



12/29/2025  
Andrew Greenhagen, UIC Supervisor  
US EPA, Region 5  
UIC Section, (WP-16J)  
77 West Jackson Boulevard  
Chicago, Illinois 60604-3590

VIA MAIL

**SUBJECT:** Well #1-12, UIC PERMIT MI-163-1W-C010 and Well #2-12, UIC Permit MI-163-1W-C011  
Republic Industrial and Energy Solutions, LLC. Class 1 Hazardous  
Wayne County, Michigan  
November Monthly Report

Dear Mr. Greenhagen,

In accordance with the Class 1 Hazardous Underground Injection Well Permits MI-163-1W-C010 and MI-163-1W-C011, Republic Industrial and Energy Solutions, LLC (RIES) located in Wayne County, Michigan is submitting its Monthly Report demonstrating compliance with permit requirements. The attached information is provided in the same sequence as required by both subject permits in Part II D.1. (a-i) and Part III Attachment A, Part III Attachment E(G)(2) and E(I).

I certify under penalty of law that this document and all attachments were prepared under my supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry into the person or persons who manage the system, or those directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Should you have any questions regarding this report, please contact me at [krevels@republicservices.com](mailto:krevels@republicservices.com) or (734) 664-6075.

Sincerely,

A handwritten signature in black ink that reads "Kristina Revels".

Kristina Revels  
*Environmental Compliance Manager*

Enclosures



Sustainability in Action

## Summary

Wells #1-12 and #2-12 were operated in accordance with the requirements of MI-163-1W-C010 and MI-163-1W-C011, during the reporting month. Well #1-12 was taken out of service on November 17, 2025, to perform maintenance. See the section on Maintenance below . A summary table of the total monthly and year-to-date volumes of fluids injected into the wells is provided below. Lastly, corrosion monitoring was conducted on December 2, 2025, representing loss of mass, thickness, cracking, pitting, and other signs of corrosion in the month of November.

Month	Monthly (gal)		Total (gal)	
	Well #1-12	Well #2-12	Per Month	Cumulative
January	1,237,554	1,300,400	2,537,954	2,537,954
February	928,620	926,212	1,854,832	4,392,786
March	1,114,252	1,135,548	2,249,800	6,642,586
April	1,049,644	1,109,776	2,159,420	8,802,006
May	925,240	904,804	1,830,044	10,632,050
June	470,712	1,097,272	1,567,984	12,200,034
July	-	1,587,120	1,587,120	13,787,154
August	373,528	549,768	923,296	14,710,450
September	951,788	299,208	1,250,996	15,961,446
October	516,307	605,832	1,122,139	17,083,585
November	238,380	648,114	886,494	17,970,079
December				



Sustainability in Action

UIC Permit Condition Part II.D.1. (d):

Average Injection Rate

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### Calculation of Average Injection Rate

CURRENT REPORTING YEAR 2025

CURRENT REPORTING MONTH November

Date (month, year) of the first injection into either well at the Citrin Road Facility November 2013

CURRENT MONTH (all volumes in gallons)

	Injected Waste	Injected Non-Waste	Total injected
<b>MI-163-1W-C010, Well #1-12</b>			
Current Month	235,277	3,103	238,380
Since facility first injected			77,707,724
<b>MI-163-1W-C011, Well #2-12</b>			
Current Month	645,011	3,103	648,114
Since facility first injected			63,584,290
		Lifetime Combined	141,292,014

#### Conversion factors

365.25 days per year ÷ 12 months per year = 30.4375 days per month

30.4375 days per month × 1440 minutes per day = 43,830 minutes per month

#### Calculations

Whole number of months<sup>1</sup> of injection 144

144 lifetime number of months of injection X 43,830 minutes/month  
= 6,311,520 minutes of injection

Lifetime combined injected volume 141,292,014 ÷ 6,311,520 minutes of injection

= 22.07 gpm average injection rate

<sup>1</sup> Calculated from November 30, 2013, to November 30, 2025, for a total of 144 months.



Sustainability in Action

UIC Permit Condition Part II.D.1. (b):

Well #1-12, Permit MI-163-1W-C010 Data



Injection Well 1-12

November 2025

Date	Injection Pressure (psig)		Annulus Tank Level (inches)		Annulus Pressure (psig)		Injection pH		Flow Rate (gpm)		Differential Pressure (psig)	
	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.
11/1/2025	0.0	0.0	0.0	0.0	685.0	690.8	0.0	0.0	0.0	0.0	548.6	561.1
11/2/2025	0.0	0.0	0.0	0.0	688.7	690.5	0.0	0.0	0.0	0.0	560.4	563.3
11/3/2025	17.9	329.3	9.3	9.4	572.2	770.9	2.8	3.1	13.5	70.0	407.7	664.8
11/4/2025	2.5	373.1	9.3	9.4	562.5	762.9	2.2	7.7	15.4	94.2	342.7	619.7
11/5/2025	13.8	367.7	9.3	9.4	568.7	742.7	2.3	8.1	8.5	74.1	344.4	627.4
11/6/2025	1.1	401.6	9.3	9.5	521.3	738.4	2.3	8.1	7.2	69.1	328.2	653.2
11/7/2025	11.4	311.6	9.3	9.4	515.0	737.2	2.9	3.0	38.0	70.2	422.6	655.6
11/8/2025	0.0	0.0	0.0	0.0	589.2	600.9	0.0	0.0	0.0	0.0	599.0	611.0
11/9/2025	0.0	0.0	0.0	0.0	599.6	601.1	0.0	0.0	0.0	0.0	609.4	611.1
11/10/2025	4.8	376.1	9.3	9.3	597.5	745.4	2.3	8.2	31.1	72.5	348.9	616.8
11/11/2025	0.8	380.3	9.3	9.3	458.9	735.9	2.3	8.3	11.2	70.0	260.8	562.8
11/12/2025	22.7	363.9	9.3	9.4	462.4	700.1	2.5	8.4	11.5	70.7	278.8	597.4
11/13/2025	1.0	361.8	9.3	9.4	419.0	700.7	2.2	8.4	11.8	72.5	288.7	614.1
11/14/2025	0.8	273.7	9.3	9.4	520.6	708.7	2.7	8.3	4.5	65.6	420.6	665.4
11/15/2025	0.0	0.0	0.0	0.0	598.9	602.7	0.0	0.0	0.0	0.0	591.7	597.0
11/16/2025	0.0	0.0	0.0	0.0	600.3	601.5	0.0	0.0	0.0	0.0	588.6	592.5
11/17/2025	67.5	177.6	9.3	9.3	599.8	667.6	2.9	8.0	19.6	46.7	490.0	589.3
11/18/2025	0.0	0.0	0.0	0.0	614.2	618.2	0.0	0.0	0.0	0.0	573.7	580.2
11/19/2025	0.0	0.0	0.0	0.0	616.2	618.4	0.0	0.0	0.0	0.0	560.4	575.2
11/20/2025	0.0	0.0	0.0	0.0	615.6	624.4	0.0	0.0	0.0	0.0	568.3	580.6
11/21/2025	0.0	0.0	0.0	0.0	613.1	617.0	0.0	0.0	0.0	0.0	565.3	570.4
11/22/2025	0.0	0.0	0.0	0.0	608.8	613.6	0.0	0.0	0.0	0.0	568.6	570.8
11/23/2025	0.0	0.0	0.0	0.0	605.6	609.4	0.0	0.0	0.0	0.0	569.4	571.1
11/24/2025	0.0	0.0	0.0	0.0	604.0	606.6	0.0	0.0	0.0	0.0	564.9	570.4
11/25/2025	0.0	0.0	0.0	0.0	602.7	606.6	0.0	0.0	0.0	0.0	557.3	566.6
11/26/2025	0.0	0.0	0.0	0.0	601.3	604.3	0.0	0.0	0.0	0.0	559.1	564.9
11/27/2025	0.0	0.0	0.0	0.0	596.1	601.9	0.0	0.0	0.0	0.0	559.5	561.2
11/28/2025	0.0	0.0	0.0	0.0	592.4	596.7	0.0	0.0	0.0	0.0	558.8	560.9
11/29/2025	0.0	0.0	0.0	0.0	589.0	593.0	0.0	0.0	0.0	0.0	557.1	559.8
11/30/2025	0.0	0.0	0.0	0.0	586.2	589.3	0.0	0.0	0.0	0.0	555.6	558.1



Sustainability in Action

UIC Permit Condition Part II.D.1. (b):

Well #2-12, Permit MI-163-1W-C011 Data



Injection Well 2-12

November 2025

Date	Injection Pressure (psig)		Annulus Tank Level (inches)		Annulus Pressure (psig)		Injection pH		Flow Rate (gpm)		Differential Pressure (psig)	
	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.
11/1/2025	0.0	0.0	0.0	0.0	694.5	704.5	0.0	0.0	0.0	0.0	555.4	587.8
11/2/2025	0.0	0.0	0.0	0.0	702.2	704.5	0.0	0.0	0.0	0.0	587.2	602.2
11/3/2025	0.3	383.7	25.9	25.9	584.0	793.4	2.8	3.1	34.0	77.7	382.7	672.6
11/4/2025	10.3	443.3	25.9	26.0	576.9	786.8	2.5	7.7	16.8	80.5	311.5	628.6
11/5/2025	9.4	438.9	26.0	26.0	586.1	776.4	2.3	8.1	8.4	81.0	313.5	639.8
11/6/2025	7.7	420.9	25.9	25.9	540.1	768.7	2.3	8.1	11.5	80.1	328.2	664.0
11/7/2025	7.9	301.9	25.9	25.9	538.0	766.7	2.9	3.0	37.9	77.6	463.4	2432.1
11/8/2025	0.0	0.0	0.0	0.0	614.9	638.8	0.0	0.0	0.0	0.0	627.4	647.7
11/9/2025	0.0	0.0	0.0	0.0	638.5	642.3	0.0	0.0	0.0	0.0	646.9	649.0
11/10/2025	3.5	451.9	25.7	25.8	642.0	800.9	2.3	8.2	29.0	81.0	338.1	2442.7
11/11/2025	23.6	446.2	25.8	25.8	484.5	787.9	2.4	8.3	7.7	81.0	254.7	591.0
11/12/2025	14.1	419.4	25.8	25.9	498.6	751.1	2.5	8.4	19.5	127.4	278.8	641.4
11/13/2025	8.3	426.7	25.8	25.9	462.4	759.2	2.2	8.4	20.1	80.5	284.8	659.7
11/14/2025	2.2	319.5	25.9	25.9	553.6	782.7	2.7	8.3	0.0	79.9	463.1	701.4
11/15/2025	0.0	0.0	0.0	0.0	650.9	666.3	0.0	0.0	0.0	0.0	601.4	635.1
11/16/2025	0.0	0.0	0.0	0.0	666.1	668.5	0.0	0.0	0.0	0.0	634.7	645.9
11/17/2025	22.4	435.1	25.8	25.9	562.6	798.9	2.4	8.1	9.4	79.9	353.3	652.5
11/18/2025	67.4	419.9	25.8	25.9	585.4	791.7	2.2	8.1	5.2	79.7	317.9	621.0
11/19/2025	20.5	443.5	25.8	25.9	576.9	760.6	2.2	8.0	9.1	95.7	307.4	663.1
11/20/2025	28.9	351.3	25.8	25.9	626.4	913.8	2.6	3.3	7.7	80.1	505.8	826.9
11/21/2025	26.0	475.4	25.9	25.9	636.7	794.1	2.1	7.2	23.8	80.7	284.2	692.1
11/22/2025	0.0	0.0	0.0	0.0	655.3	662.1	0.0	0.0	0.0	0.0	632.9	651.4
11/23/2025	0.0	0.0	0.0	0.0	661.8	663.4	0.0	0.0	0.0	0.0	650.7	656.5
11/24/2025	12.1	412.2	25.8	25.9	629.2	785.3	2.1	6.3	18.9	119.9	348.9	751.7
11/25/2025	12.7	269.2	26.0	26.1	553.3	751.0	2.2	5.1	8.9	78.9	416.2	681.4
11/26/2025	57.2	325.9	26.1	26.1	570.2	754.8	2.9	3.2	63.8	76.3	419.0	687.6
11/27/2025	0.0	0.0	0.0	0.0	643.2	660.1	0.0	0.0	0.0	0.0	654.5	668.9
11/28/2025	0.0	0.0	0.0	0.0	659.7	662.7	0.0	0.0	0.0	0.0	668.5	672.4
11/29/2025	0.0	0.0	0.0	0.0	662.5	664.2	0.0	0.0	0.0	0.0	672.0	674.3
11/30/2025	0.0	0.0	0.0	0.0	663.9	665.4	0.0	0.0	0.0	0.0	673.7	675.0



Sustainability in Action

UIC Permit Condition Part II.D.1. (e):

Annulus System

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**WELL 1-12  
ANNULUS SYSTEM**

November 2025

<b>Current Month, Additions and Removals</b>			
<b>DAY</b>	<b>Volume Added (gal)</b>	<b>Volume Removed (gal)</b>	<b>Composition</b>
1	-	-	
2	-	-	
3	-	-	
4	-	-	
5	-	-	
6	-	-	
7	-	-	
8	-	-	
9	-	-	
10	-	-	
11	-	-	
12	-	-	
13	-	-	
14	-	-	
15	-	-	
16	-	-	
17	-	-	
18	-	-	
19	-	-	
20	-	-	
21	-	-	
22	-	-	
23	-	-	
24	-	-	
25	-	-	
26	-	-	
27	-	-	
28	-	-	
29	-	-	
30	-	-	
31	-	-	

**Cumulative Additions and Subtractions: 0**



WELL 1-12  
ANNULUS SYSTEM

November 2025

Last 12 months, Additions and Removals			
MONTH YEAR	Volume Added (gal)	Volume Removed (gal)	Comments
Nov-25	-	-	
Oct-25	4.95	-	
Sep-25	-	-	
Aug-25	-	-	
Jul-25	-	-	
Jun-25	-	-	
May-25	-	-	
Apr-25	-	-	
Mar-25	-	-	
Feb-25	-	-	
Jan-25	-	-	
Dec-24	-	-	

**Cumulative Additions and Subtractions:** **4.95**



WELL 2-12  
ANNULUS SYSTEM

November 2025

Current Month, Additions and Removals			
DAY	Volume Added (gal)	Volume Removed (gal)	Composition
1	-	-	
2	-	-	
3	-	-	
4	-	-	
5	-	-	
6	-	-	
7	-	-	
8	-	-	
9	-	-	
10	-	-	
11	-	-	
12	-	-	
13	-	-	
14	-	-	
15	-	-	
16	-	-	
17	-	-	
18	-	-	
19	-	-	
20	-	-	
21	-	-	
22	-	-	
23	-	-	
24	-	-	
25	-	-	
26	-	-	
27	-	-	
28	-	-	
29	-	-	
30	-	-	
31	-	-	

Cumulative Additions and Subtractions: 0



WELL 2-12  
ANNULUS SYSTEM

November 2025

Last 12 months, Additions and Removals			
MONTH YEAR	Volume Added (gal)	Volume Removed (gal)	Comments
Nov-25	-	-	
Oct-25	-	-	
Sep-25	-	-	
Aug-25	-	-	
Jul-25	-	-	
Jun-25	-	-	
May-25	-	-	
Apr-25	-	-	
Mar-25	-	-	
Feb-25	-	-	
Jan-25	-	-	
Dec-24	-	-	

**Cumulative Additions and Subtractions:** **0**



Sustainability in Action

UIC Permit Condition Part II.D.1. (g):

Corrosion Monitoring

## CORROSION MONITORING COUPON IMAGE & VISUAL DESCRIPTION

Inspection/Evaluation Date: December 02, 2025  
(e.g. November 2025 Reporting Period)

### Fiberglass Coupon



Image Date: 12/02/25

### Fiberglass Coupon

This coupon is red in color with a semi-smooth texture on both sides. Its cut edges appear sanded. The coupon is free of cracks, pitting, swelling, blemishes, and corrosion. There has been no obvious effect on this coupon since last month.

