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Bellevue, WA, 98004

April 23, 2025
File: 203724087.Q251

Mr. Mike Warfel
Washington State Department of Ecology
Toxics Cleanup Program
Northwest Regional Office
P.O. Box 330316
Shoreline, Washington 98133-9716

Reference: Groundwater Monitoring Report – First Quarter 2025
Former Mobil Station 99KRK
804 Market Street
Kirkland, Washington
VCP No.: NW3352

Mr. Warfel:

At the request of ExxonMobil Environmental and Property Solutions, on behalf of ExxonMobil Oil Corporation (ExxonMobil), Stantec Consulting Services Inc. (Stantec) prepared this *Groundwater Monitoring Report – First Quarter 2025* presenting results of groundwater sampling conducted on March 10 through March 12, 2025, at the referenced site.

Please contact Mr. Ryan Pozzuto, Stantec Project Manager for this Site, at (206) 550-6681, or Mr. Jacob Aguirre, ExxonMobil Project Manager for this Site, at (823) 948-8947 with questions.

Regards,

Stantec

A handwritten signature in blue ink, appearing to read "Ryan Rains".

Ryan Rains
Environmental Scientist
Mobile: (425) 428 0799
ryan.rains@stantec.com

A handwritten signature in blue ink, appearing to read "Ryan Pozzuto".

Ryan Pozzuto
Program Manager
Mobile: (206) 550-6681
ryan.pozzuto@stantec.com

GROUNDWATER MONITORING REPORT – FIRST QUARTER 2025

Former Mobil Station 99KRRK

April 23, 2025

c. w/ attachment

Mr. J.T. Cooke, Houlihan Law (Email)

Mr. Mark Myers, Williams Kastner (Email)

Mr. Gerry Pigotti, Pigotti Properties Market, LLC (Email)

Mr. Jacob Aguirre, ExxonMobil Environmental and Property Solutions Company (Project File)



Acronyms and Abbreviations

AS	Air sparge
µg/L	Micrograms per liter
b	Sample was prepped or analyzed beyond the specified holding time
bgs	Below ground surface
BTEX	Benzene, toluene, ethylbenzene, and total xylenes
COND	Conductivity (millisiemens per centimeter)
cPAH	Carcinogenic polycyclic aromatic hydrocarbon
DO	Dissolved oxygen
DOW	Depth of well (feet below TOC)
DTW	Depth to water
Ecology	Washington State Department of Ecology
GWPTS	Groundwater pump and treat system
MDL	Method detection limit
MRL	Method reporting limit
msl	Mean sea level
MTCA	Model Toxics Control Act
NAPL	Non-aqueous phase liquid
NPDES	National Pollution Discharge Elimination System
P&T	Pump and treat
POTW	Publicly Owned Treatment Works
Stantec	Stantec Consulting Services Inc.
SVE	Soil vapor extraction
Temp	Temperature (degrees Celsius)
TOC	Top of casing
TPH	Total petroleum hydrocarbons
TPHd	Total petroleum hydrocarbons as diesel
TPHg	Total petroleum hydrocarbons as gasoline
TPHmo	Total petroleum hydrocarbons as motor oil
UST	Underground storage tank
VOC	Volatile organic compound



GROUNDWATER MONITORING REPORT – FIRST QUARTER 2025

Former Mobil Station 99KRR

April 23, 2025

SITE INFORMATION

Site No.: 99KRR Address: 804 Market Street
Kirkland, Washington
ExxonMobil Project Manager: Jacob Aguirre
Consultant/Contact Person: Stantec/Ryan Pozzuto
Primary Agency/Regulatory ID No.: Washington State Department of Ecology/VCP No: NW3352

WORK PERFORMED THIS QUARTER – FIRST 2025

- Monitored and sampled 8 monitoring wells using low-flow sampling methods.

WORK PROPOSED NEXT QUARTER – SECOND 2025

- Excavation and well destruction planning.

SUMMARY

Frequency of Sampling Events:	<u>Periodically</u>	(Quarterly, etc.)
Approximate Depth to Groundwater:	<u>2.25 to 7.03</u>	(Measured Feet)
Average Site Groundwater Gradient:	<u>West - Southwest</u>	(Direction)
	<u>0.180</u>	(Magnitude)
Maximum TPHg/TPHd/Benzene Concentrations:	<u>120 / 280 / 5.0</u>	(µg/L)
Measurable NAPL Detected:	<u>No</u>	(Yes - ID well(s)/No)
NAPL Recovered This Quarter:	<u>None</u>	(gallons)
Cumulative NAPL Recovered to Date:	<u>None</u>	(gallons)
Bulk Soil Removed This Quarter:	<u>0</u>	(pounds)
Cumulative Hydrocarbons Recovered to Date:	<u>0</u>	(pounds)
Water Wells or Surface Waters w/in 2,000 ft:	<u>Lake Washington</u>	
Radius and Respective Direction:	<u>1,200 ft West</u>	(Distance & Direction)
Current Remedial Action:	<u>Remedial excavation planning</u>	(SVE/AS/P&T, etc.)
Permits for Discharge:	<u>None</u>	(NPDES, POTW, etc.)

DISCUSSION

- Concentrations of dissolved hydrocarbons were less than the MTCA Method A Cleanup Levels in 7 of 8 wells sampled.
- Water generated during groundwater sampling was stored on the property in a Department of Transportation-approved 16-gallon steel drum.



ENCLOSURES

Plate 1	Site Location Map
Plate 2	Generalized Site Plan
Plate 3	Groundwater Sample Analysis Map – 03/10 – 03/12/25
Plate 4	Groundwater Elevation Contour Map – 03/10/25
Table 1	Well Construction Details
Table 2	Groundwater Analytical Results- TPH / BTEX / Lead – 03/10 – 03/12/25
Table 3	Cumulative Groundwater Analytical Results - TPH / BTEX / Lead
Table 4	Cumulative Groundwater Analytical Results – Additional VOCs
Table 5	Cumulative Groundwater Analytical Results – Carcinogenic PAHs
Appendix A	Field Protocol
Appendix B	Laboratory Analytical Report and Chain of Custody Documentation
Appendix C	Field Data Records

LIMITATIONS

This document entitled *Groundwater Monitoring Report – First Quarter 2025* was prepared by Stantec Consulting Services Inc. (Stantec) for the account of ExxonMobil Environmental and Property Solutions Company (Client). Any reliance on this document by any third party is strictly prohibited. The material in it reflects Stantec's professional judgment in light of the scope, schedule and other limitations stated in the document and in the contract between Stantec and the Client. The opinions in the document are based on conditions and information existing at the time the document was published and do not take into account any subsequent changes. In preparing the document, Stantec did not verify information supplied to it by others. Any use which a third party makes of this document is the responsibility of such third party. Such third party agrees that Stantec shall not be responsible for costs or damages of any kind, if any, suffered by it or any other third party as a result of decisions made or actions taken based on this document.

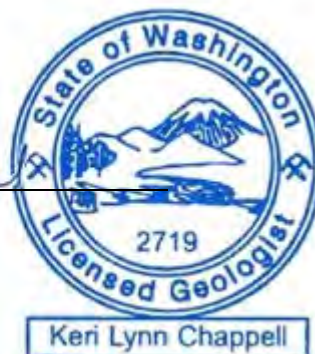
SIGNATURES**Stantec**

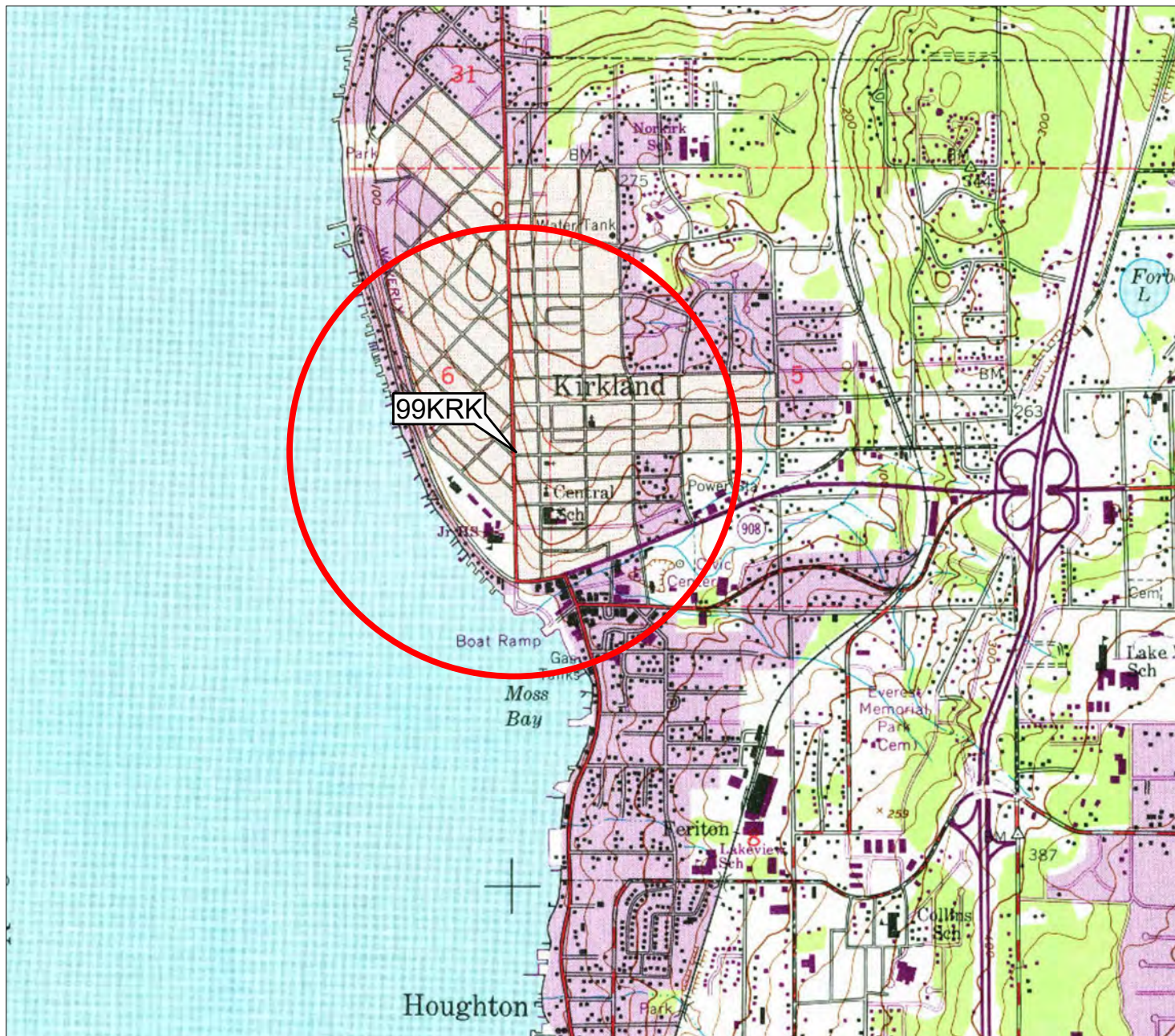
Ryan Rains
Environmental Scientist

(signature)

Keri L. Chappell
L.G. 2719

(signature)





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EXPLANATION

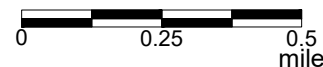


1/2-mile radius circle



SOURCE:
Modified from a map
provided by USGS

APPROXIMATE SCALE



SITE LOCATION MAP

FORMER MOBIL STATION 99KRK
804 Market Street
Kirkland, Washington

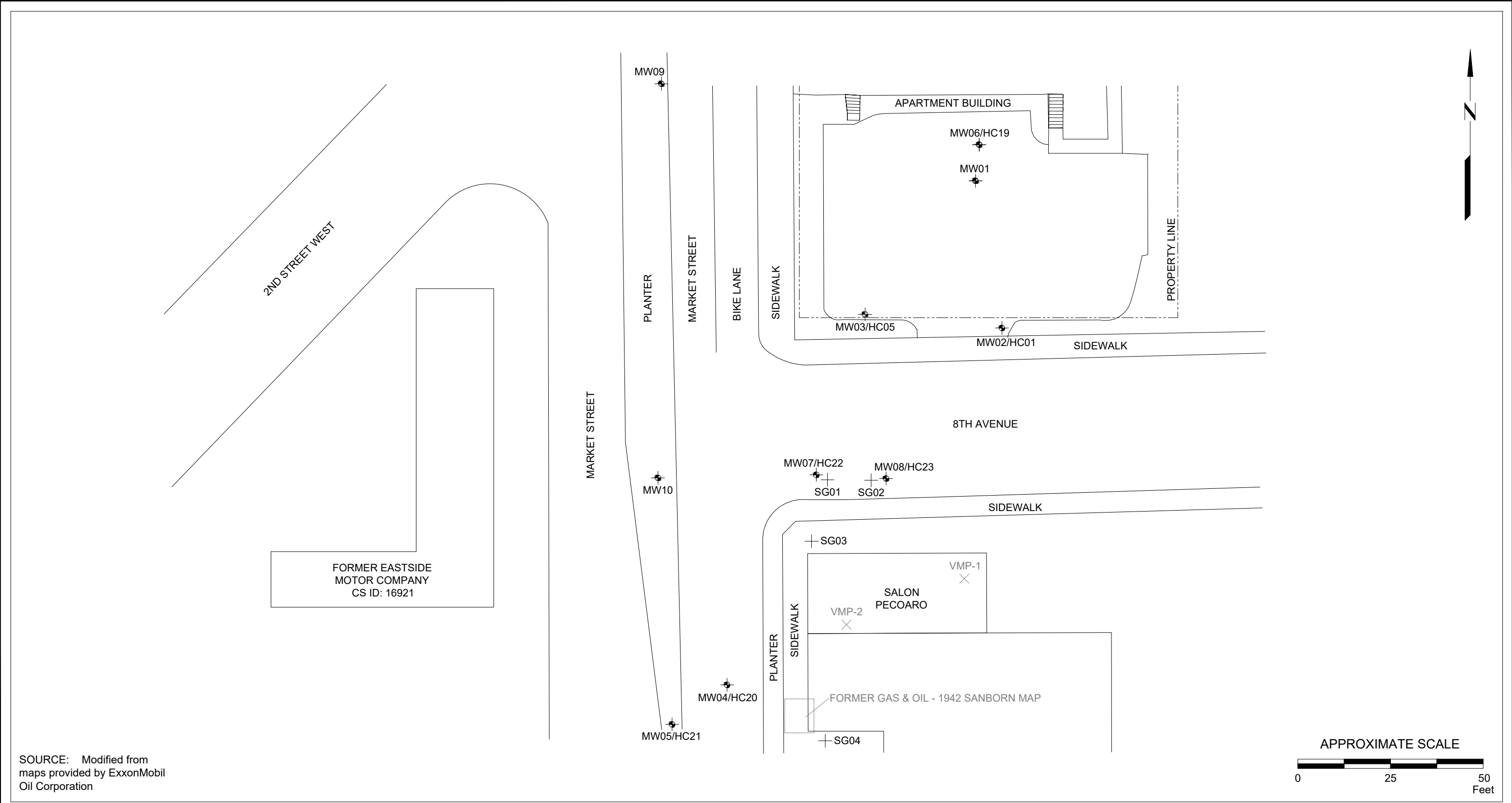
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PLATE

1

PEP: 03/10/25



SOURCE: Modified from
maps provided by ExxonMobil
Oil Corporation

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GENERALIZED SITE PLAN

FORMER MOBIL STATION 99KRK
804 Market Street
Kirkland, Washington

EXPLANATION

- MW10 Groundwater Monitoring Well
- SG04 Soil Vapor Sampling Well
- VMP-2 Historical Soil Vapor Sampling Pin

PROJECT NO.

