



**INDEPENDENT TESTING LAB**

830 ROBINWOOD COURT, TRAVERSE CITY, MI 49686

PH: 231-929-0905

FAX: 231-929-0894

[www.gtanalytical.com](http://www.gtanalytical.com)

Company: FEDERATED OIL & GAS PROPERTIES      Site Addr: EAST BAY 10 CPF  
Name:  
ClientProj: 160529-1200  
GTA ProjNo: 090425-11

Sampled By: LEL/ECT  
Date Rec: 9/4/2025  
Time Rec: 3:07 PM

Sample No.	Sample ID	Date Sampled	Time Sampled	Sample Matrix
1	MW-6D	9/4/2025	8:36 AM	WATER
2	MW-6M	9/4/2025	9:27 AM	WATER
3	MW-6	9/4/2025	9:56 AM	WATER
4	MW-8	9/4/2025	10:33 AM	WATER
5	MW-9	9/4/2025	11:12 AM	WATER
6	MW-5	9/4/2025	11:46 AM	WATER
7	MW-5D	9/4/2025	12:11 PM	WATER
8	MW-2	9/4/2025	12:15 PM	WATER
9	MW-7	9/4/2025	12:35 PM	WATER
10	MW-4	9/4/2025	1:00 PM	WATER
11	MW-4D	9/4/2025	1:25 PM	WATER
12	MW-1	9/4/2025	1:50 PM	WATER
13	RW-1	9/4/2025	2:10 PM	WATER
14	RW-2	9/4/2025	2:15 PM	WATER

ELECTRONIC SIGNATURE REPORT. This is a final report for the following pages of data for the samples specified above. All analysis was performed by the methods stated and all quality control measures required were completed. All quality control information is available upon request.

*Kirk Chase*

Kirk L. Chase/Chemist  
Grand Traverse Analytical  
830 Robinwood Court  
Traverse City, MI 49686  
Ph: 231-929-0905  
Fx: 231-929-0894  
SP: 231-590-0291  
[kirk@gtanalytical.com](mailto:kirk@gtanalytical.com)

COMPANY: FEDERATED OIL & GAS PROPERTIES  
 PROJECT NO: 160529-1200  
 LOCATION: EAST BAY 10 CPF

GTA PROJECT NO: 090425-11  
 GTA SAMPLE NO: 1  
 DATE SAMPLED: 9/4/2025  
 TIME SAMPLED: 8:36 AM  
 DATE RECEIVED: 9/4/2025  
 TIME RECEIVED: 3:07 PM

SAMPLED BY: MI  
 LEL/ECT

**SAMPLE ANALYSIS**

<u>No:</u>	<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date Completed</u>	<u>Sample Matrix</u>
SAMPLE ID:	MW-6D	22	10	mg/L (PPM)	KC/TR	9/11/2025	WATER
	CHLORIDE EPA 300.0						

ND = NOT DETECTED, RESULT < LOD  
 LOD = LIMIT OF DETECTION  
 s.u. = STANDARD pH UNITS REPORTED AT 25 C



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COMPANY: FEDERATED OIL & GAS PROPERTIES  
PROJECT NO: 160529-1200  
LOCATION: EAST BAY 10 CPF

GTA PROJECT NO: 090425-11  
GTA SAMPLE NO: 2  
DATE SAMPLED: 9/4/2025  
TIME SAMPLED: 9:27 AM  
DATE RECEIVED: 9/4/2025  
TIME RECEIVED: 3:07 PM

SAMPLED BY: MI  
LEL/ECT

**SAMPLE ANALYSIS**

<u>No:</u>	<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date Completed</u>	<u>Sample Matrix</u>
	SAMPLE ID: MW-6M CHLORIDE EPA 300.0	24	10	mg/L (PPM)	KC/TR	9/11/2025	WATER

