methylnaphthalene	**0.35**		0.19	0.071	ug/L		12/20/24 19:26	12/29/24 08:12	1
2-Methylnaphthalene	ND		0.19	0.075	ug/L		12/20/24 19:26	12/29/24 08:12	1
Naphthalene	ND		0.19	0.14	ug/L		12/20/24 19:26	12/29/24 08:12	1
Phenanthrene	**0.88**	**B**	0.19	0.071	ug/L		12/20/24 19:26	12/29/24 08:12	1
Pyrene	ND		0.19	0.064	ug/L		12/20/24 19:26	12/29/24 08:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*76*		*33 - 144*	*12/20/24 19:26*	*12/29/24 08:12*	*1*
Nitrobenzene-d5 (Surr)	*53*		*28 - 139*	*12/20/24 19:26*	*12/29/24 08:12*	*1*
p-Terphenyl-d14 (Surr)	*82*		*23 - 160*	*12/20/24 19:26*	*12/29/24 08:12*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**2.3**		1.0	0.36	mg/L			01/04/25 09:17	1

Method: EPA 245.1 - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.000159**	**J**	0.000200	0.000124	mg/L		12/27/24 02:17	12/27/24 10:37	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**0.0222**	**J**	0.100	0.0199	mg/L		12/21/24 09:51	12/24/24 04:35	1
Barium	**0.530**		0.0100	0.00111	mg/L		12/21/24 09:51	12/24/24 04:35	1
Cadmium	ND		0.0100	0.000620	mg/L		12/21/24 09:51	12/24/24 04:35	1
Chromium	**0.0205**	**J**	0.0500	0.00296	mg/L		12/21/24 09:51	12/24/24 04:35	1
Lead	**0.00840**	**J**	0.0500	0.00527	mg/L		12/21/24 09:51	12/24/24 04:35	1
Selenium	ND		0.0500	0.0162	mg/L		12/21/24 09:51	12/24/24 04:35	1
Silver	ND		0.0100	0.00259	mg/L		12/21/24 09:51	12/24/24 04:35	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	**561**		10.0	8.35	mg/L			12/26/24 15:26	1

Client Sample Results

Client: Stantec Consulting Services Inc
Job ID: 570-211900-1
Project/Site: ExxonMobil Gladiola Station / 238000257

Client Sample ID: Trip Blank
Lab Sample ID: 570-211900-3
Date Collected: 12/19/24 08:35
Matrix: Water
Date Received: 12/20/24 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			12/28/24 14:22	1
Toluene	ND		0.50	0.14	ug/L			12/28/24 14:22	1
Ethylbenzene	ND		0.50	0.16	ug/L			12/28/24 14:22	1
o-Xylene	ND		0.50	0.18	ug/L			12/28/24 14:22	1
m,p-Xylene	ND		1.0	0.39	ug/L			12/28/24 14:22	1
Xylenes, Total	ND		1.0	0.39	ug/L			12/28/24 14:22	1
Methyl-t-Butyl Ether (MTBE)	ND		0.50	0.14	ug/L			12/28/24 14:22	1
1,1,1,2-Tetrachloroethane	ND		0.50	0.20	ug/L			12/28/24 14:22	1
1,1,1-Trichloroethane	ND		0.50	0.20	ug/L			12/28/24 14:22	1
1,1,2,2-Tetrachloroethane	ND		0.50	0.14	ug/L			12/28/24 14:22	1
1,1,2-Trichloroethane	ND		0.50	0.18	ug/L			12/28/24 14:22	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50	0.25	ug/L			12/28/24 14:22	1
1,1-Dichloroethane	ND		0.50	0.21	ug/L			12/28/24 14:22	1
1,1-Dichloroethene	ND		0.50	0.21	ug/L			12/28/24 14:22	1
1,1-Dichloropropene	ND		0.50	0.16	ug/L			12/28/24 14:22	1
1,2,3-Trichlorobenzene	ND		0.50	0.26	ug/L			12/28/24 14:22	1
1,2,3-Trichloropropane	ND		0.50	0.31	ug/L			12/28/24 14:22	1
1,2,4-Trichlorobenzene	ND		0.50	0.26	ug/L			12/28/24 14:22	1
1,2,4-Trimethylbenzene	ND		0.50	0.22	ug/L			12/28/24 14:22	1
1,3,5-Trimethylbenzene	ND		0.50	0.19	ug/L			12/28/24 14:22	1
c-1,2-Dichloroethene	ND		0.50	0.16	ug/L			12/28/24 14:22	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.84	ug/L			12/28/24 14:22	1
1,2-Dichlorobenzene	ND		0.50	0.14	ug/L			12/28/24 14:22	1
1,2-Dichloroethane	ND		0.50	0.14	ug/L			12/28/24 14:22	1
1,2-Dichloropropane	ND		0.50	0.14	ug/L			12/28/24 14:22	1
t-1,2-Dichloroethene	ND		0.50	0.22	ug/L			12/28/24 14:22	1
c-1,3-Dichloropropene	ND		0.50	0.15	ug/L			12/28/24 14:22	1
1,3-Dichlorobenzene	ND		0.50	0.16	ug/L			12/28/24 14:22	1
1,3-Dichloropropane	ND		0.50	0.19	ug/L			12/28/24 14:22	1
t-1,3-Dichloropropene	ND		0.50	0.21	ug/L			12/28/24 14:22	1
1,4-Dichlorobenzene	ND		0.50	0.11	ug/L			12/28/24 14:22	1
2,2-Dichloropropane	ND		0.50	0.26	ug/L			12/28/24 14:22	1
2-Chlorotoluene	ND		0.50	0.23	ug/L			12/28/24 14:22	1
4-Chlorotoluene	ND		0.50	0.24	ug/L			12/28/24 14:22	1
4-Methyl-2-pentanone	ND		5.0	1.6	ug/L			12/28/24 14:22	1
Acetone	ND		8.0	3.6	ug/L			12/28/24 14:22	1
Bromobenzene	ND		0.50	0.14	ug/L			12/28/24 14:22	1
Bromochloromethane	ND		1.0	0.27	ug/L			12/28/24 14:22	1
Bromoform	ND		0.50	0.28	ug/L			12/28/24 14:22	1
Bromomethane	ND		2.0	1.9	ug/L			12/28/24 14:22	1
Carbon disulfide	ND		1.0	0.32	ug/L			12/28/24 14:22	1
Carbon tetrachloride	ND		0.50	0.27	ug/L			12/28/24 14:22	1
Chlorobenzene	ND		0.50	0.12	ug/L			12/28/24 14:22	1
Dibromochloromethane	ND		0.50	0.21	ug/L			12/28/24 14:22	1
Chloroethane	ND		0.50	0.38	ug/L			12/28/24 14:22	1
Chloroform	ND		0.50	0.25	ug/L			12/28/24 14:22	1
Chloromethane	ND		1.0	0.65	ug/L			12/28/24 14:22	1
Dibromomethane	ND		0.50	0.16	ug/L			12/28/24 14:22	1
Bromodichloromethane	ND		0.50	0.15	ug/L			12/28/24 14:22	1

Client Sample Results

Client: Stantec Consulting Services Inc Job ID: 570-211900-1
Project/Site: ExxonMobil Gladiola Station / 238000257

Client Sample ID: Trip Blank
Lab Sample ID: 570-211900-3
Date Collected: 12/19/24 08:35 **Matrix: Water**
Date Received: 12/20/24 10:00

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			12/28/24 14:22	1
1,2-Dibromoethane	ND		0.50	0.27	ug/L			12/28/24 14:22	1
Hexachloro-1,3-butadiene	ND		1.0	0.26	ug/L			12/28/24 14:22	1
Isopropylbenzene	ND		0.50	0.21	ug/L			12/28/24 14:22	1
2-Butanone	ND		5.0	2.9	ug/L			12/28/24 14:22	1
Methylene Chloride	ND		1.0	0.40	ug/L			12/28/24 14:22	1
2-Hexanone	ND		6.0	2.0	ug/L			12/28/24 14:22	1
Naphthalene	**0.80**	**J**	1.0	0.55	ug/L			12/28/24 14:22	1
n-Butylbenzene	ND		0.50	0.24	ug/L			12/28/24 14:22	1
N-Propylbenzene	ND		0.50	0.18	ug/L			12/28/24 14:22	1
p-Isopropyltoluene	ND		0.50	0.20	ug/L			12/28/24 14:22	1
sec-Butylbenzene	ND		0.50	0.20	ug/L			12/28/24 14:22	1
Styrene	ND		0.50	0.27	ug/L			12/28/24 14:22	1
tert-Butylbenzene	ND		0.50	0.21	ug/L			12/28/24 14:22	1
Tetrachloroethene	ND		0.50	0.16	ug/L			12/28/24 14:22	1
Trichloroethene	ND		0.50	0.15	ug/L			12/28/24 14:22	1
Trichlorofluoromethane	ND		0.50	0.26	ug/L			12/28/24 14:22	1
Vinyl chloride	ND		0.50	0.23	ug/L			12/28/24 14:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*85*		*64 - 132*		*12/28/24 14:22*	*1*
4-Bromofluorobenzene (Surr)	*89*		*76 - 120*		*12/28/24 14:22*	*1*
Dibromofluoromethane (Surr)	*96*		*80 - 120*		*12/28/24 14:22*	*1*
Toluene-d8 (Surr)	*100*		*80 - 120*		*12/28/24 14:22*	*1*

Client Sample ID: MW-17
Lab Sample ID: 570-211900-4
Date Collected: 12/19/24 10:20 **Matrix: Water**
Date Received: 12/20/24 10:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	**39**		5.0	1.4	ug/L			12/28/24 15:35	10
Toluene	**1.5**	**J**	5.0	1.4	ug/L			12/28/24 15:35	10
Ethylbenzene	**510**		5.0	1.6	ug/L			12/28/24 15:35	10
o-Xylene	ND		5.0	1.8	ug/L			12/28/24 15:35	10
m,p-Xylene	**24**		10	3.9	ug/L			12/28/24 15:35	10
Xylenes, Total	**24**		10	3.9	ug/L			12/28/24 15:35	10
Methyl-t-Butyl Ether (MTBE)	ND		5.0	1.4	ug/L			12/28/24 15:35	10
1,1,1,2-Tetrachloroethane	ND		5.0	2.0	ug/L			12/28/24 15:35	10
1,1,1-Trichloroethane	ND		5.0	2.0	ug/L			12/28/24 15:35	10
1,1,2,2-Tetrachloroethane	ND		5.0	1.4	ug/L			12/28/24 15:35	10
1,1,2-Trichloroethane	ND		5.0	1.8	ug/L			12/28/24 15:35	10
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.0	2.5	ug/L			12/28/24 15:35	10
1,1-Dichloroethane	ND		5.0	2.1	ug/L			12/28/24 15:35	10
1,1-Dichloroethene	ND		5.0	2.1	ug/L			12/28/24 15:35	10
1,1-Dichloropropene	ND		5.0	1.6	ug/L			12/28/24 15:35	10
1,2,3-Trichlorobenzene	ND		5.0	2.6	ug/L			12/28/24 15:35	10
1,2,3-Trichloropropane	ND		5.0	3.1	ug/L			12/28/24 15:35	10
1,2,4-Trichlorobenzene	ND		5.0	2.6	ug/L			12/28/24 15:35	10
1,2,4-Trimethylbenzene	**10**		5.0	2.2	ug/L			12/28/24 15:35	10

Client Sample Results

Client: Stantec Consulting Services Inc Job ID: 570-211900-1
Project/Site: ExxonMobil Gladiola Station / 238000257