203724087

PLATE

2

RTR: 04/15/25

LEGEND:

MTCA Method A Cleanup Levels (µg/L)

MW10	Well ID
MM/DD/YY	Sample Date
800/1,000 ^a	Total Petroleum Hydrocarbons as Gasoline
500	Total Petroleum Hydrocarbons as Diesel
500	Total Petroleum Hydrocarbons as Oil
5	Benzene
15	Dissolved Lead

-- = Not Analyzed or Sampled µg/L = Microgram per Liter
<1.0 = Less than the Stated Laboratory Reporting Limit NS = Not Sampled

- Laboratory Results and Well Symbols in Red Indicate Dissolved Hydrocarbon Concentrations Exceeding the MTCA Method A Cleanup Levels
- Laboratory Results and Well Symbols in Blue Indicate Dissolved Hydrocarbon Concentrations Less Than the MTCA Method A Cleanup Levels
- Laboratory Results Not Available for Numbers and Symbols in Black
- a = TPHg cleanup level for groundwater is 800 µg/L if benzene is present, or 1,000 µg/L if benzene is not present
- b = The sample chromatographic pattern does not resemble the fuel standard used for quantification
- c = The sample was prepped or analyzed beyond the specified holding time

MW10	
08/08/23	03/11/25
<100	<100
<93	<98
<93	<98
<0.50	<0.50
<1.00	<1.00

MW04			
03/28/16	06/09/16	08/08/23	03/10/25
400	410	--	--
480b	400b	--	--
<250	<250	--	--
20	18	--	--
<1	<1	--	--

MW05			
03/29/16	06/10/16	08/08/23	03/11/25
<100	<100	--	<100
140b	<50	--	<100
<250	<250	--	<100
<0.35	<0.35	--	<0.50
<5	<1	--	<1.00

MW09	
08/08/23	03/10/25
<100	--
<95	--
110	--
<0.50	--
<1.00	--

MW03			
03/29/16	06/10/16	08/08/23	03/12/25
16,000	8,600	7,500	120
590b	750b	1,800	<97
<300	<250	<93	<97
4,300	3,800	2,800	5.0
<1	<1	<1.00	<1.00

MW01			
03/29/16	06/09/16	08/08/23	03/12/25
<100	<100	<100	<100
630b	1,100b	730	210
300	980b	280	<97
<0.35	<0.35	<0.50	<0.50
<1	<1	<1.00	<1.00

MW06			
03/29/16	06/09/16	08/08/23	03/12/25
<100	<100	<100	<100
140b	150b	220	<100
<250	<250	130	<100
<0.35	<0.35	<0.50	<0.50
<5	<1	<1.00	<1.00

MW02			
03/29/16	06/10/16	08/08/23	03/11/25
<100	<100	<100	<100
100b	<50	260	<100
<250	<250	<92	<100
<0.35	<0.35	<0.50	<0.50
<1	<1	<1.00	<1.00

MW08			
03/28/16	06/09/16	08/08/23	03/10/25
<100	<100	--	<100
<50	<50	--	<100c
<250	<250	--	<100c
<0.35	0.47	--	<0.50
<1	<1	--	<1.00

MW07			
03/28/16	06/09/16	08/08/23	03/10/25
2,700	2,300	--	<100
3,400	3,300b	--	280c
<250	<250	--	<110c
7.4	2.3	--	0.52
<1	<1	--	<1.00

SOURCE: Modified from maps provided by ExxonMobil Oil Corporation

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GROUNDWATER SAMPLE ANALYSIS
MAP - 03/10 - 03/12/25
FORMER MOBIL STATION 99KRK
804 Market Street
Kirkland, Washington

EXPLANATION

- MW10 Groundwater Monitoring Well
- SG04 Soil Vapor Sampling Well
- VMP-2 Historical Soil Vapor Sampling Pin

PROJECT NO.

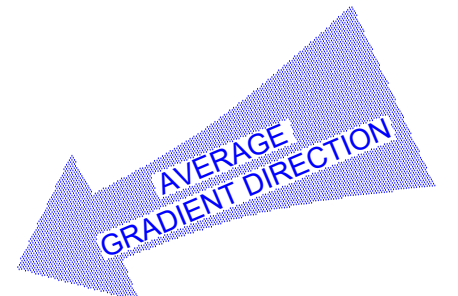
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PLATE

3

RTR: 04/23/25

- Laboratory Results and Well Symbols in Red Indicate Dissolved Hydrocarbon Concentrations Exceeding the MTCA Method A Cleanup Levels
- Laboratory Results and Well Symbols in Blue Indicate Dissolved Hydrocarbon Concentrations Less Than the MTCA Method A Cleanup Levels
- Laboratory Results Not Available for Numbers and Symbols in Black



APPROXIMATE SCALE

0 25 50 Feet



FORMER MOBIL STATION 99KRK
804 Market Street
Kirkland, Washington

MW10 Groundwater Monitoring Well
 SG04 Soil Vapor Sampling Well
 VMP-2 Historical Soil Vapor Sampling Pin
 NM Not Measured
 — Groundwater Elevation Contour Line

RTR: 04/18/25

TABLE 1
WELL CONSTRUCTION DETAILS

Former Mobil Station 99KRK
804 Market Street
Kirkland, Washington
Page 1 of 1

Well ID	Date of Installation	Wellhead Elevation (feet)	Screened Interval (feet bgs)	Total Well Depth (feet bgs)	Casing/ Borehole Diameter (inches)	Slot Size (inches)
MW01	07/16/15	136.52	4.61 - 14.61	14.81	4/2	0.010
MW02	07/13/15	134.57	5.02 - 15.02	15.22	4/2	0.010
MW03	07/13/15	131.39	5.01 - 15.01	15.21	4/2	0.010
MW04	01/25/16	124.45	4.03 - 19.03	19.43	2/2	0.010
MW05	01/26/16	125.01	4.43 - 19.43	19.83	2/2	0.010
MW06	01/25/16	136.86	4.80 - 14.80	15.20	2/2	0.010
MW07	01/25/16	127.70	4.11 - 14.11	14.51	2/2	0.010
MW08	01/25/16	129.83	4.81 - 14.81	15.21	2/2	0.010
MW09	07/26/23	125.04	5 - 15	15	2/8	0.010
MW10	07/12/23	120.38	5 - 15	15	2/8	0.010

EXPLANATION:

feet bgs = Feet below ground surface

Wellhead elevations for MW01 through MW08 were surveyed by Axis Surveying and Mapping using NAVD88

Wellhead elevations for MW09 and MW10 were surveyed by Stantec on August 11, 2023

TABLE 2
GROUNDWATER ANALYTICAL RESULTS
TPH / BTEX / LEAD - 03/10 - 03/12/25
Former Mobil Station 99KRK
804 Market Street
Kirkland, Washington
Page 1 of 2

Well ID	Sampling Date	Wellhead Elev (feet)	DTW (feet bgs)	GW Elev (feet)	TPHg (µg/L)	TPHd (µg/L)	TPHmo (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	Total Pb (µg/L)	Diss Pb (µg/L)
MW01	03/10/25	136.52	4.29	132.23	--	--	--	--	--	--	--	--	--
MW01	03/12/25	136.52	4.37	132.15	<100	210	<97	<0.50	<1.0	<1.0	<2.0	<1.00	<1.00
MW02	03/10/25	134.57	2.25	132.32	--	--	--	--	--	--	--	--	--
MW02	03/11/25	134.57	2.64	131.93	<100	<100	<100	<0.50	<1.0	<1.0	<2.0	<1.00	<1.00
MW02 (DUP-1)	03/11/25	134.57	2.64	131.93	<100	<100	<100	<0.50	<1.0	<1.0	<2.0	<1.00	<1.00
MW03	03/10/25	131.39	4.44	126.95	--	--	--	--	--	--	--	--	--
MW03	03/12/25	131.39	4.98	126.41	120	<97	<97	5.0	<1.0	<1.0	<2.0	<1.00	<1.00
MW04	03/10/25	124.45	NM	--	--	--	--	--	--	--	--	--	--
MW05	03/10/25	125.01	7.03	117.98	--	--	--	--	--	--	--	--	--
MW05	03/11/25	125.01	7.05	117.96	<100	<100	<100	<0.50	<1.0	<1.0	<2.0	7.20	<1.00
MW06	03/10/25	136.86	5.02	131.84	--	--	--	--	--	--	--	--	--
MW06	03/12/25	136.86	5.09	131.77	<100	<100	<100	<0.50	<1.0	<1.0	<2.0	<1.00	<1.00
MW07	03/10/25	127.70	3.63	124.07	<100	280c	<110c	0.52	<1.0	<1.0	<2.0	<1.00	<1.00
MW08	03/10/25	129.83	5.82	124.01	<100	<100c	<100c	<0.50	<1.0	<1.0	<2.0	<1.00	<1.00
MW09	03/10/25	125.04	6.22	118.82	--	--	--	--	--	--	--	--	--
MTCA Method A Cleanup Levels					800/1,000 ^a	500	500	5	1,000	700	1,000	15	15

TABLE 2
GROUNDWATER ANALYTICAL RESULTS
TPH / BTEX / LEAD - 03/10 - 03/12/25

Former Mobil Station 99KRK
804 Market Street
Kirkland, Washington
Page 2 of 2

Well ID	Sampling Date	Wellhead Elev (feet)	DTW (feet bgs)	GW Elev (feet)	TPHg (µg/L)	TPHd (µg/L)	TPHmo (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	Total Pb (µg/L)	Diss Pb (µg/L)
MW10	03/10/25	120.38	6.20	114.18	--	--	--	--	--	--	--	--	--
MW10	03/11/25	120.38	6.24	114.14	<100	<98	<98	<0.50	<1.0	<1.0	<2.0	<1.00	<1.00
MTCA Method A Cleanup Levels					800/1,000 ^a	500	500	5	1,000	700	1,000	15	15

EXPLANATION:

feet bgs = Feet below ground surface

µg/L = Micrograms per Liter

Wellhead Elev = Wellhead elevations

DTW = Depth to water in feet below top of casing

GW Elev = Groundwater elevation relative to top of casing elevation

TPHg = Total Petroleum Hydrocarbons as Gasoline analyzed in accordance with Ecology Method NWTPH-Gx

TPHd and TPHmo = Total Petroleum Hydrocarbons as Diesel and Motor Oil analyzed in accordance with Ecology Method NWTPH-Dx

B = Benzene; T = Toluene; E = Ethylbenzene; X = Total Xylenes

BTEX = Aromatic compounds analyzed in accordance with EPA Method 8260D

Total and Diss Pb = Total and Dissolved Lead analyzed in accordance with EPA Method 6020B

NM = Not Measured; Not Established

< = Less than stated laboratory reporting limit

-- = Not analyzed; N/A = Not applicable

Shaded and bold values equal or exceed MTCA Method A Cleanup Levels

a = TPHg cleanup level for groundwater is 800 µg/L if benzene is present, or 1,000 µg/L if benzene is not present

c = Sample was prepped or analyzed beyond the specified holding time

TABLE 3
CUMULATIVE GROUNDWATER ANALYTICAL RESULTS
TPH / BTEX / LEAD
Former Mobil Station 99KRK
804 Market Street
Kirkland, Washington
Page 1 of 5

Well ID	Sampling Date	Wellhead Elev (feet)	DTW (feet bgs)	GW Elev (feet)	TPHg (µg/L)	TPHd (µg/L)	TPHmo (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	Total Pb (µg/L)	Diss Pb (µg/L)
Environmental Associates, Inc (EAI) - Geophysical Survey & Phase II Subsurface Assessment - April 17, 2014:													
B1	04/01/14	NE	NM	--	56,000	270,000	<500	100	11	29	52	--	--
B2	04/01/14	NE	NM	--	53,000	41,000	<500	3.5	1.8	16	32	--	--
B3	04/01/14	NE	NM	--	<100	<250	<500	<1.0	1.2	<1.0	<3.0	--	--
B4	04/01/14	NE	NM	--	120,000	<250	<500	550	2,300	790	2,600	--	--
B6	04/01/14	NE	NM	--	490	<250	<500	1.6	10	5.0	20	--	--
HydroCon, Environmental LLC (HydroCon) - Subsurface Investigation Report - September 21, 2015:													
HC01	07/13/15	NE	NM	--	<100	70b	<250	1.0	<1	<1	<3	--	--
HC02	07/13/15	NE	NM	--	<100	340	<500	<0.35	<1	<1	<3	--	--
HC03	07/13/15	NE	NM	--	<100	400b	280b	<0.35	<1	<1	<3	--	--
HC05	07/13/15	NE	NM	--	33,000	18,000b	1,600b	5,200	190	1,000	2,080	--	--
HC06	07/13/15	NE	NM	--	4,000	1,500,000	6,600b	160	10	43	56	--	--
HC08	07/14/15	NE	NM	--	<100	190b	<500	<0.35	<1	<1	<3	--	--
HC09	07/14/15	NE	NM	--	260	680b	<300	0.76	<1	2.5	2.3	--	--
HC10	07/14/15	NE	NM	--	2,600	14,000b	<500	7.8	4.1	13	20.5	--	--
HC11	07/14/15	NE	NM	--	4,200	49,000b	910b	37	29	45	67.1	--	--
HC12	07/15/15	NE	NM	--	830	1,200b	<250	<0.35	<1	<1	5.0	--	--
HC14	07/15/15	NE	NM	--	<100	410b	510b	<0.35	<1	<1	<3	--	--
HC16	07/15/15	NE	NM	--	<100	230b	<250	<0.35	<1	<1	<3	--	--
HydroCon, LLC (HydroCon) - Additional Subsurface Investigation Report - May 13, 2016:													
HC24	01/27/16	NE	NM	--	4,300	120,000	<2,500	58	3.3	10	32.1	--	--
HC25	01/27/16	NE	NM	--	540	490b	<250	47	2.8	<1	4.4	--	--
HC26	01/27/16	NE	NM	--	240	960b	2,100	30	5.3	<1	<3	--	--
HydroCon, LLC (HydroCon) - Additional Site Characterization Report - May 12, 2017:													
HC27	04/20/17	NE	NM	--	<100	79b	<250	<0.35	<1	<1	<3	5.80	--
MTCA Method A Cleanup Levels					800/1,000 ^a	500	500	5	1,000	700	1,000	15	15

TABLE 3
CUMULATIVE GROUNDWATER ANALYTICAL RESULTS
TPH / BTEX / LEAD
Former Mobil Station 99KRK
804 Market Street
Kirkland, Washington
Page 2 of 5