## CORROSION MONITORING COUPON IMAGE & VISUAL DESCRIPTION

Inspection/Evaluation Date: December 02, 2025  
(e.g. November 2025 Reporting Period)

### Hastelloy Coupon

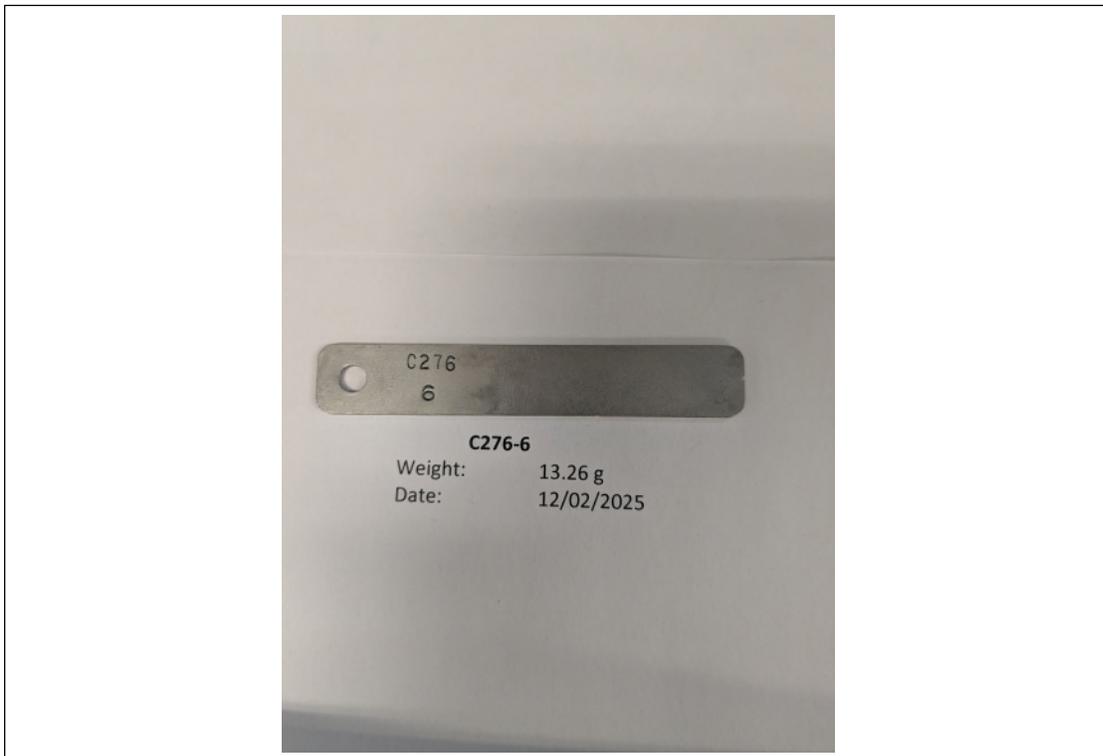


Image date: 12/02/25

This coupon is identified as C276 with Serial Number 6. It has several small pits on its surface. There are no apparent new indications of corrosion. The surface color of the coupon is silver-grey.

## CORROSION MONITORING COUPON IMAGE & VISUAL DESCRIPTION

Inspection/Evaluation Date: December 02, 2025  
(e.g. November 2025 Reporting Period)

### Stainless Steel Coupon

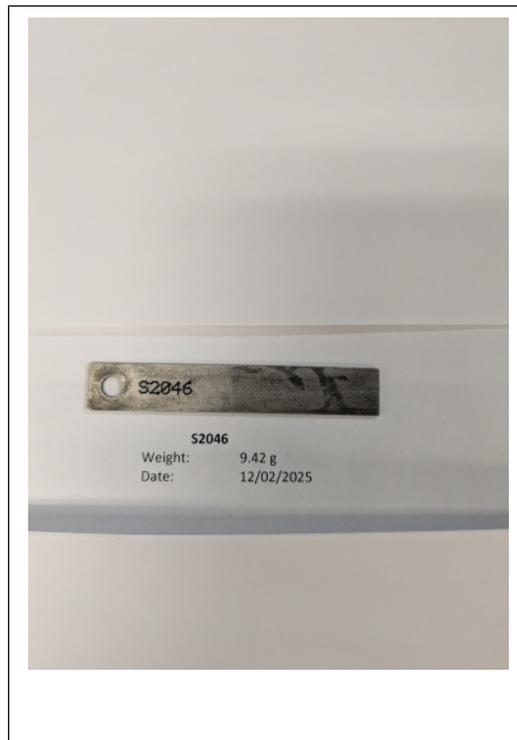


Image Date: 12/02/25

This coupon is identified as S2046. There is no visible pitting on its surface. The surface color of the coupon is silver-grey

**CORROSION MONITORING PLAN**  
**COUPON SUMMARY**

<b>Date</b>	<b>Hastelloy (C267)</b>	<b>Stainless Steel (316L)</b>	<b>Fiberglass (Fiberglass)</b>	<b>Comments</b>
12/19/2013	13.330 g	10.848 g	7.309 g	Initial Mass @ start up
2/21/2014	13.329 g	10.846 g	7.306 g	
3/10/2014	13.327 g	10.845 g	7.300 g	
4/18/2014	13.324 g	10.841 g	7.272 g	
5/30/2014	13.328 g	10.818 g	7.226 g	
6/30/2014	13.321 g	10.337 g	7.196 g	
7/11/2014	13.323 g	10.304 g	7.196 g	
8/12/2014	13.328 g	10.045 g	7.182 g	
9/17/2014	13.321 g	9.997 g	7.090 g	
10/30/2014	13.321 g	9.387 g	7.075 g	
11/21/2014	13.320 g	9.386 g	7.069 g	
12/19/2014	13.321 g	9.315 g	7.084 g	
1/12/2015	13.321 g	9.289 g	7.063 g	
2/23/2015	13.339 g	9.286 g	7.005 g	New hastelloy coupon
3/31/2015	13.339 g	9.286 g	7.005 g	
4/27/2015	13.335 g	9.130 g	6.852 g	
5/21/2015	13.336 g	9.124 g	6.809 g	
6/12/2015	13.334 g	9.126 g	6.819 g	
7/27/2015	13.337 g	9.127 g	6.818 g	
8/26/2015	13.337 g	9.022 g	6.780 g	
9/21/2015	13.336 g	8.987 g	6.792 g	
10/19/2015	13.335 g	8.985 g	6.797 g	
11/16/2015	13.334 g	8.982 g	6.788 g	
12/17/2015	13.334 g	8.933 g	6.791 g	
1/29/2016	13.334 g	8.931 g	6.788 g	
2/16/2016	13.332 g	8.799 g	6.757 g	
3/31/2016	13.339 g	9.286 g	7.005 g	
4/22/2016	13.333 g	8.590 g	6.744 g	
5/31/2015	13.334 g	6.084 g	6.784 g	
6/30/2016	13.328 g	10.942 g	6.793 g	New stainless steel coupon
8/3/2016	13.326 g	10.529 g	6.743 g	
8/29/2016	13.325 g	10.020 g	6.723 g	
10/27/2016	13.325 g	8.765 g	6.708 g	
11/29/2016	13.327 g	8.571 g	6.740 g	
12/12/2016	13.323 g	8.223 g	6.717 g	
1/3/2017	13.325 g	8.059 g	6.712 g	
2/28/2017	13.324 g	7.634 g	6.727 g	
3/24/2017	13.325 g	7.370 g	6.732 g	
4/28/2017	13.325 g	6.736 g	6.736 g	
5/11/2017	13.323 g	7.352 g	6.689 g	
6/12/2017	13.323 g	7.357 g	6.689 g	
7/5/2017	13.323 g	7.355 g	6.689 g	
8/30/2017	13.324 g	7.353 g	18.105 g	New Fiberglass coupon
9/28/2017	13.325 g	7.352 g	18.060 g	
10/11/2017	13.324 g	7.350 g	18.038 g	
11/16/2017	13.325 g	7.363 g	18.047 g	
12/12/2017	13.326 g	7.308 g	18.307 g	
1/29/2018	13.326 g	10.930 g	18.027 g	New stainless steel coupon
2/9/2018	13.325 g	10.932 g	18.044 g	
3/19/2018	13.325 g	10.926 g	18.030 g	
4/16/2018	13.336 g	10.863 g	18.068 g	
5/17/2018	13.325 g	10.858 g	18.037 g	
6/20/2018	13.325 g	10.855 g	18.029 g	
7/12/2018	13.326 g	10.852 g	18.032 g	
8/21/2018	13.326 g	10.854 g	18.031 g	
9/14/2018	13.326 g	10.852 g	18.036 g	
10/10/2018	13.326 g	10.851 g	18.031 g	
11/20/2018	13.326 g	10.853 g	18.032 g	
12/11/2018	13.326 g	10.852 g	18.033 g	
1/14/2019	13.326 g	10.852 g	18.033 g	
2/20/2019	13.326 g	10.850 g	18.033 g	
3/15/2019	13.326 g	10.850 g	18.033 g	

**CORROSION MONITORING PLAN**  
**COUPON SUMMARY**

<b>Date</b>	<b>Hastelloy (C267)</b>	<b>Stainless Steel (316L)</b>	<b>Fiberglass (Fiberglass)</b>	<b>Comments</b>
4/10/2019	13.326 g	10.848 g	18.031 g	
5/17/2019	13.326 g	10.849 g	18.036 g	
6/5/2019	13.326 g	10.848 g	18.031 g	
7/8/2019	13.326 g	10.845 g	18.032 g	
8/12/2019	13.326 g	10.845 g	18.032 g	
9/8/2019	13.326 g	10.842 g	18.029 g	
10/17/2019	13.326 g	10.842 g	18.030 g	
11/20/2019	13.326 g	10.842 g	18.030 g	
12/11/2019	13.326 g	10.842 g	18.030 g	
1/16/2020	13.326 g	10.840 g	18.033 g	
2/6/2020	13.326 g	10.836 g	18.034 g	
3/3/9/20	13.326 g	10.842 g	18.034 g	Well 1 workover new well
4/9/2020	13.328 g	10.839 g	18.037 g	
5/12/2020	13.322 g	10.830 g	18.035 g	
6/16/2020	13.316 g	10.771 g	18.009 g	
7/16/2020	13.308 g	10.560 g	17.843 g	
8/25/2020	13.310 g	10.214 g	17.773 g	
9/24/2020	13.289 g	9.796 g	17.656 g	
10/19/2020	13.282g	9.737g	17.621g	
11/5/2020	13.280g	9.728g	17.600g	
12/3/2020	13.281g	9.730g	17.689g	
2/10/2021	13.284g	9.728g	17.683g	
3/9/2021	13.290g	9.733g	17.585g	
4/13/2021	13.288g	9.730g	17.649g	
5/18/2021	13.282g	9.691g	17.543g	
6/17/2021	13.279g	9.639g	17.546g	
7/19/2021	13.278g	9.480g	17.507g	
8/3/2021	13.278g	9.437g	17.467g	
9/14/2021	13.277g	9.392g	17.467g	
10/11/2021	13.277g	9.359g	17.465g	
11/3/2021	13.277g	9.350g	17.273g	
12/15/2021	13.276g	9.351g	17.256g	
1/17/2022	13.276g	9.351g	17.256g	
2/15/2022	13.276g	9.347g	16.965g	
3/18/2022	13.281g	9.368g	17.246g	
4/18/2022	13.275	9.339	16.656	
5/16/2022	13.298	9.328	16.600	
6/15/2022	13.276	9.300	16.219	
7/20/2022	13.303	9.324	16.393	
8/17/2022	13.277	9.195	15.841	
9/9/2022	13.276	9.171	15.757	
10/19/2022	13.274	9.157	15.623	
11/18/2022	13.274	9.145	15.801	
12/19/2022	13.278	9.132	15.588	
1/18/2023	13.276	9.131	15.761	
2/15/2023	13.274	9.130	15.728	
3/17/2023	13.280	9.138	15.779	
4/25/2023	13.275	9.130	15.726	
5/23/2023	13.276	9.131	15.700	
6/19/2023	13.275	9.088	15.647	
7/20/2023	13.275	9.009	15.607	
8/18/2023	13.274	8.999	15.495	
9/25/2023	13.273	8.983	15.480	
10/12/2023	13.275	8.984	15.425	
11/15/2023	13.271	8.981	15.349	
12/11/2023	13.274	8.984	15.331	
1/17/2024	13.274	8.988	15.371	
2/19/2024	13.274	8.894	15.340	
3/19/2024	13.273	8.972	15.350	
4/18/2024	13.273	8.972	15.408	
5/20/2024	13.284	8.930	15.372	
6/20/2024	13.274	8.823	15.364	

**CORROSION MONITORING PLAN**  
**COUPON SUMMARY**

<b>Date</b>	<b>Hastelloy (C267)</b>	<b>Stainless Steel (316L)</b>	<b>Fiberglass (Fiberglass)</b>	<b>Comments</b>
7/19/2024	13.274	7.904	15.233	10.4 % loss Stainless Steel Coupon
7/23/2024	13.272	3.684	15.228	-53.4 % loss Stainless Steel Coupon
7/24/2024		10.812		Replaced SS coupon
8/23/2024	13.272	10.415	15.228	
8/23/2024			14.603	Redrilled hole in Fiberglass coupon on opposite end of coupon
9/20/2024	13.266	9.930	14.908	4.9 % loss Stainless Steel Coupon
10/18/2024	13.266	9.572	14.897	3.6 % loss Stainless Steel Coupon
11/20/2024	13.265	9.288	14.871	3.0 % loss Stainless Steel Coupon
12/19/2024	13.265	8.335	14.740	10.3 % loss Stainless Steel Coupon
1/21/2025	13.265	8.257	14.746	0.9 % loss Stainless Steel Coupon
2/20/2025	13.267	8.132	14.900	1.5 % loss Stainless Steel Coupon
3/21/2025	13.263	7.429	14.725	8.6 % loss Stainless Steel Coupon
4/22/2025	13.210	6.790	14.660	8.6 % loss Stainless Steel Coupon
	<b>C267-6</b>	<b>316L C1566</b>	<b>Fiberglass</b>	
5/20/2025	13.25	10.83	24.37	Coupons replaced - lost due to corrosion of fastening hardware
6/20/2025	13.27	10.24	16.33	
7/22/2025	13.27	7.54	16.25	26.4 % loss Stainless Steel Coupon
8/21/2025	13.27	6.45	16.27	14.5 % loss Stainless Steel Coupon
8/21/2025		11.10		New SS Coupon
9/25/2025	13.27	10.60	16.18	New Fiberglass coupon - previous lost due to fastening hardware corrosion
10/25/2025	13.27	10.15 *	16.18	* ID: S2046
12/2/2025	13.26	9.42	16.15	



Sustainability in Action

UIC Permit Condition Part II.D.1. (b):

Well #1-12, Permit MI-163-1W-C010 Data

Date Picker

Realtime

# Well 1 Trends

Flow Totalizer

0.00 gal

Injection Pressure

44.87 psi

Annulus Pressure

784.58 psi

Annulus Tank Volume

35.18 gal

Suction Pressure

0.08 psi

Injection Rate

-0.18 gal/min

Density

5.446 lb/gal

pH

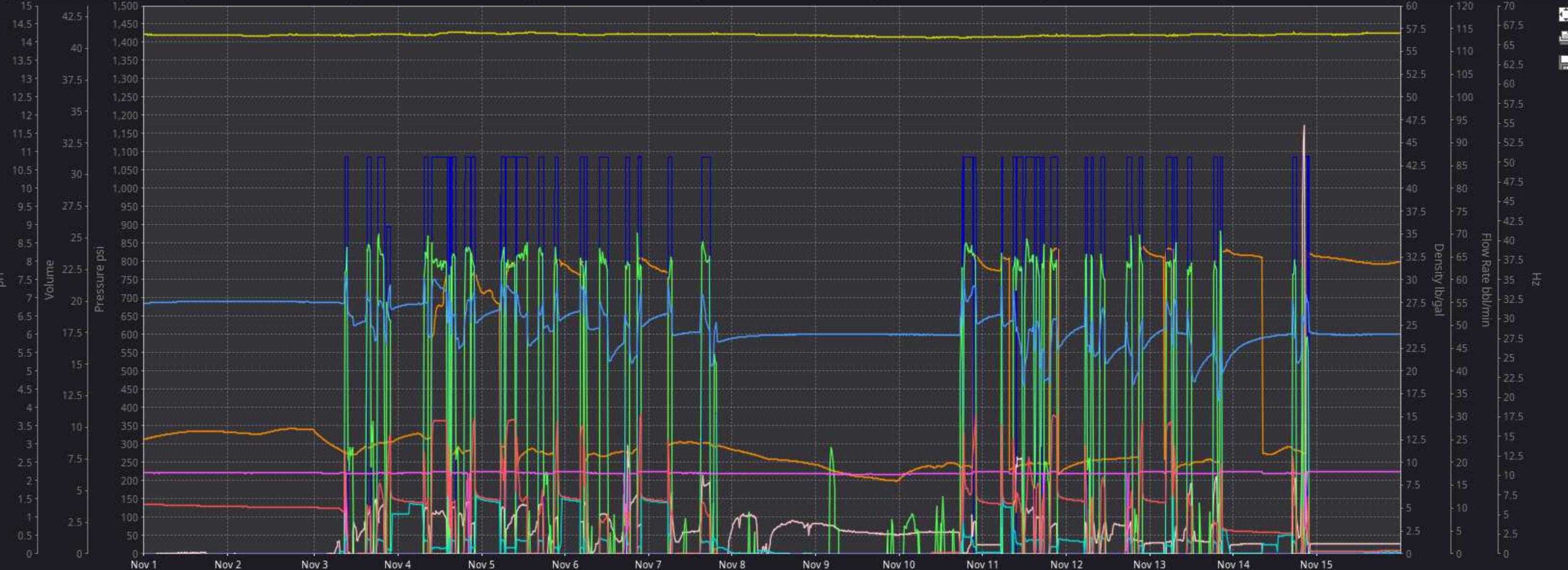
0.10 pH

Hz

0 Hz

Filter Pot Pressure

-0.63 psi



— Injection Pressure — Annulus Pressure — Suction Pressure — Density — Injection Rate — FP Pressure — Hz — AT-1 Volume — pH