Client Sample ID: MW-17 **Lab Sample ID: 570-211900-4**
Date Collected: 12/19/24 10:20 **Matrix: Water**
Date Received: 12/20/24 10:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3,5-Trimethylbenzene	ND		5.0	1.9	ug/L			12/28/24 15:35	10
c-1,2-Dichloroethene	ND		5.0	1.6	ug/L			12/28/24 15:35	10
1,2-Dibromo-3-Chloropropane	ND		10	8.4	ug/L			12/28/24 15:35	10
1,2-Dichlorobenzene	ND		5.0	1.4	ug/L			12/28/24 15:35	10
1,2-Dichloroethane	ND		5.0	1.4	ug/L			12/28/24 15:35	10
1,2-Dichloropropane	ND		5.0	1.4	ug/L			12/28/24 15:35	10
t-1,2-Dichloroethene	ND		5.0	2.2	ug/L			12/28/24 15:35	10
c-1,3-Dichloropropene	ND		5.0	1.5	ug/L			12/28/24 15:35	10
1,3-Dichlorobenzene	ND		5.0	1.6	ug/L			12/28/24 15:35	10
1,3-Dichloropropane	ND		5.0	1.9	ug/L			12/28/24 15:35	10
t-1,3-Dichloropropene	ND		5.0	2.1	ug/L			12/28/24 15:35	10
1,4-Dichlorobenzene	ND		5.0	1.1	ug/L			12/28/24 15:35	10
2,2-Dichloropropane	ND		5.0	2.6	ug/L			12/28/24 15:35	10
2-Chlorotoluene	ND		5.0	2.3	ug/L			12/28/24 15:35	10
4-Chlorotoluene	ND		5.0	2.4	ug/L			12/28/24 15:35	10
4-Methyl-2-pentanone	ND		50	16	ug/L			12/28/24 15:35	10
Acetone	ND		80	36	ug/L			12/28/24 15:35	10
Bromobenzene	ND		5.0	1.4	ug/L			12/28/24 15:35	10
Bromochloromethane	ND		10	2.7	ug/L			12/28/24 15:35	10
Bromoform	ND		5.0	2.8	ug/L			12/28/24 15:35	10
Bromomethane	ND		20	19	ug/L			12/28/24 15:35	10
Carbon disulfide	ND		10	3.2	ug/L			12/28/24 15:35	10
Carbon tetrachloride	ND		5.0	2.7	ug/L			12/28/24 15:35	10
Chlorobenzene	ND		5.0	1.2	ug/L			12/28/24 15:35	10
Dibromochloromethane	ND		5.0	2.1	ug/L			12/28/24 15:35	10
Chloroethane	ND		5.0	3.8	ug/L			12/28/24 15:35	10
Chloroform	ND		5.0	2.5	ug/L			12/28/24 15:35	10
Chloromethane	ND		10	6.5	ug/L			12/28/24 15:35	10
Dibromomethane	ND		5.0	1.6	ug/L			12/28/24 15:35	10
Bromodichloromethane	ND		5.0	1.5	ug/L			12/28/24 15:35	10
Dichlorodifluoromethane	ND		10	5.1	ug/L			12/28/24 15:35	10
1,2-Dibromoethane	ND		5.0	2.7	ug/L			12/28/24 15:35	10
Hexachloro-1,3-butadiene	ND		10	2.6	ug/L			12/28/24 15:35	10
Isopropylbenzene	**39**		5.0	2.1	ug/L			12/28/24 15:35	10
2-Butanone	ND		50	29	ug/L			12/28/24 15:35	10
Methylene Chloride	ND		10	4.0	ug/L			12/28/24 15:35	10
2-Hexanone	ND		60	20	ug/L			12/28/24 15:35	10
Naphthalene	**65**		10	5.5	ug/L			12/28/24 15:35	10
n-Butylbenzene	**6.2**		5.0	2.4	ug/L			12/28/24 15:35	10
N-Propylbenzene	**38**		5.0	1.8	ug/L			12/28/24 15:35	10
p-Isopropyltoluene	ND		5.0	2.0	ug/L			12/28/24 15:35	10
sec-Butylbenzene	**4.6**	**J**	5.0	2.0	ug/L			12/28/24 15:35	10
Styrene	ND		5.0	2.7	ug/L			12/28/24 15:35	10
tert-Butylbenzene	ND		5.0	2.1	ug/L			12/28/24 15:35	10
Tetrachloroethene	ND		5.0	1.6	ug/L			12/28/24 15:35	10
Trichloroethene	ND		5.0	1.5	ug/L			12/28/24 15:35	10
Trichlorofluoromethane	ND		5.0	2.6	ug/L			12/28/24 15:35	10
Vinyl chloride	ND		5.0	2.3	ug/L			12/28/24 15:35	10

Client Sample Results

Client: Stantec Consulting Services Inc
Job ID: 570-211900-1
Project/Site: ExxonMobil Gladiola Station / 238000257

Client Sample ID: MW-17
Lab Sample ID: 570-211900-4
Date Collected: 12/19/24 10:20
Matrix: Water
Date Received: 12/20/24 10:00

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	88		64 - 132		12/28/24 15:35	10
4-Bromofluorobenzene (Surr)	118		76 - 120		12/28/24 15:35	10
Dibromofluoromethane (Surr)	95		80 - 120		12/28/24 15:35	10
Toluene-d8 (Surr)	105		80 - 120		12/28/24 15:35	10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		0.20	0.098	ug/L		12/20/24 19:26	12/29/24 08:35	1
Acenaphthylene	ND		0.20	0.070	ug/L		12/20/24 19:26	12/29/24 08:35	1
Anthracene	ND		0.20	0.060	ug/L		12/20/24 19:26	12/29/24 08:35	1
Benzo[a]anthracene	ND		0.20	0.086	ug/L		12/20/24 19:26	12/29/24 08:35	1
Benzo[a]pyrene	ND		0.20	0.063	ug/L		12/20/24 19:26	12/29/24 08:35	1
Benzo[b]fluoranthene	ND		0.20	0.18	ug/L		12/20/24 19:26	12/29/24 08:35	1
Benzo[g,h,i]perylene	ND		0.20	0.10	ug/L		12/20/24 19:26	12/29/24 08:35	1
Benzo[k]fluoranthene	ND		0.20	0.15	ug/L		12/20/24 19:26	12/29/24 08:35	1
Chrysene	ND		0.20	0.060	ug/L		12/20/24 19:26	12/29/24 08:35	1
Dibenz(a,h)anthracene	ND		0.20	0.12	ug/L		12/20/24 19:26	12/29/24 08:35	1
Fluoranthene	ND		0.20	0.14	ug/L		12/20/24 19:26	12/29/24 08:35	1
Fluorene	**0.80**	**B**	0.20	0.075	ug/L		12/20/24 19:26	12/29/24 08:35	1
Indeno[1,2,3-cd]pyrene	ND		0.20	0.11	ug/L		12/20/24 19:26	12/29/24 08:35	1
1-Methylnaphthalene	**16**		0.20	0.074	ug/L		12/20/24 19:26	12/29/24 08:35	1
2-Methylnaphthalene	**18**		0.20	0.078	ug/L		12/20/24 19:26	12/29/24 08:35	1
Naphthalene	**33**		0.20	0.15	ug/L		12/20/24 19:26	12/29/24 08:35	1
Phenanthrene	**0.51**	**B**	0.20	0.074	ug/L		12/20/24 19:26	12/29/24 08:35	1
Pyrene	ND		0.20	0.067	ug/L		12/20/24 19:26	12/29/24 08:35	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl (Surr)	72		33 - 144	12/20/24 19:26	12/29/24 08:35	1
Nitrobenzene-d5 (Surr)	71		28 - 139	12/20/24 19:26	12/29/24 08:35	1
p-Terphenyl-d14 (Surr)	82		23 - 160	12/20/24 19:26	12/29/24 08:35	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**6.6**		1.0	0.36	mg/L			01/04/25 11:15	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		12/27/24 02:17	12/27/24 10:39	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		12/23/24 07:27	12/23/24 23:46	1
Barium	**10.9**		0.0100	0.00111	mg/L		12/23/24 07:27	12/23/24 23:46	1
Cadmium	ND		0.0100	0.000620	mg/L		12/23/24 07:27	12/23/24 23:46	1
Chromium	ND		0.0500	0.00296	mg/L		12/23/24 07:27	12/23/24 23:46	1
Lead	ND		0.0500	0.00527	mg/L		12/23/24 07:27	12/23/24 23:46	1
Selenium	ND		0.0500	0.0162	mg/L		12/23/24 07:27	12/23/24 23:46	1
Silver	ND		0.0100	0.00259	mg/L		12/23/24 07:27	12/23/24 23:46	1

Client Sample Results

Client: Stantec Consulting Services Inc Job ID: 570-211900-1
Project/Site: ExxonMobil Gladiola Station / 238000257

Client Sample ID: MW-17 Lab Sample ID: 570-211900-4

Date Collected: 12/19/24 10:20 **Matrix: Water**
Date Received: 12/20/24 10:00

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	1060		10.0	8.35	mg/L			12/26/24 15:26	1

Client Sample ID: MW-27 Lab Sample ID: 570-211900-5

Date Collected: 12/19/24 08:35 **Matrix: Water**
Date Received: 12/20/24 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			12/28/24 15:59	1
Toluene	ND		0.50	0.14	ug/L			12/28/24 15:59	1
o-Xylene	ND		0.50	0.18	ug/L			12/28/24 15:59	1
m,p-Xylene	ND		1.0	0.39	ug/L			12/28/24 15:59	1
Xylenes, Total	ND		1.0	0.39	ug/L			12/28/24 15:59	1
Methyl-t-Butyl Ether (MTBE)	ND		0.50	0.14	ug/L			12/28/24 15:59	1
1,1,1,2-Tetrachloroethane	ND		0.50	0.20	ug/L			12/28/24 15:59	1
1,1,1-Trichloroethane	ND		0.50	0.20	ug/L			12/28/24 15:59	1
1,1,2,2-Tetrachloroethane	ND		0.50	0.14	ug/L			12/28/24 15:59	1
1,1,2-Trichloroethane	ND		0.50	0.18	ug/L			12/28/24 15:59	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50	0.25	ug/L			12/28/24 15:59	1
1,1-Dichloroethane	ND		0.50	0.21	ug/L			12/28/24 15:59	1
1,1-Dichloroethene	ND		0.50	0.21	ug/L			12/28/24 15:59	1
1,1-Dichloropropene	ND		0.50	0.16	ug/L			12/28/24 15:59	1
1,2,3-Trichlorobenzene	ND		0.50	0.26	ug/L			12/28/24 15:59	1
1,2,3-Trichloropropane	ND		0.50	0.31	ug/L			12/28/24 15:59	1
1,2,4-Trichlorobenzene	ND		0.50	0.26	ug/L			12/28/24 15:59	1
1,2,4-Trimethylbenzene	ND		0.50	0.22	ug/L			12/28/24 15:59	1
1,3,5-Trimethylbenzene	ND		0.50	0.19	ug/L			12/28/24 15:59	1
c-1,2-Dichloroethene	ND		0.50	0.16	ug/L			12/28/24 15:59	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.84	ug/L			12/28/24 15:59	1
1,2-Dichlorobenzene	ND		0.50	0.14	ug/L			12/28/24 15:59	1
1,2-Dichloroethane	ND		0.50	0.14	ug/L			12/28/24 15:59	1
1,2-Dichloropropane	ND		0.50	0.14	ug/L			12/28/24 15:59	1
t-1,2-Dichloroethene	ND		0.50	0.22	ug/L			12/28/24 15:59	1
c-1,3-Dichloropropene	ND		0.50	0.15	ug/L			12/28/24 15:59	1
1,3-Dichlorobenzene	ND		0.50	0.16	ug/L			12/28/24 15:59	1
1,3-Dichloropropane	ND		0.50	0.19	ug/L			12/28/24 15:59	1
t-1,3-Dichloropropene	ND		0.50	0.21	ug/L			12/28/24 15:59	1
1,4-Dichlorobenzene	ND		0.50	0.11	ug/L			12/28/24 15:59	1
2,2-Dichloropropane	ND		0.50	0.26	ug/L			12/28/24 15:59	1
2-Chlorotoluene	ND		0.50	0.23	ug/L			12/28/24 15:59	1
4-Chlorotoluene	ND		0.50	0.24	ug/L			12/28/24 15:59	1
4-Methyl-2-pentanone	ND		5.0	1.6	ug/L			12/28/24 15:59	1
Acetone	ND		8.0	3.6	ug/L			12/28/24 15:59	1
Bromobenzene	ND		0.50	0.14	ug/L			12/28/24 15:59	1
Bromochloromethane	ND		1.0	0.27	ug/L			12/28/24 15:59	1
Bromoform	ND		0.50	0.28	ug/L			12/28/24 15:59	1
Bromomethane	ND		2.0	1.9	ug/L			12/28/24 15:59	1
Carbon disulfide	ND		1.0	0.32	ug/L			12/28/24 15:59	1
Carbon tetrachloride	ND		0.50	0.27	ug/L			12/28/24 15:59	1
Chlorobenzene	ND		0.50	0.12	ug/L			12/28/24 15:59	1

Client Sample Results

Client: Stantec Consulting Services Inc Job ID: 570-211900-1
Project/Site: ExxonMobil Gladiola Station / 238000257