Well ID	Sampling Date	Wellhead Elev (feet)	DTW (feet bgs)	GW Elev (feet)	TPHg (µg/L)	TPHd (µg/L)	TPHmo (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	Total Pb (µg/L)	Diss Pb (µg/L)
Screened Interval 4.61-14.61 feet bgs \ Total Depth 15 feet bgs													
MW01	07/22/15	136.52	8.51	128.01	<100	1,200b	1,100b	<0.35	<1	<1	<3	<1	--
MW01	11/25/15	136.52	5.83	130.69	<100	320b	<250	<0.35	<1	<1	<3	<1	<1
MW01	03/29/16	136.52	4.89	131.63	<100	630b	300	<0.35	<1	<1	<3	<1	<1
MW01	06/09/16	136.52	5.67	130.85	<100	1,100b	980b	<0.35	<1	<1	<3	<1	<1
MW01	08/08/23	136.52	6.45	130.07	<100	730	280	<0.50	<5.0	<5.0	<10	<1.00	<1.00
MW01	03/10/25	136.52	4.29	132.23	--	--	--	--	--	--	--	--	--
MW01	03/12/25	136.52	4.37	132.15	<100	210	<97	<0.50	<1.0	<1.0	<2.0	<1.00	<1.00
Screened Interval 5.02-15.02 feet bgs \ Total Depth 15.22 feet bgs													
MW02	07/22/15	134.57	12.82	121.75	110	53b	<250	<0.35	<1	<1	<3	--	<1
MW02	11/25/15	134.57	3.32	131.25	<100	580b	590b	<0.35	<1	<1	<3	15.9	1.94
MW02	03/29/16	134.57	2.62	131.95	<100	100b	<250	<0.35	<1	<1	<3	1.79	<1
MW02	06/10/16	134.57	3.75	130.82	<100	<50	<250	<0.35	<1	<1	<3	2.74	<1
MW02	08/08/23	134.57	4.04	130.53	<100	260	<92	<0.50	<1.0	<1.0	<2.0	1.83	<1.00
MW02	03/10/25	134.57	2.25	132.32	--	--	--	--	--	--	--	--	--
MW02	03/11/25	134.57	2.64	131.93	<100	<100	<100	<0.50	<1.0	<1.0	<2.0	<1.00	<1.00
MW02 Dup (DUP-1)	03/11/25	134.57	2.64	131.93	<100	<100	<100	<0.50	<1.0	<1.0	<2.0	<1.00	<1.00
Screened Interval 5.01-15.01 feet bgs \ Total Depth 15.22 feet bgs													
MW03	07/22/15	131.39	8.29	123.10	20,000	4,000b	620b	4,400	160	540	900	--	10.8
MW03	11/25/15	131.39	6.56	124.83	12,000	700b	<250	1,200	31	130	242	<1	<1
MW03	03/29/16	131.39	6.51	124.88	16,000	590b	<300	4,300	<100	440	520	1.33	<1
MW03 Dup (MW99)	03/29/16	131.39	6.51	124.88	9,800	2,000b	320	4,000	85	410	500	1.26	<1
MW03	06/10/16	131.39	6.23	125.16	8,600	750b	<250	3,800	83	380	670	<1	<1
MW03 Dup (MW99)	06/10/16	131.39	6.23	125.16	8,000	700b	<250	3,600	72	380	640	<1	<1
MW03	08/08/23	131.39	7.71	123.68	7,500	1,800	<93	2,800	50	190	340	1.28	<1.00
MW03	03/10/25	131.39	4.44	126.95	--	--	--	--	--	--	--	--	--
MW03	03/12/25	131.39	4.98	126.41	120	<97	<97	5.0	<1.0	<1.0	<2.0	<1.00	<1.00
MTCA Method A Cleanup Levels					800/1,000 ^a	500	500	5	1,000	700	1,000	15	15

TABLE 3
CUMULATIVE GROUNDWATER ANALYTICAL RESULTS
TPH / BTEX / LEAD
Former Mobil Station 99KRK
804 Market Street
Kirkland, Washington
Page 3 of 5

Well ID	Sampling Date	Wellhead Elev (feet)	DTW (feet bgs)	GW Elev (feet)	TPHg (µg/L)	TPHd (µg/L)	TPHmo (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	Total Pb (µg/L)	Diss Pb (µg/L)
Screened Interval 4.03-19.03 feet bgs \ Total Depth 20 feet bgs													
MW04	03/28/16	124.45	5.89	118.56	400	480b	<250	20	1.0	<1	<3	<1	<1
MW04	06/09/16	124.45	7.20	117.25	410	400b	<250	18	1.2	<1	<3	1.12	<1
MW04	08/08/23	124.45	NM	--	--	--	--	--	--	--	--	--	--
MW04	03/10/25	124.45	NM	--	--	--	--	--	--	--	--	--	--
Screened Interval 4.43-19.43 feet bgs \ Total Depth 20 feet bgs													
MW05	03/29/16	125.01	7.71	117.30	<100	140b	<250	<0.35	<1	<1	<3	<1	<5
MW05	06/10/16	125.01	8.60	116.41	<100	<50	<250	<0.35	<1	<1	<3	<1	<1
MW05	08/08/23	125.01	NM	--	--	--	--	--	--	--	--	--	--
MW05	03/10/25	125.01	7.03	117.98	--	--	--	--	--	--	--	--	--
MW05	03/11/25	125.01	7.05	117.96	<100	<100	<100	<0.50	<1.0	<1.0	<2.0	7.2	<1.00
Screened Interval 4.8-14.8 feet bgs \ Total Depth 15.2 feet bgs													
MW06	03/29/16	136.86	5.22	131.64	<100	140b	<250	<0.35	<1	<1	<3	<1	<5
MW06	06/09/16	136.86	6.19	130.67	<100	150b	<250	<0.35	<1	<1	<3	<1	<1
MW06	08/08/23	136.86	7.11	129.75	<100	220	130	<0.50	<1.0	<1.0	<2.0	<1.00	<1.00
MW06	03/10/25	136.86	5.02	131.84	--	--	--	--	--	--	--	--	--
MW06	03/12/25	136.86	5.09	131.77	<100	<100	<100	<0.50	<1.0	<1.0	<2.0	<1.00	<1.00
Screened Interval 4.11-14.11 feet bgs \ Total Depth 15 feet bgs													
MW07	03/28/16	127.70	4.63	123.07	2,700	3,400	<250	7.4	1.5	<1	19	<1	<1
MW07	06/09/16	127.70	6.16	121.54	2,300	3,300b	<250	2.3	<1	<1	13	1.52	<1
MW07	08/08/23	127.70	NM	--	--	--	--	--	--	--	--	--	--
MW07	03/10/25	127.70	3.63	124.07	<100	280c	<110c	0.52	<1.0	<1.0	<2.0	<1.00	<1.00
MTCA Method A Cleanup Levels					800/1,000 ^a	500	500	5	1,000	700	1,000	15	15

TABLE 3
CUMULATIVE GROUNDWATER ANALYTICAL RESULTS
TPH / BTEX / LEAD
Former Mobil Station 99KRK
804 Market Street
Kirkland, Washington
Page 4 of 5

Well ID	Sampling Date	Wellhead Elev (feet)	DTW (feet bgs)	GW Elev (feet)	TPHg (µg/L)	TPHd (µg/L)	TPHmo (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	Total Pb (µg/L)	Diss Pb (µg/L)
Screened Interval 4.81-14.81 feet bgs \ Total Depth 15 feet bgs													
MW08	03/28/16	129.83	6.06	123.77	<100	<50	<250	<0.35	<1	<1	<3	<1	<1
MW08	06/09/16	129.83	8.11	121.72	<100	<50	<250	0.47	<1	<1	<3	<1	<1
MW08	08/08/23	129.83	NM	--	--	--	--	--	--	--	--	--	--
MW08	03/10/25	129.83	5.90	123.93	<100	<100c	<100c	<0.50	<1.0	<1.0	<2.0	<1.00	<1.00
Screened Interval 5.00-15.00 feet bgs \ Total Depth 15 feet bgs													
MW09	08/08/23	125.04	8.13	116.91	<100	<95	110	<0.50	<1.0	<1.0	<2.0	<1.00	<1.00
MW09	03/10/25	125.04	6.22	118.82	--	--	--	--	--	--	--	--	--
Screened Interval 5.00-15.00 feet bgs \ Total Depth 15 feet bgs													
MW10	08/08/23	120.38	9.02	111.36	<100	<93	<93	<0.50	<1.0	<1.0	<2.0	<1.00	<1.00
MW10	03/10/25	120.38	6.20	114.18	--	--	--	--	--	--	--	--	--
MW10	03/11/25	120.38	6.24	114.14	<100	<98	<98	<0.50	<1.0	<1.0	<2.0	<1.00	<1.00
MTCA Method A Cleanup Levels					800/1,000 ^a	500	500	5	1,000	700	1,000	15	15

TABLE 3
CUMULATIVE GROUNDWATER ANALYTICAL RESULTS
TPH / BTEX / LEAD
Former Mobil Station 99KRK
804 Market Street
Kirkland, Washington
Page 5 of 5

Well ID	Sampling Date	Wellhead Elev (feet)	DTW (feet bgs)	GW Elev (feet)	TPHg (µg/L)	TPHd (µg/L)	TPHmo (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	Total Pb (µg/L)	Diss Pb (µg/L)
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EXPLANATION:

feet bgs = Feet below ground surface

µg/L = Micrograms per Liter

Wellhead Elev = Wellhead elevations

DTW = Depth to water in feet below top of casing

GW Elev = Groundwater elevation relative to top of casing elevation

TPHg = Total Petroleum Hydrocarbons as Gasoline analyzed in accordance with Ecology Method NWTPH-Gx

TPHd and TPHmo = Total Petroleum Hydrocarbons as Diesel and Motor Oil analyzed in accordance with Ecology Method NWTPH-Dx

B = Benzene; T = Toluene; E = Ethylbenzene; X = Total Xylenes

BTEX = Aromatic compounds analyzed in accordance with EPA Method 8260C or 8260D - refer to laboratory reports

Total and Diss Pb = Total and Dissolved Lead analyzed in accordance with EPA Method 200.8 or 6020B - refer to laboratory reports

NM = Not Measured; Not Established

< = Less than stated laboratory reporting limit

-- = Not analyzed; N/A = Not applicable

Dup = Field duplicate

Shaded and bold values equal or exceed MTCA Method A Cleanup Levels

a = TPHg cleanup level for groundwater is 800 µg/L if benzene is present, or 1,000 µg/L if benzene is not present

b = The sample chromatographic pattern does not resemble the fuel standard used for quantification

c = Sample was prepped or analyzed beyond the specified holding time

TABLE 4
CUMULATIVE GROUNDWATER ANALYTICAL RESULTS
ADDITIONAL VOCs
Former Mobil Station 99KRK
804 Market Street
Kirkland, Washington
Page 1 of 2

Well ID	Sample Date	EDB (µg/L)	EDC (µg/L)	Chloroform (µg/L)	Naphthalene (µg/L)	MTBE (µg/L)
B1	04/01/14	--	<1.0	<1.0	--	--
B4	04/01/14	--	<1.0	<1.0	--	--
HC27	04/20/17	<1	<1	--	<1	<1
MW01	07/22/15	<1	<1	--	<1	<1
MW01	11/25/15	<1	<1	--	<1	<1
MW01	03/29/16	<1	<1	--	<1	<1
MW01	06/09/16	<1	<1	--	<1	<1
MW01	08/08/23	--	<2.5	--	<50	--
MW02	07/22/15	<1	<1	--	<1	<1
MW02	11/25/15	<1	<1	--	<1	<1
MW02	03/29/16	<1	<1	--	<1	<1
MW02	06/10/16	<1	<1	--	<1	<1
MW02	08/08/23	--	<0.50	--	<10	--
MW03	07/22/15	<10	93	--	200	<10
MW03	11/25/15	<10	26	--	55	<10
MW03	03/29/16	<100	120	--	110	<100
MW03 Dup (MW99)	03/29/16	<1	110	--	<120	<1
MW03	06/10/16	<100	<100	--	110	<10
MW03 Dup (MW99)	06/10/16	<100	<100	--	100	<100
MW03	08/08/23	--	<20	--	<400	--
MW04	03/28/16	<1	2.3	--	<1	<1
MW04	06/09/16	<1	1.9	--	<1	<1
MW04	08/08/23	--	--	--	--	--
MW05	03/29/16	<1	2.1	--	<1	<1
MW05	06/10/16	<1	<1	--	<1	<1
MW05	08/08/23	--	--	--	--	--
MW06	03/29/16	<1	<1	--	<1	<1
MW06	06/09/16	<1	<1	--	<1	<1
MTCA Method A Cleanup Levels		0.01	5	14.1	160	160

TABLE 4
CUMULATIVE GROUNDWATER ANALYTICAL RESULTS
ADDITIONAL VOCs
Former Mobil Station 99KRK
804 Market Street
Kirkland, Washington
Page 2 of 2

Well ID	Sample Date	EDB (µg/L)	EDC (µg/L)	Chloroform (µg/L)	Naphthalene (µg/L)	MTBE (µg/L)
MW06	08/08/23	--	<0.50	--	<10	--
MW07	03/28/16	<1	<1	--	110	<1
MW07	06/09/16	<1	<1	--	180	<1
MW07	08/08/23	--	--	--	--	--
MW08	03/28/16	<1	<1	--	<1	<1
MW08	06/09/16	<1	<1	--	<1	<1
MW08	08/08/23	--	--	--	--	--
MW09	08/08/23	--	<0.50	--	<10	<10
MW10	08/08/23	--	<0.50	--	<10	<10
MTCA Method A Cleanup Levels		0.01	5	1.4 ^a	160	160

EXPLANATION:

µg/L = Micrograms per Liter

EDB = 1,2-Dibromoethane

EDC = 1,2-Dichloroethane

MTBE = Methyl tertiary butyl ether

VOCs = Volatile Organic Compounds in accordance with EPA Method 8260C or 8260D - refer to laboratory reports

-- = Not analyzed

< = Less than laboratory reporting limit

Shaded and bold values equal or exceed MTCA Method A Cleanup Levels

a = No published MTCA Method A Cleanup Level, the MTCA Method B Cleanup Level for cancer used as the point of compliance

TABLE 5
CUMULATIVE GROUNDWATER ANALYTICAL RESULTS
CARCINOGENIC PAHs
Former Mobil Station 99KRK
804 Market Street
Kirkland, Washington
Page 1 of 1

Well ID	Sampling Date	B(a)A (µg/L)	B(b)F (µg/L)	B(k)F (µg/L)	B(a)P (µg/L)	Chrysene (µg/L)	DB(a,h)A (µg/L)	IP (µg/L)
MW03	11/25/15	<0.06	<0.06	<0.06	<0.06	<0.06	<0.06	<0.06
MW03	03/29/16	<0.06	<0.06	<0.06	<0.06	<0.06	<0.06	<0.06
MW03	06/10/16	<0.06	<0.06	<0.06	<0.06	<0.06	<0.06	<0.06
MTCA Method A Cleanup Levels					0.1 ^a			

EXPLANATION:

µg/L = Micrograms per liter

B(a)A = Benzo(a)anthracene

B(b)F = Benzo(b)fluoranthene

B(k)F = Benzo(k)fluoranthene

B(a)P = Benzo(a)pyrene

DB(a,h)A = Dibenzo(a,h)anthracene

IP = Indeno(1,2,3-cd)pyrene

Carcinogenic PAHs = Carcinogenic Polycyclic Aromatic Hydrocarbons in accordance with EPA Method 8270D

< = Less than stated laboratory reporting limit

NE = Not Established

Shaded and bold values equal or exceed MTCA Method A Cleanup Levels

a = The MTCA Method A Cleanup Level for B(a)P is 0.1 mg/kg. If other carcinogenic PAHs are detected, the cleanup level for the toxic equivalency factor-adjusted sum of all carcinogenic PAHs is 0.1 µg/L.

APPENDIX A

Field Protocol



Low-Flow Sampling Field Protocol

The static water level and non-aqueous phase liquid (NAPL) level, if present, in each groundwater monitoring well that contains water and/or NAPL are measured with an interface probe to the nearest 0.01 foot. To calculate groundwater elevations and evaluate groundwater gradient, depth to water (DTW) levels are subtracted from wellhead elevations.