11/1/25 12 AM - 11/15/25 11 PM

# Well 1 Trends

Date Picker ▶ Realtime

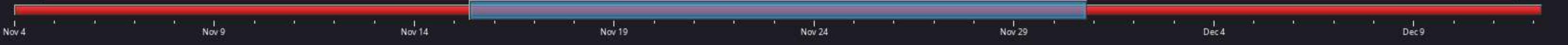
Flow Totalizer  
**0.00 gal**

Injection Pressure <b>45.65 psi</b>	Annulus Pressure <b>785.03 psi</b>	Annulus Tank Volume <b>35.28 gal</b>	Suction Pressure <b>4.19 psi</b>	Injection Rate <b>-0.18 gal/min</b>	Density <b>15.929 lb/gal</b>	pH <b>7.51 pH</b>	Hz <b>0 Hz</b>	Filter Pot Pressure <b>-0.40 psi</b>
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— Injection Pressure — Annulus Pressure — Suction Pressure — Density — Injection Rate — FP Pressure — Hz — AT-1 Volume — pH

11/15/25 - 12/1/25





Sustainability in Action

UIC Permit Condition Part II.D.1. (b):

Well #2-12, Permit MI-163-1W-C011 Data

# Well 2 Trends

Date Picker

Realtime

Flow Totalizer  
0.00 gal

Injection Pressure

47.51 psi

Annulus Pressure

660.22 psi

Annulus Tank Volume

113.52 gal

Suction Pressure

0.08 psi

Injection Rate

0.00 gal/min

Density

5.45 lb/gal

pH

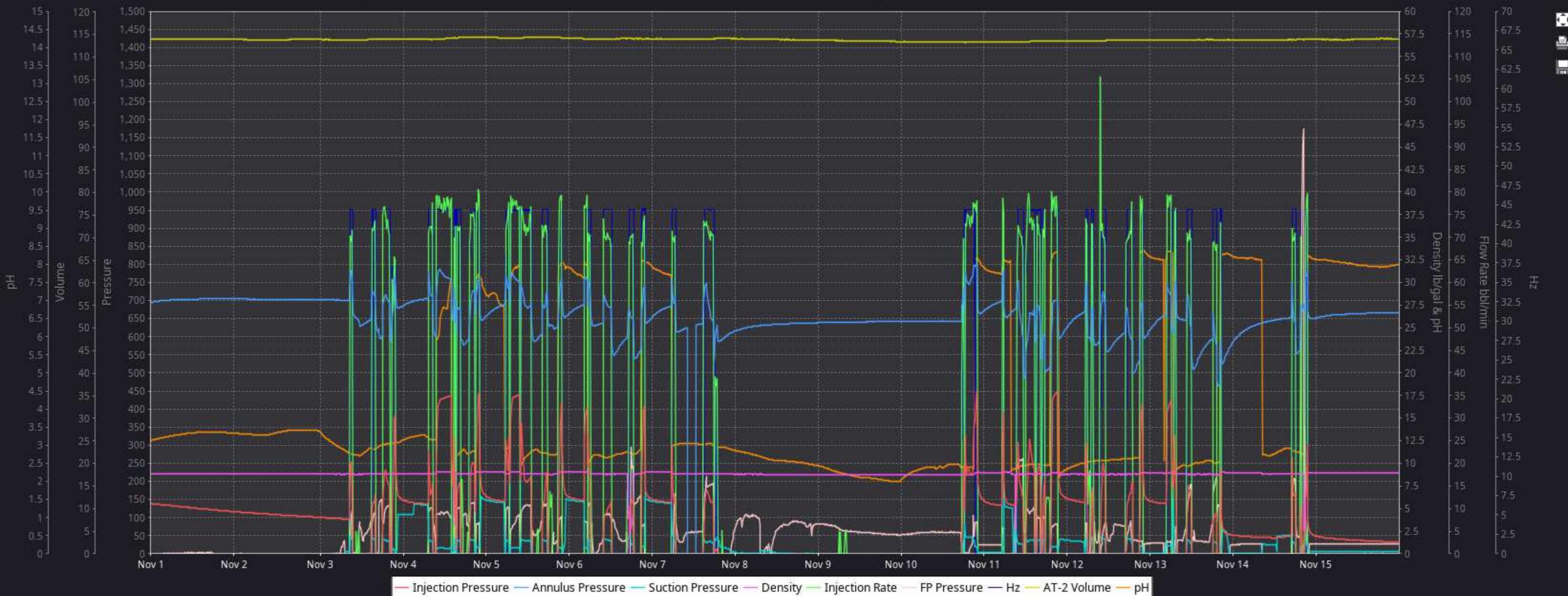
0.10 pH

Hz

-0 Hz

Filter Pot Pressure

-0.65 psi



11/1/25 12 AM - 11/15/25 11 PM

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

# Well 2 Trends

Date Picker

▶ Realtime

Flow Totalizer

0.00 gal

Injection Pressure

47.52 psi

Annulus Pressure

661.08 psi

Annulus Tank Volume

113.54 gal

Suction Pressure

4.75 psi

Injection Rate

0.00 gal/min

Density

15.93 lb/gal

pH

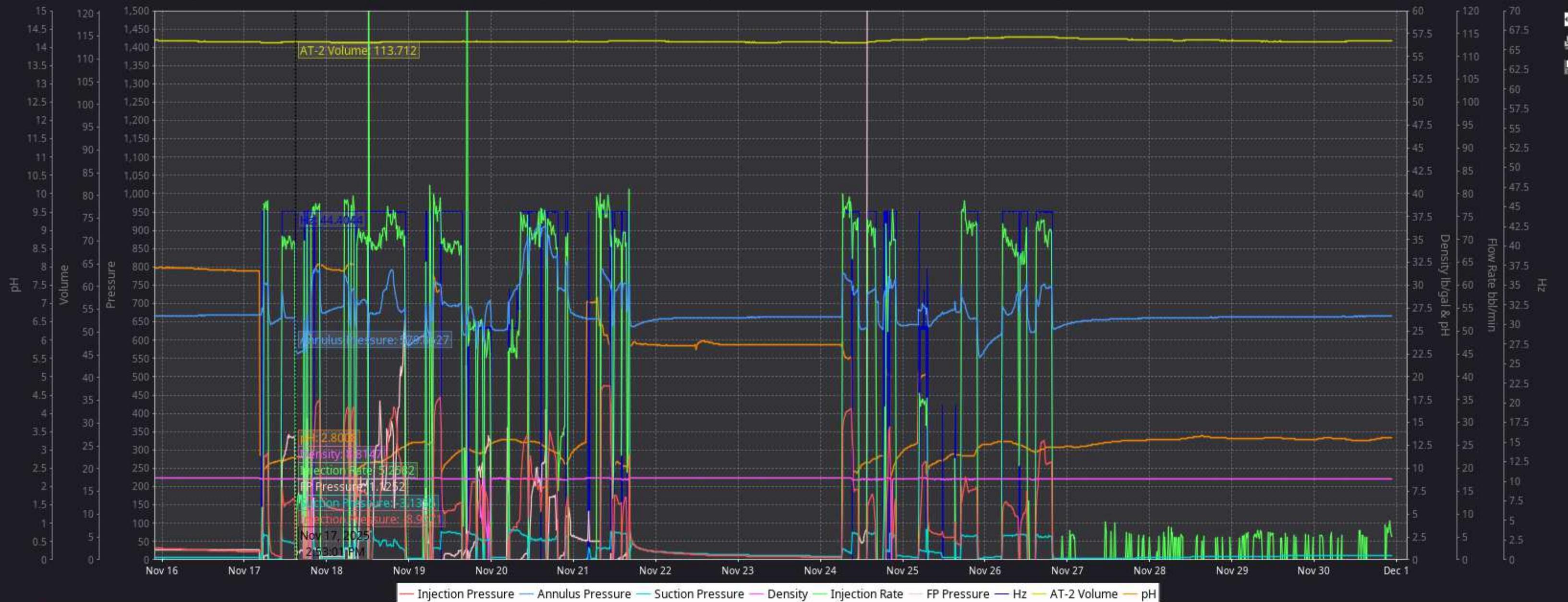
7.51 pH

Hz

-0 Hz

Filter Pot Pressure

-0.94 psi





Sustainability in Action

UIC Permit Condition Part II.D.1. (h):

Maintenance

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Date Identified	Description	Reason for Repair/ Maintenance	Component Fail/ Potential to Fail	Outcome	Life Expectancy of repaired Injection/Annulus components	Date of Completion
11/10/2025	Replaced upper/lower master valves, wing valve and tee on both wellheads with C276 Hastelloy.	Preventative	Potential to failure	New wellheads on IW1/2	Life of the wells	11/10/2025
11/17/2025	INJ1 taken apart and deadlined due to a crack in the manifold	Excess Vibration	Component Failure	Well down until replacement	-	-



Sustainability in Action

UIC Permit Condition Part II.D.1. (a):

Injection Fingerprints

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RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	11/26/25
Receiving ID#	I11262503
Manifest #	Line
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	10:58
Time out	
Received by	J. Howell
Sampled by	Colin H

LAB INFORMATION	
Compatible? (RT# )	
PCBs (ppm) (Oily Waste Only)?	
TOC ppm (CC Waste Only)?	
Flash Point (F)	7140
pH (S.U.)	0.09
Cyanides? (mg/L)	
Sulfides? (ppm)?	
Specific Gravity	1.16
Physical Description	
Stream Consistency	Yes No
Oil in Sample?	Yes No
Temperature (F)	72.8
Conductivity	322.4
% Solids	1.33
Turbidity	Yes No
Color	
TSS (%)	<0.1
Radiation Screen (as needed)	
Lab Signature/Initials	J. Howell

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	11/26/25
Receiving ID#	211262504
Manifest #	Line
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	10:39
Time out	
Received by	J. Wastell
Sampled by	J. Wastell

LAB INFORMATION	
Compatible? (RT# )	
PCBs (ppm) (Oily Waste Only)?	
TOC ppm (CC Waste Only)?	
Flash Point (F)	74.0
pH (S.U.)	0.26
Cyanides? (mg/L)	
Sulfides? (ppm)?	
Specific Gravity	1.14
Physical Description	
Stream Consistency	Yes No
Oil in Sample?	Yes No
Temperature (F)	72.8
Conductivity	264.7
% Solids	2.5
Turbidity	Yes No
Color	
TSS (%)	<0.1
Radiation Screen (as needed)	
Lab Signature/Initials	J. Wastell

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	11/26/25
Receiving ID#	I11262502
Manifest #	Line
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	0900
Time out	
Received by	Alexis Scalf
Sampled by	Justis Colangelo

LAB INFORMATION	
Compatible? (RT# )	
PCBs (ppm) (Oily Waste Only)?	
TOC ppm (CC Waste Only)?	
Flash Point (F)	>140
pH (S.U.)	0.32
Cyanides? (mg/L)	
Sulfides? (ppm)?	
Specific Gravity	1.21
Physical Description	liquid
Stream Consistency	(Yes) No
Oil in Sample?	Yes (No)
Temperature (F)	77.8
Conductivity	277.9
% Solids	14.28
Turbidity	Yes (No)
Color	Green
TSS (%)	20.1
Radiation Screen (as needed)	
Lab Signature/Initials	<i>[Signature]</i>

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	11/25 / 25
Receiving ID#	111762501
Manifest #	Line
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	0511
Time out	
Received by	Alexis Scott
Sampled by	Justin Colangelo

LAB INFORMATION	
Compatible? (RT# )	
PCBs (ppm) (Oily Waste Only)?	
TOC ppm (CC Waste Only)?	
Flash Point (F)	>140
pH (S.U.)	0.33
Cyanides? (mg/L)	
Sulfides? (ppm)?	
Specific Gravity	1.021
Physical Description	liquid
Stream Consistency	Yes No
Oil in Sample?	Yes (No)
Temperature (F)	84.5
Conductivity	242.0
% Solids	16.11
Turbidity	Yes (No)
Color	Green
TSS (%)	<0.1
Radiation Screen (as needed)	
Lab Signature/Initials	AMJ

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	11/25/25
Receiving ID#	F11252502
Manifest #	Line
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	19:34
Time out	
Received by	J. Russell
Sampled by	Cedric H

LAB INFORMATION	
Compatible? (RT# )	
PCBs (ppm) (Oily Waste Only)?	
TOC ppm (CC Waste Only)?	
Flash Point (F)	>140
pH (S.U.)	0.51
Cyanides? (mg/L)	
Sulfides? (ppm)?	
Specific Gravity	1.18
Physical Description	
Stream Consistency	Yes No
Oil in Sample?	Yes No
Temperature (F)	75.5
Conductivity	240.8
% Solids	0.83
Turbidity	Yes No
Color	
TSS (%)	<0.1
Radiation Screen (as needed)	no
Lab Signature/Initials	J. Russell

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	11/25/25
Receiving ID#	I11252501
Manifest #	Line
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	0454
Time out	
Received by	Alexis Scelf
Sampled by	NSW Horn

LAB INFORMATION	
Compatible? (RT# )	
PCBs (ppm) (Oily Waste Only)?	
TOC ppm (CC Waste Only)?	
Flash Point (F)	>140
pH (S.U.)	5.63
Cyanides? (mg/L)	
Sulfides? (ppm)?	
Specific Gravity	1.0
Physical Description	liquid
Stream Consistency	(Yes) No
Oil in Sample?	Yes (No)
Temperature (F)	85.1
Conductivity	3.295
% Solids	<0.1
Turbidity	Yes (No)
Color	Colorless/milky
TSS (%)	<0.1
Radiation Screen (as needed)	
Lab Signature/Initials	AS

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	11/24/25
Receiving ID#	Z11242567
Manifest #	Line
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	16:34
Time out	
Received by	Alexis Scott
Sampled by	Colin Huns

LAB INFORMATION	
Compatible? (RT# )	
PCBs (ppm) (Oily Waste Only)?	
TOC ppm (CC Waste Only)?	
Flash Point (F)	>140
pH (S.U.)	0.34
Cyanides? (mg/L)	
Sulfides? (ppm)?	
Specific Gravity	1.20
Physical Description	Liquid
Stream Consistency	Yes No
Oil in Sample?	Yes (No)
Temperature (F)	74.8
Conductivity	231.6
% Solids	14.16
Turbidity	Yes (No)
Color	Green
TSS (%)	0.5
Radiation Screen (as needed)	
Lab Signature/Initials	ALY SJ

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	11/24/25
Receiving ID#	I1124262
Manifest #	Line
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	10:17
Time out	
Received by	
Sampled by	Jacob Line

LAB INFORMATION	
Compatible? (RT# )	
PCBs (ppm) (Oily Waste Only)?	
TOC ppm (CC Waste Only)?	
Flash Point (F)	5140
pH (S.U.)	2.54
Cyanides? (mg/L)	
Sulfides? (ppm)?	
Specific Gravity	1.15
Physical Description	Liquid
Stream Consistency	Yes No
Oil in Sample?	Yes No
Temperature (F)	74.2
Conductivity	121.2
% Solids	12.87
Turbidity	Yes No
Color	Green
TSS (%)	2.0
Radiation Screen (as needed)	
Lab Signature/Initials	ALJ SJ

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	11/21/25
Receiving ID#	I11247501
Manifest #	Line
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	06:27
Time out	
Received by	Alexis Scott
Sampled by	Justin Colangelo

LAB INFORMATION	
Compatible? (RT# )	
PCBs (ppm) (Oily Waste Only)?	
TOC ppm (CC Waste Only)?	
Flash Point (F)	>140
pH (S.U.)	6.14
Cyanides? (mg/L)	
Sulfides? (ppm)?	
Specific Gravity	1.01
Physical Description	liquid
Stream Consistency	Yes No
Oil in Sample?	Yes No
Temperature (F)	77.0
Conductivity	3.516
% Solids	<0.1
Turbidity	Yes No
Color	Colorless/milky
TSS (%)	<0.1
Radiation Screen (as needed)	
Lab Signature/Initials	ky J.

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	11/21/25
Receiving ID#	II1212503
Manifest #	Line
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	14:51
Time out	
Received by	Alexis Scalf
Sampled by	Alexis Scalf

LAB INFORMATION	
Compatible? (RT# )	
PCBs (ppm) (Oily Waste Only)?	
TOC ppm (CC Waste Only)?	
Flash Point (F)	>140
pH (S.U.)	1.42
Cyanides? (mg/L)	
Sulfides? (ppm)?	
Specific Gravity	1.13
Physical Description	liquid
Stream Consistency	<input checked="" type="radio"/> Yes <input type="radio"/> No
Oil in Sample?	Yes <input checked="" type="radio"/> No
Temperature (F)	69.1
Conductivity	125.1
% Solids	13.56
Turbidity	Yes <input checked="" type="radio"/> No
Color	Green
TSS (%)	0.5
Radiation Screen (as needed)	
Lab Signature/Initials	<i>[Signature]</i>

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	11/2/25
Receiving ID#	I 112/2502
Manifest #	Line
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	1030
Time out	
Received by	<i>[Signature]</i>
Sampled by	NEED HOLTON

LAB INFORMATION	
Compatible? (RT# )	
PCBs (ppm) (Oily Waste Only)?	
TOC ppm (CC Waste Only)?	
Flash Point (F)	
pH (S.U.)	6.80
Cyanides? (mg/L)	
Sulfides? (ppm)?	
Specific Gravity	1.0
Physical Description	
Stream Consistency	Yes No
Oil in Sample?	Yes No
Temperature (F)	69.3
Conductivity	3.53 mS
% Solids	<0.1
Turbidity	Yes No
Color	
TSS (%)	<0.1
Radiation Screen (as needed)	
Lab Signature/Initials	<i>[Signature]</i>

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	11/21/25
Receiving ID#	I11212501
Manifest #	Line
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	0428
Time out	
Received by	<i>J. Al</i>
Sampled by	<i>Justin Colangelo</i>

LAB INFORMATION	
Compatible? (RT# )	
PCBs (ppm) (Oily Waste Only)?	
TOC ppm (CC Waste Only)?	
Flash Point (F)	5140
pH (S.U.)	7.85
Cyanides? (mg/L)	
Sulfides? (ppm)?	
Specific Gravity	1.02
Physical Description	
Stream Consistency	Yes No
Oil in Sample?	Yes No
Temperature (F)	71.4
Conductivity	3.559 mS
% Solids	LOI
Turbidity	Yes No
Color	
TSS (%)	LOI
Radiation Screen (as needed)	
Lab Signature/Initials	<i>J. Al</i>

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	11/20/25
Receiving ID#	I11202504
Manifest #	Line
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	18:10
Time out	
Received by	Alexis Scalf
Sampled by	Dalton M.