Client Sample ID: MW-27 Lab Sample ID: 570-211900-5

Date Collected: 12/19/24 08:35 **Matrix: Water**
Date Received: 12/20/24 10:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibromochloromethane	ND		0.50	0.21	ug/L			12/28/24 15:59	1
Chloroethane	ND		0.50	0.38	ug/L			12/28/24 15:59	1
Chloroform	ND		0.50	0.25	ug/L			12/28/24 15:59	1
Chloromethane	ND		1.0	0.65	ug/L			12/28/24 15:59	1
Dibromomethane	ND		0.50	0.16	ug/L			12/28/24 15:59	1
Bromodichloromethane	ND		0.50	0.15	ug/L			12/28/24 15:59	1
Dichlorodifluoromethane	ND		1.0	0.51	ug/L			12/28/24 15:59	1
1,2-Dibromoethane	ND		0.50	0.27	ug/L			12/28/24 15:59	1
Hexachloro-1,3-butadiene	ND		1.0	0.26	ug/L			12/28/24 15:59	1
Isopropylbenzene	ND		0.50	0.21	ug/L			12/28/24 15:59	1
2-Butanone	ND		5.0	2.9	ug/L			12/28/24 15:59	1
Methylene Chloride	ND		1.0	0.40	ug/L			12/28/24 15:59	1
2-Hexanone	ND		6.0	2.0	ug/L			12/28/24 15:59	1
n-Butylbenzene	ND		0.50	0.24	ug/L			12/28/24 15:59	1
N-Propylbenzene	ND		0.50	0.18	ug/L			12/28/24 15:59	1
p-Isopropyltoluene	ND		0.50	0.20	ug/L			12/28/24 15:59	1
sec-Butylbenzene	ND		0.50	0.20	ug/L			12/28/24 15:59	1
Styrene	ND		0.50	0.27	ug/L			12/28/24 15:59	1
tert-Butylbenzene	ND		0.50	0.21	ug/L			12/28/24 15:59	1
Tetrachloroethene	ND		0.50	0.16	ug/L			12/28/24 15:59	1
Trichloroethene	ND		0.50	0.15	ug/L			12/28/24 15:59	1
Trichlorofluoromethane	ND		0.50	0.26	ug/L			12/28/24 15:59	1
Vinyl chloride	ND		0.50	0.23	ug/L			12/28/24 15:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*91*		*64 - 132*		*12/28/24 15:59*	*1*
4-Bromofluorobenzene (Surr)	*99*		*76 - 120*		*12/28/24 15:59*	*1*
Dibromofluoromethane (Surr)	*99*		*80 - 120*		*12/28/24 15:59*	*1*
Toluene-d8 (Surr)	*101*		*80 - 120*		*12/28/24 15:59*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	ND		0.50	0.16	ug/L			12/30/24 16:40	1
Naphthalene	ND		1.0	0.55	ug/L			12/30/24 16:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*95*		*64 - 132*		*12/30/24 16:40*	*1*
4-Bromofluorobenzene (Surr)	*99*		*76 - 120*		*12/30/24 16:40*	*1*
Dibromofluoromethane (Surr)	*100*		*80 - 120*		*12/30/24 16:40*	*1*
Toluene-d8 (Surr)	*103*		*80 - 120*		*12/30/24 16:40*	*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		12/20/24 19:26	12/29/24 08:57	1
Acenaphthylene	ND		0.20	0.068	ug/L		12/20/24 19:26	12/29/24 08:57	1
Anthracene	ND		0.20	0.059	ug/L		12/20/24 19:26	12/29/24 08:57	1
Benzo[a]anthracene	ND		0.20	0.085	ug/L		12/20/24 19:26	12/29/24 08:57	1
Benzo[a]pyrene	ND		0.20	0.062	ug/L		12/20/24 19:26	12/29/24 08:57	1
Benzo[b]fluoranthene	ND		0.20	0.17	ug/L		12/20/24 19:26	12/29/24 08:57	1
Benzo[g,h,i]perylene	ND		0.20	0.10	ug/L		12/20/24 19:26	12/29/24 08:57	1

Client Sample Results

Client: Stantec Consulting Services Inc Job ID: 570-211900-1
Project/Site: ExxonMobil Gladiola Station / 238000257

Client Sample ID: MW-27 Lab Sample ID: 570-211900-5

Date Collected: 12/19/24 08:35 **Matrix: Water**
Date Received: 12/20/24 10:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[k]fluoranthene	ND		0.20	0.15	ug/L		12/20/24 19:26	12/29/24 08:57	1
Chrysene	ND		0.20	0.059	ug/L		12/20/24 19:26	12/29/24 08:57	1
Dibenz(a,h)anthracene	ND		0.20	0.11	ug/L		12/20/24 19:26	12/29/24 08:57	1
Fluoranthene	ND		0.20	0.14	ug/L		12/20/24 19:26	12/29/24 08:57	1
Fluorene	ND		0.20	0.074	ug/L		12/20/24 19:26	12/29/24 08:57	1
Indeno[1,2,3-cd]pyrene	ND		0.20	0.11	ug/L		12/20/24 19:26	12/29/24 08:57	1
1-Methylnaphthalene	ND		0.20	0.072	ug/L		12/20/24 19:26	12/29/24 08:57	1
2-Methylnaphthalene	ND		0.20	0.076	ug/L		12/20/24 19:26	12/29/24 08:57	1
Naphthalene	ND		0.20	0.15	ug/L		12/20/24 19:26	12/29/24 08:57	1
Phenanthrene	ND		0.20	0.072	ug/L		12/20/24 19:26	12/29/24 08:57	1
Pyrene	ND		0.20	0.066	ug/L		12/20/24 19:26	12/29/24 08:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*77*		*33 - 144*	*12/20/24 19:26*	*12/29/24 08:57*	*1*
Nitrobenzene-d5 (Surr)	*74*		*28 - 139*	*12/20/24 19:26*	*12/29/24 08:57*	*1*
p-Terphenyl-d14 (Surr)	*98*		*23 - 160*	*12/20/24 19:26*	*12/29/24 08:57*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**290**		10	3.6	mg/L			01/04/25 08:44	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		12/27/24 02:17	12/27/24 10:41	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		12/21/24 09:51	12/24/24 04:38	1
Barium	**0.0474**		0.0100	0.00111	mg/L		12/21/24 09:51	12/24/24 04:38	1
Cadmium	ND		0.0100	0.000620	mg/L		12/21/24 09:51	12/24/24 04:38	1
Chromium	ND		0.0500	0.00296	mg/L		12/21/24 09:51	12/24/24 04:38	1
Lead	**0.00600**	**J**	0.0500	0.00527	mg/L		12/21/24 09:51	12/24/24 04:38	1
Selenium	ND		0.0500	0.0162	mg/L		12/21/24 09:51	12/24/24 04:38	1
Silver	ND		0.0100	0.00259	mg/L		12/21/24 09:51	12/24/24 04:38	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	**1140**		10.0	8.35	mg/L			12/26/24 15:26	1

Client Sample ID: MW-28 Lab Sample ID: 570-211900-6

Date Collected: 12/19/24 09:10 **Matrix: Water**
Date Received: 12/20/24 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			12/28/24 16:23	1
Toluene	ND		0.50	0.14	ug/L			12/28/24 16:23	1
Ethylbenzene	ND		0.50	0.16	ug/L			12/28/24 16:23	1
o-Xylene	ND		0.50	0.18	ug/L			12/28/24 16:23	1
m,p-Xylene	ND		1.0	0.39	ug/L			12/28/24 16:23	1
Xylenes, Total	ND		1.0	0.39	ug/L			12/28/24 16:23	1

Client Sample Results

Client: Stantec Consulting Services Inc Job ID: 570-211900-1
Project/Site: ExxonMobil Gladiola Station / 238000257

Client Sample ID: MW-28 **Lab Sample ID: 570-211900-6**
Date Collected: 12/19/24 09:10 **Matrix: Water**
Date Received: 12/20/24 10:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl-t-Butyl Ether (MTBE)	ND		0.50	0.14	ug/L			12/28/24 16:23	1
1,1,1,2-Tetrachloroethane	ND		0.50	0.20	ug/L			12/28/24 16:23	1
1,1,1-Trichloroethane	ND		0.50	0.20	ug/L			12/28/24 16:23	1
1,1,2,2-Tetrachloroethane	ND		0.50	0.14	ug/L			12/28/24 16:23	1
1,1,2-Trichloroethane	ND		0.50	0.18	ug/L			12/28/24 16:23	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50	0.25	ug/L			12/28/24 16:23	1
1,1-Dichloroethane	ND		0.50	0.21	ug/L			12/28/24 16:23	1
1,1-Dichloroethene	ND		0.50	0.21	ug/L			12/28/24 16:23	1
1,1-Dichloropropene	ND		0.50	0.16	ug/L			12/28/24 16:23	1
1,2,3-Trichlorobenzene	ND		0.50	0.26	ug/L			12/28/24 16:23	1
1,2,3-Trichloropropane	ND		0.50	0.31	ug/L			12/28/24 16:23	1
1,2,4-Trichlorobenzene	ND		0.50	0.26	ug/L			12/28/24 16:23	1
1,2,4-Trimethylbenzene	ND		0.50	0.22	ug/L			12/28/24 16:23	1
1,3,5-Trimethylbenzene	ND		0.50	0.19	ug/L			12/28/24 16:23	1
c-1,2-Dichloroethene	ND		0.50	0.16	ug/L			12/28/24 16:23	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.84	ug/L			12/28/24 16:23	1
1,2-Dichlorobenzene	ND		0.50	0.14	ug/L			12/28/24 16:23	1
1,2-Dichloroethane	ND		0.50	0.14	ug/L			12/28/24 16:23	1
1,2-Dichloropropane	ND		0.50	0.14	ug/L			12/28/24 16:23	1
t-1,2-Dichloroethene	ND		0.50	0.22	ug/L			12/28/24 16:23	1
c-1,3-Dichloropropene	ND		0.50	0.15	ug/L			12/28/24 16:23	1
1,3-Dichlorobenzene	ND		0.50	0.16	ug/L			12/28/24 16:23	1
1,3-Dichloropropane	ND		0.50	0.19	ug/L			12/28/24 16:23	1
t-1,3-Dichloropropene	ND		0.50	0.21	ug/L			12/28/24 16:23	1
1,4-Dichlorobenzene	ND		0.50	0.11	ug/L			12/28/24 16:23	1
2,2-Dichloropropane	ND		0.50	0.26	ug/L			12/28/24 16:23	1
2-Chlorotoluene	ND		0.50	0.23	ug/L			12/28/24 16:23	1
4-Chlorotoluene	ND		0.50	0.24	ug/L			12/28/24 16:23	1
4-Methyl-2-pentanone	ND		5.0	1.6	ug/L			12/28/24 16:23	1
Acetone	ND		8.0	3.6	ug/L			12/28/24 16:23	1
Bromobenzene	ND		0.50	0.14	ug/L			12/28/24 16:23	1
Bromochloromethane	ND		1.0	0.27	ug/L			12/28/24 16:23	1
Bromoform	ND		0.50	0.28	ug/L			12/28/24 16:23	1
Bromomethane	ND		2.0	1.9	ug/L			12/28/24 16:23	1
Carbon disulfide	ND		1.0	0.32	ug/L			12/28/24 16:23	1
Carbon tetrachloride	ND		0.50	0.27	ug/L			12/28/24 16:23	1
Chlorobenzene	ND		0.50	0.12	ug/L			12/28/24 16:23	1
Dibromochloromethane	ND		0.50	0.21	ug/L			12/28/24 16:23	1
Chloroethane	ND		0.50	0.38	ug/L			12/28/24 16:23	1
Chloroform	ND		0.50	0.25	ug/L			12/28/24 16:23	1
Chloromethane	ND		1.0	0.65	ug/L			12/28/24 16:23	1
Dibromomethane	ND		0.50	0.16	ug/L			12/28/24 16:23	1
Bromodichloromethane	ND		0.50	0.15	ug/L			12/28/24 16:23	1
Dichlorodifluoromethane	ND		1.0	0.51	ug/L			12/28/24 16:23	1
1,2-Dibromoethane	ND		0.50	0.27	ug/L			12/28/24 16:23	1
Hexachloro-1,3-butadiene	ND		1.0	0.26	ug/L			12/28/24 16:23	1
Isopropylbenzene	ND		0.50	0.21	ug/L			12/28/24 16:23	1
2-Butanone	ND		5.0	2.9	ug/L			12/28/24 16:23	1
Methylene Chloride	ND		1.0	0.40	ug/L			12/28/24 16:23	1

Client Sample Results

Client: Stantec Consulting Services Inc
Job ID: 570-211900-1
Project/Site: ExxonMobil Gladiola Station / 238000257