Before water samples are collected from the groundwater monitoring wells, the wells are purged using a peristaltic or a submersible pump at rates not exceeding 1 liter per minute (L/min) until stabilization of the following groundwater quality parameters are obtained: dissolved oxygen (DO), specific conductance (conductivity), temperature, pH, and oxidation/reduction potential (ORP). Readings of these parameters are recorded every three minutes while the water is purged, and DTW readings are collected every three minutes to ensure drawdown in the well is less than 0.33 feet. If drawdown occurs too quickly, the pumping rate will be reduced.

Purging will continue until three consecutive readings meet the following stabilization criteria:

- DO has a change of less than $\pm 10\%$ for values greater than 0.5 milligram per liter (mg/L), if three DO values are less than 0.5 mg/L, the values are considered stabilized
- Conductivity has a change of less than 3%
- Temperature has a change of less than 3%
- pH has a change of less than ± 0.1 unit
- ORP has a change of less than ± 10 millivolts

Purging will continue until these stabilization criteria have been met, or three well casing volumes have been purged from the groundwater monitoring well. The groundwater quality parameters will be recorded on the appropriate field log form.

Once groundwater conditions have stabilized, groundwater samples for volatile contaminants of concern are collected in 40-milliliter glass vials, which are filled to produce a positive meniscus. Each vial is preserved with hydrochloric acid, sealed with a cap containing a Teflon® septum, and subsequently examined for air bubbles to avoid headspace, which would allow volatilization to occur. Additional samples for other contaminants of concern will be collected in the appropriate laboratory-supplied sampling containers. The samples are promptly transported in iced storage in a thermally insulated cooler, accompanied by chain-of-custody documentation, to a state-certified laboratory.

APPENDIX B

Laboratory Analytical Report and Chain of Custody Documentation





ANALYTICAL REPORT

PREPARED FOR

Attn: Ryan Rains
Stantec Consulting Services Inc
309 South Cloverdale Street
Unit A13
Seattle, Washington 98108

Generated 3/24/2025 2:23:18 PM

JOB DESCRIPTION

ExxonMobil 99KRK/203724087

JOB NUMBER

570-222752-1

Job Notes

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

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

Authorization



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Authorized for release by
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Sample Summary

Client: Stantec Consulting Services Inc
Project/Site: ExxonMobil 99KRK/203724087

Job ID: 570-222752-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
570-222752-1	W-5-MW01	Water	03/12/25 10:50	03/13/25 10:00
570-222752-2	W-4-MW02	Water	03/11/25 12:45	03/13/25 10:00
570-222752-3	W-5-MW03	Water	03/12/25 11:30	03/13/25 10:00
570-222752-4	W-7-MW05	Water	03/11/25 11:35	03/13/25 10:00
570-222752-5	W-5-MW06	Water	03/12/25 09:50	03/13/25 10:00
570-222752-6	W-4-MW07	Water	03/10/25 11:25	03/13/25 10:00
570-222752-7	W-6-MW08	Water	03/10/25 10:45	03/13/25 10:00
570-222752-8	W-6-MW10	Water	03/11/25 12:10	03/13/25 10:00
570-222752-9	DUP-1	Water	03/11/25 12:45	03/13/25 10:00
570-222752-10	EQB	Water	03/11/25 11:05	03/13/25 10:00
570-222752-11	Trip Blank-1	Water	03/12/25 00:00	03/13/25 10:00
570-222752-12	Trip Blank-2	Water	03/12/25 00:00	03/13/25 10:00

Definitions/Glossary

Client: Stantec Consulting Services Inc
Project/Site: ExxonMobil 99KRK/203724087

Job ID: 570-222752-1

Qualifiers

GC Semi VOA

Qualifier	Qualifier Description
H	Sample was prepped or analyzed beyond the specified holding time. This does not meet regulatory requirements.

Glossary

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

Case Narrative

Client: Stantec Consulting Services Inc
Project: ExxonMobil 99K RK/203724087

Job ID: 570-222752-1

Job ID: 570-222752-1

Eurofins Calscience

Job Narrative 570-222752-1

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 3/13/2025 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 1.5°C.

GC/MS VOA

Method 8260D: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with analytical batch 570-547503. The laboratory control sample (LCS) was performed in duplicate (LCSD) to provide precision data for this batch.

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

GC VOA

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

Hydrocarbons

Method NWTPH_Dx: The following sample(s) was received with less than 2 days remaining on the holding time or less than one shift (8 hours) remaining on a test with a holding time of 48 hours or less. As such, the laboratory had insufficient time remaining to perform the analysis within holding time: W-4-MW07 (570-222752-6) and W-6-MW08 (570-222752-7).

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

Metals

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

Eurofins Calscience

Detection Summary

Client: Stantec Consulting Services Inc
Project/Site: ExxonMobil 99KRK/203724087

Job ID: 570-222752-1

Client Sample ID: W-5-MW01

Lab Sample ID: 570-222752-1

Analyte	Result	Qualifier	RL	Unit	Dil Fac	D	Method	Prep Type
TPH as Diesel Range	210		97	ug/L	1		NWTPH-Dx	Total/NA

Client Sample ID: W-4-MW02

Lab Sample ID: 570-222752-2

No Detections.

Client Sample ID: W-5-MW03

Lab Sample ID: 570-222752-3

Analyte	Result	Qualifier	RL	Unit	Dil Fac	D	Method	Prep Type
Benzene	5.0		0.50	ug/L	1		8260D	Total/NA
TPH as Gasoline (C4-C13)	120		100	ug/L	1		NWTPH-Gx	Total/NA

Client Sample ID: W-7-MW05

Lab Sample ID: 570-222752-4

Analyte	Result	Qualifier	RL	Unit	Dil Fac	D	Method	Prep Type
Lead	7.20		1.00	ug/L	1		6020B	Total Recoverable

Client Sample ID: W-5-MW06

Lab Sample ID: 570-222752-5

No Detections.

Client Sample ID: W-4-MW07

Lab Sample ID: 570-222752-6

Analyte	Result	Qualifier	RL	Unit	Dil Fac	D	Method	Prep Type
Benzene	0.52		0.50	ug/L	1		8260D	Total/NA
TPH as Diesel Range	280	H	110	ug/L	1		NWTPH-Dx	Total/NA

Client Sample ID: W-6-MW08

Lab Sample ID: 570-222752-7

No Detections.

Client Sample ID: W-6-MW10

Lab Sample ID: 570-222752-8

No Detections.

Client Sample ID: DUP-1

Lab Sample ID: 570-222752-9

No Detections.

Client Sample ID: EQB

Lab Sample ID: 570-222752-10

No Detections.

Client Sample ID: Trip Blank-1

Lab Sample ID: 570-222752-11

No Detections.

Client Sample ID: Trip Blank-2

Lab Sample ID: 570-222752-12

No Detections.

This Detection Summary does not include radiochemical test results.

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Client Sample Results

Client: Stantec Consulting Services Inc
Project/Site: ExxonMobil 99KRK/203724087

Job ID: 570-222752-1

Client Sample ID: W-5-MW01

Lab Sample ID: 570-222752-1

Date Collected: 03/12/25 10:50

Matrix: Water

Date Received: 03/13/25 10:00

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.50	ug/L			03/20/25 20:55	1
Ethylbenzene	ND		1.0	ug/L			03/20/25 20:55	1
Toluene	ND		1.0	ug/L			03/20/25 20:55	1
m,p-Xylene	ND		2.0	ug/L			03/20/25 20:55	1
o-Xylene	ND		1.0	ug/L			03/20/25 20:55	1
Xylenes, Total	ND		2.0	ug/L			03/20/25 20:55	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	101		70 - 123		03/20/25 20:55	1
4-Bromofluorobenzene (Surr)	91		80 - 120		03/20/25 20:55	1
Dibromofluoromethane (Surr)	97		78 - 120		03/20/25 20:55	1
Toluene-d8 (Surr)	101		80 - 120		03/20/25 20:55	1

Method: NWTPH-Gx - Northwest - Volatile Petroleum Products (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
TPH as Gasoline (C4-C13)	ND		100	ug/L			03/21/25 03:05	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		50 - 150		03/21/25 03:05	1

Method: NWTPH-Dx - Northwest - Semi-Volatile Petroleum Products (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
TPH as Diesel Range	210		97	ug/L		03/18/25 20:07	03/24/25 08:10	1
TPH as Motor Oil Range	ND		97	ug/L		03/18/25 20:07	03/24/25 08:10	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
n-Octacosane (Surr)	109		50 - 150	03/18/25 20:07	03/24/25 08:10	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	ND		1.00	ug/L		03/19/25 04:26	03/19/25 13:46	1

Method: SW846 6020B - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	ND		1.00	ug/L		03/19/25 08:35	03/19/25 20:29	1

Client Sample ID: W-4-MW02

Lab Sample ID: 570-222752-2

Date Collected: 03/11/25 12:45

Matrix: Water

Date Received: 03/13/25 10:00

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.50	ug/L			03/20/25 21:15	1
Ethylbenzene	ND		1.0	ug/L			03/20/25 21:15	1
Toluene	ND		1.0	ug/L			03/20/25 21:15	1
m,p-Xylene	ND		2.0	ug/L			03/20/25 21:15	1
o-Xylene	ND		1.0	ug/L			03/20/25 21:15	1
Xylenes, Total	ND		2.0	ug/L			03/20/25 21:15	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	103		70 - 123		03/20/25 21:15	1
4-Bromofluorobenzene (Surr)	91		80 - 120		03/20/25 21:15	1

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Client Sample Results

Client: Stantec Consulting Services Inc
Project/Site: ExxonMobil 99KRK/203724087

Job ID: 570-222752-1

Client Sample ID: W-4-MW02

Lab Sample ID: 570-222752-2

Date Collected: 03/11/25 12:45

Matrix: Water

Date Received: 03/13/25 10:00

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Dibromofluoromethane (Surr)	97		78 - 120		03/20/25 21:15	1
Toluene-d8 (Surr)	98		80 - 120		03/20/25 21:15	1

Method: NWTPH-Gx - Northwest - Volatile Petroleum Products (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
TPH as Gasoline (C4-C13)	ND		100	ug/L			03/21/25 01:47	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	96		50 - 150				03/21/25 01:47	1

Method: NWTPH-Dx - Northwest - Semi-Volatile Petroleum Products (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
TPH as Diesel Range	ND		100	ug/L		03/18/25 20:07	03/24/25 08:31	1
TPH as Motor Oil Range	ND		100	ug/L		03/18/25 20:07	03/24/25 08:31	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
n-Octacosane (Surr)	108		50 - 150			03/18/25 20:07	03/24/25 08:31	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	ND		1.00	ug/L		03/19/25 04:26	03/19/25 14:01	1

Method: SW846 6020B - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	ND		1.00	ug/L		03/19/25 08:35	03/19/25 20:31	1

Client Sample ID: W-5-MW03

Lab Sample ID: 570-222752-3

Date Collected: 03/12/25 11:30

Matrix: Water

Date Received: 03/13/25 10:00

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	5.0		0.50	ug/L			03/20/25 21:35	1
Ethylbenzene	ND		1.0	ug/L			03/20/25 21:35	1
Toluene	ND		1.0	ug/L			03/20/25 21:35	1
m,p-Xylene	ND		2.0	ug/L			03/20/25 21:35	1
o-Xylene	ND		1.0	ug/L			03/20/25 21:35	1
Xylenes, Total	ND		2.0	ug/L			03/20/25 21:35	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	104		70 - 123				03/20/25 21:35	1
4-Bromofluorobenzene (Surr)	94		80 - 120				03/20/25 21:35	1
Dibromofluoromethane (Surr)	97		78 - 120				03/20/25 21:35	1
Toluene-d8 (Surr)	100		80 - 120				03/20/25 21:35	1

Method: NWTPH-Gx - Northwest - Volatile Petroleum Products (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
TPH as Gasoline (C4-C13)	120		100	ug/L			03/21/25 03:31	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		50 - 150				03/21/25 03:31	1

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Client Sample Results

Client: Stantec Consulting Services Inc
Project/Site: ExxonMobil 99KRK/203724087

Job ID: 570-222752-1

Client Sample ID: W-5-MW03

Lab Sample ID: 570-222752-3

Date Collected: 03/12/25 11:30

Matrix: Water

Date Received: 03/13/25 10:00

Method: NWTPH-Dx - Northwest - Semi-Volatile Petroleum Products (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
TPH as Diesel Range	ND		97	ug/L		03/18/25 20:07	03/24/25 08:52	1
TPH as Motor Oil Range	ND		97	ug/L		03/18/25 20:07	03/24/25 08:52	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
n-Octacosane (Surr)	102		50 - 150			03/18/25 20:07	03/24/25 08:52	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	ND		1.00	ug/L		03/19/25 04:26	03/19/25 14:04	1

Method: SW846 6020B - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	ND		1.00	ug/L		03/19/25 08:35	03/19/25 20:33	1

Client Sample ID: W-7-MW05

Lab Sample ID: 570-222752-4

Date Collected: 03/11/25 11:35

Matrix: Water

Date Received: 03/13/25 10:00

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.50	ug/L			03/20/25 21:55	1
Ethylbenzene	ND		1.0	ug/L			03/20/25 21:55	1
Toluene	ND		1.0	ug/L			03/20/25 21:55	1
m,p-Xylene	ND		2.0	ug/L			03/20/25 21:55	1
o-Xylene	ND		1.0	ug/L			03/20/25 21:55	1
Xylenes, Total	ND		2.0	ug/L			03/20/25 21:55	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	102		70 - 123				03/20/25 21:55	1
4-Bromofluorobenzene (Surr)	94		80 - 120				03/20/25 21:55	1
Dibromofluoromethane (Surr)	99		78 - 120				03/20/25 21:55	1
Toluene-d8 (Surr)	99		80 - 120				03/20/25 21:55	1

Method: NWTPH-Gx - Northwest - Volatile Petroleum Products (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
TPH as Gasoline (C4-C13)	ND		100	ug/L			03/21/25 03:57	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		50 - 150				03/21/25 03:57	1

Method: NWTPH-Dx - Northwest - Semi-Volatile Petroleum Products (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
TPH as Diesel Range	ND		100	ug/L		03/18/25 20:07	03/24/25 09:14	1
TPH as Motor Oil Range	ND		100	ug/L		03/18/25 20:07	03/24/25 09:14	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
n-Octacosane (Surr)	103		50 - 150			03/18/25 20:07	03/24/25 09:14	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	7.20		1.00	ug/L		03/19/25 04:26	03/19/25 14:06	1

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Client Sample Results

Client: Stantec Consulting Services Inc
Project/Site: ExxonMobil 99KRK/203724087

Job ID: 570-222752-1

Client Sample ID: W-7-MW05

Lab Sample ID: 570-222752-4

Date Collected: 03/11/25 11:35

Matrix: Water

Date Received: 03/13/25 10:00

Method: SW846 6020B - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	ND		1.00	ug/L		03/19/25 08:35	03/19/25 20:35	1