LAB INFORMATION	
Compatible? (RT# )	
PCBs (ppm) (Oily Waste Only)?	
TOC ppm (CC Waste Only)?	
Flash Point (F)	>140
pH (S.U.)	0.63
Cyanides? (mg/L)	
Sulfides? (ppm)?	
Specific Gravity	1.13
Physical Description	liquid
Stream Consistency	(Yes) No
Oil in Sample?	Yes (No)
Temperature (F)	67.5
Conductivity	190.7
% Solids	11.03
Turbidity	Yes (No)
Color	Brown
TSS (%)	0.5
Radiation Screen (as needed)	
Lab Signature/Initials	AM

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	11/20/25
Receiving ID#	RI1202503
Manifest #	Line
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	14:05
Time out	
Received by	Alexis Scalf
Sampled by	Dutton M.

LAB INFORMATION	
Compatible? (RT# )	
PCBs (ppm) (Oily Waste Only)?	
TOC ppm (CC Waste Only)?	
Flash Point (F)	5140
pH (S.U.)	0.54
Cyanides? (mg/L)	
Sulfides? (ppm)?	
Specific Gravity	1.14
Physical Description	liquid
Stream Consistency	Yes No
Oil in Sample?	Yes No
Temperature (F)	73.7
Conductivity	238.7
% Solids	<0.1
Turbidity	Yes No
Color	Green
TSS (%)	<0.1
Radiation Screen (as needed)	
Lab Signature/Initials	AS

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	11/20/25
Receiving ID#	211207502
Manifest #	Line
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	10:05
Time out	
Received by	<i>[Signature]</i>
Sampled by	A. Warlick

LAB INFORMATION	
Compatible? (RT# )	
PCBs (ppm) (Oily Waste Only)?	
TOC ppm (CC Waste Only)?	
Flash Point (F)	214
pH (S.U.)	0.42
Cyanides? (mg/L)	
Sulfides? (ppm)?	
Specific Gravity	1.06
Physical Description	
Stream Consistency	Yes No
Oil in Sample?	Yes No
Temperature (F)	77.2
Conductivity	271.4 uS
% Solids	17.11
Turbidity	Yes No
Color	
TSS (%)	2.6
Radiation Screen (as needed)	
Lab Signature/Initials	<i>[Signature]</i>

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	11/20/25
Receiving ID#	I11202501
Manifest #	Line
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	0457
Time out	
Received by	<i>J. Ah</i>
Sampled by	Justin Colangelo

LAB INFORMATION	
Compatible? (RT# )	
PCBs (ppm) (Oily Waste Only)?	
TOC ppm (CC Waste Only)?	
Flash Point (F)	2140
pH (S.U.)	0.40
Cyanides? (mg/L)	
Sulfides? (ppm)?	
Specific Gravity	1.19
Physical Description	
Stream Consistency	Yes No
Oil in Sample?	Yes No
Temperature (F)	73.0
Conductivity	244.5 uS
% Solids	16.88
Turbidity	Yes No
Color	
TSS (%)	2.1
Radiation Screen (as needed)	
Lab Signature/Initials	<i>J. Ah</i>

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	11/19/25
Receiving ID#	51192504
Manifest #	Line
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	20:27
Time out	
Received by	Alexis Scalf
Sampled by	J. Harrell

LAB INFORMATION	
Compatible? (RT# )	
PCBs (ppm) (Oily Waste Only)?	
TOC ppm (CC Waste Only)?	
Flash Point (F)	5140
pH (S.U.)	0.31
Cyanides? (mg/L)	
Sulfides? (ppm)?	
Specific Gravity	1.16
Physical Description	liquid
Stream Consistency	(Yes) No
Oil in Sample?	Yes (No)
Temperature (F)	76.9
Conductivity	198.1
% Solids	16.03
Turbidity	Yes (No)
Color	Green
TSS (%)	0.5
Radiation Screen (as needed)	
Lab Signature/Initials	AS

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	11/19 / 25
Receiving ID#	I11198503
Manifest #	Line
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	1357
Time out	
Received by	Alexis Scalf
Sampled by	Justin Colangelo

LAB INFORMATION	
Compatible? (RT# )	
PCBs (ppm) (Oily Waste Only)?	
TOC ppm (CC Waste Only)?	
Flash Point (F)	5140
pH (S.U.)	0.58
Cyanides? (mg/L)	
Sulfides? (ppm)?	
Specific Gravity	1.14
Physical Description	liquid
Stream Consistency	<input checked="" type="radio"/> Yes <input type="radio"/> No
Oil in Sample?	Yes <input type="radio"/> <input checked="" type="radio"/> No
Temperature (F)	79.1
Conductivity	189.4
% Solids	12.45
Turbidity	Yes <input type="radio"/> <input checked="" type="radio"/> No
Color	Green
TSS (%)	0.5
Radiation Screen (as needed)	
Lab Signature/Initials	<i>AS</i>

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	11/19/25
Receiving ID#	I11192502
Manifest #	Line
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	0954
Time out	
Received by	<i>J. D. H.</i>
Sampled by	<i>J. D. H.</i>

LAB INFORMATION	
Compatible? (RT# )	
PCBs (ppm) (Oily Waste Only)?	
TOC ppm (CC Waste Only)?	
Flash Point (F)	>140
pH (S.U.)	0.62
Cyanides? (mg/L)	
Sulfides? (ppm)?	
Specific Gravity	1.13
Physical Description	
Stream Consistency	Yes No
Oil in Sample?	Yes No
Temperature (F)	70.8
Conductivity	2020ms
% Solids	14.55
Turbidity	Yes No
Color	
TSS (%)	<0.1
Radiation Screen (as needed)	
Lab Signature/Initials	<i>J. D. H.</i>

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	11/19/25
Receiving ID#	E11192501
Manifest #	Line
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	0450
Time out	
Received by	<i>[Signature]</i>
Sampled by	<i>[Signature]</i> A. S. Colangelo

LAB INFORMATION	
Compatible? (RT# )	
PCBs (ppm) (Oily Waste Only)?	
TOC ppm (CC Waste Only)?	
Flash Point (F)	77.9
pH (S.U.)	0.59
Cyanides? (mg/L)	
Sulfides? (ppm)?	
Specific Gravity	1.05
Physical Description	
Stream Consistency	Yes No
Oil in Sample?	Yes No
Temperature (F)	75.9
Conductivity	227.9
% Solids	16.72
Turbidity	Yes No
Color	
TSS (%)	<0.1
Radiation Screen (as needed)	
Lab Signature/Initials	<i>[Signature]</i>

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	11/18/25
Receiving ID#	L11182505
Manifest #	Line
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	21:30
Time out	
Received by	Alexis Sealf
Sampled by	Colin Hur

LAB INFORMATION	
Compatible? (RT# )	
PCBs (ppm) (Oily Waste Only)?	
TOC ppm (CC Waste Only)?	
Flash Point (F)	5140
pH (S.U.)	0.40
Cyanides? (mg/L)	
Sulfides? (ppm)?	
Specific Gravity	1.18
Physical Description	liquid
Stream Consistency	Yes No
Oil in Sample?	Yes (No)
Temperature (F)	75.3
Conductivity	249.6
% Solids	15.62
Turbidity	Yes (No)
Color	Green
TSS (%)	0.1
Radiation Screen (as needed)	
Lab Signature/Initials	AM SJ

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	11/16/25
Receiving ID#	I11/62504
Manifest #	Line
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	17:54
Time out	
Received by	Alexis Scalf
Sampled by	J. Marfell

LAB INFORMATION	
Compatible? (RT# )	
PCBs (ppm) (Oily Waste Only)?	
TOC ppm (CC Waste Only)?	
Flash Point (F)	>140
pH (S.U.)	0.43
Cyanides? (mg/L)	
Sulfides? (ppm)?	
Specific Gravity	1.19
Physical Description	liquid
Stream Consistency	(Yes) No
Oil in Sample?	Yes (No)
Temperature (F)	75.1
Conductivity	260.1
% Solids	15.92
Turbidity	Yes (No)
Color	Brown
TSS (%)	0.1
Radiation Screen (as needed)	
Lab Signature/Initials	AM

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	11/18/25
Receiving ID#	IL182503
Manifest #	Line
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	13:46
Time out	
Received by	Alexis Scott
Sampled by	A. Wally

LAB INFORMATION	
Compatible? (RT# )	
PCBs (ppm) (Oily Waste Only)?	
TOC ppm (CC Waste Only)?	
Flash Point (F)	5140
pH (S.U.)	0.49
Cyanides? (mg/L)	
Sulfides? (ppm)?	
Specific Gravity	1.13
Physical Description	liquid
Stream Consistency	Yes No
Oil in Sample?	Yes No
Temperature (F)	73.9
Conductivity	242.5
% Solids	13.80
Turbidity	Yes No
Color	Orange
TSS (%)	<0.1
Radiation Screen (as needed)	
Lab Signature/Initials	AW

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	11/18/25
Receiving ID#	I11182502
Manifest #	Line
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	0947
Time out	
Received by	<i>J. Al</i>
Sampled by	<i>Justin Gonzalez</i>

LAB INFORMATION	
Compatible? (RT# )	
PCBs (ppm) (Oily Waste Only)?	
TOC ppm (CC Waste Only)?	
Flash Point (F)	> 140
pH (S.U.)	0.84
Cyanides? (mg/L)	
Sulfides? (ppm)?	
Specific Gravity	1.10
Physical Description	
Stream Consistency	Yes No
Oil in Sample?	Yes No
Temperature (F)	68.3
Conductivity	236.6 μmS
% Solids	9.12
Turbidity	Yes No
Color	
TSS (%)	20.1
Radiation Screen (as needed)	
Lab Signature/Initials	<i>J. Al</i>

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	11/18/25
Receiving ID#	I11182501
Manifest #	Line
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	0506
Time out	
Received by	<i>[Signature]</i>
Sampled by	New Horan

LAB INFORMATION	
Compatible? (RT# )	
PCBs (ppm) (Oily Waste Only)?	
TOC ppm (CC Waste Only)?	
Flash Point (F)	2140
pH (S.U.)	8.34
Cyanides? (mg/L)	
Sulfides? (ppm)?	
Specific Gravity	1.02
Physical Description	
Stream Consistency	Yes No
Oil in Sample?	Yes No
Temperature (F)	68.8
Conductivity	3.579
% Solids	0.86
Turbidity	Yes No
Color	
TSS (%)	<0.1
Radiation Screen (as needed)	<i>[Signature]</i>
Lab Signature/Initials	<i>[Signature]</i>

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	11/17/25
Receiving ID#	L11172503
Manifest #	Line
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	20:51
Time out	
Received by	Alexis Seal
Sampled by	Colin Hur

LAB INFORMATION	
Compatible? (RT# )	
PCBs (ppm) (Oily Waste Only)?	
TOC ppm (CC Waste Only)?	
Flash Point (F)	5140
pH (S.U.)	8.30
Cyanides? (mg/L)	
Sulfides? (ppm)?	
Specific Gravity	1.0
Physical Description	liquid
Stream Consistency	Yes No
Oil in Sample?	Yes No
Temperature (F)	68.8
Conductivity	3.516
% Solids	3.19
Turbidity	Yes No
Color	Brown
TSS (%)	20.1
Radiation Screen (as needed)	
Lab Signature/Initials	AJ EJ

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	11/17 /25
Receiving ID#	I 11172502
Manifest #	Line
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	12:54
Time out	
Received by	<i>[Signature]</i>
Sampled by	Justin Colangelo

LAB INFORMATION	
Compatible? (RT# )	
PCBs (ppm) (Oily Waste Only)?	
TOC ppm (CC Waste Only)?	
Flash Point (F)	> 220
pH (S.U.)	0.63
Cyanides? (mg/L)	
Sulfides? (ppm)?	
Specific Gravity	1.13
Physical Description	
Stream Consistency	Yes No
Oil in Sample?	Yes No
Temperature (F)	68.8
Conductivity	2.72 uS/cm
% Solids	14.29
Turbidity	Yes No
Color	
TSS (%)	< 0.1
Radiation Screen (as needed)	
Lab Signature/Initials	<i>[Signature]</i>

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	11/17/25
Receiving ID#	511172501
Manifest #	Line
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	5:05
Time out	
Received by	<i>J. Al</i>
Sampled by	J. Morrill

LAB INFORMATION	
Compatible? (RT# )	
PCBs (ppm) (Oily Waste Only)?	
TOC ppm (CC Waste Only)?	
Flash Point (F)	>140
pH (S.U.)	6.59
Cyanides? (mg/L)	
Sulfides? (ppm)?	
Specific Gravity	1.12
Physical Description	
Stream Consistency	Yes No
Oil in Sample?	Yes No
Temperature (F)	76.8
Conductivity	439.6 $\mu$ ms
% Solids	15.84
Turbidity	Yes No
Color	
TSS (%)	20.1
Radiation Screen (as needed)	
Lab Signature/Initials	<i>J. Al</i>

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	11/ /25
Receiving ID#	F11132501
Manifest #	Line
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	1715
Time out	
Received by	Alexis Scalf
Sampled by	Colin Hump

LAB INFORMATION	
Compatible? (RT# )	
PCBs (ppm) (Oily Waste Only)?	
TOC ppm (CC Waste Only)?	
Flash Point (F)	>140
pH (S.U.)	0.81
Cyanides? (mg/L)	
Sulfides? (ppm)?	
Specific Gravity	1.10
Physical Description	liquid
Stream Consistency	Yes No
Oil in Sample?	Yes No
Temperature (F)	75.1
Conductivity	486.5
% Solids	7.23
Turbidity	Yes No
Color	lt. Brown
TSS (%)	10.1
Radiation Screen (as needed)	
Lab Signature/Initials	Aly SP

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	11/13/25
Receiving ID#	E11132503
Manifest #	Line
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	18:38
Time out	
Received by	Alexis Scalf
Sampled by	Colin H...

LAB INFORMATION	
Compatible? (RT# )	
PCBs (ppm) (Oily Waste Only)?	
TOC ppm (CC Waste Only)?	
Flash Point (F)	>140
pH (S.U.)	0.67
Cyanides? (mg/L)	
Sulfides? (ppm)?	
Specific Gravity	1.12
Physical Description	liquid
Stream Consistency	<input checked="" type="radio"/> Yes <input type="radio"/> No
Oil in Sample?	Yes <input checked="" type="radio"/> No
Temperature (F)	65.7
Conductivity	219.6
% Solids	13.91
Turbidity	Yes <input checked="" type="radio"/> No
Color	Red
TSS (%)	<0.1
Radiation Screen (as needed)	
Lab Signature/Initials	ALT PJ

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	11/13 / 25
Receiving ID#	I11132502
Manifest #	Line
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	0730
Time out	
Received by	<i>J. Ash</i>
Sampled by	<i>Wushu Colangelo</i>

LAB INFORMATION	
Compatible? (RT# )	
PCBs (ppm) (Oily Waste Only)?	
TOC ppm (CC Waste Only)?	
Flash Point (F)	>140
pH (S.U.)	0.89
Cyanides? (mg/L)	
Sulfides? (ppm)?	
Specific Gravity	1.09
Physical Description	
Stream Consistency	Yes No
Oil in Sample?	Yes No
Temperature (F)	69.4
Conductivity	337.4 <i>µS</i>
% Solids	9.23
Turbidity	Yes No
Color	
TSS (%)	<0.1
Radiation Screen (as needed)	
Lab Signature/Initials	<i>J. Ash</i>

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	11/13 / 25
Receiving ID#	J11132501
Manifest #	Line
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	0449
Time out	
Received by	<i>J. A. [Signature]</i>
Sampled by	<i>Justin Calongelo</i>

LAB INFORMATION	
Compatible? (RT# )	
PCBs (ppm) (Oily Waste Only)?	
TOC ppm (CC Waste Only)?	
Flash Point (F)	> 140
pH (S.U.)	8.55
Cyanides? (mg/L)	
Sulfides? (ppm)?	
Specific Gravity	1.02
Physical Description	
Stream Consistency	Yes No
Oil in Sample?	Yes No
Temperature (F)	72.7
Conductivity	3755 mg
% Solids	< 0.1
Turbidity	Yes No
Color	
TSS (%)	< 0.1
Radiation Screen (as needed)	
Lab Signature/Initials	<i>J. A. [Signature]</i>

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	11/12/25
Receiving ID#	D1122503
Manifest #	Line
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	18:43
Time out	
Received by	Alexis Scalf
Sampled by	Dalton M.