Client Sample ID: MW-28
Lab Sample ID: 570-211900-6
Date Collected: 12/19/24 09:10
Matrix: Water
Date Received: 12/20/24 10:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Hexanone	ND		6.0	2.0	ug/L			12/28/24 16:23	1
Naphthalene	ND		1.0	0.55	ug/L			12/28/24 16:23	1
n-Butylbenzene	ND		0.50	0.24	ug/L			12/28/24 16:23	1
N-Propylbenzene	ND		0.50	0.18	ug/L			12/28/24 16:23	1
p-Isopropyltoluene	ND		0.50	0.20	ug/L			12/28/24 16:23	1
sec-Butylbenzene	ND		0.50	0.20	ug/L			12/28/24 16:23	1
Styrene	ND		0.50	0.27	ug/L			12/28/24 16:23	1
tert-Butylbenzene	ND		0.50	0.21	ug/L			12/28/24 16:23	1
Tetrachloroethene	ND		0.50	0.16	ug/L			12/28/24 16:23	1
Trichloroethene	ND		0.50	0.15	ug/L			12/28/24 16:23	1
Trichlorofluoromethane	ND		0.50	0.26	ug/L			12/28/24 16:23	1
Vinyl chloride	ND		0.50	0.23	ug/L			12/28/24 16:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*91*		*64 - 132*		*12/28/24 16:23*	*1*
4-Bromofluorobenzene (Surr)	*96*		*76 - 120*		*12/28/24 16:23*	*1*
Dibromofluoromethane (Surr)	*98*		*80 - 120*		*12/28/24 16:23*	*1*
Toluene-d8 (Surr)	*100*		*80 - 120*		*12/28/24 16:23*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		0.20	0.098	ug/L		12/20/24 19:26	12/29/24 09:20	1
Acenaphthylene	ND		0.20	0.070	ug/L		12/20/24 19:26	12/29/24 09:20	1
Anthracene	ND		0.20	0.060	ug/L		12/20/24 19:26	12/29/24 09:20	1
Benzo[a]anthracene	ND		0.20	0.086	ug/L		12/20/24 19:26	12/29/24 09:20	1
Benzo[a]pyrene	ND		0.20	0.063	ug/L		12/20/24 19:26	12/29/24 09:20	1
Benzo[b]fluoranthene	ND		0.20	0.18	ug/L		12/20/24 19:26	12/29/24 09:20	1
Benzo[g,h,i]perylene	ND		0.20	0.10	ug/L		12/20/24 19:26	12/29/24 09:20	1
Benzo[k]fluoranthene	ND		0.20	0.15	ug/L		12/20/24 19:26	12/29/24 09:20	1
Chrysene	ND		0.20	0.060	ug/L		12/20/24 19:26	12/29/24 09:20	1
Dibenz(a,h)anthracene	ND		0.20	0.12	ug/L		12/20/24 19:26	12/29/24 09:20	1
Fluoranthene	ND		0.20	0.14	ug/L		12/20/24 19:26	12/29/24 09:20	1
Fluorene	ND		0.20	0.076	ug/L		12/20/24 19:26	12/29/24 09:20	1
Indeno[1,2,3-cd]pyrene	ND		0.20	0.11	ug/L		12/20/24 19:26	12/29/24 09:20	1
1-Methylnaphthalene	ND		0.20	0.074	ug/L		12/20/24 19:26	12/29/24 09:20	1
2-Methylnaphthalene	ND		0.20	0.078	ug/L		12/20/24 19:26	12/29/24 09:20	1
Naphthalene	ND		0.20	0.15	ug/L		12/20/24 19:26	12/29/24 09:20	1
Phenanthrene	ND		0.20	0.074	ug/L		12/20/24 19:26	12/29/24 09:20	1
Pyrene	ND		0.20	0.067	ug/L		12/20/24 19:26	12/29/24 09:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*83*		*33 - 144*	*12/20/24 19:26*	*12/29/24 09:20*	*1*
Nitrobenzene-d5 (Surr)	*78*		*28 - 139*	*12/20/24 19:26*	*12/29/24 09:20*	*1*
p-Terphenyl-d14 (Surr)	*88*		*23 - 160*	*12/20/24 19:26*	*12/29/24 09:20*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**170**		10	3.6	mg/L			01/04/25 09:01	10

Client Sample Results

Client: Stantec Consulting Services Inc
Job ID: 570-211900-1
Project/Site: ExxonMobil Gladiola Station / 238000257

Client Sample ID: MW-28
Lab Sample ID: 570-211900-6
Date Collected: 12/19/24 09:10
Matrix: Water
Date Received: 12/20/24 10:00

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		12/27/24 02:17	12/27/24 10:42	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		12/21/24 09:51	12/24/24 04:45	1
Barium	**0.0400**		0.0100	0.00111	mg/L		12/21/24 09:51	12/24/24 04:45	1
Cadmium	ND		0.0100	0.000620	mg/L		12/21/24 09:51	12/24/24 04:45	1
Chromium	ND		0.0500	0.00296	mg/L		12/21/24 09:51	12/24/24 04:45	1
Lead	ND		0.0500	0.00527	mg/L		12/21/24 09:51	12/24/24 04:45	1
Selenium	ND		0.0500	0.0162	mg/L		12/21/24 09:51	12/24/24 04:45	1
Silver	ND		0.0100	0.00259	mg/L		12/21/24 09:51	12/24/24 04:45	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	**1150**		10.0	8.35	mg/L			12/26/24 15:26	1

Surrogate Summary

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

Job ID: 570-211900-1

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

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
		DCA	BFB	DBFM	TOL
Lab Sample ID	Client Sample ID	(64-132)	(76-120)	(80-120)	(80-120)
570-211900-1	MW-3	89	92	97	103
570-211900-2	MW-6	91	105	97	108
570-211900-3	Trip Blank	85	89	96	100
570-211900-4	MW-17	88	118	95	105
570-211900-5	MW-27	91	99	99	101
570-211900-5 - RA	MW-27	95	99	100	103
570-211900-6	MW-28	91	96	98	100
LCS 570-518457/1002	Lab Control Sample	92	99	100	104
LCS 570-518667/1003	Lab Control Sample	93	98	99	101
LCSD 570-518457/3	Lab Control Sample Dup	92	96	99	102
LCSD 570-518667/4	Lab Control Sample Dup	96	100	100	101
MB 570-518457/5	Method Blank	91	95	99	100
MB 570-518667/6	Method Blank	98	101	99	101

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)		
		FBP	NBZ	TPHd14
Lab Sample ID	Client Sample ID	(33-144)	(28-139)	(23-160)
570-211900-1	MW-3	81	73	73
570-211900-2	MW-6	76	53	82
570-211900-4	MW-17	72	71	82
570-211900-5	MW-27	77	74	98
570-211900-6	MW-28	83	78	88
LCS 570-516627/2-A	Lab Control Sample	90	95	78
LCSD 570-516627/3-A	Lab Control Sample Dup	95	99	82
MB 570-516627/1-A	Method Blank	86	95	83

Surrogate Legend

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

QC Sample Results

Client: Stantec Consulting Services Inc
Job ID: 570-211900-1
Project/Site: ExxonMobil Gladiola Station / 238000257

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

Lab Sample ID: MB 570-518457/5
Matrix: Water
Analysis Batch: 518457

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			12/28/24 11:27	1
Toluene	ND		0.50	0.14	ug/L			12/28/24 11:27	1
Ethylbenzene	ND		0.50	0.16	ug/L			12/28/24 11:27	1
o-Xylene	ND		0.50	0.18	ug/L			12/28/24 11:27	1
m,p-Xylene	ND		1.0	0.39	ug/L			12/28/24 11:27	1
Xylenes, Total	ND		1.0	0.39	ug/L			12/28/24 11:27	1
Methyl-t-Butyl Ether (MTBE)	ND		0.50	0.14	ug/L			12/28/24 11:27	1
1,1,1,2-Tetrachloroethane	ND		0.50	0.20	ug/L			12/28/24 11:27	1
1,1,1-Trichloroethane	ND		0.50	0.20	ug/L			12/28/24 11:27	1
1,1,2,2-Tetrachloroethane	ND		0.50	0.14	ug/L			12/28/24 11:27	1
1,1,2-Trichloroethane	ND		0.50	0.18	ug/L			12/28/24 11:27	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50	0.25	ug/L			12/28/24 11:27	1
1,1-Dichloroethane	ND		0.50	0.21	ug/L			12/28/24 11:27	1
1,1-Dichloroethene	ND		0.50	0.21	ug/L			12/28/24 11:27	1
1,1-Dichloropropene	ND		0.50	0.16	ug/L			12/28/24 11:27	1
1,2,3-Trichlorobenzene	ND		0.50	0.26	ug/L			12/28/24 11:27	1
1,2,3-Trichloropropane	ND		0.50	0.31	ug/L			12/28/24 11:27	1
1,2,4-Trichlorobenzene	ND		0.50	0.26	ug/L			12/28/24 11:27	1
1,2,4-Trimethylbenzene	ND		0.50	0.22	ug/L			12/28/24 11:27	1
1,3,5-Trimethylbenzene	ND		0.50	0.19	ug/L			12/28/24 11:27	1
c-1,2-Dichloroethene	ND		0.50	0.16	ug/L			12/28/24 11:27	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.84	ug/L			12/28/24 11:27	1
1,2-Dichlorobenzene	ND		0.50	0.14	ug/L			12/28/24 11:27	1
1,2-Dichloroethane	ND		0.50	0.14	ug/L			12/28/24 11:27	1
1,2-Dichloropropane	ND		0.50	0.14	ug/L			12/28/24 11:27	1
t-1,2-Dichloroethene	ND		0.50	0.22	ug/L			12/28/24 11:27	1
c-1,3-Dichloropropene	ND		0.50	0.15	ug/L			12/28/24 11:27	1
1,3-Dichlorobenzene	ND		0.50	0.16	ug/L			12/28/24 11:27	1
1,3-Dichloropropane	ND		0.50	0.19	ug/L			12/28/24 11:27	1
t-1,3-Dichloropropene	ND		0.50	0.21	ug/L			12/28/24 11:27	1
1,4-Dichlorobenzene	ND		0.50	0.11	ug/L			12/28/24 11:27	1
2,2-Dichloropropane	ND		0.50	0.26	ug/L			12/28/24 11:27	1
2-Chlorotoluene	ND		0.50	0.23	ug/L			12/28/24 11:27	1
4-Chlorotoluene	ND		0.50	0.24	ug/L			12/28/24 11:27	1
4-Methyl-2-pentanone	ND		5.0	1.6	ug/L			12/28/24 11:27	1
Acetone	ND		8.0	3.6	ug/L			12/28/24 11:27	1
Bromobenzene	ND		0.50	0.14	ug/L			12/28/24 11:27	1
Bromochloromethane	ND		1.0	0.27	ug/L			12/28/24 11:27	1
Bromoform	ND		0.50	0.28	ug/L			12/28/24 11:27	1
Bromomethane	ND		2.0	1.9	ug/L			12/28/24 11:27	1
Carbon disulfide	ND		1.0	0.32	ug/L			12/28/24 11:27	1
Carbon tetrachloride	ND		0.50	0.27	ug/L			12/28/24 11:27	1
Chlorobenzene	ND		0.50	0.12	ug/L			12/28/24 11:27	1
Dibromochloromethane	ND		0.50	0.21	ug/L			12/28/24 11:27	1
Chloroethane	ND		0.50	0.38	ug/L			12/28/24 11:27	1
Chloroform	ND		0.50	0.25	ug/L			12/28/24 11:27	1
Chloromethane	ND		1.0	0.65	ug/L			12/28/24 11:27	1
Dibromomethane	ND		0.50	0.16	ug/L			12/28/24 11:27	1

QC Sample Results

Client: Stantec Consulting Services Inc
Job ID: 570-211900-1
Project/Site: ExxonMobil Gladiola Station / 238000257

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

Lab Sample ID: MB 570-518457/5
Matrix: Water
Analysis Batch: 518457

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			12/28/24 11:27	1
Dichlorodifluoromethane	ND		1.0	0.51	ug/L			12/28/24 11:27	1
1,2-Dibromoethane	ND		0.50	0.27	ug/L			12/28/24 11:27	1
Hexachloro-1,3-butadiene	ND		1.0	0.26	ug/L			12/28/24 11:27	1
Isopropylbenzene	ND		0.50	0.21	ug/L			12/28/24 11:27	1
2-Butanone	ND		5.0	2.9	ug/L			12/28/24 11:27	1
Methylene Chloride	ND		1.0	0.40	ug/L			12/28/24 11:27	1
2-Hexanone	ND		6.0	2.0	ug/L			12/28/24 11:27	1
Naphthalene	ND		1.0	0.55	ug/L			12/28/24 11:27	1
n-Butylbenzene	ND		0.50	0.24	ug/L			12/28/24 11:27	1
N-Propylbenzene	ND		0.50	0.18	ug/L			12/28/24 11:27	1
p-Isopropyltoluene	ND		0.50	0.20	ug/L			12/28/24 11:27	1
sec-Butylbenzene	ND		0.50	0.20	ug/L			12/28/24 11:27	1
Styrene	ND		0.50	0.27	ug/L			12/28/24 11:27	1
tert-Butylbenzene	ND		0.50	0.21	ug/L			12/28/24 11:27	1
Tetrachloroethene	ND		0.50	0.16	ug/L			12/28/24 11:27	1
Trichloroethene	ND		0.50	0.15	ug/L			12/28/24 11:27	1
Trichlorofluoromethane	ND		0.50	0.26	ug/L			12/28/24 11:27	1
Vinyl chloride	ND		0.50	0.23	ug/L			12/28/24 11:27	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*91*		*64 - 132*		*12/28/24 11:27*	*1*
4-Bromofluorobenzene (Surr)	*95*		*76 - 120*		*12/28/24 11:27*	*1*
Dibromofluoromethane (Surr)	*99*		*80 - 120*		*12/28/24 11:27*	*1*
Toluene-d8 (Surr)	*100*		*80 - 120*		*12/28/24 11:27*	*1*