ND = NOT DETECTED, RESULT < LOD  
LOD = LIMIT OF DETECTION  
s.u. = STANDARD pH UNITS REPORTED AT 25 C

COMPANY: FEDERATED OIL & GAS PROPERTIES  
 PROJECT NO: 160529-1200  
 LOCATION: EAST BAY 10 CPF

GTA PROJECT NO: 090425-11  
 GTA SAMPLE NO: 3  
 DATE SAMPLED: 9/4/2025  
 TIME SAMPLED: 9:56 AM  
 DATE RECEIVED: 9/4/2025  
 TIME RECEIVED: 3:07 PM

SAMPLED BY: MI  
 LEL/ECT

**SAMPLE ANALYSIS**

<u>No:</u>	<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date Completed</u>	<u>Sample Matrix</u>
	SAMPLE ID: MW-6 CHLORIDE EPA 300.0	33	10	mg/L (PPM)	KC/TR	9/11/2025	WATER

ND = NOT DETECTED, RESULT < LOD  
 LOD = LIMIT OF DETECTION  
 s.u. = STANDARD pH UNITS REPORTED AT 25 C

COMPANY: FEDERATED OIL & GAS PROPERTIES  
 PROJECT NO: 160529-1200  
 LOCATION: EAST BAY 10 CPF

GTA PROJECT NO: 090425-11  
 GTA SAMPLE NO: 4

DATE SAMPLED: 9/4/2025  
 TIME SAMPLED: 10:33 AM  
 DATE RECEIVED: 9/4/2025  
 TIME RECEIVED: 3:07 PM

SAMPLED BY: MI  
 LEL/ECT

**SAMPLE ANALYSIS**

<u>No:</u>	<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date Completed</u>	<u>Sample Matrix</u>
	SAMPLE ID: MW-8 CHLORIDE EPA 300.0	22	10	mg/L (PPM)	KC/TR	9/11/2025	WATER

ND = NOT DETECTED, RESULT < LOD  
 LOD = LIMIT OF DETECTION  
 s.u. = STANDARD pH UNITS REPORTED AT 25 C

COMPANY: FEDERATED OIL & GAS PROPERTIES  
 PROJECT NO: 160529-1200  
 LOCATION: EAST BAY 10 CPF

GTA PROJECT NO: 090425-11  
 GTA SAMPLE NO: 5  
 DATE SAMPLED: 9/4/2025  
 TIME SAMPLED: 11:12 AM  
 DATE RECEIVED: 9/4/2025  
 TIME RECEIVED: 3:07 PM

SAMPLED BY: MI  
 LEL/ECT

**SAMPLE ANALYSIS**

<u>No:</u>	<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date Completed</u>	<u>Sample Matrix</u>
	SAMPLE ID: MW-9 CHLORIDE EPA 300.0	63	10	mg/L (PPM)	KC/TR	9/11/2025	WATER

ND = NOT DETECTED, RESULT < LOD  
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COMPANY: FEDERATED OIL & GAS PROPERTIES  
 PROJECT NO: 160529-1200  
 LOCATION: EAST BAY 10 CPF  
 MI  
 SAMPLED BY: LEL/ECT

GTA PROJECT NO: 090425-11  
 GTA SAMPLE NO: 6  
 DATE SAMPLED: 9/4/2025  
 TIME SAMPLED: 11:46 AM  
 DATE RECEIVED: 9/4/2025  
 TIME RECEIVED: 3:07 PM

**SAMPLE ANALYSIS**

<u>No:</u>	<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date Completed</u>	<u>Sample Matrix</u>
	SAMPLE ID: MW-5 CHLORIDE EPA 300.0	33	10	mg/L (PPM)	KC/TR	9/11/2025	WATER

ND = NOT DETECTED, RESULT < LOD  
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 s.u. = STANDARD pH UNITS REPORTED AT 25 C

COMPANY: FEDERATED OIL & GAS PROPERTIES  
 PROJECT NO: 160529-1200  
 LOCATION: EAST BAY 10 CPF

GTA PROJECT NO: 090425-11  
 GTA SAMPLE NO: 7  
 DATE SAMPLED: 9/4/2025  
 TIME SAMPLED: 12:11 PM  
 DATE RECEIVED: 9/4/2025  
 TIME RECEIVED: 3:07 PM