LAB INFORMATION	
Compatible? (RT# )	
PCBs (ppm) (Oily Waste Only)?	
TOC ppm (CC Waste Only)?	
Flash Point (F)	>140
pH (S.U.)	0.92
Cyanides? (mg/L)	
Sulfides? (ppm)?	
Specific Gravity	1.10
Physical Description	liquid
Stream Consistency	Yes No
Oil in Sample?	Yes (No)
Temperature (F)	65.5
Conductivity	491.9
% Solids	<0.1
Turbidity	Yes (No)
Color	Green
TSS (%)	<0.1
Radiation Screen (as needed)	
Lab Signature/Initials	AM

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	11/12/25
Receiving ID#	71122102
Manifest #	Line
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	10:32
Time out	
Received by	<i>J. A. h.</i>
Sampled by	<i>Jacob Line</i>

LAB INFORMATION	
Compatible? (RT# )	
PCBs (ppm) (Oily Waste Only)?	
TOC ppm (CC Waste Only)?	
Flash Point (F)	>140
pH (S.U.)	1.65
Cyanides? (mg/L)	
Sulfides? (ppm)?	
Specific Gravity	1.13
Physical Description	
Stream Consistency	Yes No
Oil in Sample?	Yes No
Temperature (F)	66.0
Conductivity	113.8 μS
% Solids	11.88
Turbidity	Yes No
Color	
TSS (%)	0.5
Radiation Screen (as needed)	
Lab Signature/Initials	<i>J. A. h.</i>

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	11/12 / 25
Receiving ID#	I11172501
Manifest #	Line
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	0831
Time out	
Received by	<i>[Signature]</i>
Sampled by	Justin Colangelo

LAB INFORMATION	
Compatible? (RT# )	
PCBs (ppm) (Oily Waste Only)?	
TOC ppm (CC Waste Only)?	
Flash Point (F)	> 140
pH (S.U.)	0.92
Cyanides? (mg/L)	
Sulfides? (ppm)?	
Specific Gravity	1.04
Physical Description	
Stream Consistency	Yes No
Oil in Sample?	Yes No
Temperature (F)	70.0
Conductivity	178.9 us
% Solids	14.63
Turbidity	Yes No
Color	
TSS (%)	1.5
Radiation Screen (as needed)	
Lab Signature/Initials	<i>[Signature]</i>

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	11/11 / 25
Receiving ID#	J11112505
Manifest #	Line
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	20:23
Time out	
Received by	Alexis Scott
Sampled by	Colin H.

LAB INFORMATION	
Compatible? (RT# )	
PCBs (ppm) (Oily Waste Only)?	
TOC ppm (CC Waste Only)?	
Flash Point (F)	>140
pH (S.U.)	8.40
Cyanides? (mg/L)	
Sulfides? (ppm)?	
Specific Gravity	1.01
Physical Description	Liquid
Stream Consistency	Yes No
Oil in Sample?	Yes (No)
Temperature (F)	3 67.9
Conductivity	3.819
% Solids	<0.1
Turbidity	Yes (No)
Color	Tan
TSS (%)	<0.1
Radiation Screen (as needed)	
Lab Signature/Initials	Alex S

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	11/11/25
Receiving ID#	11112504
Manifest #	Line
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	16:00
Time out	
Received by	Alexis Scaff
Sampled by	Darlan M.

LAB INFORMATION	
Compatible? (RT# )	
PCBs (ppm) (Oily Waste Only)?	
TOC ppm (CC Waste Only)?	
Flash Point (F)	5140
pH (S.U.)	0.55
Cyanides? (mg/L)	
Sulfides? (ppm)?	
Specific Gravity	1.15
Physical Description	Liquid
Stream Consistency	(Yes) No
Oil in Sample?	Yes (No)
Temperature (F)	67.9
Conductivity	202.3
% Solids	15.92
Turbidity	Yes (No)
Color	Dark Brown
TSS (%)	0.25
Radiation Screen (as needed)	
Lab Signature/Initials	AM sf

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	11/11/25
Receiving ID#	III12503
Manifest #	Line
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	13:40
Time out	
Received by	Alexis Scalf
Sampled by	Jacobline

LAB INFORMATION	
Compatible? (RT# )	
PCBs (ppm) (Oily Waste Only)?	
TOC ppm (CC Waste Only)?	
Flash Point (F)	>140
pH (S.U.)	0.41
Cyanides? (mg/L)	
Sulfides? (ppm)?	
Specific Gravity	1.13
Physical Description	liquid
Stream Consistency	Yes No
Oil in Sample?	Yes (No)
Temperature (F)	64.4
Conductivity	294.5
% Solids	13.10
Turbidity	Yes (No)
Color	Black
TSS (%)	0.5
Radiation Screen (as needed)	
Lab Signature/Initials	MSJ

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	11/11/25
Receiving ID#	IF 112502
Manifest #	Line
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	11:00
Time out	
Received by	<i>[Signature]</i>
Sampled by	A. Warty

LAB INFORMATION	
Compatible? (RT# )	
PCBs (ppm) (Oily Waste Only)?	
TOC ppm (CC Waste Only)?	
Flash Point (F)	2140
pH (S.U.)	0.93
Cyanides? (mg/L)	
Sulfides? (ppm)?	
Specific Gravity	1.16
Physical Description	
Stream Consistency	Yes No
Oil in Sample?	Yes No
Temperature (F)	66.8
Conductivity	335.9ms
% Solids	16.6
Turbidity	Yes No
Color	
TSS (%)	20.1
Radiation Screen (as needed)	
Lab Signature/Initials	<i>[Signature]</i>

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	11/11/25
Receiving ID#	I1112501
Manifest #	Line
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	0528
Time out	
Received by	<i>[Signature]</i>
Sampled by	<i>[Signature]</i> Verno Howard

LAB INFORMATION	
Compatible? (RT# )	
PCBs (ppm) (Oily Waste Only)?	
TOC ppm (CC Waste Only)?	
Flash Point (F)	>140
pH (S.U.)	8.36
Cyanides? (mg/L)	
Sulfides? (ppm)?	
Specific Gravity	1.02
Physical Description	
Stream Consistency	Yes No
Oil in Sample?	Yes No
Temperature (F)	70.3
Conductivity	32887
% Solids	<0.1
Turbidity	Yes No
Color	
TSS (%)	
Radiation Screen (as needed)	
Lab Signature/Initials	<i>[Signature]</i>

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	11/08/25
Receiving ID#	21102503
Manifest #	Line
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	21:50
Time out	
Received by	Alexis Seal
Sampled by	J. Marrell

LAB INFORMATION	
Compatible? (RT# )	
PCBs (ppm) (Oily Waste Only)?	
TOC ppm (CC Waste Only)?	
Flash Point (F)	5140
pH (S.U.)	8.26
Cyanides? (mg/L)	
Sulfides? (ppm)?	
Specific Gravity	1.01
Physical Description	liquid
Stream Consistency	(Yes) No
Oil in Sample?	Yes (No)
Temperature (F)	68.3
Conductivity	3.597
% Solids	<0.1
Turbidity	Yes (No)
Color	lt. Brown
TSS (%)	<0.1
Radiation Screen (as needed)	
Lab Signature/Initials	<i>[Signature]</i>

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	11/10/25
Receiving ID#	E11102502
Manifest #	Line
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	19:48
Time out	
Received by	Alexis Scalf
Sampled by	Colin Hln

LAB INFORMATION	
Compatible? (RT# )	
PCBs (ppm) (Oily Waste Only)?	
TOC ppm (CC Waste Only)?	
Flash Point (F)	2140
pH (S.U.)	0.47
Cyanides? (mg/L)	
Sulfides? (ppm)?	
Specific Gravity	1.13
Physical Description	liquid
Stream Consistency	Yes No
Oil in Sample?	Yes (No)
Temperature (F)	67.8
Conductivity	328.3
% Solids	13.09
Turbidity	Yes (No)
Color	lt. Blue
TSS (%)	<0.1
Radiation Screen (as needed)	
Lab Signature/Initials	ALY SJ

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	11/10 / 25
Receiving ID#	511102501
Manifest #	Line
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	18:23
Time out	
Received by	Alexis Scalf
Sampled by	J. Russell

LAB INFORMATION	
Compatible? (RT# )	
PCBs (ppm) (Oily Waste Only)?	
TOC ppm (CC Waste Only)?	
Flash Point (F)	5140
pH (S.U.)	0.55
Cyanides? (mg/L)	
Sulfides? (ppm)?	
Specific Gravity	1.14
Physical Description	liquid
Stream Consistency	(Yes) No
Oil in Sample?	Yes (No)
Temperature (F)	67.1
Conductivity	300.0
% Solids	14.80
Turbidity	Yes (No)
Color	H. Blue
TSS (%)	20.1
Radiation Screen (as needed)	
Lab Signature/Initials	AS

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	11/07/25
Receiving ID#	I11072502
Manifest #	Line
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	16:15
Time out	
Received by	Alexis Scalf
Sampled by	Colin H

LAB INFORMATION	
Compatible? (RT# )	
PCBs (ppm) (Oily Waste Only)?	
TOC ppm (CC Waste Only)?	
Flash Point (F)	>140
pH (S.U.)	0.68
Cyanides? (mg/L)	
Sulfides? (ppm)?	
Specific Gravity	1.18
Physical Description	liquid
Stream Consistency	Yes No
Oil in Sample?	Yes No
Temperature (F)	109.0
Conductivity	336.9
% Solids	<0.1
Turbidity	Yes No
Color	Green
TSS (%)	<0.1
Radiation Screen (as needed)	
Lab Signature/Initials	Al/S

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	11/09 / 25
Receiving ID#	F11072501
Manifest #	Line
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	0547
Time out	
Received by	<i>J. Sh</i>
Sampled by	<i>Justin Colangelo</i>

LAB INFORMATION	
Compatible? (RT# )	
PCBs (ppm) (Oily Waste Only)?	
TOC ppm (CC Waste Only)?	
Flash Point (F)	> 140
pH (S.U.)	0.16p
Cyanides? (mg/L)	
Sulfides? (ppm)?	
Specific Gravity	1.19
Physical Description	
Stream Consistency	Yes No
Oil in Sample?	Yes No
Temperature (F)	72.5
Conductivity	232.7 ml
% Solids	20.20
Turbidity	Yes No
Color	
TSS (%)	< 0.1
Radiation Screen (as needed)	
Lab Signature/Initials	<i>J. Sh</i>

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	11/06/25
Receiving ID#	F11062504
Manifest #	Line
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	21:42
Time out	
Received by	Alexis Sealf
Sampled by	Colin Hurr

LAB INFORMATION	
Compatible? (RT# )	
PCBs (ppm) (Oily Waste Only)?	
TOC ppm (CC Waste Only)?	
Flash Point (F)	>140
pH (S.U.)	8.45
Cyanides? (mg/L)	
Sulfides? (ppm)?	
Specific Gravity	1.01
Physical Description	liquid
Stream Consistency	<input checked="" type="radio"/> Yes <input type="radio"/> No
Oil in Sample?	Yes <input checked="" type="radio"/> No
Temperature (F)	71.8
Conductivity	4.031
% Solids	<0.1
Turbidity	Yes <input checked="" type="radio"/> No
Color	light Brown
TSS (%)	<0.1
Radiation Screen (as needed)	
Lab Signature/Initials	AS

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	11/06 / 25
Receiving ID#	F11062503
Manifest #	Line
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	1232
Time out	
Received by	<i>J. Sh</i>
Sampled by	<i>Justin Colombo</i>

LAB INFORMATION	
Compatible? (RT# )	
PCBs (ppm) (Oily Waste Only)?	
TOC ppm (CC Waste Only)?	
Flash Point (F)	2140
pH (S.U.)	0.61
Cyanides? (mg/L)	
Sulfides? (ppm)?	
Specific Gravity	1.19
Physical Description	
Stream Consistency	Yes No
Oil in Sample?	Yes No
Temperature (F)	65.7
Conductivity	237.5 <i>ms</i>
% Solids	20.00
Turbidity	Yes No
Color	
TSS (%)	50.1
Radiation Screen (as needed)	
Lab Signature/Initials	<i>J. Sh</i>

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	11/06/25
Receiving ID#	711062507
Manifest #	Line
Land Ban Cert included	Yes No
EGT Approval #	
Generator	<del>G.H. - K.C. Jones</del>
Client	
Transporter	
Time in	10:32
Time out	
Received by	<i>J.A.R.</i>
Sampled by	<i>Jacob Line</i>

LAB INFORMATION	
Compatible? (RT# )	
PCBs (ppm) (Oily Waste Only)?	
TOC ppm (CC Waste Only)?	
Flash Point (F)	> 48
pH (S.U.)	0.70
Cyanides? (mg/L)	
Sulfides? (ppm)?	
Specific Gravity	1.16
Physical Description	
Stream Consistency	Yes No
Oil in Sample?	Yes No
Temperature (F)	65.9
Conductivity	239.1 mS
% Solids	17.2)
Turbidity	Yes No
Color	
TSS (%)	< 0.1
Radiation Screen (as needed)	
Lab Signature/Initials	<i>J.A.R.</i>

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	11/06 / 25
Receiving ID#	I11067501
Manifest #	Line
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	0432
Time out	
Received by	<i>[Signature]</i>
Sampled by	<i>[Signature]</i>

LAB INFORMATION	
Compatible? (RT# )	
PCBs (ppm) (Oily Waste Only)?	
TOC ppm (CC Waste Only)?	
Flash Point (F)	2140
pH (S.U.)	8.51
Cyanides? (mg/L)	
Sulfides? (ppm)?	
Specific Gravity	1.01
Physical Description	
Stream Consistency	Yes No
Oil in Sample?	Yes No
Temperature (F)	69.4
Conductivity	3.749 us
% Solids	3.01
Turbidity	Yes No
Color	
TSS (%)	<0.1
Radiation Screen (as needed)	
Lab Signature/Initials	<i>[Signature]</i>

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	11/05/25
Receiving ID#	I 11052506
Manifest #	Line
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	22:00
Time out	
Received by	Alexis Scalf
Sampled by	J. RUFFLI

LAB INFORMATION	
Compatible? (RT# )	
PCBs (ppm) (Oily Waste Only)?	
TOC ppm (CC Waste Only)?	
Flash Point (F)	5140
pH (S.U.)	8.30
Cyanides? (mg/L)	
Sulfides? (ppm)?	
Specific Gravity	1.01
Physical Description	liquid
Stream Consistency	Yes No
Oil in Sample?	Yes No
Temperature (F)	70.4
Conductivity	3.554
% Solids	<0.1
Turbidity	Yes No
Color	light Brown
TSS (%)	<0.1
Radiation Screen (as needed)	
Lab Signature/Initials	AS

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	11/05/25
Receiving ID#	211052805
Manifest #	Line
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	17:08
Time out	
Received by	Alexis Scalf
Sampled by	J. Maffell

LAB INFORMATION	
Compatible? (RT# )	
PCBs (ppm) (Oily Waste Only)?	
TOC ppm (CC Waste Only)?	
Flash Point (F)	>140
pH (S.U.)	1.03
Cyanides? (mg/L)	
Sulfides? (ppm)?	
Specific Gravity	1.12
Physical Description	liquid
Stream Consistency	Yes No
Oil in Sample?	Yes (No)
Temperature (F)	68.9
Conductivity	203.7
% Solids	<0.1
Turbidity	Yes (No)
Color	light yellow
TSS (%)	<0.1
Radiation Screen (as needed)	
Lab Signature/Initials	AMJ SF

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	11/05 / 25
Receiving ID#	311052504
Manifest #	Line
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	11:58
Time out	
Received by	<i>J. D. H.</i>
Sampled by	<i>Jacob Line</i>

LAB INFORMATION	
Compatible? (RT# )	
PCBs (ppm) (Oily Waste Only)?	
TOC ppm (CC Waste Only)?	
Flash Point (F)	2140
pH (S.U.)	0.74
Cyanides? (mg/L)	
Sulfides? (ppm)?	
Specific Gravity	1.13
Physical Description	
Stream Consistency	Yes No
Oil in Sample?	Yes No
Temperature (F)	68.2
Conductivity	300.3 <i>ms</i>
% Solids	14.34
Turbidity	Yes No
Color	
TSS (%)	0.25
Radiation Screen (as needed)	
Lab Signature/Initials	<i>J. D. H.</i>

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	11/15 / 25
Receiving ID#	11052503
Manifest #	Line
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	0944
Time out	
Received by	<i>J. Sh</i>
Sampled by	<i>Wush's Colangelo</i>

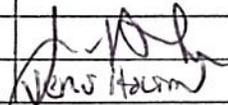
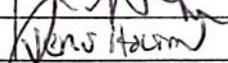
LAB INFORMATION	
Compatible? (RT# )	Y
PCBs (ppm) (Oily Waste Only)?	
TOC ppm (CC Waste Only)?	
Flash Point (F)	> 140
pH (S.U.)	7.89
Cyanides? (mg/L)	
Sulfides? (ppm)?	
Specific Gravity	1.02
Physical Description	
Stream Consistency	Yes No
Oil in Sample?	Yes No
Temperature (F)	70.3
Conductivity	9.013
% Solids	< 0.1
Turbidity	Yes No
Color	
TSS (%)	< 0.1
Radiation Screen (as needed)	
Lab Signature/Initials	<i>J. Sh</i>

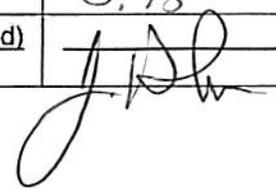
RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	11/05/25
Receiving ID#	II1052502
Manifest #	Line
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	07:48
Time out	
Received by	<i>[Signature]</i>
Sampled by	<i>Jacob Line</i>

LAB INFORMATION	
Compatible? (RT# )	
PCBs (ppm) (Oily Waste Only)?	N/A
TOC ppm (CC Waste Only)?	
Flash Point (F)	> 140
pH (S.U.)	8.17
Cyanides? (mg/L)	
Sulfides? (ppm)?	
Specific Gravity	1.02
Physical Description	
Stream Consistency	Yes No
Oil in Sample?	Yes No
Temperature (F)	69.3
Conductivity	3.916 mS
% Solids	< 0.1
Turbidity	Yes No
Color	
TSS (%)	< 0.1
Radiation Screen (as needed)	
Lab Signature/Initials	<i>[Signature]</i>

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	11/05/25
Receiving ID#	E11052501
Manifest #	Line
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	0531
Time out	
Received by	
Sampled by	

LAB INFORMATION	
Compatible? (RT# )	Y
PCBs (ppm) (Oily Waste Only)?	
TOC ppm (CC Waste Only)?	
Flash Point (F)	>140
pH (S.U.)	0.49
Cyanides? (mg/L)	
Sulfides? (ppm)?	
Specific Gravity	1.11
Physical Description	
Stream Consistency	Yes No
Oil in Sample?	Yes No
Temperature (F)	70.0
Conductivity	197.7 $\mu$ S
% Solids	10.56
Turbidity	Yes No
Color	
TSS (%)	0.75
Radiation Screen (as needed)	
Lab Signature/Initials	

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	11/04/25
Receiving ID#	E11042506
Manifest #	Line
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	21:36
Time out	
Received by	Alexis Scalf
Sampled by	Colin H.