Lab Sample ID: LCS 570-518457/1002
Matrix: Water
Analysis Batch: 518457

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	9.716		ug/L		97	80 - 120
Toluene	10.0	10.32		ug/L		103	80 - 120
Ethylbenzene	10.0	9.334		ug/L		93	80 - 126
o-Xylene	10.0	9.365		ug/L		94	80 - 124
m,p-Xylene	20.0	18.63		ug/L		93	80 - 123
Methyl-t-Butyl Ether (MTBE)	10.0	9.990		ug/L		100	69 - 128
1,1-Dichloroethene	10.0	9.229		ug/L		92	80 - 126
1,2-Dichlorobenzene	10.0	10.02		ug/L		100	80 - 120
1,2-Dichloroethane	10.0	9.119		ug/L		91	76 - 130
Carbon tetrachloride	10.0	10.20		ug/L		102	61 - 139
Chlorobenzene	10.0	9.571		ug/L		96	80 - 120
1,2-Dibromoethane	10.0	9.603		ug/L		96	80 - 125
Hexachloro-1,3-butadiene	10.0	9.726		ug/L		97	80 - 123
Trichloroethene	10.0	10.06		ug/L		101	77 - 124
Vinyl chloride	10.0	8.917		ug/L		89	50 - 160

QC Sample Results

Client: Stantec Consulting Services Inc
Job ID: 570-211900-1
Project/Site: ExxonMobil Gladiola Station / 238000257

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

Lab Sample ID: LCS 570-518457/1002
Matrix: Water
Analysis Batch: 518457

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

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	92		64 - 132
4-Bromofluorobenzene (Surr)	99		76 - 120
Dibromofluoromethane (Surr)	100		80 - 120
Toluene-d8 (Surr)	104		80 - 120

Lab Sample ID: LCSD 570-518457/3
Matrix: Water
Analysis Batch: 518457

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	9.920		ug/L		99	80 - 120	2	20
Toluene			10.0	10.30		ug/L		103	80 - 120	0	20
Ethylbenzene			10.0	9.313		ug/L		93	80 - 126	0	20
o-Xylene			10.0	9.271		ug/L		93	80 - 124	1	20
m,p-Xylene			20.0	18.59		ug/L		93	80 - 123	0	20
Methyl-t-Butyl Ether (MTBE)			10.0	9.775		ug/L		98	69 - 128	2	20
1,1-Dichloroethene			10.0	9.096		ug/L		91	80 - 126	1	21
1,2-Dichlorobenzene			10.0	10.17		ug/L		102	80 - 120	1	20
1,2-Dichloroethane			10.0	8.997		ug/L		90	76 - 130	1	20
Carbon tetrachloride			10.0	10.24		ug/L		102	61 - 139	0	20
Chlorobenzene			10.0	9.539		ug/L		95	80 - 120	0	20
1,2-Dibromoethane			10.0	9.769		ug/L		98	80 - 125	2	20
Hexachloro-1,3-butadiene			10.0	9.845		ug/L		98	80 - 123	1	20
Trichloroethene			10.0	10.22		ug/L		102	77 - 124	2	20
Vinyl chloride			10.0	8.794		ug/L		88	50 - 160	1	20

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	92		64 - 132
4-Bromofluorobenzene (Surr)	96		76 - 120
Dibromofluoromethane (Surr)	99		80 - 120
Toluene-d8 (Surr)	102		80 - 120

Lab Sample ID: MB 570-518667/6
Matrix: Water
Analysis Batch: 518667

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	ND		0.50	0.16	ug/L			12/30/24 08:12	1
Naphthalene	ND		1.0	0.55	ug/L			12/30/24 08:12	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	98		64 - 132		12/30/24 08:12	1
4-Bromofluorobenzene (Surr)	101		76 - 120		12/30/24 08:12	1
Dibromofluoromethane (Surr)	99		80 - 120		12/30/24 08:12	1
Toluene-d8 (Surr)	101		80 - 120		12/30/24 08:12	1

QC Sample Results

Client: Stantec Consulting Services Inc
Job ID: 570-211900-1
Project/Site: ExxonMobil Gladiola Station / 238000257

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

Lab Sample ID: LCS 570-518667/1003
Matrix: Water
Analysis Batch: 518667

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Ethylbenzene			10.0	10.54		ug/L		105	80 - 126		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*93*		*64 - 132*
4-Bromofluorobenzene (Surr)	*98*		*76 - 120*
Dibromofluoromethane (Surr)	*99*		*80 - 120*
Toluene-d8 (Surr)	*101*		*80 - 120*

Lab Sample ID: LCSD 570-518667/4
Matrix: Water
Analysis Batch: 518667

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
Ethylbenzene			10.0	10.23		ug/L		102	80 - 126	3	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*96*		*64 - 132*
4-Bromofluorobenzene (Surr)	*100*		*76 - 120*
Dibromofluoromethane (Surr)	*100*		*80 - 120*
Toluene-d8 (Surr)	*101*		*80 - 120*

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

Lab Sample ID: MB 570-516627/1-A
Matrix: Water
Analysis Batch: 517641

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 516627

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		0.20	0.097	ug/L		12/20/24 19:26	12/26/24 15:38	1
Acenaphthylene	0.07437	J	0.20	0.069	ug/L		12/20/24 19:26	12/26/24 15:38	1
Anthracene	0.09379	J	0.20	0.059	ug/L		12/20/24 19:26	12/26/24 15:38	1
Benzo[a]anthracene	0.09972	J	0.20	0.086	ug/L		12/20/24 19:26	12/26/24 15:38	1
Benzo[a]pyrene	0.1228	J	0.20	0.062	ug/L		12/20/24 19:26	12/26/24 15:38	1
Benzo[b]fluoranthene	ND		0.20	0.18	ug/L		12/20/24 19:26	12/26/24 15:38	1
Benzo[g,h,i]perylene	0.1101	J	0.20	0.10	ug/L		12/20/24 19:26	12/26/24 15:38	1
Benzo[k]fluoranthene	ND		0.20	0.15	ug/L		12/20/24 19:26	12/26/24 15:38	1
Chrysene	0.08895	J	0.20	0.059	ug/L		12/20/24 19:26	12/26/24 15:38	1
Dibenz(a,h)anthracene	ND		0.20	0.11	ug/L		12/20/24 19:26	12/26/24 15:38	1
Fluoranthene	ND		0.20	0.14	ug/L		12/20/24 19:26	12/26/24 15:38	1
Fluorene	0.08330	J	0.20	0.075	ug/L		12/20/24 19:26	12/26/24 15:38	1
Indeno[1,2,3-cd]pyrene	ND		0.20	0.11	ug/L		12/20/24 19:26	12/26/24 15:38	1
1-Methylnaphthalene	ND		0.20	0.073	ug/L		12/20/24 19:26	12/26/24 15:38	1
2-Methylnaphthalene	ND		0.20	0.077	ug/L		12/20/24 19:26	12/26/24 15:38	1
Naphthalene	ND		0.20	0.15	ug/L		12/20/24 19:26	12/26/24 15:38	1
Phenanthrene	0.09813	J	0.20	0.073	ug/L		12/20/24 19:26	12/26/24 15:38	1
Pyrene	0.07275	J	0.20	0.066	ug/L		12/20/24 19:26	12/26/24 15:38	1

QC Sample Results

Client: Stantec Consulting Services Inc
Job ID: 570-211900-1
Project/Site: ExxonMobil Gladiola Station / 238000257

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

Lab Sample ID: MB 570-516627/1-A
Matrix: Water
Analysis Batch: 517641

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 516627

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl (Surr)	86		33 - 144	12/20/24 19:26	12/26/24 15:38	1
Nitrobenzene-d5 (Surr)	95		28 - 139	12/20/24 19:26	12/26/24 15:38	1
p-Terphenyl-d14 (Surr)	83		23 - 160	12/20/24 19:26	12/26/24 15:38	1

Lab Sample ID: LCS 570-516627/2-A
Matrix: Water
Analysis Batch: 517641

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 516627

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Acenaphthene	10.0	8.981		ug/L		90	55 - 121
Acenaphthylene	10.0	8.966		ug/L		90	33 - 145
Anthracene	10.0	8.943		ug/L		89	27 - 133
Benzo[a]anthracene	10.0	9.084		ug/L		91	33 - 143
Benzo[a]pyrene	10.0	9.228		ug/L		92	17 - 163
Benzo[b]fluoranthene	10.0	9.258		ug/L		93	24 - 159
Benzo[g,h,i]perylene	10.0	8.127		ug/L		81	25 - 157
Benzo[k]fluoranthene	10.0	8.423		ug/L		84	24 - 159
Chrysene	10.0	8.345		ug/L		83	17 - 168
Dibenz(a,h)anthracene	10.0	8.605		ug/L		86	25 - 175
Fluoranthene	10.0	10.55		ug/L		106	26 - 137
Fluorene	10.0	9.755		ug/L		98	59 - 121
Indeno[1,2,3-cd]pyrene	10.0	9.085		ug/L		91	25 - 175
1-Methylnaphthalene	10.0	7.926		ug/L		79	20 - 140
2-Methylnaphthalene	10.0	9.014		ug/L		90	21 - 140
Naphthalene	10.0	7.994		ug/L		80	21 - 133
Phenanthrene	10.0	8.925		ug/L		89	54 - 120
Pyrene	10.0	8.099		ug/L		81	45 - 129

Surrogate	LCS %Recovery	LCS Qualifier	Limits
2-Fluorobiphenyl (Surr)	90		33 - 144
Nitrobenzene-d5 (Surr)	95		28 - 139
p-Terphenyl-d14 (Surr)	78		23 - 160

Lab Sample ID: LCSD 570-516627/3-A
Matrix: Water
Analysis Batch: 517641

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 516627

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Acenaphthene	10.0	9.487		ug/L		95	55 - 121	5	25
Acenaphthylene	10.0	9.413		ug/L		94	33 - 145	5	25
Anthracene	10.0	9.303		ug/L		93	27 - 133	4	25
Benzo[a]anthracene	10.0	9.669		ug/L		97	33 - 143	6	25
Benzo[a]pyrene	10.0	9.767		ug/L		98	17 - 163	6	25
Benzo[b]fluoranthene	10.0	9.904		ug/L		99	24 - 159	7	25
Benzo[g,h,i]perylene	10.0	8.688		ug/L		87	25 - 157	7	25
Benzo[k]fluoranthene	10.0	9.140		ug/L		91	24 - 159	8	25
Chrysene	10.0	8.863		ug/L		89	17 - 168	6	25
Dibenz(a,h)anthracene	10.0	9.305		ug/L		93	25 - 175	8	25

QC Sample Results

Client: Stantec Consulting Services Inc
Job ID: 570-211900-1
Project/Site: ExxonMobil Gladiola Station / 238000257

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

Lab Sample ID: LCSD 570-516627/3-A
Client Sample ID: Lab Control Sample Dup
Matrix: Water
Prep Type: Total/NA
Analysis Batch: 517641
Prep Batch: 516627

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Fluoranthene			10.0	11.10		ug/L		111	26 - 137	5	25
Fluorene			10.0	10.06		ug/L		101	59 - 121	3	25
Indeno[1,2,3-cd]pyrene			10.0	9.860		ug/L		99	25 - 175	8	25
1-Methylnaphthalene			10.0	8.293		ug/L		83	20 - 140	5	25
2-Methylnaphthalene			10.0	9.401		ug/L		94	21 - 140	4	25
Naphthalene			10.0	8.470		ug/L		85	21 - 133	6	25
Phenanthrene			10.0	9.441		ug/L		94	54 - 120	6	25
Pyrene			10.0	8.448		ug/L		84	45 - 129	4	25

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
2-Fluorobiphenyl (Surr)	*95*		*33 - 144*
Nitrobenzene-d5 (Surr)	*99*		*28 - 139*
p-Terphenyl-d14 (Surr)	*82*		*23 - 160*

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 570-520144/5
Client Sample ID: Method Blank
Matrix: Water
Prep Type: Total/NA
Analysis Batch: 520144

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		1.0	0.36	mg/L			01/04/25 07:03	1

Lab Sample ID: LCS 570-520144/6
Client Sample ID: Lab Control Sample
Matrix: Water
Prep Type: Total/NA
Analysis Batch: 520144

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride			50.0	51.77		mg/L		103	90 - 110		

Lab Sample ID: LCSD 570-520144/7
Client Sample ID: Lab Control Sample Dup
Matrix: Water
Prep Type: Total/NA
Analysis Batch: 520144

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride			50.0	51.91		mg/L		104	90 - 110	0	15

Lab Sample ID: 570-211900-4 MS
Client Sample ID: MW-17
Matrix: Water
Prep Type: Total/NA
Analysis Batch: 520144

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	6.6		50.0	59.51		mg/L		106	80 - 120		

Lab Sample ID: 570-211900-4 MSD
Client Sample ID: MW-17
Matrix: Water
Prep Type: Total/NA
Analysis Batch: 520144

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	6.6		50.0	59.15		mg/L		105	80 - 120	1	20

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QC Sample Results

Client: Stantec Consulting Services Inc
Job ID: 570-211900-1
Project/Site: ExxonMobil Gladiola Station / 238000257

Method: 245.1 - Mercury (CVAA)

Lab Sample ID: MB 570-518036/1-A
Matrix: Water
Analysis Batch: 518320

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 518036

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.000200	0.000124	mg/L		12/27/24 02:17	12/27/24 10:07	1