SAMPLED BY: MI  
 LEL/ECT

**SAMPLE ANALYSIS**

<u>No:</u>	<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date Completed</u>	<u>Sample Matrix</u>
	SAMPLE ID: MW-5D CHLORIDE EPA 300.0	19	10	mg/L (PPM)	KC/TR	9/11/2025	WATER

ND = NOT DETECTED, RESULT < LOD  
 LOD = LIMIT OF DETECTION  
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COMPANY: FEDERATED OIL & GAS PROPERTIES  
 PROJECT NO: 160529-1200  
 LOCATION: EAST BAY 10 CPF

GTA PROJECT NO: 090425-11  
 GTA SAMPLE NO: 8  
 DATE SAMPLED: 9/4/2025  
 TIME SAMPLED: 12:15 PM  
 DATE RECEIVED: 9/4/2025  
 TIME RECEIVED: 3:07 PM

SAMPLED BY: MI  
 LEL/ECT

**SAMPLE ANALYSIS**

<u>No:</u>	<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date Completed</u>	<u>Sample Matrix</u>
SAMPLE ID:	MW-2	340	10	mg/L (PPM)	KC/TR	9/11/2025	WATER
	CHLORIDE EPA 300.0						

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COMPANY: FEDERATED OIL & GAS PROPERTIES  
 PROJECT NO: 160529-1200  
 LOCATION: EAST BAY 10 CPF

GTA PROJECT NO: 090425-11  
 GTA SAMPLE NO: 9  
 DATE SAMPLED: 9/4/2025  
 TIME SAMPLED: 12:35 PM  
 DATE RECEIVED: 9/4/2025  
 TIME RECEIVED: 3:07 PM

SAMPLED BY: MI  
 LEL/ECT

**SAMPLE ANALYSIS**

<u>No:</u>	<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date Completed</u>	<u>Sample Matrix</u>
	SAMPLE ID: MW-7 CHLORIDE EPA 300.0	64	10	mg/L (PPM)	KC/TR	9/11/2025	WATER

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COMPANY: FEDERATED OIL & GAS PROPERTIES  
PROJECT NO: 160529-1200  
LOCATION: EAST BAY 10 CPF

GTA PROJECT NO: 090425-11  
GTA SAMPLE NO: 10  
DATE SAMPLED: 9/4/2025  
TIME SAMPLED: 1:00 PM  
DATE RECEIVED: 9/4/2025  
TIME RECEIVED: 3:07 PM

SAMPLED BY: MI  
LEL/ECT

**SAMPLE ANALYSIS**

<u>No:</u>	<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date Completed</u>	<u>Sample Matrix</u>
	SAMPLE ID: MW-4 CHLORIDE EPA 300.0	2,100	100	mg/L (PPM)	KC/TR	9/11/2025	WATER

ND = NOT DETECTED, RESULT < LOD  
LOD = LIMIT OF DETECTION  
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COMPANY: FEDERATED OIL & GAS PROPERTIES  
 PROJECT NO: 160529-1200  
 LOCATION: EAST BAY 10 CPF

GTA PROJECT NO: 090425-11  
 GTA SAMPLE NO: 11  
 DATE SAMPLED: 9/4/2025  
 TIME SAMPLED: 1:25 PM  
 DATE RECEIVED: 9/4/2025  
 TIME RECEIVED: 3:07 PM

SAMPLED BY: MI  
 LEL/ECT

**SAMPLE ANALYSIS**

<u>No:</u>	<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date Completed</u>	<u>Sample Matrix</u>
	SAMPLE ID: MW-4D CHLORIDE EPA 300.0	22	10	mg/L (PPM)	KC/TR	9/11/2025	WATER