LAB INFORMATION	
Compatible? (RT# )	
PCBs (ppm) (Oily Waste Only)?	
TOC ppm (CC Waste Only)?	
Flash Point (F)	>140
pH (S.U.)	7.80
Cyanides? (mg/L)	
Sulfides? (ppm)?	
Specific Gravity	1.01
Physical Description	liquid
Stream Consistency	<input checked="" type="radio"/> Yes <input type="radio"/> No
Oil in Sample?	Yes <input type="radio"/> <input checked="" type="radio"/> No
Temperature (F)	70.4
Conductivity	3.766
% Solids	< 0.1
Turbidity	Yes <input type="radio"/> <input checked="" type="radio"/> No
Color	14. Brown
TSS (%)	< 0.1
Radiation Screen (as needed)	
Lab Signature/Initials	Alex S

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	11/07/25
Receiving ID#	I11042505
Manifest #	Line
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	19:18
Time out	
Received by	Alexis Scalf
Sampled by	Colin Hurd

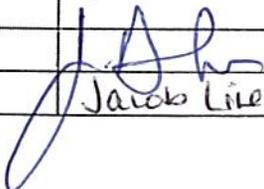
LAB INFORMATION	
Compatible? (RT# )	
PCBs (ppm) (Oily Waste Only)?	
TOC ppm (CC Waste Only)?	
Flash Point (F)	>140
pH (S.U.)	0.58
Cyanides? (mg/L)	
Sulfides? (ppm)?	
Specific Gravity	1.12
Physical Description	liquid
Stream Consistency	(Yes) No
Oil in Sample?	Yes (No)
Temperature (F)	70.2
Conductivity	247.2
% Solids	11.98
Turbidity	Yes (No)
Color	Red
TSS (%)	<0.1
Radiation Screen (as needed)	
Lab Signature/Initials	Alex S

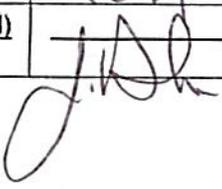
RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	11/04/25
Receiving ID#	Z11042504
Manifest #	Line
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	14:08
Time out	
Received by	Alexis Sealf
Sampled by	Colin Amer

LAB INFORMATION	
Compatible? (RT# )	
PCBs (ppm) (Oily Waste Only)?	
TOC ppm (CC Waste Only)?	
Flash Point (F)	2140
pH (S.U.)	7.48
Cyanides? (mg/L)	
Sulfides? (ppm)?	
Specific Gravity	1.01
Physical Description	Liquid
Stream Consistency	Yes No
Oil in Sample?	Yes No
Temperature (F)	67.0
Conductivity	3.971
% Solids	<0.1
Turbidity	Yes (No)
Color	H. Brown
TSS (%)	<0.1
Radiation Screen (as needed)	
Lab Signature/Initials	AS

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	11/04/25
Receiving ID#	711042503
Manifest #	Line
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	12:05
Time out	
Received by	
Sampled by	Jacob Line

LAB INFORMATION	
Compatible? (RT# )	
PCBs (ppm) (Oily Waste Only)?	
TOC ppm (CC Waste Only)?	
Flash Point (F)	>140
pH (S.U.)	10.3
Cyanides? (mg/L)	
Sulfides? (ppm)?	
Specific Gravity	1.02
Physical Description	
Stream Consistency	Yes No
Oil in Sample?	Yes No
Temperature (F)	76.3
Conductivity	4.687ms
% Solids	20.1
Turbidity	Yes No
Color	
TSS (%)	<0.1
Radiation Screen (as needed)	
Lab Signature/Initials	

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	11/04/25
Receiving ID#	I11042507
Manifest #	Line
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	1014
Time out	
Received by	<i>[Signature]</i>
Sampled by	Justin W. Langford

LAB INFORMATION	
Compatible? (RT# )	
PCBs (ppm) (Oily Waste Only)?	
TOC ppm (CC Waste Only)?	
Flash Point (F)	> 140
pH (S.U.)	5.45
Cyanides? (mg/L)	
Sulfides? (ppm)?	
Specific Gravity	1.02
Physical Description	
Stream Consistency	Yes No
Oil in Sample?	Yes No
Temperature (F)	68.8
Conductivity	5.088
% Solids	0.37
Turbidity	Yes No
Color	
TSS (%)	< 0.1
Radiation Screen (as needed)	
Lab Signature/Initials	<i>[Signature]</i>

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	11/04 / 25
Receiving ID#	I11042501
Manifest #	Line
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	0716
Time out	
Received by	<i>JAS</i>
Sampled by	<i>Justin Colangelo</i>

LAB INFORMATION	
Compatible? (RT# )	Y
PCBs (ppm) (Oily Waste Only)?	
TOC ppm (CC Waste Only)?	
Flash Point (F)	2140
pH (S.U.)	0.52
Cyanides? (mg/L)	
Sulfides? (ppm)?	
Specific Gravity	1.07
Physical Description	
Stream Consistency	Yes No
Oil in Sample?	Yes No
Temperature (F)	68.7
Conductivity	325.3 $\mu$ S
% Solids	16.18
Turbidity	Yes No
Color	
TSS (%)	20.1
Radiation Screen (as needed)	
Lab Signature/Initials	<i>JAS</i>

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	11/03/25
Receiving ID#	11032503
Manifest #	Line
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	14:52
Time out	
Received by	Alexis Scalf
Sampled by	J. MONTPELLE

LAB INFORMATION	
Compatible? (RT# )	
PCBs (ppm) (Oily Waste Only)?	
TOC ppm (CC Waste Only)?	
Flash Point (F)	>140
pH (S.U.)	0.52
Cyanides? (mg/L)	
Sulfides? (ppm)?	
Specific Gravity	1.15
Physical Description	liquid
Stream Consistency	(Yes) No
Oil in Sample?	Yes (No)
Temperature (F)	66.2
Conductivity	323.9
% Solids	13.60
Turbidity	Yes (No)
Color	Red/orange
TSS (%)	< 0.1
Radiation Screen (as needed)	
Lab Signature/Initials	AM

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	11/ 03 25
Receiving ID#	I11032502
Manifest #	Line
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	16:07
Time out	
Received by	Alexis Scalf
Sampled by	John H.

LAB INFORMATION	
Compatible? (RT# )	
PCBs (ppm) (Oily Waste Only)?	
TOC ppm (CC Waste Only)?	
Flash Point (F)	>140
pH (S.U.)	0.36
Cyanides? (mg/L)	
Sulfides? (ppm)?	
Specific Gravity	1.14
Physical Description	Liquid
Stream Consistency	(Yes) No
Oil in Sample?	Yes (No)
Temperature (F)	70.4
Conductivity	297.4
% Solids	14.86
Turbidity	Yes (No)
Color	Green
TSS (%)	<0.1
Radiation Screen (as needed)	
Lab Signature/Initials	ALSP

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	11/03/25
Receiving ID#	J11032521
Manifest #	Line
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	0734
Time out	
Received by	<i>J. Al</i>
Sampled by	Justin Calogedou

LAB INFORMATION	
Compatible? (RT# )	
PCBs (ppm) (Oily Waste Only)?	
TOC ppm (CC Waste Only)?	
Flash Point (F)	2140
pH (S.U.)	0.46
Cyanides? (mg/L)	
Sulfides? (ppm)?	
Specific Gravity	1.10
Physical Description	
Stream Consistency	Yes No
Oil in Sample?	Yes No
Temperature (F)	66.0
Conductivity	245.0 μS
% Solids	18.35
Turbidity	Yes No
Color	
TSS (%)	<0.1
Radiation Screen (as needed)	
Lab Signature/Initials	<i>J. Al</i>



Sustainability in Action

UIC Permit Condition Part II Section D (1)(f)

In conformance to Part II Section D (1)(f) of Permits MI-163-1W-C010 and MI-163-1W-C011, Republic Industrial Energy Services, LLC is reporting the following. Operator training was conducted on December 11, 2025, and will continue to be part of the annual training.

Characteristic		
Date	Receiving ID	Specific Gravity
11/3/25	I11032501	1.16
11/3/25	I11032502	1.14
11/3/25	I11032503	1.15
11/4/25	I11042501	1.17
11/4/25	I11042505	1.12
11/5/25	I11052501	1.11
11/5/25	I11052504	1.13
11/5/25	I11052505	1.12
11/6/25	I11062502	1.16
11/6/25	I11062503	1.19
11/7/25	I11072501	1.19
11/7/25	I11072502	1.18
11/10/25	I11102501	1.14
11/10/25	I11102502	1.13
11/11/25	I11112502	1.16
11/11/25	I11112503	1.13
11/11/25	I11112504	1.15
11/12/25	I11122501	1.14
11/12/25	I11122502	1.13
11/13/25	I11132503	1.12
11/17/25	I11172501	1.11
11/17/25	I11172502	1.13
11/18/25	I11182503	1.13
11/18/25	I11182504	1.19
11/18/25	I11182505	1.18
11/19/25	I11192501	1.15
11/19/25	I11192502	1.13
11/19/25	I11192503	1.14
11/19/25	I11192504	1.16
11/20/25	I11202501	1.19
11/20/25	I11202502	1.16
11/20/25	I11202503	1.14
11/20/25	I11202504	1.13



Sustainability in Action

Characteristic		
Date	Receiving ID	Specific Gravity
11/21/25	I11212503	1.13
11/24/25	I11242502	1.15
11/24/25	I11242503	1.2
11/25/25	I11252502	1.18
11/26/25	I11262501	1.21
11/26/25	I11262502	1.21
11/26/25	I11262503	1.16
11/26/25	I11262504	1.14



Sustainability in Action

UIC Permit Condition Part II.D.1. (a):

Waste Profiles

---

# Deep Well Profile



Disposal Facility: 6440 - DETROIT INDUSTRIAL WELL

Waste Profile #:

Sales Rep #:

## I. Generator Information

Generator Name:

Remote Controls Inc

Address:

512 S Merrifield

City: Mishawaka

County:

St Joseph

State: IN

Zip: 46544

State ID/Reg No:

9180019999

EPA ID#:

IND005226949

NAICS #:

332813

Generator Mailing Address

(if different)

City:

County:

State:

Zip:

Generator Contact Name:

Lyndon Tshetter

Email:

ltschetter@rci-products.com

Phone Number:

574-259-5491

Ext:

Fax Number:

## II. Billing Information

Bill To:

same as generator

Contact Name:

Billing Address:

Email:

City:

State:

Zip:

Phone:

## III. Waste Stream Information

Name of Waste:

Chromic Acid Anodizing Solution (MIL-PRF-8625, Type I)

Process  
Generating  
Waste:

Chromic Acid Anodizing for military and aerospace applications as per MIL-PRF-8625 I coating.

Is Waste from a TSDF Like  
Consolidation Process??

Yes

No

Waste  
Type:

Hazardous

Container  
Type:

Bulk Tanker

Volume Per  
Container:

2000

Shipment  
Volume:

2000

Volume  
Units:

Gallons

Shipment  
Frequency:

Quarterly

Annual  
Volume:

8000

## IV. Federal and State Regulatory Information

Is this waste Benzene NESHAP regulated by 40 CFR 61.342?

Yes

No

Is this waste from State or Federal Superfund Subject to CERCLA?

Yes

No

State Waste Codes:

<input type="text"/>									
----------------------	----------------------	----------------------	----------------------	----------------------	----------------------	----------------------	----------------------	----------------------	----------------------

RCRA Waste Codes:

D002	D007	D010	<input type="text"/>						
------	------	------	----------------------	----------------------	----------------------	----------------------	----------------------	----------------------	----------------------

Remember to attach Laboratory Analytical Report (and/or Material Safety Data Sheet) including Chain of Custody and required parameters provided for this profile

# Deep Well Profile



## V. Shipping / Packaging Information

DOT Hazardous Material / Waste?  Yes  No UN / NA#  Packaging Group:  Hazardous Class(es):

DOT Proper Shipping Name:

NOS Hazardous Constituents:

ERG#:  RQ:  Yes  No RQ Basis:  RQ Value in lbs:

Marine Pollutant as defined by 49 CFR 171.8  Yes  No If Yes, describe:  24 Hour Emergency Contact Number:

## VI. Physical Characteristics

Primary Color:  % Suspended Solids:  Layers:  Specific Gravity:  Or Actual

Odor:  Odor (describe):  pH:  Dry Weight Ton Per Gallon:

Flash Point:  Flash Point Test Method:  Total Alkalinity (mg/L):  VOC Concentration (ppm):  Ammonia / Ammonia Compounds  Yes  No

## VII. Chemical Composition

Chemical Composition (Must add up to 100%) All compounds of  $\geq 1\%$  concentration must be listed.