Lab Sample ID: LCS 570-518036/2-A
Matrix: Water
Analysis Batch: 518320

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 518036

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.00800	0.007328		mg/L		92	85 - 115

Lab Sample ID: LCSD 570-518036/3-A
Matrix: Water
Analysis Batch: 518320

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 518036

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury	0.00800	0.007321		mg/L		92	85 - 115	0	10

Lab Sample ID: 570-212032-G-1-C MS
Matrix: Water
Analysis Batch: 518320

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 518036

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.000169	J F1	0.00800	0.01046	F1	mg/L		129	85 - 115

Lab Sample ID: 570-212032-G-1-D MSD
Matrix: Water
Analysis Batch: 518320

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 518036

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury	0.000169	J F1	0.00800	0.01029	F1	mg/L		126	85 - 115	2	10

Method: 6010B - Metals (ICP)

Lab Sample ID: MB 570-516757/1-A
Matrix: Water
Analysis Batch: 517717

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 516757

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		0.100	0.0199	mg/L		12/21/24 09:51	12/24/24 03:50	1
Barium	ND		0.0100	0.00111	mg/L		12/21/24 09:51	12/24/24 03:50	1
Cadmium	ND		0.0100	0.000620	mg/L		12/21/24 09:51	12/24/24 03:50	1
Chromium	ND		0.0500	0.00296	mg/L		12/21/24 09:51	12/24/24 03:50	1
Lead	ND		0.0500	0.00527	mg/L		12/21/24 09:51	12/24/24 03:50	1
Selenium	ND		0.0500	0.0162	mg/L		12/21/24 09:51	12/24/24 03:50	1
Silver	ND		0.0100	0.00259	mg/L		12/21/24 09:51	12/24/24 03:50	1

QC Sample Results

Client: Stantec Consulting Services Inc
Job ID: 570-211900-1
Project/Site: ExxonMobil Gladiola Station / 238000257

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

Lab Sample ID: LCS 570-516757/2-A
Client Sample ID: Lab Control Sample
Matrix: Water
Prep Type: Total Recoverable
Analysis Batch: 517717
Prep Batch: 516757

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Arsenic			0.500	0.4658		mg/L		93	80 - 120		
Barium			0.500	0.4673		mg/L		93	80 - 120		
Cadmium			0.500	0.4718		mg/L		94	80 - 120		
Chromium			0.500	0.4790		mg/L		96	80 - 120		
Lead			0.500	0.4734		mg/L		95	80 - 120		
Selenium			0.500	0.4590		mg/L		92	80 - 120		
Silver			0.250	0.2317		mg/L		93	80 - 120		

Lab Sample ID: LCSD 570-516757/3-A
Client Sample ID: Lab Control Sample Dup
Matrix: Water
Prep Type: Total Recoverable
Analysis Batch: 517717
Prep Batch: 516757

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Arsenic			0.500	0.4516		mg/L		90	80 - 120	3	20
Barium			0.500	0.4527		mg/L		91	80 - 120	3	20
Cadmium			0.500	0.4559		mg/L		91	80 - 120	3	20
Chromium			0.500	0.4648		mg/L		93	80 - 120	3	20
Lead			0.500	0.4608		mg/L		92	80 - 120	3	20
Selenium			0.500	0.4487		mg/L		90	80 - 120	2	20
Silver			0.250	0.2241		mg/L		90	80 - 120	3	20

Lab Sample ID: 570-212050-A-1-B MS
Client Sample ID: Matrix Spike
Matrix: Water
Prep Type: Total Recoverable
Analysis Batch: 517717
Prep Batch: 516757

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Arsenic	ND		0.500	0.4672		mg/L		93	80 - 140		
Barium	0.0159		0.500	0.4618		mg/L		89	87 - 123		
Cadmium	ND		0.500	0.4493		mg/L		90	82 - 124		
Chromium	ND		0.500	0.4658		mg/L		93	86 - 122		
Lead	ND		0.500	0.4525		mg/L		91	84 - 120		
Selenium	ND		0.500	0.4618		mg/L		92	79 - 127		
Silver	ND		0.250	0.2301		mg/L		92	86 - 128		

Lab Sample ID: 570-212050-A-1-C MSD
Client Sample ID: Matrix Spike Duplicate
Matrix: Water
Prep Type: Total Recoverable
Analysis Batch: 517717
Prep Batch: 516757

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Arsenic	ND		0.500	0.4960		mg/L		99	80 - 140	6	11
Barium	0.0159		0.500	0.4780		mg/L		92	87 - 123	3	6
Cadmium	ND		0.500	0.4677		mg/L		94	82 - 124	4	7
Chromium	ND		0.500	0.4841		mg/L		97	86 - 122	4	8
Lead	ND		0.500	0.4694		mg/L		94	84 - 120	4	7
Selenium	ND		0.500	0.4725		mg/L		95	79 - 127	2	9
Silver	ND		0.250	0.2383		mg/L		95	86 - 128	4	7

QC Sample Results

Client: Stantec Consulting Services Inc
Job ID: 570-211900-1
Project/Site: ExxonMobil Gladiola Station / 238000257

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

Lab Sample ID: MB 570-517030/1-A
Matrix: Water
Analysis Batch: 517713

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 517030

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		0.100	0.0199	mg/L		12/23/24 07:27	12/23/24 23:09	1
Barium	ND		0.0100	0.00111	mg/L		12/23/24 07:27	12/23/24 23:09	1
Cadmium	ND		0.0100	0.000620	mg/L		12/23/24 07:27	12/23/24 23:09	1
Chromium	ND		0.0500	0.00296	mg/L		12/23/24 07:27	12/23/24 23:09	1
Lead	ND		0.0500	0.00527	mg/L		12/23/24 07:27	12/23/24 23:09	1
Selenium	ND		0.0500	0.0162	mg/L		12/23/24 07:27	12/23/24 23:09	1
Silver	ND		0.0100	0.00259	mg/L		12/23/24 07:27	12/23/24 23:09	1

Lab Sample ID: LCS 570-517030/2-A
Matrix: Water
Analysis Batch: 517713

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 517030

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Arsenic	0.500	0.4691		mg/L		94	80 - 120
Barium	0.500	0.4721		mg/L		94	80 - 120
Cadmium	0.500	0.4737		mg/L		95	80 - 120
Chromium	0.500	0.4828		mg/L		97	80 - 120
Lead	0.500	0.4787		mg/L		96	80 - 120
Selenium	0.500	0.4594		mg/L		92	80 - 120
Silver	0.250	0.2358		mg/L		94	80 - 120

Lab Sample ID: LCSD 570-517030/3-A
Matrix: Water
Analysis Batch: 517713

Client Sample ID: Lab Control Sample Dup
Prep Type: Total Recoverable
Prep Batch: 517030

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Arsenic	0.500	0.4790		mg/L		96	80 - 120	2	20
Barium	0.500	0.4859		mg/L		97	80 - 120	3	20
Cadmium	0.500	0.4885		mg/L		98	80 - 120	3	20
Chromium	0.500	0.4984		mg/L		100	80 - 120	3	20
Lead	0.500	0.4926		mg/L		99	80 - 120	3	20
Selenium	0.500	0.4702		mg/L		94	80 - 120	2	20
Silver	0.250	0.2431		mg/L		97	80 - 120	3	20

Lab Sample ID: 570-212111-I-1-B MS
Matrix: Water
Analysis Batch: 517713

Client Sample ID: Matrix Spike
Prep Type: Total Recoverable
Prep Batch: 517030

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Arsenic	ND		0.500	0.4883		mg/L		98	80 - 140
Barium	0.0684		0.500	0.5423		mg/L		95	87 - 123
Cadmium	ND		0.500	0.4650		mg/L		93	82 - 124
Chromium	0.0112	J	0.500	0.4956		mg/L		97	86 - 122
Lead	ND		0.500	0.4719		mg/L		94	84 - 120
Selenium	ND		0.500	0.4739		mg/L		95	79 - 127
Silver	ND		0.250	0.2401		mg/L		96	86 - 128

QC Sample Results

Client: Stantec Consulting Services Inc
Job ID: 570-211900-1
Project/Site: ExxonMobil Gladiola Station / 238000257

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

Lab Sample ID: 570-212111-I-1-C MSD
Matrix: Water
Analysis Batch: 517713

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total Recoverable
Prep Batch: 517030

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Arsenic	ND		0.500	0.4875		mg/L		98	80 - 140	0	11
Barium	0.0684		0.500	0.5393		mg/L		94	87 - 123	1	6
Cadmium	ND		0.500	0.4649		mg/L		93	82 - 124	0	7
Chromium	0.0112	J	0.500	0.4916		mg/L		96	86 - 122	1	8
Lead	ND		0.500	0.4668		mg/L		93	84 - 120	1	7
Selenium	ND		0.500	0.4737		mg/L		95	79 - 127	0	9
Silver	ND		0.250	0.2389		mg/L		96	86 - 128	1	7

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

Lab Sample ID: MB 570-517876/1
Matrix: Water
Analysis Batch: 517876

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	8.35	mg/L			12/26/24 15:26	1

Lab Sample ID: LCS 570-517876/2
Matrix: Water
Analysis Batch: 517876

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	972.0		mg/L		97	84 - 108		

Lab Sample ID: LCSD 570-517876/3
Matrix: Water
Analysis Batch: 517876

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	1020		mg/L		102	84 - 108	5	10

Lab Sample ID: 570-212032-F-1 DU
Matrix: Water
Analysis Batch: 517876

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	214			208.0		mg/L				7	10

Lab Sample ID: 570-212038-D-3 DU
Matrix: Water
Analysis Batch: 517876

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	624			623.0		mg/L				0.2	10

QC Association Summary

Client: Stantec Consulting Services Inc Job ID: 570-211900-1
Project/Site: ExxonMobil Gladiola Station / 238000257

GC/MS VOA

Analysis Batch: 518457

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-211900-1	MW-3	Total/NA	Water	8260B	
570-211900-2	MW-6	Total/NA	Water	8260B	
570-211900-3	Trip Blank	Total/NA	Water	8260B	
570-211900-4	MW-17	Total/NA	Water	8260B	
570-211900-5	MW-27	Total/NA	Water	8260B	
570-211900-6	MW-28	Total/NA	Water	8260B	
MB 570-518457/5	Method Blank	Total/NA	Water	8260B	
LCS 570-518457/1002	Lab Control Sample	Total/NA	Water	8260B	
LCSD 570-518457/3	Lab Control Sample Dup	Total/NA	Water	8260B	

Analysis Batch: 518667

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-211900-5 - RA	MW-27	Total/NA	Water	8260B	
MB 570-518667/6	Method Blank	Total/NA	Water	8260B	
LCS 570-518667/1003	Lab Control Sample	Total/NA	Water	8260B	
LCSD 570-518667/4	Lab Control Sample Dup	Total/NA	Water	8260B	

GC/MS Semi VOA

Prep Batch: 516627

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-211900-1	MW-3	Total/NA	Water	3510C	
570-211900-2	MW-6	Total/NA	Water	3510C	
570-211900-4	MW-17	Total/NA	Water	3510C	
570-211900-5	MW-27	Total/NA	Water	3510C	
570-211900-6	MW-28	Total/NA	Water	3510C	
MB 570-516627/1-A	Method Blank	Total/NA	Water	3510C	
LCS 570-516627/2-A	Lab Control Sample	Total/NA	Water	3510C	
LCSD 570-516627/3-A	Lab Control Sample Dup	Total/NA	Water	3510C	

Analysis Batch: 517641

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 570-516627/1-A	Method Blank	Total/NA	Water	8270C SIM	516627
LCS 570-516627/2-A	Lab Control Sample	Total/NA	Water	8270C SIM	516627
LCSD 570-516627/3-A	Lab Control Sample Dup	Total/NA	Water	8270C SIM	516627

Analysis Batch: 518578

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-211900-1	MW-3	Total/NA	Water	8270C SIM	516627
570-211900-2	MW-6	Total/NA	Water	8270C SIM	516627
570-211900-4	MW-17	Total/NA	Water	8270C SIM	516627
570-211900-5	MW-27	Total/NA	Water	8270C SIM	516627
570-211900-6	MW-28	Total/NA	Water	8270C SIM	516627

HPLC/IC

Analysis Batch: 520144

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-211900-1	MW-3	Total/NA	Water	300.0	
570-211900-2	MW-6	Total/NA	Water	300.0	
570-211900-4	MW-17	Total/NA	Water	300.0	
570-211900-5	MW-27	Total/NA	Water	300.0	

QC Association Summary

Client: Stantec Consulting Services Inc Job ID: 570-211900-1
Project/Site: ExxonMobil Gladiola Station / 238000257

HPLC/IC (Continued)

Analysis Batch: 520144 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-211900-6	MW-28	Total/NA	Water	300.0	
MB 570-520144/5	Method Blank	Total/NA	Water	300.0	
LCS 570-520144/6	Lab Control Sample	Total/NA	Water	300.0	
LCSD 570-520144/7	Lab Control Sample Dup	Total/NA	Water	300.0	
570-211900-4 MS	MW-17	Total/NA	Water	300.0	
570-211900-4 MSD	MW-17	Total/NA	Water	300.0	