ND = NOT DETECTED, RESULT < LOD  
 LOD = LIMIT OF DETECTION  
 s.u. = STANDARD pH UNITS REPORTED AT 25 C

COMPANY: FEDERATED OIL & GAS PROPERTIES  
 PROJECT NO: 160529-1200  
 LOCATION: EAST BAY 10 CPF

GTA PROJECT NO: 090425-11  
 GTA SAMPLE NO: 12  
 DATE SAMPLED: 9/4/2025  
 TIME SAMPLED: 1:50 PM  
 DATE RECEIVED: 9/4/2025  
 TIME RECEIVED: 3:07 PM

SAMPLED BY: MI  
 LEL/ECT

**SAMPLE ANALYSIS**

<u>No:</u>	<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date Completed</u>	<u>Sample Matrix</u>
SAMPLE ID: MW-1	CHLORIDE EPA 300.0	170	10	mg/L (PPM)	KC/TR	9/11/2025	WATER

ND = NOT DETECTED, RESULT < LOD  
 LOD = LIMIT OF DETECTION  
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COMPANY: FEDERATED OIL & GAS PROPERTIES  
PROJECT NO: 160529-1200  
LOCATION: EAST BAY 10 CPF

GTA PROJECT NO: 090425-11  
GTA SAMPLE NO: 13  
DATE SAMPLED: 9/4/2025  
TIME SAMPLED: 2:10 PM  
DATE RECEIVED: 9/4/2025  
TIME RECEIVED: 3:07 PM

SAMPLED BY: MI  
LEL/ECT

**SAMPLE ANALYSIS**

<u>No:</u>	<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date Completed</u>	<u>Sample Matrix</u>
	SAMPLE ID: <b>RW-1</b> CHLORIDE EPA 300.0	55	10	mg/L (PPM)	KC/TR	9/11/2025	WATER

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COMPANY: FEDERATED OIL & GAS PROPERTIES  
PROJECT NO: 160529-1200  
LOCATION: EAST BAY 10 CPF

GTA PROJECT NO: 090425-11  
GTA SAMPLE NO: 14  
DATE SAMPLED: 9/4/2025  
TIME SAMPLED: 2:15 PM  
DATE RECEIVED: 9/4/2025  
TIME RECEIVED: 3:07 PM

SAMPLED BY: MI  
LEL/ECT

**SAMPLE ANALYSIS**

<u>No:</u>	<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date Completed</u>	<u>Sample Matrix</u>
	SAMPLE ID: RW-2 CHLORIDE EPA 300.0	170	10	mg/L (PPM)	KC/TR	9/11/2025	WATER

ND = NOT DETECTED, RESULT < LOD  
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**CHAIN OF CUSTODY**

PROJECT NUMBER <i>160529-1200</i>	SITE NAME/ADDRESS <i>East Bay 10 CPF</i>	COMPANY/NAME <i>Federated</i>
SAMPLED BY <i>LCL</i>	COMPANY <i>LCT</i>	GTA PROJECT # <i>090425-11</i>

**SAMPLE INFORMATION**

#	SAMPLE ID	DATE SAMPLED	TIME	MATRIX	ANALYSIS
1	MW-6D	9-4-25	0836	W	Cl-
2	MW-6M	↓	0927	↓	↓
3	MW-6		0956		
4	MW-8		1033		
5	MW-9		1112		
6	MW-5		1146		
7	MW-5D		1211		
8	MW-2		1215		
9	MW-7		1235		
10	MW-4		1300		
11	MW-4D		1325		
12	MW-1		1350		
13	RW-1		1410		
14	RW-2		1415		

BILL TO: <i>Federated</i>	TempRec: <input type="checkbox"/> <span style="margin-left: 20px;">Y</span> <span style="margin-left: 20px;">N</span>	REPORT TO: <i>Jeremy</i>
	On Ice? <input type="checkbox"/> <input type="checkbox"/>	

RELEASED BY <i>LCL</i>	DATE/TIME <i>9/4/25 1507</i>	RECEIVED BY <i>A. Alper</i>	DATE/TIME <i>9/4/25 1507</i>
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REQUESTED TAT  STANDARD  1 BUSINESS DAY  2 BUSINESS DAYS  3 BUSINESS DAYS