Client Sample ID: W-5-MW06

Lab Sample ID: 570-222752-5

Date Collected: 03/12/25 09:50

Matrix: Water

Date Received: 03/13/25 10:00

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.50	ug/L			03/20/25 22:15	1
Ethylbenzene	ND		1.0	ug/L			03/20/25 22:15	1
Toluene	ND		1.0	ug/L			03/20/25 22:15	1
m,p-Xylene	ND		2.0	ug/L			03/20/25 22:15	1
o-Xylene	ND		1.0	ug/L			03/20/25 22:15	1
Xylenes, Total	ND		2.0	ug/L			03/20/25 22:15	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	102		70 - 123		03/20/25 22:15	1
4-Bromofluorobenzene (Surr)	93		80 - 120		03/20/25 22:15	1
Dibromofluoromethane (Surr)	98		78 - 120		03/20/25 22:15	1
Toluene-d8 (Surr)	99		80 - 120		03/20/25 22:15	1

Method: NWTPH-Gx - Northwest - Volatile Petroleum Products (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
TPH as Gasoline (C4-C13)	ND		100	ug/L			03/21/25 04:23	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		50 - 150		03/21/25 04:23	1

Method: NWTPH-Dx - Northwest - Semi-Volatile Petroleum Products (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
TPH as Diesel Range	ND		100	ug/L		03/18/25 20:07	03/24/25 09:35	1
TPH as Motor Oil Range	ND		100	ug/L		03/18/25 20:07	03/24/25 09:35	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
n-Octacosane (Surr)	107		50 - 150	03/18/25 20:07	03/24/25 09:35	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	ND		1.00	ug/L		03/19/25 04:26	03/19/25 14:09	1

Method: SW846 6020B - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	ND		1.00	ug/L		03/19/25 08:35	03/19/25 20:37	1

Client Sample ID: W-4-MW07

Lab Sample ID: 570-222752-6

Date Collected: 03/10/25 11:25

Matrix: Water

Date Received: 03/13/25 10:00

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.52		0.50	ug/L			03/20/25 22:35	1
Ethylbenzene	ND		1.0	ug/L			03/20/25 22:35	1

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Client Sample Results

Client: Stantec Consulting Services Inc
Project/Site: ExxonMobil 99KRK/203724087

Job ID: 570-222752-1

Client Sample ID: W-4-MW07

Lab Sample ID: 570-222752-6

Date Collected: 03/10/25 11:25

Matrix: Water

Date Received: 03/13/25 10:00

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Toluene	ND		1.0	ug/L			03/20/25 22:35	1
m,p-Xylene	ND		2.0	ug/L			03/20/25 22:35	1
o-Xylene	ND		1.0	ug/L			03/20/25 22:35	1
Xylenes, Total	ND		2.0	ug/L			03/20/25 22:35	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	102		70 - 123				03/20/25 22:35	1
4-Bromofluorobenzene (Surr)	89		80 - 120				03/20/25 22:35	1
Dibromofluoromethane (Surr)	98		78 - 120				03/20/25 22:35	1
Toluene-d8 (Surr)	98		80 - 120				03/20/25 22:35	1

Method: NWTPH-Gx - Northwest - Volatile Petroleum Products (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
TPH as Gasoline (C4-C13)	ND		100	ug/L			03/21/25 05:41	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		50 - 150				03/21/25 05:41	1

Method: NWTPH-Dx - Northwest - Semi-Volatile Petroleum Products (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
TPH as Diesel Range	280	H	110	ug/L		03/18/25 20:07	03/24/25 09:56	1
TPH as Motor Oil Range	ND	H	110	ug/L		03/18/25 20:07	03/24/25 09:56	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
n-Octacosane (Surr)	99		50 - 150			03/18/25 20:07	03/24/25 09:56	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	ND		1.00	ug/L		03/19/25 04:26	03/19/25 14:11	1

Method: SW846 6020B - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	ND		1.00	ug/L		03/19/25 08:35	03/19/25 20:39	1

Client Sample ID: W-6-MW08

Lab Sample ID: 570-222752-7

Date Collected: 03/10/25 10:45

Matrix: Water

Date Received: 03/13/25 10:00

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.50	ug/L			03/20/25 22:55	1
Ethylbenzene	ND		1.0	ug/L			03/20/25 22:55	1
Toluene	ND		1.0	ug/L			03/20/25 22:55	1
m,p-Xylene	ND		2.0	ug/L			03/20/25 22:55	1
o-Xylene	ND		1.0	ug/L			03/20/25 22:55	1
Xylenes, Total	ND		2.0	ug/L			03/20/25 22:55	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	102		70 - 123				03/20/25 22:55	1
4-Bromofluorobenzene (Surr)	92		80 - 120				03/20/25 22:55	1
Dibromofluoromethane (Surr)	98		78 - 120				03/20/25 22:55	1
Toluene-d8 (Surr)	99		80 - 120				03/20/25 22:55	1

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Client Sample Results

Client: Stantec Consulting Services Inc
Project/Site: ExxonMobil 99KRK/203724087

Job ID: 570-222752-1

Client Sample ID: W-6-MW08

Lab Sample ID: 570-222752-7

Date Collected: 03/10/25 10:45

Matrix: Water

Date Received: 03/13/25 10:00

Method: NWTPH-Gx - Northwest - Volatile Petroleum Products (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
TPH as Gasoline (C4-C13)	ND		100	ug/L			03/21/25 06:07	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		50 - 150				03/21/25 06:07	1

Method: NWTPH-Dx - Northwest - Semi-Volatile Petroleum Products (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
TPH as Diesel Range	ND	H	100	ug/L		03/18/25 20:07	03/24/25 10:17	1
TPH as Motor Oil Range	ND	H	100	ug/L		03/18/25 20:07	03/24/25 10:17	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
n-Octacosane (Surr)	102		50 - 150			03/18/25 20:07	03/24/25 10:17	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	ND		1.00	ug/L		03/19/25 04:26	03/19/25 14:14	1

Method: SW846 6020B - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	ND		1.00	ug/L		03/19/25 08:35	03/19/25 20:41	1

Client Sample ID: W-6-MW10

Lab Sample ID: 570-222752-8

Date Collected: 03/11/25 12:10

Matrix: Water

Date Received: 03/13/25 10:00

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.50	ug/L			03/20/25 23:15	1
Ethylbenzene	ND		1.0	ug/L			03/20/25 23:15	1
Toluene	ND		1.0	ug/L			03/20/25 23:15	1
m,p-Xylene	ND		2.0	ug/L			03/20/25 23:15	1
o-Xylene	ND		1.0	ug/L			03/20/25 23:15	1
Xylenes, Total	ND		2.0	ug/L			03/20/25 23:15	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	100		70 - 123				03/20/25 23:15	1
4-Bromofluorobenzene (Surr)	93		80 - 120				03/20/25 23:15	1
Dibromofluoromethane (Surr)	97		78 - 120				03/20/25 23:15	1
Toluene-d8 (Surr)	100		80 - 120				03/20/25 23:15	1

Method: NWTPH-Gx - Northwest - Volatile Petroleum Products (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
TPH as Gasoline (C4-C13)	ND		100	ug/L			03/21/25 06:34	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		50 - 150				03/21/25 06:34	1

Method: NWTPH-Dx - Northwest - Semi-Volatile Petroleum Products (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
TPH as Diesel Range	ND		98	ug/L		03/18/25 20:07	03/24/25 10:38	1
TPH as Motor Oil Range	ND		98	ug/L		03/18/25 20:07	03/24/25 10:38	1

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Client Sample Results

Client: Stantec Consulting Services Inc
Project/Site: ExxonMobil 99KRK/203724087

Job ID: 570-222752-1

Client Sample ID: W-6-MW10

Lab Sample ID: 570-222752-8

Date Collected: 03/11/25 12:10

Matrix: Water

Date Received: 03/13/25 10:00

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
n-Octacosane (Surr)	105		50 - 150	03/18/25 20:07	03/24/25 10:38	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	ND		1.00	ug/L		03/19/25 04:26	03/19/25 14:17	1

Method: SW846 6020B - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	ND		1.00	ug/L		03/19/25 08:35	03/19/25 20:43	1

Client Sample ID: DUP-1

Lab Sample ID: 570-222752-9

Date Collected: 03/11/25 12:45

Matrix: Water

Date Received: 03/13/25 10:00

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.50	ug/L			03/20/25 23:35	1
Ethylbenzene	ND		1.0	ug/L			03/20/25 23:35	1
Toluene	ND		1.0	ug/L			03/20/25 23:35	1
m,p-Xylene	ND		2.0	ug/L			03/20/25 23:35	1
o-Xylene	ND		1.0	ug/L			03/20/25 23:35	1
Xylenes, Total	ND		2.0	ug/L			03/20/25 23:35	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	103		70 - 123		03/20/25 23:35	1
4-Bromofluorobenzene (Surr)	92		80 - 120		03/20/25 23:35	1
Dibromofluoromethane (Surr)	98		78 - 120		03/20/25 23:35	1
Toluene-d8 (Surr)	99		80 - 120		03/20/25 23:35	1

Method: NWTPH-Gx - Northwest - Volatile Petroleum Products (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
TPH as Gasoline (C4-C13)	ND		100	ug/L			03/21/25 07:00	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		50 - 150		03/21/25 07:00	1

Method: NWTPH-Dx - Northwest - Semi-Volatile Petroleum Products (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
TPH as Diesel Range	ND		100	ug/L		03/18/25 20:07	03/24/25 10:59	1
TPH as Motor Oil Range	ND		100	ug/L		03/18/25 20:07	03/24/25 10:59	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
n-Octacosane (Surr)	96		50 - 150	03/18/25 20:07	03/24/25 10:59	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	ND		1.00	ug/L		03/19/25 04:26	03/19/25 14:19	1

Method: SW846 6020B - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	ND		1.00	ug/L		03/19/25 08:35	03/19/25 20:45	1

Eurofins Calscience

Client Sample Results

Client: Stantec Consulting Services Inc
Project/Site: ExxonMobil 99KRK/203724087

Job ID: 570-222752-1

Client Sample ID: EQB

Lab Sample ID: 570-222752-10

Date Collected: 03/11/25 11:05

Matrix: Water

Date Received: 03/13/25 10:00

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.50	ug/L			03/20/25 18:34	1
Ethylbenzene	ND		1.0	ug/L			03/20/25 18:34	1
Toluene	ND		1.0	ug/L			03/20/25 18:34	1
m,p-Xylene	ND		2.0	ug/L			03/20/25 18:34	1
o-Xylene	ND		1.0	ug/L			03/20/25 18:34	1
Xylenes, Total	ND		2.0	ug/L			03/20/25 18:34	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	99		70 - 123		03/20/25 18:34	1
4-Bromofluorobenzene (Surr)	91		80 - 120		03/20/25 18:34	1
Dibromofluoromethane (Surr)	95		78 - 120		03/20/25 18:34	1
Toluene-d8 (Surr)	98		80 - 120		03/20/25 18:34	1

Method: NWTPH-Gx - Northwest - Volatile Petroleum Products (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
TPH as Gasoline (C4-C13)	ND		100	ug/L			03/21/25 05:15	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		50 - 150		03/21/25 05:15	1

Client Sample ID: Trip Blank-1

Lab Sample ID: 570-222752-11

Date Collected: 03/12/25 00:00

Matrix: Water

Date Received: 03/13/25 10:00

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.50	ug/L			03/20/25 18:54	1
Ethylbenzene	ND		1.0	ug/L			03/20/25 18:54	1
Toluene	ND		1.0	ug/L			03/20/25 18:54	1
m,p-Xylene	ND		2.0	ug/L			03/20/25 18:54	1
o-Xylene	ND		1.0	ug/L			03/20/25 18:54	1
Xylenes, Total	ND		2.0	ug/L			03/20/25 18:54	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	100		70 - 123		03/20/25 18:54	1
4-Bromofluorobenzene (Surr)	91		80 - 120		03/20/25 18:54	1
Dibromofluoromethane (Surr)	95		78 - 120		03/20/25 18:54	1
Toluene-d8 (Surr)	101		80 - 120		03/20/25 18:54	1

Client Sample ID: Trip Blank-2

Lab Sample ID: 570-222752-12

Date Collected: 03/12/25 00:00

Matrix: Water

Date Received: 03/13/25 10:00

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.50	ug/L			03/20/25 19:14	1
Ethylbenzene	ND		1.0	ug/L			03/20/25 19:14	1
Toluene	ND		1.0	ug/L			03/20/25 19:14	1
m,p-Xylene	ND		2.0	ug/L			03/20/25 19:14	1
o-Xylene	ND		1.0	ug/L			03/20/25 19:14	1
Xylenes, Total	ND		2.0	ug/L			03/20/25 19:14	1

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Client Sample Results

Client: Stantec Consulting Services Inc
Project/Site: ExxonMobil 99KRK/203724087

Job ID: 570-222752-1

Client Sample ID: Trip Blank-2

Lab Sample ID: 570-222752-12

Date Collected: 03/12/25 00:00

Matrix: Water

Date Received: 03/13/25 10:00

<i>Surrogate</i>	<i>%Recovery</i>	<i>Qualifier</i>	<i>Limits</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
1,2-Dichloroethane-d4 (Surr)	100		70 - 123		03/20/25 19:14	1
4-Bromofluorobenzene (Surr)	93		80 - 120		03/20/25 19:14	1
Dibromofluoromethane (Surr)	96		78 - 120		03/20/25 19:14	1
Toluene-d8 (Surr)	99		80 - 120		03/20/25 19:14	1

Surrogate Summary

Client: Stantec Consulting Services Inc
Project/Site: ExxonMobil 99KRK/203724087

Job ID: 570-222752-1

Method: 8260D - Volatile Organic Compounds by GC/MS

Matrix: Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)			
		DCA (70-123)	BFB (80-120)	DBFM (78-120)	TOL (80-120)
570-222752-1	W-5-MW01	101	91	97	101
570-222752-2	W-4-MW02	103	91	97	98
570-222752-3	W-5-MW03	104	94	97	100
570-222752-4	W-7-MW05	102	94	99	99
570-222752-5	W-5-MW06	102	93	98	99
570-222752-6	W-4-MW07	102	89	98	98
570-222752-7	W-6-MW08	102	92	98	99
570-222752-8	W-6-MW10	100	93	97	100
570-222752-9	DUP-1	103	92	98	99
570-222752-10	EQB	99	91	95	98
570-222752-11	Trip Blank-1	100	91	95	101
570-222752-12	Trip Blank-2	100	93	96	99
LCS 570-547503/1003	Lab Control Sample	102	95	98	99
LCSD 570-547503/4	Lab Control Sample Dup	100	95	95	101
MB 570-547503/7	Method Blank	102	90	96	99
Surrogate Legend					
DCA = 1,2-Dichloroethane-d4 (Surr)					
BFB = 4-Bromofluorobenzene (Surr)					
DBFM = Dibromofluoromethane (Surr)					
TOL = Toluene-d8 (Surr)					

Method: NWTPH-Gx - Northwest - Volatile Petroleum Products (GC)

Matrix: Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)	
		BFB1 (50-150)	
570-222752-1	W-5-MW01	98	
570-222752-2	W-4-MW02	96	
570-222752-2 MS	W-4-MW02	97	
570-222752-2 MSD	W-4-MW02	98	
570-222752-3	W-5-MW03	100	
570-222752-4	W-7-MW05	95	
570-222752-5	W-5-MW06	98	
570-222752-6	W-4-MW07	97	
570-222752-7	W-6-MW08	97	
570-222752-8	W-6-MW10	95	
570-222752-9	DUP-1	95	
570-222752-10	EQB	97	
LCS 570-547591/31	Lab Control Sample	99	
LCSD 570-547591/32	Lab Control Sample Dup	98	
MB 570-547591/33	Method Blank	95	
Surrogate Legend			
BFB = 4-Bromofluorobenzene (Surr)			