Metals

Prep Batch: 516757

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-211900-2	MW-6	Total Recoverable	Water	3005A	
570-211900-5	MW-27	Total Recoverable	Water	3005A	
570-211900-6	MW-28	Total Recoverable	Water	3005A	
MB 570-516757/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 570-516757/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
LCSD 570-516757/3-A	Lab Control Sample Dup	Total Recoverable	Water	3005A	
570-212050-A-1-B MS	Matrix Spike	Total Recoverable	Water	3005A	
570-212050-A-1-C MSD	Matrix Spike Duplicate	Total Recoverable	Water	3005A	

Prep Batch: 517030

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-211900-1	MW-3	Total Recoverable	Water	3005A	
570-211900-4	MW-17	Total Recoverable	Water	3005A	
MB 570-517030/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 570-517030/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
LCSD 570-517030/3-A	Lab Control Sample Dup	Total Recoverable	Water	3005A	
570-212111-I-1-B MS	Matrix Spike	Total Recoverable	Water	3005A	
570-212111-I-1-C MSD	Matrix Spike Duplicate	Total Recoverable	Water	3005A	

Analysis Batch: 517713

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-211900-1	MW-3	Total Recoverable	Water	6010B	517030
570-211900-4	MW-17	Total Recoverable	Water	6010B	517030
MB 570-517030/1-A	Method Blank	Total Recoverable	Water	6010B	517030
LCS 570-517030/2-A	Lab Control Sample	Total Recoverable	Water	6010B	517030
LCSD 570-517030/3-A	Lab Control Sample Dup	Total Recoverable	Water	6010B	517030
570-212111-I-1-B MS	Matrix Spike	Total Recoverable	Water	6010B	517030
570-212111-I-1-C MSD	Matrix Spike Duplicate	Total Recoverable	Water	6010B	517030

Analysis Batch: 517717

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-211900-2	MW-6	Total Recoverable	Water	6010B	516757
570-211900-5	MW-27	Total Recoverable	Water	6010B	516757
570-211900-6	MW-28	Total Recoverable	Water	6010B	516757
MB 570-516757/1-A	Method Blank	Total Recoverable	Water	6010B	516757
LCS 570-516757/2-A	Lab Control Sample	Total Recoverable	Water	6010B	516757
LCSD 570-516757/3-A	Lab Control Sample Dup	Total Recoverable	Water	6010B	516757
570-212050-A-1-B MS	Matrix Spike	Total Recoverable	Water	6010B	516757
570-212050-A-1-C MSD	Matrix Spike Duplicate	Total Recoverable	Water	6010B	516757

QC Association Summary

Client: Stantec Consulting Services Inc Job ID: 570-211900-1
Project/Site: ExxonMobil Gladiola Station / 238000257

Metals

Prep Batch: 518036

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-211900-1	MW-3	Total/NA	Water	245.1	
570-211900-2	MW-6	Total/NA	Water	245.1	
570-211900-4	MW-17	Total/NA	Water	245.1	
570-211900-5	MW-27	Total/NA	Water	245.1	
570-211900-6	MW-28	Total/NA	Water	245.1	
MB 570-518036/1-A	Method Blank	Total/NA	Water	245.1	
LCS 570-518036/2-A	Lab Control Sample	Total/NA	Water	245.1	
LCSD 570-518036/3-A	Lab Control Sample Dup	Total/NA	Water	245.1	
570-212032-G-1-C MS	Matrix Spike	Total/NA	Water	245.1	
570-212032-G-1-D MSD	Matrix Spike Duplicate	Total/NA	Water	245.1	

Analysis Batch: 518320

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-211900-1	MW-3	Total/NA	Water	245.1	518036
570-211900-2	MW-6	Total/NA	Water	245.1	518036
570-211900-4	MW-17	Total/NA	Water	245.1	518036
570-211900-5	MW-27	Total/NA	Water	245.1	518036
570-211900-6	MW-28	Total/NA	Water	245.1	518036
MB 570-518036/1-A	Method Blank	Total/NA	Water	245.1	518036
LCS 570-518036/2-A	Lab Control Sample	Total/NA	Water	245.1	518036
LCSD 570-518036/3-A	Lab Control Sample Dup	Total/NA	Water	245.1	518036
570-212032-G-1-C MS	Matrix Spike	Total/NA	Water	245.1	518036
570-212032-G-1-D MSD	Matrix Spike Duplicate	Total/NA	Water	245.1	518036

General Chemistry

Analysis Batch: 517876

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-211900-1	MW-3	Total/NA	Water	SM 2540C	
570-211900-2	MW-6	Total/NA	Water	SM 2540C	
570-211900-4	MW-17	Total/NA	Water	SM 2540C	
570-211900-5	MW-27	Total/NA	Water	SM 2540C	
570-211900-6	MW-28	Total/NA	Water	SM 2540C	
MB 570-517876/1	Method Blank	Total/NA	Water	SM 2540C	
LCS 570-517876/2	Lab Control Sample	Total/NA	Water	SM 2540C	
LCSD 570-517876/3	Lab Control Sample Dup	Total/NA	Water	SM 2540C	
570-212032-F-1 DU	Duplicate	Total/NA	Water	SM 2540C	
570-212038-D-3 DU	Duplicate	Total/NA	Water	SM 2540C	

Lab Chronicle

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

Job ID: 570-211900-1

Client Sample ID: MW-3

Date Collected: 12/19/24 11:15
Date Received: 12/20/24 10:00

Lab Sample ID: 570-211900-1
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		10	20 mL	20 mL	518457	12/28/24 14:46	KHF2	EET CAL 4
	Instrument ID: GCMSVV									
Total/NA	Prep	3510C			1010.5 mL	2 mL	516627	12/20/24 19:26	UD4J	EET CAL 4
Total/NA	Analysis	8270C SIM		1	1 mL	1 mL	518578	12/29/24 07:49	PQS1	EET CAL 4
	Instrument ID: GCMSMM									
Total/NA	Analysis	300.0		10	4 mL	4 mL	520144	01/04/25 07:53	UIP1	EET CAL 4
	Instrument ID: IC10									
Total/NA	Prep	245.1			25 mL	50 mL	518036	12/27/24 02:17	VCN7	EET CAL 4
Total/NA	Analysis	245.1		1			518320	12/27/24 10:33	Y2WS	EET CAL 4
	Instrument ID: HG7									
Total Recoverable	Prep	3005A			50 mL	50 mL	517030	12/23/24 07:27	JP8N	EET CAL 4
Total Recoverable	Analysis	6010B		1			517713	12/23/24 23:44	VZ0K	EET CAL 4
	Instrument ID: ICP11									
Total/NA	Analysis	SM 2540C		1	100 mL	100 mL	517876	12/26/24 15:26	PK4M	EET CAL 4
	Instrument ID: BAL100									

Client Sample ID: MW-6

Date Collected: 12/19/24 11:45
Date Received: 12/20/24 10:00

Lab Sample ID: 570-211900-2
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	518457	12/28/24 15:10	KHF2	EET CAL 4
	Instrument ID: GCMSVV									
Total/NA	Prep	3510C			1028 mL	2 mL	516627	12/20/24 19:26	UD4J	EET CAL 4
Total/NA	Analysis	8270C SIM		1	1 mL	1 mL	518578	12/29/24 08:12	PQS1	EET CAL 4
	Instrument ID: GCMSMM									
Total/NA	Analysis	300.0		1	4 mL	4 mL	520144	01/04/25 09:17	UIP1	EET CAL 4
	Instrument ID: IC10									
Total/NA	Prep	245.1			25 mL	50 mL	518036	12/27/24 02:17	VCN7	EET CAL 4
Total/NA	Analysis	245.1		1			518320	12/27/24 10:37	Y2WS	EET CAL 4
	Instrument ID: HG7									
Total Recoverable	Prep	3005A			50 mL	50 mL	516757	12/21/24 09:51	JP8N	EET CAL 4
Total Recoverable	Analysis	6010B		1			517717	12/24/24 04:35	VZ0K	EET CAL 4
	Instrument ID: ICP11									
Total/NA	Analysis	SM 2540C		1	100 mL	100 mL	517876	12/26/24 15:26	PK4M	EET CAL 4
	Instrument ID: BAL100									

Client Sample ID: Trip Blank

Date Collected: 12/19/24 08:35
Date Received: 12/20/24 10:00

Lab Sample ID: 570-211900-3
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	518457	12/28/24 14:22	KHF2	EET CAL 4
	Instrument ID: GCMSVV									

Lab Chronicle

Client: Stantec Consulting Services Inc
Job ID: 570-211900-1
Project/Site: ExxonMobil Gladiola Station / 238000257

Client Sample ID: MW-17
Lab Sample ID: 570-211900-4
Date Collected: 12/19/24 10:20
Matrix: Water
Date Received: 12/20/24 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		10	20 mL	20 mL	518457	12/28/24 15:35	KHF2	EET CAL 4
	Instrument ID: GCMSVV									
Total/NA	Prep	3510C			990.8 mL	2 mL	516627	12/20/24 19:26	UD4J	EET CAL 4
Total/NA	Analysis	8270C SIM		1	1 mL	1 mL	518578	12/29/24 08:35	PQS1	EET CAL 4
	Instrument ID: GCMSMM									
Total/NA	Analysis	300.0		1	4 mL	4 mL	520144	01/04/25 11:15	UIP1	EET CAL 4
	Instrument ID: IC10									
Total/NA	Prep	245.1			25 mL	50 mL	518036	12/27/24 02:17	VCN7	EET CAL 4
Total/NA	Analysis	245.1		1			518320	12/27/24 10:39	Y2WS	EET CAL 4
	Instrument ID: HG7									
Total Recoverable	Prep	3005A			50 mL	50 mL	517030	12/23/24 07:27	JP8N	EET CAL 4
Total Recoverable	Analysis	6010B		1			517713	12/23/24 23:46	VZ0K	EET CAL 4
	Instrument ID: ICP11									
Total/NA	Analysis	SM 2540C		1	100 mL	100 mL	517876	12/26/24 15:26	PK4M	EET CAL 4
	Instrument ID: BAL100									

Client Sample ID: MW-27
Lab Sample ID: 570-211900-5
Date Collected: 12/19/24 08:35
Matrix: Water
Date Received: 12/20/24 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	RA	1	20 mL	20 mL	518667	12/30/24 16:40	PT	EET CAL 4
	Instrument ID: GCMSRR									
Total/NA	Analysis	8260B		1	20 mL	20 mL	518457	12/28/24 15:59	KHF2	EET CAL 4
	Instrument ID: GCMSVV									
Total/NA	Prep	3510C			1009.1 mL	2 mL	516627	12/20/24 19:26	UD4J	EET CAL 4
Total/NA	Analysis	8270C SIM		1	1 mL	1 mL	518578	12/29/24 08:57	PQS1	EET CAL 4
	Instrument ID: GCMSMM									
Total/NA	Analysis	300.0		10	4 mL	4 mL	520144	01/04/25 08:44	UIP1	EET CAL 4
	Instrument ID: IC10									
Total/NA	Prep	245.1			25 mL	50 mL	518036	12/27/24 02:17	VCN7	EET CAL 4
Total/NA	Analysis	245.1		1			518320	12/27/24 10:41	Y2WS	EET CAL 4
	Instrument ID: HG7									
Total Recoverable	Prep	3005A			50 mL	50 mL	516757	12/21/24 09:51	JP8N	EET CAL 4
Total Recoverable	Analysis	6010B		1			517717	12/24/24 04:38	VZ0K	EET CAL 4
	Instrument ID: ICP11									
Total/NA	Analysis	SM 2540C		1	100 mL	100 mL	517876	12/26/24 15:26	PK4M	EET CAL 4
	Instrument ID: BAL100									

Lab Chronicle

Client: Stantec Consulting Services Inc
Job ID: 570-211900-1
Project/Site: ExxonMobil Gladiola Station / 238000257

Client Sample ID: MW-28
Lab Sample ID: 570-211900-6

Date Collected: 12/19/24 09:10
Matrix: Water

Date Received: 12/20/24 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	518457	12/28/24 16:23	KHF2	EET CAL 4
	Instrument ID: GCMSVV									
Total/NA	Prep	3510C			990.2 mL	2 mL	516627	12/20/24 19:26	UD4J	EET CAL 4
Total/NA	Analysis	8270C SIM		1	1 mL	1 mL	518578	12/29/24 09:20	PQS1	EET CAL 4
	Instrument ID: GCMSMM									
Total/NA	Analysis	300.0		10	4 mL	4 mL	520144	01/04/25 09:01	UIP1	EET CAL 4
	Instrument ID: IC10									
Total/NA	Prep	245.1			25 mL	50 mL	518036	12/27/24 02:17	VCN7	EET CAL 4
Total/NA	Analysis	245.1		1			518320	12/27/24 10:42	Y2WS	EET CAL 4
	Instrument ID: HG7									
Total Recoverable	Prep	3005A			50 mL	50 mL	516757	12/21/24 09:51	JP8N	EET CAL 4
Total Recoverable	Analysis	6010B		1			517717	12/24/24 04:45	VZ0K	EET CAL 4
	Instrument ID: ICP11									
Total/NA	Analysis	SM 2540C		1	100 mL	100 mL	517876	12/26/24 15:26	PK4M	EET CAL 4
	Instrument ID: BAL100									