Constituent (no trade names)	Min	Max	% or ppm	Constituent (no trade names)	Min	Max	% or ppm
water	90	99	%				ppm
sulfuric acid	.4	1.5	%				ppm
chromic acid	5	9	%				ppm
			ppm				ppm
			ppm				ppm

Waste Composition is determined by:  Analysis  Safety Data Sheet (SDS)  Process Knowledge

Have you taken a sample?  Yes  No

Is the representative sample collected in accordance with US EPA 40 CFR 261.20 (c) or equivalent?  Yes  No

Sample Type:  Sample ID #:  Sample Date (mm/dd/yy):

List additional sample ID#(s) and dates and/or list the product name of each SDS submitted:

**Remember to attach Laboratory Analytical Report (and/or Material Safety Data Sheet) including Chain of Custody and required parameters provided for this profile**

# Deep Well Profile



## VIII. Chemical Properties

### RCRA Items:

Arsenic	<input checked="" type="checkbox"/>	None	PPM
Barium	<input checked="" type="checkbox"/>	None	PPM
Cadmium	<input checked="" type="checkbox"/>	None	PPM
Chromium	<input type="checkbox"/>	None	9060 PPM
Lead	<input checked="" type="checkbox"/>	None	PPM
Mercury	<input checked="" type="checkbox"/>	None	PPM
Selenium	<input type="checkbox"/>	None	PPM
Silver	<input checked="" type="checkbox"/>	None	PPM

### State Regulated:

TPH (TX & CA)	<input checked="" type="checkbox"/>	None	PPM
Antimony (TX & CA)	<input checked="" type="checkbox"/>	None	PPM
Beryllium (TX & CA)	<input checked="" type="checkbox"/>	None	PPM
Nickel (TX & CA)	<input checked="" type="checkbox"/>	None	PPM
Chromium VI (CA)	<input checked="" type="checkbox"/>	None	PPM
Cobalt (CA)	<input checked="" type="checkbox"/>	None	PPM
Copper (CA)	<input checked="" type="checkbox"/>	None	PPM
Molybdenum (CA)	<input checked="" type="checkbox"/>	None	PPM
Thallium (CA)	<input checked="" type="checkbox"/>	None	PPM
Vanadium (CA)	<input checked="" type="checkbox"/>	None	PPM
Zinc (CA)	<input checked="" type="checkbox"/>	None	PPM

### Operational:

Bromide	<input checked="" type="checkbox"/>	None	PPM
Calcium	<input checked="" type="checkbox"/>	None	PPM
Chloride	<input checked="" type="checkbox"/>	None	PPM
Fluoride (CA)	<input checked="" type="checkbox"/>	None	PPM
Iodine	<input checked="" type="checkbox"/>	None	PPM
Iron	<input checked="" type="checkbox"/>	None	PPM
Magnesium	<input checked="" type="checkbox"/>	None	PPM
Potassium	<input checked="" type="checkbox"/>	None	PPM
Sodium	<input checked="" type="checkbox"/>	None	PPM
Sulfur	<input checked="" type="checkbox"/>	None	PPM

## IX. Chemical Properties Certification (Each item must be answered)

PCB's <small>(per 40 CFR 761)</small>	<input checked="" type="checkbox"/>	None	PPM	Pathogens	<input checked="" type="checkbox"/>	No	Yes. If Yes, please explain:	<input type="text"/>
Benzene	<input checked="" type="checkbox"/>	None	PPM	Pesticides	<input checked="" type="checkbox"/>	No	Yes. If Yes, please explain:	<input type="text"/>
Dioxins	<input checked="" type="checkbox"/>	None	PPM	Polymerizes	<input checked="" type="checkbox"/>	No	Yes. If Yes, please explain:	<input type="text"/>
Sulfides	<input checked="" type="checkbox"/>	None	PPM	Radioactives	<input checked="" type="checkbox"/>	No	Yes. If Yes, please explain:	<input type="text"/>
Cyanides	<input checked="" type="checkbox"/>	None	PPM	Water Reactives	<input checked="" type="checkbox"/>	No	Yes. If Yes, please explain:	<input type="text"/>
Oxidizer	<input checked="" type="checkbox"/>	None	PPM	Other Reactives	<input checked="" type="checkbox"/>	No	Yes. If Yes, please explain:	<input type="text"/>
Pentachlorophenol	<input checked="" type="checkbox"/>	No					Yes. If Yes, please explain:	<input type="text"/>
OSHA Carcinogen	<input checked="" type="checkbox"/>	No					Yes. If Yes, please explain:	<input type="text"/>

## X. Certification

**I hereby certify that to the best of my knowledge and belief, the information contained herein is a true, complete and accurate description of the waste material being offered for disposal and all known or suspected hazards have been disclosed. To the best of my knowledge, all Analytical Results/Material Safety Data Sheets submitted are truthful and complete and are representative of the waste. In addition, I certify that all known or suspected hazards involved in handling, transporting, storing, treating or processing, and disposing of the waste material that is the subject of this profile have been disclosed and that no deliberate or willful omissions or misrepresentations as to the composition and properties of the waste have been made. I shall immediately give written notice of any change or condition pertaining to the waste not provided herein. Our company hereby agrees to fully indemnify and hold harmless the disposal facility for any damages or losses resulting from this certification being inaccurate or untrue and for any damages or losses resulting from offering for disposal a waste material that does not conform to this waste profile and certification.**

Lyndon Tschetter

Authorized Representative Name  
(Printed)

VP Operations

Title  
(Printed)

Remote Controls, Inc.

Company Name

Representative Signature

10-17-2025

Date

# Deep Well Profile



Disposal Facility: 6440 – DETROIT INDUSTRIAL WELL

Waste Profile #: 1197828

Sales Rep #:

## I. Generator Information

Generator Name:

K.C. Jones

Address:

321 West 10 Mile Road

City: Hazel Park

County:

State: MI

Zip: 48030

State ID/Reg No:

EPA ID #:

MID005511852

NAICS #:

Generator Mailing Address



(if different)

City:

County:

State:

Zip:

Generator Contact Name:

Joseph Gisler

Email:

joseph.gisler@kcjplating.com

Phone Number:

Ext:

Fax Number:

## II. Billing Information

Bill To:

Environmental and Disposal Management

Contact Name:

Lamar Gabbara

Billing Address:

1900 Stephenson Hwy, Suite 100

Email:

lgabbara@disposalmgmt.com

City:

Troy

State:

MI

Zip:

48083

Phone:

248-244-2211

## III. Waste Stream Information

Name of Waste:

Alkaline Cleaner Waste

Process  
Generating  
Waste:

Alkaline cleaner baths are used as a pretreatment step for parts before they are coated, cleaning the part of any forging/casting/stamping debris while also prepping the coating surface. Baths are routinely decanted or completely changed out to ensure good activation in bath. Decants and / or old baths represent the waste stream.

Is Waste from a TSDF Like  
Consolidation Process??



Waste  
Type:

Hazardous



Container  
Type:

Bulk Tanker



Volume Per  
Container:

Shipment  
Volume:

5-6K/GAL

Volume  
Units:

Gallons



Shipment  
Frequency:

Quarterly



Annual  
Volume:

30000

## IV. Federal and State Regulatory Information

Is this waste Benzene NESHAP regulated by 40 CFR 61.342?



Is this waste from State or Federal Superfund Subject to CERCLA?



State Waste Codes:

RCRA Waste Codes:

D002

D007

Remember to attach Laboratory Analytical Report (and/or Material Safety Data Sheet) including Chain of Custody and required parameters provided for this profile

# Deep Well Profile



## V. Shipping / Packaging Information

DOT Hazardous Material / Waste?  Yes  No UN / NA#  Packaging Group:  Hazardous Class(es):

DOT Proper Shipping Name:

NOS Hazardous Constituents:

ERG#:  RQ:  Yes  No RQ Basis:  RQ Value in lbs:

Marine Pollutant as defined by 49 CFR 171.8  Yes  No If Yes, describe:

24 Hour Emergency Contact Number:

## VI. Physical Characteristics

Primary Color:  % Suspended Solids:  Layers:  Specific Gravity:  Or Actual

Odor:  Odor (describe):  pH:  Dry Weight Ton Per Gallon:

Flash Point:  Flash Point Test Method:  Total Alkalinity (mg/L):  VOC Concentration (ppm):  Ammonia / Ammonia Compounds  Yes  No

## VII. Chemical Composition

Chemical Composition (Must add up to 100%) All compounds of  $\geq 1\%$  concentration must be listed.

Constituent (no trade names)	Min	Max	% or ppm	Constituent (no trade names)	Min	Max	% or ppm
Tetrasodium Ethylened Lamlneteracatate	<input type="text" value="3"/>	<input type="text" value="3"/>	<input style="width: 20px;" type="text" value="%"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input style="width: 20px;" type="text" value="%"/>
Potassium Hydroxide	<input type="text" value="25"/>	<input type="text" value="25"/>	<input style="width: 20px;" type="text" value="%"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input style="width: 20px;" type="text" value="%"/>
Sodium Hydroxide	<input type="text" value="0"/>	<input type="text" value="5"/>	<input style="width: 20px;" type="text" value="%"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input style="width: 20px;" type="text" value="%"/>
Water	<input type="text" value="67"/>	<input type="text" value="72"/>	<input style="width: 20px;" type="text" value="%"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input style="width: 20px;" type="text" value="%"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input style="width: 20px;" type="text" value="ppm"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input style="width: 20px;" type="text" value="ppm"/>

Waste Composition is determined by:  Analysis  Safety Data Sheet (SDS)  Process Knowledge

Have you taken a sample?  Yes  No

Is the representative sample collected in accordance with US EPA 40 CFR 261.20 (c) or equivalent?  Yes  No

Sample Type:  Sample ID #:  Sample Date (mm/dd/yy):

List additional sample ID#(s) and dates and/or list the product name of each SDS submitted:

**Remember to attach Laboratory Analytical Report (and/or Material Safety Data Sheet) including Chain of Custody and required parameters provided for this profile**

# Deep Well Profile



## VIII. Chemical Properties

### RCRA Items:

Arsenic  None  PPM  
 Barium  None  PPM  
 Cadmium  None  PPM  
 Chromium  None  PPM  
 Lead  None  PPM  
 Mercury  None  PPM  
 Selenium  None  PPM  
 Silver  None  PPM

### State Regulated:

TPH (TX & CA)  None  PPM  
 Antimony (TX & CA)  None  PPM  
 Beryllium (TX & CA)  None  PPM  
 Nickel (TX & CA)  None  PPM  
 Chromium VI (CA)  None  PPM  
 Cobalt (CA)  None  PPM  
 Copper (CA)  None  PPM  
 Molybdenum (CA)  None  PPM  
 Thallium (CA)  None  PPM  
 Vanadium (CA)  None  PPM  
 Zinc (CA)  None  PPM

### Operational:

Bromide  None  PPM  
 Calcium  None  PPM  
 Chloride  None  PPM  
 Fluoride (CA)  None  PPM  
 Iodine  None  PPM  
 Iron  None  PPM  
 Magnesium  None  PPM  
 Potassium  None  PPM  
 Sodium  None  PPM  
 Sulfur  None  PPM

## IX. Chemical Properties Certification (Each item must be answered)

PCB's (per 40 CFR 761)  None  PPM  
 Benzene  None  PPM  
 Dioxins  None  PPM  
 Sulfides  None  PPM  
 Cyanides  None  PPM  
 Oxidizer  None  PPM  
 Pentachlorophenol  No  Yes. If Yes, please explain:  
 OSHA Carcinogen  No  Yes. If Yes, please explain:

Pathogens  No  Yes. If Yes, please explain:

Pesticides  No  Yes. If Yes, please explain:

Polymerizes  No  Yes. If Yes, please explain:

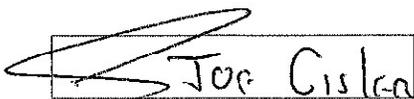
Radioactives  No  Yes. If Yes, please explain:

Water Reactives  No  Yes. If Yes, please explain:

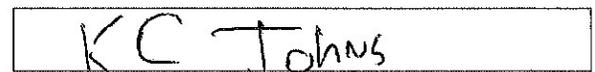
Other Reactives  No  Yes. If Yes, please explain:

## X. Certification

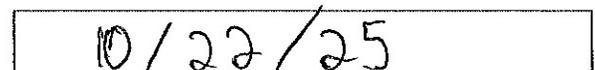
*I hereby certify that to the best of my knowledge and belief, the information contained herein is a true, complete and accurate description of the waste material being offered for disposal and all known or suspected hazards have been disclosed. To the best of my knowledge, all Analytical Results/Material Safety Data Sheets submitted are truthful and complete and are representative of the waste. In addition, I certify that all known or suspected hazards involved in handling, transporting, storing, treating or processing, and disposing of the waste material that is the subject of this profile have been disclosed and that no deliberate or willful omissions or misrepresentations as to the composition and properties of the waste have been made. I shall immediately give written notice of any change or condition pertaining to the waste not provided herein. Our company hereby agrees to fully indemnify and hold harmless the disposal facility for any damages or losses resulting from this certification being inaccurate or untrue and for any damages or losses resulting from offering for disposal a waste material that does not conform to this waste profile and certification.*

  
 Authorized Representative Name  
 (Printed)

  
 Title  
 (Printed)

  
 Company Name

  
 Representative Signature

  
 Date



Sustainability in Action

UIC Permit Condition Part II.D.1. (i):

F039 Results

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 **ANALYTICAL REPORT****PREPARED FOR**

Attn: Kristina Revels  
Republic Industrial and Energy Solutions  
28470 Citrin Dr  
Romulus, Michigan 48174

Generated 12/22/2025 1:07:20 PM

**JOB DESCRIPTION**

Republic Industrial & Energy Solutions - F039

**JOB NUMBER**

190-38604-1

# Eurofins Michigan

## 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.

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## Authorization



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Authorized for release by  
Jessica Morosko, Project Manager I  
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(330)966-1378



# Table of Contents

Cover Page . . . . .	1
Table of Contents . . . . .	3
Sample Summary . . . . .	4
Case Narrative . . . . .	5
Client Sample Results . . . . .	7
QC Sample Results . . . . .	8
Definitions/Glossary . . . . .	11
Chain of Custody . . . . .	12
Isotope Dilution Summary . . . . .	17

# Sample Summary

Client: Republic Industrial and Energy Solutions  
Project/Site: Republic Industrial & Energy Solutions - F039

Job ID: 190-38604-1

---

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
190-38604-1	F039 Dec 2025 Composite	Water	12/01/25 00:00	12/02/25 12:23	Michigan

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# Case Narrative

Client: Republic Industrial and Energy Solutions  
Project: Republic Industrial & Energy Solutions - F039

Job ID: 190-38604-1

**Job ID: 190-38604-1**

**Eurofins Michigan**

## Job Narrative 190-38604-1

The analytical test results presented in this report meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page, unless otherwise noted. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable. Regulated compliance samples (e.g. SDWA, NPDES) must comply with associated agency requirements/permits.

- Matrix-specific batch QC (e.g., MS, MSD, SD) may not be reported when insufficient sample volume is available or when site-specific QC samples are not submitted. In such cases, a Laboratory Control Sample Duplicate (LCSD) may be analyzed to provide precision data for the batch.
- For samples analyzed using surrogate and/or isotope dilution analytes, any recoveries falling outside of established acceptance criteria are re-prepared and/or re-analyzed to confirm results, unless the deviation is due to sample dilution or otherwise explained in the case narrative.

### Receipt

The sample was received on 12/2/2025 12:23 PM. Unless otherwise noted below, the sample arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 2.0°C.

### GC/MS Semi VOA

Method 8270E: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with preparation batch 240-682944.

Method 8270E: The following sample was diluted due to the nature of the sample matrix: F039 Dec 2025 Composite (190-38604-1). Elevated reporting limits (RLs) are provided.

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

### Pesticides

Method 8081B: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with preparation batch 240-682970.

Method 8081B: The following samples required a tetrabutylammonium sulfite (TBA) clean-up to reduce matrix interferences caused by sulfur: F039 Dec 2025 Composite (190-38604-1), (LCS 240-682970/16-A) and (MB 240-682970/15-A).

Method 8081B: The following sample was diluted due to the nature of the sample matrix: F039 Dec 2025 Composite (190-38604-1). As such, surrogate recoveries may be below the calibration range, and elevated reporting limits (RLs) are provided.

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

### Dioxin

Method 8290A: Due to the matrix, the initial volume used for the following sample deviated from the standard procedure: F039 Dec 2025 Composite (190-38604-1). The reporting limits (RLs) have been adjusted proportionately. The sample was weighed out at 200mL instead of 1000mL. preparation batch 320-891043 Matrix: Water Method: 8290\_P\_Sep/8290A

Method 8290A: The Isotope Dilution Analyte (IDA) recovery associated with the following samples is below the method recommended limit: (LCS 320-891043/2-A), (LCSD 320-891043/3-A) and (MB 320-891043/1-A). Generally, data quality is not considered affected if the IDA signal-to-noise ratio is greater than 10:1, which is achieved for all IDA in the sample(s).

Method 8290A: The laboratory control sample (LCS) and laboratory control sample duplicate (LCSD) for preparation batch 320-891043 and analytical batch 320-892071 recovered outside control limits for the following analytes: 1,2,3,4,6,7,8,9-Octachlorodibenzofuran and 1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin. These analytes were biased high in the LCS and were not detected in the associated samples; therefore, the data have been reported.

Method 8290A: Ion abundance ratios are outside criteria for the Isotope Dilution Analyte (IDA) 13C-2,3,7,8-TCDD associated with the following continuing calibration verification sample: (CCV 320-892198/1). The theoretical area for the IDA was used to quantitate recovery and target concentration. The IDA recovery and target analyte recovery were within limits in the CCV. There is minimal impact on the data quality due to this anomaly.

Eurofins Michigan

## Case Narrative

Client: Republic Industrial and Energy Solutions  
Project: Republic Industrial & Energy Solutions - F039

Job ID: 190-38604-1

### Job ID: 190-38604-1 (Continued)

**Eurofins Michigan**

Method 8290A: The Isotope Dilution Analyte (IDA) recovery associated with the following sample is below the method recommended limit: F039 Dec 2025 Composite (190-38604-1). IDA recoveries below 10% have been confirmed by re-extraction and reanalysis. Generally, data quality is not considered affected if the IDA signal-to-noise ratio is greater than 10:1, which is achieved for all IDA in the sample(s).