Surrogate Summary

Client: Stantec Consulting Services Inc
Project/Site: ExxonMobil 99KRK/203724087

Job ID: 570-222752-1

Method: NWTPH-Dx - Northwest - Semi-Volatile Petroleum Products (GC)

Matrix: Water

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)					
Lab Sample ID	Client Sample ID	OTCSN (50-150)					
570-222752-1	W-5-MW01	109					
570-222752-2	W-4-MW02	108					
570-222752-3	W-5-MW03	102					
570-222752-4	W-7-MW05	103					
570-222752-5	W-5-MW06	107					
570-222752-6	W-4-MW07	99					
570-222752-7	W-6-MW08	102					
570-222752-8	W-6-MW10	105					
570-222752-9	DUP-1	96					
LCS 570-546605/2-A	Lab Control Sample	113					
LCS 570-546605/4-A	Lab Control Sample	115					
LCSD 570-546605/3-A	Lab Control Sample Dup	107					
LCSD 570-546605/5-A	Lab Control Sample Dup	109					
MB 570-546605/1-A	Method Blank	113					
Surrogate Legend							
OTCSN = n-Octacosane (Surr)							

QC Sample Results

Client: Stantec Consulting Services Inc
Project/Site: ExxonMobil 99KRK/203724087

Job ID: 570-222752-1

Method: 8260D - Volatile Organic Compounds by GC/MS

Lab Sample ID: MB 570-547503/7

Matrix: Water

Analysis Batch: 547503

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.50	ug/L			03/20/25 18:13	1
Ethylbenzene	ND		1.0	ug/L			03/20/25 18:13	1
Toluene	ND		1.0	ug/L			03/20/25 18:13	1
m,p-Xylene	ND		2.0	ug/L			03/20/25 18:13	1
o-Xylene	ND		1.0	ug/L			03/20/25 18:13	1
Xylenes, Total	ND		2.0	ug/L			03/20/25 18:13	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	102		70 - 123		03/20/25 18:13	1
4-Bromofluorobenzene (Surr)	90		80 - 120		03/20/25 18:13	1
Dibromofluoromethane (Surr)	96		78 - 120		03/20/25 18:13	1
Toluene-d8 (Surr)	99		80 - 120		03/20/25 18:13	1

Lab Sample ID: LCS 570-547503/1003

Matrix: Water

Analysis Batch: 547503

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	20.0	19.60		ug/L		98	80 - 121
Ethylbenzene	20.0	20.63		ug/L		103	80 - 121
Toluene	20.0	20.06		ug/L		100	80 - 120
m,p-Xylene	40.0	40.06		ug/L		100	80 - 123
o-Xylene	20.0	19.96		ug/L		100	80 - 122

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	102		70 - 123
4-Bromofluorobenzene (Surr)	95		80 - 120
Dibromofluoromethane (Surr)	98		78 - 120
Toluene-d8 (Surr)	99		80 - 120

Lab Sample ID: LCSD 570-547503/4

Matrix: Water

Analysis Batch: 547503

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	20.0	18.55		ug/L		93	80 - 121	6	20
Ethylbenzene	20.0	19.07		ug/L		95	80 - 121	8	20
Toluene	20.0	18.97		ug/L		95	80 - 120	6	20
m,p-Xylene	40.0	37.17		ug/L		93	80 - 123	7	20
o-Xylene	20.0	18.75		ug/L		94	80 - 122	6	20

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	100		70 - 123
4-Bromofluorobenzene (Surr)	95		80 - 120
Dibromofluoromethane (Surr)	95		78 - 120
Toluene-d8 (Surr)	101		80 - 120

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QC Sample Results

Client: Stantec Consulting Services Inc
Project/Site: ExxonMobil 99KRK/203724087

Job ID: 570-222752-1

Method: NWTPH-Gx - Northwest - Volatile Petroleum Products (GC)

Lab Sample ID: MB 570-547591/33

Matrix: Water

Analysis Batch: 547591

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
TPH as Gasoline (C4-C13)	ND		100	ug/L			03/21/25 01:21	1
Surrogate	MB %Recovery	MB Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		50 - 150				03/21/25 01:21	1

Lab Sample ID: LCS 570-547591/31

Matrix: Water

Analysis Batch: 547591

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
TPH as Gasoline (C4-C13)	2000	1920		ug/L		96	76 - 128
Surrogate	LCS %Recovery	LCS Qualifier	Limits				
4-Bromofluorobenzene (Surr)	99		50 - 150				

Lab Sample ID: LCSD 570-547591/32

Matrix: Water

Analysis Batch: 547591

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
TPH as Gasoline (C4-C13)	2000	1862		ug/L		93	76 - 128	3	10
Surrogate	LCSD %Recovery	LCSD Qualifier	Limits						
4-Bromofluorobenzene (Surr)	98		50 - 150						

Lab Sample ID: 570-222752-2 MS

Matrix: Water

Analysis Batch: 547591

Client Sample ID: W-4-MW02

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
TPH as Gasoline (C4-C13)	ND		2000	1905		ug/L		95	69 - 132
Surrogate	MS %Recovery	MS Qualifier	Limits						
4-Bromofluorobenzene (Surr)	97		50 - 150						

Lab Sample ID: 570-222752-2 MSD

Matrix: Water

Analysis Batch: 547591

Client Sample ID: W-4-MW02

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
TPH as Gasoline (C4-C13)	ND		2000	1893		ug/L		95	69 - 132	1	15
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
4-Bromofluorobenzene (Surr)	98		50 - 150								

QC Sample Results

Client: Stantec Consulting Services Inc
Project/Site: ExxonMobil 99KRK/203724087

Job ID: 570-222752-1

Method: NWTPH-Dx - Northwest - Semi-Volatile Petroleum Products (GC)

Lab Sample ID: MB 570-546605/1-A

Matrix: Water

Analysis Batch: 548442

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 546605

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
TPH as Diesel Range	ND		100	ug/L		03/18/25 20:07	03/24/25 06:24	1
TPH as Motor Oil Range	ND		100	ug/L		03/18/25 20:07	03/24/25 06:24	1
Surrogate	MB %Recovery	MB Qualifier	Limits			Prepared	Analyzed	Dil Fac
n-Octacosane (Surr)	113		50 - 150			03/18/25 20:07	03/24/25 06:24	1

Lab Sample ID: LCS 570-546605/2-A

Matrix: Water

Analysis Batch: 548442

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 546605

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits	
TPH as Diesel (C10-C28)	4000	4099		ug/L		102	68 - 120	
Surrogate	LCS %Recovery	LCS Qualifier	Limits					
n-Octacosane (Surr)	113		50 - 150					

Lab Sample ID: LCS 570-546605/4-A

Matrix: Water

Analysis Batch: 548442

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 546605

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits	
TPH as Motor Oil (C17-C44)	4000	4625		ug/L		116	71 - 129	
Surrogate	LCS %Recovery	LCS Qualifier	Limits					
n-Octacosane (Surr)	115		50 - 150					

Lab Sample ID: LCSD 570-546605/3-A

Matrix: Water

Analysis Batch: 548442

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 546605

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
TPH as Diesel (C10-C28)	4000	3957		ug/L		99	68 - 120	4	20
Surrogate	LCSD %Recovery	LCSD Qualifier	Limits						
n-Octacosane (Surr)	107		50 - 150						

Lab Sample ID: LCSD 570-546605/5-A

Matrix: Water

Analysis Batch: 548442

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 546605

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
TPH as Motor Oil (C17-C44)	4000	3980		ug/L		99	71 - 129	15	20
Surrogate	LCSD %Recovery	LCSD Qualifier	Limits						
n-Octacosane (Surr)	109		50 - 150						

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QC Sample Results

Client: Stantec Consulting Services Inc
Project/Site: ExxonMobil 99KRK/203724087

Job ID: 570-222752-1

Method: 6020B - Metals (ICP/MS)

Lab Sample ID: MB 570-546684/1-A

Matrix: Water

Analysis Batch: 547002

Client Sample ID: Method Blank

Prep Type: Total Recoverable

Prep Batch: 546684

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	ND		1.00	ug/L		03/19/25 04:26	03/19/25 14:32	1

Lab Sample ID: LCS 570-546684/2-A

Matrix: Water

Analysis Batch: 547002

Client Sample ID: Lab Control Sample

Prep Type: Total Recoverable

Prep Batch: 546684

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Lead	80.0	78.24		ug/L		98	80 - 120

Lab Sample ID: LCSD 570-546684/3-A

Matrix: Water

Analysis Batch: 547002

Client Sample ID: Lab Control Sample Dup

Prep Type: Total Recoverable

Prep Batch: 546684

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Lead	80.0	80.02		ug/L		100	80 - 120	2	20

Lab Sample ID: 550-229717-AA-1-B MS

Matrix: Water

Analysis Batch: 547002

Client Sample ID: Matrix Spike

Prep Type: Total Recoverable

Prep Batch: 546684

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Lead	ND		80.0	76.19		ug/L		95	79 - 121

Lab Sample ID: 550-229717-AA-1-C MSD

Matrix: Water

Analysis Batch: 547002

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total Recoverable

Prep Batch: 546684

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Lead	ND		80.0	74.96		ug/L		94	79 - 121	2	10

Lab Sample ID: MB 570-546754/1-A

Matrix: Water

Analysis Batch: 547124

Client Sample ID: Method Blank

Prep Type: Total Recoverable

Prep Batch: 546754

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	ND		1.00	ug/L		03/19/25 08:35	03/19/25 19:51	1

Lab Sample ID: LCS 570-546754/2-A

Matrix: Water

Analysis Batch: 547124

Client Sample ID: Lab Control Sample

Prep Type: Total Recoverable

Prep Batch: 546754

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Lead	80.0	80.49		ug/L		101	80 - 120

Lab Sample ID: LCSD 570-546754/3-A

Matrix: Water

Analysis Batch: 547124

Client Sample ID: Lab Control Sample Dup

Prep Type: Total Recoverable

Prep Batch: 546754

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Lead	80.0	82.37		ug/L		103	80 - 120	2	20

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QC Sample Results

Client: Stantec Consulting Services Inc
Project/Site: ExxonMobil 99KRK/203724087

Job ID: 570-222752-1

Method: 6020B - Metals (ICP/MS)

Lab Sample ID: 570-222373-E-2-B MS

Matrix: Water

Analysis Batch: 547124

Client Sample ID: Matrix Spike

Prep Type: Dissolved

Prep Batch: 546754

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Lead	ND		80.0	65.12		ug/L		81	79 - 121

Lab Sample ID: 570-222373-E-2-C MSD

Matrix: Water

Analysis Batch: 547124

Client Sample ID: Matrix Spike Duplicate

Prep Type: Dissolved

Prep Batch: 546754

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Lead	ND		80.0	66.21		ug/L		82	79 - 121	2	10

QC Association Summary

Client: Stantec Consulting Services Inc
Project/Site: ExxonMobil 99KRK/203724087

Job ID: 570-222752-1

GC/MS VOA

Analysis Batch: 547503

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-222752-1	W-5-MW01	Total/NA	Water	8260D	
570-222752-2	W-4-MW02	Total/NA	Water	8260D	
570-222752-3	W-5-MW03	Total/NA	Water	8260D	
570-222752-4	W-7-MW05	Total/NA	Water	8260D	
570-222752-5	W-5-MW06	Total/NA	Water	8260D	
570-222752-6	W-4-MW07	Total/NA	Water	8260D	
570-222752-7	W-6-MW08	Total/NA	Water	8260D	
570-222752-8	W-6-MW10	Total/NA	Water	8260D	
570-222752-9	DUP-1	Total/NA	Water	8260D	
570-222752-10	EQB	Total/NA	Water	8260D	
570-222752-11	Trip Blank-1	Total/NA	Water	8260D	
570-222752-12	Trip Blank-2	Total/NA	Water	8260D	
MB 570-547503/7	Method Blank	Total/NA	Water	8260D	
LCS 570-547503/1003	Lab Control Sample	Total/NA	Water	8260D	
LCSD 570-547503/4	Lab Control Sample Dup	Total/NA	Water	8260D	

GC VOA

Analysis Batch: 547591

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-222752-1	W-5-MW01	Total/NA	Water	NWTPH-Gx	
570-222752-2	W-4-MW02	Total/NA	Water	NWTPH-Gx	
570-222752-3	W-5-MW03	Total/NA	Water	NWTPH-Gx	
570-222752-4	W-7-MW05	Total/NA	Water	NWTPH-Gx	
570-222752-5	W-5-MW06	Total/NA	Water	NWTPH-Gx	
570-222752-6	W-4-MW07	Total/NA	Water	NWTPH-Gx	
570-222752-7	W-6-MW08	Total/NA	Water	NWTPH-Gx	
570-222752-8	W-6-MW10	Total/NA	Water	NWTPH-Gx	
570-222752-9	DUP-1	Total/NA	Water	NWTPH-Gx	
570-222752-10	EQB	Total/NA	Water	NWTPH-Gx	
MB 570-547591/33	Method Blank	Total/NA	Water	NWTPH-Gx	
LCS 570-547591/31	Lab Control Sample	Total/NA	Water	NWTPH-Gx	
LCSD 570-547591/32	Lab Control Sample Dup	Total/NA	Water	NWTPH-Gx	
570-222752-2 MS	W-4-MW02	Total/NA	Water	NWTPH-Gx	
570-222752-2 MSD	W-4-MW02	Total/NA	Water	NWTPH-Gx	

GC Semi VOA

Prep Batch: 546605

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-222752-1	W-5-MW01	Total/NA	Water	3510C	
570-222752-2	W-4-MW02	Total/NA	Water	3510C	
570-222752-3	W-5-MW03	Total/NA	Water	3510C	
570-222752-4	W-7-MW05	Total/NA	Water	3510C	
570-222752-5	W-5-MW06	Total/NA	Water	3510C	
570-222752-6	W-4-MW07	Total/NA	Water	3510C	
570-222752-7	W-6-MW08	Total/NA	Water	3510C	
570-222752-8	W-6-MW10	Total/NA	Water	3510C	
570-222752-9	DUP-1	Total/NA	Water	3510C	
MB 570-546605/1-A	Method Blank	Total/NA	Water	3510C	
LCS 570-546605/2-A	Lab Control Sample	Total/NA	Water	3510C	
LCSD 570-546605/4-A	Lab Control Sample	Total/NA	Water	3510C	

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QC Association Summary

Client: Stantec Consulting Services Inc
Project/Site: ExxonMobil 99KRK/203724087

Job ID: 570-222752-1

GC Semi VOA (Continued)

Prep Batch: 546605 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCSD 570-546605/3-A	Lab Control Sample Dup	Total/NA	Water	3510C	
LCSD 570-546605/5-A	Lab Control Sample Dup	Total/NA	Water	3510C	