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 Job ID: 570-211900-1
Project/Site: ExxonMobil Gladiola Station / 238000257

Laboratory: Eurofins Calscience

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

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

Method Summary

Client: Stantec Consulting Services Inc
Job ID: 570-211900-1
Project/Site: ExxonMobil Gladiola Station / 238000257

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
300.0	Anions, Ion Chromatography	EPA	EET CAL 4
245.1	Mercury (CVAA)	EPA	EET CAL 4
6010B	Metals (ICP)	SW846	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

570-211900 Chain of Custody

211900

eurofins

2841 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

ExxonMobil Engr: Chris Bear

CHAIN OF CUSTODY RECORD

DATE:
PAGE: 1 OF 4

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

LAB USE ONLY	SAMPLE ID	Field Point Name	SAMPLING DATE	SAMPLING TIME	MATRIX	NO. OF CONT.	EPA 8260B LL VOCs only	EPA 8270C SIM PAHs	EPA 6010B As, Ba, Cd, Cr, Pb, Se and Ag + EPA 245.1 Hg	SM 4500-Cl C Chloride	SM 2540C Total Dissolved Solids	CONTAINER TYPE
1	MW-1	--			W	8	X	X	X	X	X	3 vials with HCL, 2-1L Amber Glass, 250mL Plastic with HNO3, 2-250ml Plastic
2	MW-2	--			W	8	X	X	X	X	X	3 vials with HCL, 2-1L Amber Glass, 250mL Plastic with HNO3, 2-250ml Plastic
1	3	MW-3	--	12-19-24	11:15	W	8	X	X	X	X	X
4	MW-4	--			W	8	X	X	X	X	X	3 vials with HCL, 2-1L Amber Glass, 250mL Plastic with HNO3, 2-250ml Plastic
5	MW-5	--			W	8	X	X	X	X	X	3 vials with HCL, 2-1L Amber Glass, 250mL Plastic with HNO3, 2-250ml Plastic
2	6	MW-6	--	12-19-24	11:45	W	8	X	X	X	X	X
7	MW-7	--			W	8	X	X	X	X	X	3 vials with HCL, 2-1L Amber Glass, 250mL Plastic with HNO3, 2-250ml Plastic
8	MW-8	--			W	8	X	X	X	X	X	3 vials with HCL, 2-1L 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	--			W	8	X	X	X	X	X	3 vials with HCL, 2-1L Amber Glass, 250mL Plastic with HNO3, 2-250ml Plastic
11	MW-12	--			W	8	X	X	X	X	X	3 vials with HCL, 2-1L Amber Glass, 250mL Plastic with HNO3, 2-250ml Plastic
3	12	Trip Blank	--	12-19-24	8:35	W	2	X				

Relinquished by: (Signature) Mark Loch	Received by: (Signature) Fedex	Date & Time 12-19-24 15:30
Relinquished by: (Signature) Fedex	Received by: (Signature)	Date & Time 12/20/24 1000
Relinquished by: (Signature)	Received by: (Signature)	Date & Time

VOF2

:5/1.2 SC12

eurofins 5841 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

ExxonMobil Engr: Chris Bear

CHAIN OF CUSTODY RECORD

DATE:

PAGE: 2 OF 4

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 ☐ 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

LAB USE ONLY	SAMPLE ID	Field Point Name	SAMPLING DATE	SAMPLING TIME	MAT-RIX	NO. OF CONT.	EPA 8260B LL VOCs only	EPA 8270C SIM PAHs	EPA 6010B As, Ba, Cd, Cr, Pb, Se and Ag + EPA 245.1 Hg	SM 4500-Cl C Chloride	SM 2540C Total Dissolved Solids	CONTAINER TYPE	
1	~~MW-13~~	--			W	8	X	X	X	X	X	3 vials with HCL, 2-1L Amber Glass, 250mL Plastic with HNO3, 2-250mL Plastic	LNAPL
2	MW-14	--			W	8	X	X	X	X	X	3 vials with HCL, 2-1L Amber Glass, 250mL Plastic with HNO3, 2-250mL Plastic	LNAPL
3	~~MW-15~~	--			W	8	X	X	X	X	X	3 vials with HCL, 2-1L Amber Glass, 250mL Plastic with HNO3, 2-250mL Plastic	LNAPL
4	~~MW-16~~	--			W	8	X	X	X	X	X	3 vials with HCL, 2-1L Amber Glass, 250mL Plastic with HNO3, 2-250mL Plastic	LNAPL
4 5	MW-17	--	12-19-24	10:20	W	8	X	X	X	X	X	3 vials with HCL, 2-1L Amber Glass, 250mL Plastic with HNO3, 2-250mL Plastic	
6	~~MW-18~~	--			W	8	X	X	X	X	X	3 vials with HCL, 2-1L Amber Glass, 250mL Plastic with HNO3, 2-250mL Plastic	LNAPL
7	~~MW-19~~	--			W	8	X	X	X	X	X	3 vials with HCL, 2-1L Amber Glass, 250mL Plastic with HNO3, 2-250mL Plastic	LNAPL
8	~~MW-20~~	--			W	8	X	X	X	X	X	3 vials with HCL, 2-1L Amber Glass, 250mL Plastic with HNO3, 2-250mL Plastic	LNAPL
9	~~MW-21~~	--			W	8	X	X	X	X	X	3 vials with HCL, 2-1L Amber Glass, 250mL Plastic with HNO3, 2-250mL Plastic	LNAPL
10	~~MW-22~~	--			W	8	X	X	X	X	X	3 vials with HCL, 2-1L Amber Glass, 250mL Plastic with HNO3, 2-250mL Plastic	
11	~~MW-23~~	--			W	8	X	X	X	X	X	3 vials with HCL, 2-1L Amber Glass, 250mL Plastic with HNO3, 2-250mL Plastic	LNAPL
12	Trip Blank				W	2	X						

Relinquished by: (Signature) Matt Zahn	Received by: (Signature) Fedex	Date, & Time: 12-19-24 1630
Relinquished by: (Signature) Fedex	Received by: (Signature)	Date, & Time: 12/20/24 1000
Relinquished by: (Signature)	Received by: (Signature)	Date, & Time:

eurofins | Calscience

2841 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	
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Major Project (AFE)	
Project Name	ExxonMobil Gladiola Station / 238000257

ExxonMobil Engr: Chris Bear

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GLOBAL ID # COELT LOG CODE:

EMES Sub Agreement #A2604415

PROJECT CONTACT: James Anderson
SAMPLER(S):

LAB USE ONLY

COOLER RECEIPT: Temp = _____ °C

TURNAROUND TIME: ☐ SAM ☐ 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

LAB USE ONLY	SAMPLE ID	Field Point Name	SAMPLING DATE	SAMPLING TIME	MATRIX	NO. OF CONT.	EPA 8260B LL VOCs only	EPA 8270C SIM PAHs	EPA 6010B As, Ba, Cd, Cr, Pb, Se and Ag + EPA 245.1 Hg	SM 4500-Cl C Chloride	SM 2540C Total Dissolved Solids	CONTAINER TYPE	
1	~~MW-24~~	--			W	8	X	X	X	X	X	3 vials with HCL, 2-1L Amber Glass, 250mL Plastic with HNO3, 2-250mL Plastic	LNAPL
2	~~MW-25~~	--			W	8	X	X	X	X	X	3 vials with HCL, 2-1L Amber Glass, 250mL Plastic with HNO3, 2-250mL Plastic	LNAPL
3	~~MW-26~~	--			W	8	X	X	X	X	X	3 vials with HCL, 2-1L Amber Glass, 250mL Plastic with HNO3, 2-250mL Plastic	
4	MW-27	--	12-19-24	8:35	W	8	X	X	X	X	X	3 vials with HCL, 2-1L Amber Glass, 250mL Plastic with HNO3, 2-250mL Plastic	
5	MW-28	--	↓	9:10	W	8	X	X	X	X	X	3 vials with HCL, 2-1L Amber Glass, 250mL Plastic with HNO3, 2-250mL Plastic	
6	~~MW-29~~	--			W	8	X	X	X	X	X	3 vials with HCL, 2-1L Amber Glass, 250mL Plastic with HNO3, 2-250mL Plastic	
7	~~MW-30~~	--			W	8	X	X	X	X	X	3 vials with HCL, 2-1L Amber Glass, 250mL Plastic with HNO3, 2-250mL Plastic	
8	~~MW-31~~	--			W	8	X	X	X	X	X	3 vials with HCL, 2-1L Amber Glass, 250mL Plastic with HNO3, 2-250mL Plastic	
9	~~MW-32~~	--			W	8	X	X	X	X	X	3 vials with HCL, 2-1L Amber Glass, 250mL Plastic with HNO3, 2-250mL Plastic	
10	~~MW-33~~	--			W	8	X	X	X	X	X	3 vials with HCL, 2-1L Amber Glass, 250mL Plastic with HNO3, 2-250mL Plastic	
11	~~MW-34~~	--			W	8	X	X	X	X	X	3 vials with HCL, 2-1L Amber Glass, 250mL Plastic with HNO3, 2-250mL Plastic	
12	Trip Blank		12-19-24	8:35	W	2	X						

Relinquished by: (Signature) Mark Yard Fed Ex	Received by: (Signature) Fedex	Date & Time: 12-20-24 15:30
Relinquished by: (Signature)	Received by: (Signature)	Date & Time: 12/20/24 1000
Relinquished by: (Signature)	Received by: (Signature)	Date & Time:

2.5/3.2 1.9/2.6 5 c 2

Login Sample Receipt Checklist

Client: Stantec Consulting Services Inc Job Number: 570-211900-1

Login Number: 211900 **List Source: Eurofins Calscience**
List Number: 1
Creator: Gonzalez, Juan

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	False	Refer to Job Narrative for details.
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	2. Page 1 of	3. Emergency Response Phone	4. Manifest Tracking Number
D0035	1	800-322-5085	026990533 JJK

GENERATOR

5. Generator's Name and Mailing Address
ExxonMobil Pipeline Company
c/o Stantec 4572 Telephone Rd #916
Ventura, CA 93003
Generator's Phone: ATTN: James Anderson 805-644-4157

Generator's Site Address (if different than mailing address)
Gladiola- Copeland Rd & Hwy 39
Tatum, NM 88267

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
Facility's Phone: 325-437-3093
U.S. EPA ID Number: TXR000084585

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit WL/Vol.	13. Waste Codes
	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/Offeror's Printed/Typed Name: Mark Lash on behalf of ExxonMobil Pipeline Co. — Signature: Mark Lash — Month 12 Day 21 Year 24

INT'L

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Darrin Wilkerson — Signature: Darrin Wilkerson — Month 12 Day 21 Year 24

Transporter 2 Printed/Typed Name — Signature — Month Day Year

DESIGNATED FACILITY

18. Discrepancy

18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

18b. Alternate Facility (or Generator) — 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.	2.	3.	4.
H132			

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: M Martinez — Month 12 Day 21 Year 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/ocd/contact-us

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

CONDITIONS

Operator:	OGRID:
EXXON MOBIL CORPORATION 22777 Springwoods Village Park Spring, TX 77389	7673
	Action Number: 481522
	Action Type: [UF-GWA] Ground Water Abatement (GROUND WATER ABATEMENT)

CONDITIONS

Created By	Condition	Condition Date
shanna.smith	Update tables to include Top of Casing	9/11/2025
shanna.smith	Transition from submitting annual monitoring and sampling reports to submitting quarterly monitoring and sampling reports.	9/11/2025
shanna.smith	All groundwater samples will be analyzed according to all constituents in 20.6.2.3103 NMAC Pursuant to 19.15.30.9.B(2) NMAC. Operators may request to reduce sampling constituents based upon future results.	9/11/2025
shanna.smith	Clarify 2024 Second Half AGWMR states monitor well MW-9 was installed in March 2024 but tables show it was installed 07/21/2006.	9/11/2025
shanna.smith	Pursuant to 19.15.30 NMAC and PER First Half 2024 Groundwater Monitoring conditions of approval, A Stage 2 Abatement Plan will be conducted and submitted as a report by December 2, 2025. The report must include locations of proposed additional monitor wells MW-33 through MW-39, drilling activities, and laboratory analysis of soil and groundwater samples. Soil samples will be sampled at a minimum pursuant to 19.15.29.11 NMAC for monitor wells MW-33 through MW-39. In the event that the release site is not fully delineated the report must also include the location of proposed additional delineation monitor wells and a schedule for additional delineation.	9/11/2025
shanna.smith	Per COA of First Half 2024 AGWMR a background study evaluating if metals, chloride and /or TDS in groundwater are COC's or consistent with naturally occurring conditions. Include data in the Stage 2 Abatement Plan by December 2, 2025.	9/11/2025