Analysis Batch: 548442

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-222752-1	W-5-MW01	Total/NA	Water	NWTPH-Dx	546605
570-222752-2	W-4-MW02	Total/NA	Water	NWTPH-Dx	546605
570-222752-3	W-5-MW03	Total/NA	Water	NWTPH-Dx	546605
570-222752-4	W-7-MW05	Total/NA	Water	NWTPH-Dx	546605
570-222752-5	W-5-MW06	Total/NA	Water	NWTPH-Dx	546605
570-222752-6	W-4-MW07	Total/NA	Water	NWTPH-Dx	546605
570-222752-7	W-6-MW08	Total/NA	Water	NWTPH-Dx	546605
570-222752-8	W-6-MW10	Total/NA	Water	NWTPH-Dx	546605
570-222752-9	DUP-1	Total/NA	Water	NWTPH-Dx	546605
MB 570-546605/1-A	Method Blank	Total/NA	Water	NWTPH-Dx	546605
LCS 570-546605/2-A	Lab Control Sample	Total/NA	Water	NWTPH-Dx	546605
LCS 570-546605/4-A	Lab Control Sample	Total/NA	Water	NWTPH-Dx	546605
LCSD 570-546605/3-A	Lab Control Sample Dup	Total/NA	Water	NWTPH-Dx	546605
LCSD 570-546605/5-A	Lab Control Sample Dup	Total/NA	Water	NWTPH-Dx	546605

Metals

Prep Batch: 546684

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-222752-1	W-5-MW01	Total Recoverable	Water	3005A	
570-222752-2	W-4-MW02	Total Recoverable	Water	3005A	
570-222752-3	W-5-MW03	Total Recoverable	Water	3005A	
570-222752-4	W-7-MW05	Total Recoverable	Water	3005A	
570-222752-5	W-5-MW06	Total Recoverable	Water	3005A	
570-222752-6	W-4-MW07	Total Recoverable	Water	3005A	
570-222752-7	W-6-MW08	Total Recoverable	Water	3005A	
570-222752-8	W-6-MW10	Total Recoverable	Water	3005A	
570-222752-9	DUP-1	Total Recoverable	Water	3005A	
MB 570-546684/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 570-546684/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
LCSD 570-546684/3-A	Lab Control Sample Dup	Total Recoverable	Water	3005A	
550-229717-AA-1-B MS	Matrix Spike	Total Recoverable	Water	3005A	
550-229717-AA-1-C MSD	Matrix Spike Duplicate	Total Recoverable	Water	3005A	

Prep Batch: 546754

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-222752-1	W-5-MW01	Dissolved	Water	3005A	
570-222752-2	W-4-MW02	Dissolved	Water	3005A	
570-222752-3	W-5-MW03	Dissolved	Water	3005A	
570-222752-4	W-7-MW05	Dissolved	Water	3005A	
570-222752-5	W-5-MW06	Dissolved	Water	3005A	
570-222752-6	W-4-MW07	Dissolved	Water	3005A	
570-222752-7	W-6-MW08	Dissolved	Water	3005A	
570-222752-8	W-6-MW10	Dissolved	Water	3005A	
570-222752-9	DUP-1	Dissolved	Water	3005A	
MB 570-546754/1-A	Method Blank	Total Recoverable	Water	3005A	

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QC Association Summary

Client: Stantec Consulting Services Inc
Project/Site: ExxonMobil 99KRK/203724087

Job ID: 570-222752-1

Metals (Continued)

Prep Batch: 546754 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 570-546754/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
LCSD 570-546754/3-A	Lab Control Sample Dup	Total Recoverable	Water	3005A	
570-222373-E-2-B MS	Matrix Spike	Dissolved	Water	3005A	
570-222373-E-2-C MSD	Matrix Spike Duplicate	Dissolved	Water	3005A	

Analysis Batch: 547002

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-222752-1	W-5-MW01	Total Recoverable	Water	6020B	546684
570-222752-2	W-4-MW02	Total Recoverable	Water	6020B	546684
570-222752-3	W-5-MW03	Total Recoverable	Water	6020B	546684
570-222752-4	W-7-MW05	Total Recoverable	Water	6020B	546684
570-222752-5	W-5-MW06	Total Recoverable	Water	6020B	546684
570-222752-6	W-4-MW07	Total Recoverable	Water	6020B	546684
570-222752-7	W-6-MW08	Total Recoverable	Water	6020B	546684
570-222752-8	W-6-MW10	Total Recoverable	Water	6020B	546684
570-222752-9	DUP-1	Total Recoverable	Water	6020B	546684
MB 570-546684/1-A	Method Blank	Total Recoverable	Water	6020B	546684
LCS 570-546684/2-A	Lab Control Sample	Total Recoverable	Water	6020B	546684
LCSD 570-546684/3-A	Lab Control Sample Dup	Total Recoverable	Water	6020B	546684
550-229717-AA-1-B MS	Matrix Spike	Total Recoverable	Water	6020B	546684
550-229717-AA-1-C MSD	Matrix Spike Duplicate	Total Recoverable	Water	6020B	546684

Analysis Batch: 547124

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-222752-1	W-5-MW01	Dissolved	Water	6020B	546754
570-222752-2	W-4-MW02	Dissolved	Water	6020B	546754
570-222752-3	W-5-MW03	Dissolved	Water	6020B	546754
570-222752-4	W-7-MW05	Dissolved	Water	6020B	546754
570-222752-5	W-5-MW06	Dissolved	Water	6020B	546754
570-222752-6	W-4-MW07	Dissolved	Water	6020B	546754
570-222752-7	W-6-MW08	Dissolved	Water	6020B	546754
570-222752-8	W-6-MW10	Dissolved	Water	6020B	546754
570-222752-9	DUP-1	Dissolved	Water	6020B	546754
MB 570-546754/1-A	Method Blank	Total Recoverable	Water	6020B	546754
LCS 570-546754/2-A	Lab Control Sample	Total Recoverable	Water	6020B	546754
LCSD 570-546754/3-A	Lab Control Sample Dup	Total Recoverable	Water	6020B	546754
570-222373-E-2-B MS	Matrix Spike	Dissolved	Water	6020B	546754
570-222373-E-2-C MSD	Matrix Spike Duplicate	Dissolved	Water	6020B	546754

Lab Chronicle

Client: Stantec Consulting Services Inc
Project/Site: ExxonMobil 99KRK/203724087

Job ID: 570-222752-1

Client Sample ID: W-5-MW01

Lab Sample ID: 570-222752-1

Date Collected: 03/12/25 10:50

Matrix: Water

Date Received: 03/13/25 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	8260D		1	5 mL	5 mL	547503	03/20/25 20:55	PT	EET CAL 4
		Instrument ID: GCMSXX								
Total/NA	Analysis	NWTPH-Gx		1	5 mL	5 mL	547591	03/21/25 03:05	A9VE	EET CAL 4
		Instrument ID: GC74								
Total/NA	Prep	3510C			258.2 mL	2.5 mL	546605	03/18/25 20:07	TVD6	EET CAL 4
Total/NA	Analysis	NWTPH-Dx		1	10 mL	10 mL	548442	03/24/25 08:10	H6FE	EET CAL 4
		Instrument ID: GC47								
Dissolved	Prep	3005A			50 mL	50 mL	546754	03/19/25 08:35	JP8N	EET CAL 4
Dissolved	Analysis	6020B		1			547124	03/19/25 20:29	P1R	EET CAL 4
		Instrument ID: ICPMS10								
Total Recoverable	Prep	3005A			50 mL	50 mL	546684	03/19/25 04:26	JP8N	EET CAL 4
Total Recoverable	Analysis	6020B		1			547002	03/19/25 13:46	P1R	EET CAL 4
		Instrument ID: ICPMS09								

Client Sample ID: W-4-MW02

Lab Sample ID: 570-222752-2

Date Collected: 03/11/25 12:45

Matrix: Water

Date Received: 03/13/25 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	8260D		1	5 mL	5 mL	547503	03/20/25 21:15	PT	EET CAL 4
		Instrument ID: GCMSXX								
Total/NA	Analysis	NWTPH-Gx		1	5 mL	5 mL	547591	03/21/25 01:47	A9VE	EET CAL 4
		Instrument ID: GC74								
Total/NA	Prep	3510C			244.5 mL	2.5 mL	546605	03/18/25 20:07	TVD6	EET CAL 4
Total/NA	Analysis	NWTPH-Dx		1	10 mL	10 mL	548442	03/24/25 08:31	H6FE	EET CAL 4
		Instrument ID: GC47								
Dissolved	Prep	3005A			50 mL	50 mL	546754	03/19/25 08:35	JP8N	EET CAL 4
Dissolved	Analysis	6020B		1			547124	03/19/25 20:31	P1R	EET CAL 4
		Instrument ID: ICPMS10								
Total Recoverable	Prep	3005A			50 mL	50 mL	546684	03/19/25 04:26	JP8N	EET CAL 4
Total Recoverable	Analysis	6020B		1			547002	03/19/25 14:01	P1R	EET CAL 4
		Instrument ID: ICPMS09								

Client Sample ID: W-5-MW03

Lab Sample ID: 570-222752-3

Date Collected: 03/12/25 11:30

Matrix: Water

Date Received: 03/13/25 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	8260D		1	5 mL	5 mL	547503	03/20/25 21:35	PT	EET CAL 4
		Instrument ID: GCMSXX								
Total/NA	Analysis	NWTPH-Gx		1	5 mL	5 mL	547591	03/21/25 03:31	A9VE	EET CAL 4
		Instrument ID: GC74								
Total/NA	Prep	3510C			258.7 mL	2.5 mL	546605	03/18/25 20:07	TVD6	EET CAL 4
Total/NA	Analysis	NWTPH-Dx		1	10 mL	10 mL	548442	03/24/25 08:52	H6FE	EET CAL 4
		Instrument ID: GC47								

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Lab Chronicle

Client: Stantec Consulting Services Inc
Project/Site: ExxonMobil 99KRK/203724087

Job ID: 570-222752-1

Client Sample ID: W-5-MW03

Lab Sample ID: 570-222752-3

Date Collected: 03/12/25 11:30

Matrix: Water

Date Received: 03/13/25 10:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Dissolved	Prep	3005A			50 mL	50 mL	546754	03/19/25 08:35	JP8N	EET CAL 4
Dissolved	Analysis	6020B		1			547124	03/19/25 20:33	P1R	EET CAL 4
Instrument ID: ICPMS10										
Total Recoverable	Prep	3005A			50 mL	50 mL	546684	03/19/25 04:26	JP8N	EET CAL 4
Total Recoverable	Analysis	6020B		1			547002	03/19/25 14:04	P1R	EET CAL 4
Instrument ID: ICPMS09										

Client Sample ID: W-7-MW05

Lab Sample ID: 570-222752-4

Date Collected: 03/11/25 11:35

Matrix: Water

Date Received: 03/13/25 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	8260D		1	5 mL	5 mL	547503	03/20/25 21:55	PT	EET CAL 4
Instrument ID: GCMSXX										
Total/NA	Analysis	NWTPH-Gx		1	5 mL	5 mL	547591	03/21/25 03:57	A9VE	EET CAL 4
Instrument ID: GC74										
Total/NA	Prep	3510C			245.7 mL	2.5 mL	546605	03/18/25 20:07	TVD6	EET CAL 4
Total/NA	Analysis	NWTPH-Dx		1	10 mL	10 mL	548442	03/24/25 09:14	H6FE	EET CAL 4
Instrument ID: GC47										
Dissolved	Prep	3005A			50 mL	50 mL	546754	03/19/25 08:35	JP8N	EET CAL 4
Dissolved	Analysis	6020B		1			547124	03/19/25 20:35	P1R	EET CAL 4
Instrument ID: ICPMS10										
Total Recoverable	Prep	3005A			50 mL	50 mL	546684	03/19/25 04:26	JP8N	EET CAL 4
Total Recoverable	Analysis	6020B		1			547002	03/19/25 14:06	P1R	EET CAL 4
Instrument ID: ICPMS09										

Client Sample ID: W-5-MW06

Lab Sample ID: 570-222752-5

Date Collected: 03/12/25 09:50

Matrix: Water

Date Received: 03/13/25 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	8260D		1	5 mL	5 mL	547503	03/20/25 22:15	PT	EET CAL 4
Instrument ID: GCMSXX										
Total/NA	Analysis	NWTPH-Gx		1	5 mL	5 mL	547591	03/21/25 04:23	A9VE	EET CAL 4
Instrument ID: GC74										
Total/NA	Prep	3510C			248 mL	2.5 mL	546605	03/18/25 20:07	TVD6	EET CAL 4
Total/NA	Analysis	NWTPH-Dx		1	10 mL	10 mL	548442	03/24/25 09:35	H6FE	EET CAL 4
Instrument ID: GC47										
Dissolved	Prep	3005A			50 mL	50 mL	546754	03/19/25 08:35	JP8N	EET CAL 4
Dissolved	Analysis	6020B		1			547124	03/19/25 20:37	P1R	EET CAL 4
Instrument ID: ICPMS10										
Total Recoverable	Prep	3005A			50 mL	50 mL	546684	03/19/25 04:26	JP8N	EET CAL 4
Total Recoverable	Analysis	6020B		1			547002	03/19/25 14:09	P1R	EET CAL 4
Instrument ID: ICPMS09										

Lab Chronicle

Client: Stantec Consulting Services Inc
Project/Site: ExxonMobil 99KRK/203724087

Job ID: 570-222752-1

Client Sample ID: W-4-MW07

Lab Sample ID: 570-222752-6

Date Collected: 03/10/25 11:25

Matrix: Water

Date Received: 03/13/25 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	8260D		1	5 mL	5 mL	547503	03/20/25 22:35	PT	EET CAL 4
		Instrument ID: GCMSXX								
Total/NA	Analysis	NWTPH-Gx		1	5 mL	5 mL	547591	03/21/25 05:41	A9VE	EET CAL 4
		Instrument ID: GC74								
Total/NA	Prep	3510C			226.1 mL	2.5 mL	546605	03/18/25 20:07	TVD6	EET CAL 4
Total/NA	Analysis	NWTPH-Dx		1	10 mL	10 mL	548442	03/24/25 09:56	H6FE	EET CAL 4
		Instrument ID: GC47								
Dissolved	Prep	3005A			50 mL	50 mL	546754	03/19/25 08:35	JP8N	EET CAL 4
Dissolved	Analysis	6020B		1			547124	03/19/25 20:39	P1R	EET CAL 4
		Instrument ID: ICPMS10								
Total Recoverable	Prep	3005A			50 mL	50 mL	546684	03/19/25 04:26	JP8N	EET CAL 4
Total Recoverable	Analysis	6020B		1			547002	03/19/25 14:11	P1R	EET CAL 4
		Instrument ID: ICPMS09								

Client Sample ID: W-6-MW08

Lab Sample ID: 570-222752-7

Date Collected: 03/10/25 10:45

Matrix: Water

Date Received: 03/13/25 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	8260D		1	5 mL	5 mL	547503	03/20/25 22:55	PT	EET CAL 4
		Instrument ID: GCMSXX								
Total/NA	Analysis	NWTPH-Gx		1	5 mL	5 mL	547591	03/21/25 06:07	A9VE	EET CAL 4
		Instrument ID: GC74								
Total/NA	Prep	3510C			249.1 mL	2.5 mL	546605	03/18/25 20:07	TVD6	EET CAL 4
Total/NA	Analysis	NWTPH-Dx		1	10 mL	10 mL	548442	03/24/25 10:17	H6FE	EET CAL 4
		Instrument ID: GC47								
Dissolved	Prep	3005A			50 mL	50 mL	546754	03/19/25 08:35	JP8N	EET CAL 4
Dissolved	Analysis	6020B		1			547124	03/19/25 20:41	P1R	EET CAL 4
		Instrument ID: ICPMS10								
Total Recoverable	Prep	3005A			50 mL	50 mL	546684	03/19/25 04:26	JP8N	EET CAL 4
Total Recoverable	Analysis	6020B		1			547002	03/19/25 14:14	P1R	EET CAL 4
		Instrument ID: ICPMS09								

Client Sample ID: W-6-MW10

Lab Sample ID: 570-222752-8

Date Collected: 03/11/25 12:10

Matrix: Water

Date Received: 03/13/25 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	8260D		1	5 mL	5 mL	547503	03/20/25 23:15	PT	EET CAL 4
		Instrument ID: GCMSXX								
Total/NA	Analysis	NWTPH-Gx		1	5 mL	5 mL	547591	03/21/25 06:34	A9VE	EET CAL 4
		Instrument ID: GC74								
Total/NA	Prep	3510C			254.4 mL	2.5 mL	546605	03/18/25 20:07	TVD6	EET CAL 4
Total/NA	Analysis	NWTPH-Dx		1	10 mL	10 mL	548442	03/24/25 10:38	H6FE	EET CAL 4
		Instrument ID: GC47								

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Lab Chronicle

Client: Stantec Consulting Services Inc
Project/Site: ExxonMobil 99KRK/203724087

Job ID: 570-222752-1

Client Sample ID: W-6-MW10

Date Collected: 03/11/25 12:10

Date Received: 03/13/25 10:00

Lab Sample ID: 570-222752-8

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Dissolved	Prep	3005A			50 mL	50 mL	546754	03/19/25 08:35	JP8N	EET CAL 4
Dissolved	Analysis	6020B		1			547124	03/19/25 20:43	P1R	EET CAL 4
Instrument ID: ICPMS10										
Total Recoverable	Prep	3005A			50 mL	50 mL	546684	03/19/25 04:26	JP8N	EET CAL 4
Total Recoverable	Analysis	6020B		1			547002	03/19/25 14:17	P1R	EET CAL 4
Instrument ID: ICPMS09										

Client Sample ID: DUP-1

Date Collected: 03/11/25 12:45

Date Received: 03/13/25 10:00

Lab Sample ID: 570-222752-9

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	547503	03/20/25 23:35	PT	EET CAL 4
Instrument ID: GCMSXX										
Total/NA	Analysis	NWTPH-Gx		1	5 mL	5 mL	547591	03/21/25 07:00	A9VE	EET CAL 4
Instrument ID: GC74										
Total/NA	Prep	3510C			249.3 mL	2.5 mL	546605	03/18/25 20:07	TVD6	EET CAL 4
Total/NA	Analysis	NWTPH-Dx		1	10 mL	10 mL	548442	03/24/25 10:59	H6FE	EET CAL 4
Instrument ID: GC47										
Dissolved	Prep	3005A			50 mL	50 mL	546754	03/19/25 08:35	JP8N	EET CAL 4
Dissolved	Analysis	6020B		1			547124	03/19/25 20:45	P1R	EET CAL 4
Instrument ID: ICPMS10										
Total Recoverable	Prep	3005A			50 mL	50 mL	546684	03/19/25 04:26	JP8N	EET CAL 4
Total Recoverable	Analysis	6020B		1			547002	03/19/25 14:19	P1R	EET CAL 4
Instrument ID: ICPMS09										

Client Sample ID: EQB

Date Collected: 03/11/25 11:05

Date Received: 03/13/25 10:00

Lab Sample ID: 570-222752-10

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	547503	03/20/25 18:34	PT	EET CAL 4
Instrument ID: GCMSXX										
Total/NA	Analysis	NWTPH-Gx		1	5 mL	5 mL	547591	03/21/25 05:15	A9VE	EET CAL 4
Instrument ID: GC74										

Client Sample ID: Trip Blank-1

Date Collected: 03/12/25 00:00

Date Received: 03/13/25 10:00

Lab Sample ID: 570-222752-11

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	8260D		1	5 mL	5 mL	547503	03/20/25 18:54	PT	EET CAL 4
Instrument ID: GCMSXX										

Lab Chronicle

Client: Stantec Consulting Services Inc
Project/Site: ExxonMobil 99KRK/203724087

Job ID: 570-222752-1

Client Sample ID: Trip Blank-2
Date Collected: 03/12/25 00:00
Date Received: 03/13/25 10:00

Lab Sample ID: 570-222752-12
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	8260D		1	5 mL	5 mL	547503	03/20/25 19:14	PT	EET CAL 4
Instrument ID: GCMSXX										

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

Accreditation/Certification Summary

Client: Stantec Consulting Services Inc
Project/Site: ExxonMobil 99KRK/203724087

Job ID: 570-222752-1

Laboratory: Eurofins Calscience

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

Authority	Program	Identification Number	Expiration Date
Washington	State	C916	10-11-25

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

Method Summary

Client: Stantec Consulting Services Inc
Project/Site: ExxonMobil 99KRK/203724087

Job ID: 570-222752-1

Method	Method Description	Protocol	Laboratory
8260D	Volatile Organic Compounds by GC/MS	SW846	EET CAL 4
NWTPH-Gx	Northwest - Volatile Petroleum Products (GC)	NWTPH	EET CAL 4
NWTPH-Dx	Northwest - Semi-Volatile Petroleum Products (GC)	NWTPH	EET CAL 4
6020B	Metals (ICP/MS)	SW846	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:

NWTPH = Northwest Total Petroleum Hydrocarbon

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



For courier service / sample drop off information, contact us at sales@eurofinsus.com or call us.

FRM51428 Rev. 1.2

DATE: 03/12/2025

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222752

[illegible]
$$1.5 \overline{) 1.5} \text{ IR92}$$

Login Sample Receipt Checklist

Client: Stantec Consulting Services Inc

Job Number: 570-222752-1

Login Number: 222752

List Source: Eurofins Calscience

List Number: 1

Creator: Skinner, Alma D

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

APPENDIX C

Field Data Records



**FIELD LOG
DEPTH TO WATER RECORD**

CLIENT NAME: ExxonMobil 99KRK

STANTEC #: 203724087

SITE LOCATION: 804 Market Street, Kirkland, Washington

FIELD CREW: GWR, RTR

DATE: 03/10/25

Well #	Time	DTW (ft)	DOW (ft)	Comments/Repairs
MW01	09:29	4.29	14.7	Gauged 03/10/25. Sampled 03/12/25. WIV.
MW02	09:26	2.25	15.2	Gauged 03/10/25. Sampled 03/11/25.
MW03	09:30	4.44	15.2	Gauged 03/10/25. Sampled 03/12/25.
MW05	09:20	7.03	19.7	Gauged 03/10/25. Sampled 03/11/25. WIV.
MW06	09:28	5.02	15.1	Gauged 03/10/25. Sampled 03/12/25.
MW07	09:19	3.63	12.2	Gauged and Sampled 03/10/25. WIV.
MW08	09:17	5.82	15.2	Gauged and Sampled 03/10/25. WIV.
MW09	09:24	6.22	15.7	Gauged only 03/10/25.
MW10	09:22	6.20	14.7	Gauged 03/10/25. Sampled 03/11/25.

Comments: WIV = water in vault.

FIELD LOG
PURGING & SAMPLING RECORD AND WELL EQUIPMENT STATUS

SITE: ExxonMobil 99KRK

STANTEC#: 203724087

LOCATION: 804 Market Street, Kirkland, Washington

FIELD CREW: GWR, RTR

DATE: 03/10/25

Low-Flow Sampling

WELL # MW07								
TIME	DTW	PURGE VOLUME	PUMP RATE (Q)	TEMP	COND	pH	ORP	DO
hr:min	ft	mL	mL/min	deg C	mS/cm	unit	mV	mg/L
				3%	3%	1	10	10% or 0.5*
11:10	3.65							
11:13	3.65	150	50	9.3	0.616	6.73	56.8	0.79
11:16	3.65	300	50	9.3	0.615	6.73	52.0	0.63
11:19	3.65	450	50	9.4	0.614	6.73	49.2	0.56
11:22	3.65	600	50	9.4	0.614	6.73	47.3	0.61
Comments: Slowest pump speed possible.								
SW	11:25	1 gal = 3.79 L						
Total Purge Volume		600 mL	0.16 gal					

WELL # MW08								
TIME	DTW	PURGE VOLUME	PUMP RATE (Q)	TEMP	COND	pH	ORP	DO
hr:min	ft	mL	mL/min	deg C	mS/cm	unit	mV	mg/L
				3%	3%	1	10	10% or 0.5*
10:32	5.90							
10:35	5.93	165	55	10.3	0.680	7.20	147.2	0.76
10:38	5.95	330	55	10.3	0.673	7.20	137.3	0.70
10:41	5.96	495	55	10.3	0.670	7.18	130.6	0.75
Comments:								
SW	10:45	1 gal = 3.79 L						
Total Purge Volume		495	0.13 gal					

*10% for values >0.5 mg/L. If three DO values are <0.5 mg/L, values are considered stabilized.

FIELD LOG
PURGING & SAMPLING RECORD AND WELL EQUIPMENT STATUS

SITE: ExxonMobil 99KRK

STANTEC#: 203724087

LOCATION: 804 Market Street, Kirkland, Washington

FIELD CREW: GWR, RTR

DATE: 03/11/25

Low-Flow Sampling

WELL # MW02								
TIME	DTW	PURGE VOLUME	PUMP RATE (Q)	TEMP	COND	pH	ORP	DO
hr:min	ft	mL	mL/min	deg C	mS/cm	unit	mV	mg/L
				3%	3%	1	10	10% or 0.5*
12:33	2.64							
12:36	3.07	225	75	11.7	0.568	7.49	181.9	1.85
12:39	3.44	450	75	11.8	0.570	7.49	180.0	1.82
12:42	3.72	675	75	11.8	0.573	7.49	177.2	1.74
Comments: Slowest pump speed possible. DUP-1 collected.								
SW	12:45	1 gal = 3.79 L						
Total Purge Volume		675		0.18 gal				

WELL # MW05								
TIME	DTW	PURGE VOLUME	PUMP RATE (Q)	TEMP	COND	pH	ORP	DO
hr:min	ft	mL	mL/min	deg C	mS/cm	unit	mV	mg/L
				3%	3%	1	10	10% or 0.5*
11:10	7.05							
11:13	7.08	240	80	11.6	0.501	6.77	122.9	0.50
11:16	7.10	480	80	11.7	0.504	6.77	123.8	0.53
11:19	7.10	720	80	11.7	0.505	6.77	124.1	0.78
11:22	7.13	960	80	11.7	0.506	6.77	124.6	0.65
11:25	7.15	1,200	80	11.7	0.500	6.77	126.0	0.53
11:28	7.17	1,440	80	11.7	0.499	6.77	127.1	0.48
11:31	7.18	1,680	80	11.7	0.496	6.77	127.8	0.46
Comments:								
SW	11:35	1 gal = 3.79 L						
Total Purge Volume		1,680 mL		0.44 gal				

*10% for values >0.5 mg/L. If three DO values are <0.5 mg/L, values are considered stabilized.

FIELD LOG
PURGING & SAMPLING RECORD AND WELL EQUIPMENT STATUS

SITE: ExxonMobil 99KRR

STANTEC#: 203724087

LOCATION: 804 Market Street, Kirkland, Washington

FIELD CREW: GWR, RTR

DATE: 03/11/25

Low-Flow Sampling

WELL # MW10								
TIME	DTW	PURGE VOLUME	PUMP RATE (Q)	TEMP	COND	pH	ORP	DO
hr:min	ft	mL	mL/min	deg C	mS/cm	unit	mV	mg/L
				3%	3%	1	10	10% or 0.5*
11:57	6.24							
12:00	6.31	225	75	10.3	0.391	6.72	183.5	6.82
12:03	6.37	450	75	10.2	0.391	6.71	185.1	6.38
12:06	6.41	675	75	10.2	0.388	6.71	180.3	6.38
Comments:								
SW	12:10	1 gal = 3.79 L						
Total Purge Volume		675		0.18 gal				

*10% for values >0.5 mg/L. If three DO values are <0.5 mg/L, values are considered stabilized.

FIELD LOG
PURGING & SAMPLING RECORD AND WELL EQUIPMENT STATUS

SITE: ExxonMobil 99KRRK

STANTEC#: 203724087

LOCATION: 804 Market Street, Kirkland, Washington

FIELD CREW: GWR, RTR

DATE: 03/12/25

Low-Flow Sampling

WELL # MW01								
TIME	DTW	PURGE VOLUME	PUMP RATE (Q)	TEMP	COND	pH	ORP	DO
hr:min	ft	mL	mL/min	deg C	mS/cm	unit	mV	mg/L
				3%	3%	1	10	10% or 0.5*
10:20	4.37							
10:23	4.62	225	75	11.1	1.23	6.79	-15.8	0.55
10:26	4.80	420	65	11.3	1.15	6.80	-9.0	0.62
10:29	4.93	615	65	11.4	1.07	6.82	-1.9	0.79
10:32	5.05	810	65	11.5	0.98	6.83	5.7	1.63
10:35	5.25	1,005	65	11.4	0.628	6.87	17.1	4.22
10:38	5.30	1,200	65	11.4	0.583	6.85	21.8	5.08
10:41	5.30	1,395	65	11.5	0.476	6.87	23.3	5.49
10:44	5.30	1,590	65	11.5	0.452	6.87	27.1	5.79
10:47	5.30	1,785	65	11.5	0.442	6.85	29.6	5.74
10:50	5.30	1,980	65	11.5	0.438	6.86	29.4	5.80
Comments: Slowest pump speed possible. EQB-1 collected at 11:05 from DTW probe rinsate.								
SW	10:50	1 gal = 3.79 L						
Total Purge Volume		1,980 mL	0.52 gal					

WELL # MW03								
TIME	DTW	PURGE VOLUME	PUMP RATE (Q)	TEMP	COND	pH	ORP	DO
hr:min	ft	mL	mL/min	deg C	mS/cm	unit	mV	mg/L
				3%	3%	1	10	10% or 0.5*
11:17	4.98							
11:20	5.17	210	70	11.0	0.387	6.36	55.9	0.50
11:23	5.20	405	65	11.0	0.388	6.36	56.4	0.47
11:26	5.28	600	65	11.1	0.383	6.35	55.8	0.46
Comments: Slowest pump speed possible.								
SW	11:30	1 gal = 3.79 L						
Total Purge Volume		600	0.16 gal					

*10% for values >0.5 mg/L. If three DO values are <0.5 mg/L, values are considered stabilized.

FIELD LOG
PURGING & SAMPLING RECORD AND WELL EQUIPMENT STATUS

SITE: ExxonMobil 99KRR

STANTEC#: 203724087

LOCATION: 804 Market Street, Kirkland, Washington

FIELD CREW: GWR, RTR

DATE: 03/12/25

Low-Flow Sampling

WELL # MW06								
TIME	DTW	PURGE VOLUME	PUMP RATE (Q)	TEMP	COND	pH	ORP	DO
hr:min	ft	mL	mL/min	deg C	mS/cm	unit	mV	mg/L
				3%	3%	1	10	10% or 0.5*
09:32	5.09							
09:35	5.13	195	65	11.3	1.71	6.66	14.0	0.96
09:38	5.20	390	65	11.4	1.71	6.66	7.3	0.90
09:41	5.25	585	65	11.5	1.71	6.67	3.4	0.68
09:44	5.32	780	65	11.4	1.71	6.67	0.9	0.60
09:47	5.37	975	65	11.4	1.71	6.68	-0.4	0.56
09:50	5.40	1,170	65	11.5	1.71	6.68	-1.5	0.58
Comments: Slowest pump speed possible.								
SW	09:50	1 gal = 3.79 L						
Total Purge Volume		1,170	0.31 gal					

*10% for values >0.5 mg/L. If three DO values are <0.5 mg/L, values are considered stabilized.