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

Eurofins Michigan

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# Client Sample Results

Client: Republic Industrial and Energy Solutions  
 Project/Site: Republic Industrial & Energy Solutions - F039

Job ID: 190-38604-1

**Client Sample ID: F039 Dec 2025 Composite**

**Lab Sample ID: 190-38604-1**

Date Collected: 12/01/25 00:00

Matrix: Water

Date Received: 12/02/25 12:23

**Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrosodimethylamine	<47		47	ug/L		12/04/25 09:09	12/05/25 18:18	50
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Terphenyl-d14 (Surr)	110		43 - 136			12/04/25 09:09	12/05/25 18:18	50
Phenol-d5 (Surr)	61		10 - 120			12/04/25 09:09	12/05/25 18:18	50
Nitrobenzene-d5 (Surr)	86		40 - 120			12/04/25 09:09	12/05/25 18:18	50
2-Fluorophenol (Surr)	86		10 - 127			12/04/25 09:09	12/05/25 18:18	50
2-Fluorobiphenyl (Surr)	98		41 - 120			12/04/25 09:09	12/05/25 18:18	50
2,4,6-Tribromophenol (Surr)	172	S1+	23 - 127			12/04/25 09:09	12/05/25 18:18	50

**Method: SW846 8081B - Organochlorine Pesticides (GC)**

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Aldrin	<0.53		0.53	ug/L		12/04/25 10:05	12/05/25 18:55	10
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	0.5	p S1-	10 - 137			12/04/25 10:05	12/05/25 18:55	10
Tetrachloro-m-xylene	56		10 - 120			12/04/25 10:05	12/05/25 18:55	10

**Method: SW846 8290A - Dioxins and Furans (HRGC/HRMS)**

Analyte	Result	Qualifier	RL	EDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	<250		250		pg/L		12/09/25 07:52	12/14/25 11:41	1
1,2,3,4,7,8-HxCDD	<250		250		pg/L		12/09/25 07:52	12/14/25 11:41	1
1,2,3,6,7,8-HxCDD	<250		250		pg/L		12/09/25 07:52	12/14/25 11:41	1
1,2,3,4,6,7,8,9-Octachlorodibenzofuran	<500	*+	500		pg/L		12/09/25 07:52	12/14/25 11:41	1
1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin	<500	*+	500		pg/L		12/09/25 07:52	12/14/25 11:41	1
2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD)	<50		50		pg/L		12/09/25 07:52	12/14/25 11:41	1
Isotope Dilution	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
13C-1,2,3,4,7,8-HxCDD	5	*5-	40 - 135				12/09/25 07:52	12/14/25 11:41	1
13C-1,2,3,6,7,8-HxCDD	5	*5-	40 - 135				12/09/25 07:52	12/14/25 11:41	1
13C-OCDD	3	*5-	40 - 135				12/09/25 07:52	12/14/25 11:41	1
13C-OCDF	3	*5-	40 - 135				12/09/25 07:52	12/14/25 11:41	1
13C-2,3,7,8-TCDD	14	*5-	40 - 135				12/09/25 07:52	12/14/25 11:41	1

# QC Sample Results

Client: Republic Industrial and Energy Solutions  
 Project/Site: Republic Industrial & Energy Solutions - F039

Job ID: 190-38604-1

## Method: 8270E - Semivolatile Organic Compounds (GC/MS)

**Lab Sample ID: MB 240-682944/1-A**  
**Matrix: Water**  
**Analysis Batch: 683085**

**Client Sample ID: Method Blank**  
**Prep Type: Total/NA**  
**Prep Batch: 682944**

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrosodimethylamine	<1.0		1.0	ug/L		12/04/25 09:09	12/05/25 12:38	1
Surrogate	MB %Recovery	MB Qualifier	Limits			Prepared	Analyzed	Dil Fac
Terphenyl-d14 (Surr)	86		43 - 136			12/04/25 09:09	12/05/25 12:38	1
Phenol-d5 (Surr)	57		10 - 120			12/04/25 09:09	12/05/25 12:38	1
Nitrobenzene-d5 (Surr)	67		40 - 120			12/04/25 09:09	12/05/25 12:38	1
2-Fluorophenol (Surr)	81		10 - 127			12/04/25 09:09	12/05/25 12:38	1
2-Fluorobiphenyl (Surr)	72		41 - 120			12/04/25 09:09	12/05/25 12:38	1
2,4,6-Tribromophenol (Surr)	67		23 - 127			12/04/25 09:09	12/05/25 12:38	1

**Lab Sample ID: LCS 240-682944/2-A**  
**Matrix: Water**  
**Analysis Batch: 683085**

**Client Sample ID: Lab Control Sample**  
**Prep Type: Total/NA**  
**Prep Batch: 682944**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Nitrosodimethylamine	32.0	14.6		ug/L		46	10 - 120
Surrogate	LCS %Recovery	LCS Qualifier	Limits				
Terphenyl-d14 (Surr)	67		43 - 136				
Phenol-d5 (Surr)	60		10 - 120				
Nitrobenzene-d5 (Surr)	62		40 - 120				
2-Fluorophenol (Surr)	107		10 - 127				
2-Fluorobiphenyl (Surr)	64		41 - 120				
2,4,6-Tribromophenol (Surr)	67		23 - 127				

## Method: 8081B - Organochlorine Pesticides (GC)

**Lab Sample ID: MB 240-682970/15-A**  
**Matrix: Water**  
**Analysis Batch: 683148**

**Client Sample ID: Method Blank**  
**Prep Type: Total/NA**  
**Prep Batch: 682970**

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Aldrin	<0.050		0.050	ug/L		12/04/25 10:06	12/05/25 18:18	1
Surrogate	MB %Recovery	MB Qualifier	Limits			Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	58		10 - 137			12/04/25 10:06	12/05/25 18:18	1
Tetrachloro-m-xylene	62		10 - 120			12/04/25 10:06	12/05/25 18:18	1

**Lab Sample ID: LCS 240-682970/16-A**  
**Matrix: Water**  
**Analysis Batch: 683148**

**Client Sample ID: Lab Control Sample**  
**Prep Type: Total/NA**  
**Prep Batch: 682970**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Aldrin	1.00	0.858		ug/L		86	23 - 139
Surrogate	LCS %Recovery	LCS Qualifier	Limits				
DCB Decachlorobiphenyl	66		10 - 137				

Eurofins Michigan

# QC Sample Results

Client: Republic Industrial and Energy Solutions  
 Project/Site: Republic Industrial & Energy Solutions - F039

Job ID: 190-38604-1

## Method: 8081B - Organochlorine Pesticides (GC) (Continued)

**Lab Sample ID: LCS 240-682970/16-A**  
**Matrix: Water**  
**Analysis Batch: 683148**

**Client Sample ID: Lab Control Sample**  
**Prep Type: Total/NA**  
**Prep Batch: 682970**

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Tetrachloro-m-xylene	61		10 - 120

## Method: 8290A - Dioxins and Furans (HRGC/HRMS)

**Lab Sample ID: MB 320-891043/1-A**  
**Matrix: Water**  
**Analysis Batch: 892198**

**Client Sample ID: Method Blank**  
**Prep Type: Total/NA**  
**Prep Batch: 891043**

Analyte	MB Result	MB Qualifier	RL	EDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	<50		50		pg/L		12/09/25 07:52	12/14/25 16:36	1
1,2,3,4,7,8-HxCDD	<50		50		pg/L		12/09/25 07:52	12/14/25 16:36	1
1,2,3,6,7,8-HxCDD	<50		50		pg/L		12/09/25 07:52	12/14/25 16:36	1
1,2,3,4,6,7,8,9-Octachlorodibenzofuran	<100		100		pg/L		12/09/25 07:52	12/14/25 16:36	1
1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin	<100		100		pg/L		12/09/25 07:52	12/14/25 16:36	1
2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD)	<10		10		pg/L		12/09/25 07:52	12/14/25 16:36	1

Isotope Dilution	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C-1,2,3,4,7,8-HxCDD	64		40 - 135	12/09/25 07:52	12/14/25 16:36	1
13C-1,2,3,6,7,8-HxCDD	63		40 - 135	12/09/25 07:52	12/14/25 16:36	1
13C-OCDD	33	*5-	40 - 135	12/09/25 07:52	12/14/25 16:36	1
13C-OCDF	36	*5-	40 - 135	12/09/25 07:52	12/14/25 16:36	1
13C-2,3,7,8-TCDD	72		40 - 135	12/09/25 07:52	12/14/25 16:36	1

**Lab Sample ID: LCS 320-891043/2-A**  
**Matrix: Water**  
**Analysis Batch: 892198**

**Client Sample ID: Lab Control Sample**  
**Prep Type: Total/NA**  
**Prep Batch: 891043**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	1000	954		pg/L		95	59 - 148
1,2,3,4,7,8-HxCDD	1000	865		pg/L		87	64 - 131
1,2,3,6,7,8-HxCDD	1000	935		pg/L		93	66 - 148
1,2,3,4,6,7,8,9-Octachlorodibenzofuran	2000	2730	*+	pg/L		136	68 - 134
1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin	2000	3790	*+	pg/L		190	64 - 142
2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD)	200	166		pg/L		83	66 - 146

Isotope Dilution	LCS %Recovery	LCS Qualifier	Limits
13C-1,2,3,4,7,8-HxCDD	57		40 - 135
13C-1,2,3,6,7,8-HxCDD	48		40 - 135
13C-OCDD	20	*5-	40 - 135
13C-OCDF	26	*5-	40 - 135
13C-2,3,7,8-TCDD	67		40 - 135

# QC Sample Results

Client: Republic Industrial and Energy Solutions  
 Project/Site: Republic Industrial & Energy Solutions - F039

Job ID: 190-38604-1

## Method: 8290A - Dioxins and Furans (HRGC/HRMS) (Continued)

**Lab Sample ID: LCSD 320-891043/3-A**

**Matrix: Water**

**Analysis Batch: 892198**

**Client Sample ID: Lab Control Sample Dup**

**Prep Type: Total/NA**

**Prep Batch: 891043**

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	1000	1010		pg/L		101	59 - 148	6	20
1,2,3,4,7,8-HxCDD	1000	950		pg/L		95	64 - 131	9	20
1,2,3,6,7,8-HxCDD	1000	972		pg/L		97	66 - 148	4	20
1,2,3,4,6,7,8,9-Octachlorodibenzofuran	2000	2760	*+	pg/L		138	68 - 134	1	20
1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin	2000	3920	*+	pg/L		196	64 - 142	3	20
2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD)	200	167		pg/L		83	66 - 146	1	20

Isotope Dilution	LCSD %Recovery	LCSD Qualifier	Limits
13C-1,2,3,4,7,8-HxCDD	53		40 - 135
13C-1,2,3,6,7,8-HxCDD	48		40 - 135
13C-OCDD	21	*5-	40 - 135
13C-OCDF	26	*5-	40 - 135
13C-2,3,7,8-TCDD	66		40 - 135

# Definitions/Glossary

Client: Republic Industrial and Energy Solutions  
 Project/Site: Republic Industrial & Energy Solutions - F039

Job ID: 190-38604-1

## Qualifiers

### GC/MS Semi VOA

Qualifier	Qualifier Description
S1+	Surrogate recovery exceeds control limits, high biased.

### GC Semi VOA

Qualifier	Qualifier Description
p	The %RPD between the primary and confirmation column/detector is >40%. The lower value has been reported.
S1-	Surrogate recovery exceeds control limits, low biased.

### Dioxin

Qualifier	Qualifier Description
*+	LCS and/or LCSD is outside acceptance limits, high biased.
*5-	Isotope dilution analyte is outside acceptance limits, low biased.

## 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





Environment Testing  
TestAmerica

SDS or Known Hazard Information Supplied by Client

Discrepancies

Short Hold

Rush  24 Hr  2-Day  3-Day  5-Day  Other: \_\_\_\_\_

Client ID: REIS

Work Order #: 38604

Receipt Evaluation Performed by: Initials: AL Date: 12/2 Time: 12:23

### Cooler / Sample Receipt

After hours receipt: complete gray areas. Place cooler in walk-in, place form in Receiving box. Date: \_\_\_\_\_ Time: \_\_\_\_\_

### Method of Shipment:

Walk-In Client Eurofins TA Field/Courier

Other Client / 3<sup>rd</sup> Party Courier: \_\_\_\_\_

Fed Ex Tracking #: \_\_\_\_\_

UPS Tracking #: \_\_\_\_\_

Other: \_\_\_\_\_

### Shipping Container Type:

Cooler  Box

None  Other: \_\_\_\_\_

### Packing Materials:

Plastic Bags  Foam

Bubble Wrap  Paper

Packing Peanuts  None

Other: \_\_\_\_\_

### Custody Seals intact:

Yes  No

NA (not used or required)

### Cooling Materials:

Ice (Solid)  Ice (Melted)

Blue Ice  None

Other: \_\_\_\_\_

Bacteriological Samples	Temp Corrected (°C)		Frozen?		Rec'd Within 2 Hrs?		Sample Flagged?	
	Yes	No	Yes	No	Yes	No	Yes	No

Received on same day sampled? Yes  No

Additional Sheets Required? Yes  No

### Receipt Temperatures

Thermometer ID	Observed (°C)	Corrected (°C)	Temp Blank	Sample Temp	Acceptable	Cooler ID	Affected Samples
CP313207	2.0	2.0			Y N		
					Y N		
					Y N		

Receipt Questions**	Y	N	NA	"No" answers require additional comment
CoC present and ETA receipt signature, date, and time properly documented?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	No Sample time on CoC/bottles
Containers and Labels in good condition? (unbroken, not leaking, appropriately filled, labels legible & attached)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Appropriate containers used and adequate volume provided?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Preserved bottles checked for pH? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
Number of sample containers match CoC?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	pH strip lot # _____
Samples received within hold?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Samples submitted for GRO and Volatiles analysis (8260, 624, 524) received without headspace?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Was a Trip Blank received with VOA samples?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Were the samples free of any questionable physical conformities? (i.e.; field duplicates or multiple bottles of the same sample do not significantly vary in appearance - color, solid proportions, etc.)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Were the CoC bottle labels and all other items free of all other discrepancies or issues that would need to be addressed with the Project Manager and/or Client?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
**May not be applicable if samples are not for compliance testing				*Excludes FOG, VOAs, TOC Vials, HEM

### Client Contact Record

Contact Via:  Phone  Email  Other: \_\_\_\_\_ Person Contacted: \_\_\_\_\_ Date/Time: \_\_\_\_\_

Discrepancy allowance agreement is on record in the client project file

### Discussion / Resolution

Any additional documentation and clarification from the client must be noted in the narrative and/or scanned into the CoC directory.

Reviewed by [Signature] Date: 12/2/25

WI-MI-010\_020720

**Eurofins Michigan**

38855 Hills Tech Dr. Suite 600  
Farmington Hills, MI 48331  
Phone: 810-229-2763 Fax: 810-229-0000

2.7  
2.8

**Chain of Custody Record**



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<b>Client Information (Sub Contract Lab)</b>					Sampler: N/A		Lab PM: Schafer, Sue			Carrier Tracking No(s): N/A			COC No: 190-43943.1																																												
Client Contact: Shipping/Receiving					Phone: N/A		E-Mail: Sue.Schafer@et.eurofinsus.com			State of Origin: Michigan			Page: Page 1 of 1																																												
Company: Eurofins Environment Testing North Centr					Accreditations Required (See note): N/A		<table border="1"> <tr> <th colspan="10">Analysis Requested</th> </tr> <tr> <td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td> </tr> <tr> <td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td> </tr> <tr> <td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td> </tr> </table>			Analysis Requested																																											Job #: 190-38604-1			Preservation Codes:	
Analysis Requested																																																									
Address: 180 S. Van Buren Avenue,					Due Date Requested: 12/15/2025																																																				
City: Barberton					TAT Requested (days): N/A																																																				
State, Zip: OH, 44203																																																									
Phone: 330-497-9396(Tel) 330-497-0772(Fax)					PO #: N/A																																																				
Email: N/A					WO #: N/A																																																				
Project Name: Republic Industrial & Energy Solutions - F039					Project #: 19001517																																																				
Site: N/A					SSOW#: N/A								Other: N/A																																												
<b>Sample Identification - Client ID (Lab ID)</b>					<b>Sample Date</b>		<b>Sample Time</b>		<b>Sample Type (C=Comp, G=grab)</b>		<b>MATRIX (Water, Soild, Ovens/Oil, St-Tissue, A=Air)</b>		<b>Field Filtered Sample (Yes or No)</b>		<b>Perform MS/MSD (Yes or No)</b>		<b>8081B/3510C_LVIALDRIN</b>		<b>8270E/3510C_LVINITROSODIMETHYLAMINE LVI</b>		<b>Total Number of containers</b>		<b>Special Instructions/Note:</b>																																		
F039 Dec 2025 Composite (190-38604-1)					12/1/25		Eastern		C		Water		X		X				4		E60 Nitrosodimethylamine in the analyte list																																				

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing North Central, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing North Central, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing North Central, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing North Central, LLC.

<b>Possible Hazard Identification</b>					<b>Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)</b>				
Unconfirmed					<input type="checkbox"/> Return To Client <input type="checkbox"/> Disposal By Lab <input type="checkbox"/> Archive For _____ Months				
Deliverable Requested: I, II, III, IV, Other (specify)					Primary Deliverable Rank: 2				
Special Instructions/QC Requirements:									

Empty Kit Relinquished by:		Date:		Time:		Method of Shipment:	
Relinquished by: <i>[Signature]</i>	Date/Time: 12/2/25 12:45	Company: <i>[Signature]</i>	Received by: <i>[Signature]</i>	Date/Time: 12/3/25 08:00	Company: <i>[Signature]</i>		
Relinquished by:	Date/Time:	Company:	Received by:	Date/Time:	Company:		
Relinquished by:	Date/Time:	Company:	Received by:	Date/Time:	Company:		

Eurofins - Cleveland Sample Receipt Form/Narrative Login # \_\_\_\_\_  
 Barberton Facility Cooler unpacked by: \_\_\_\_\_

Client Eurofins Site Name \_\_\_\_\_  
 Cooler Received on 12/31/17 Opened on 12/31/17  
 FedEx: 1st Grd Exp UPS FAS Waypoint Client Drop Off Eurofins Courier Other \_\_\_\_\_

Receipt After-hours Drop-off Date/Time \_\_\_\_\_ Storage Location \_\_\_\_\_  
 Eurofins Cooler # 15 Foam Box Client Cooler Box Other \_\_\_\_\_  
 Packing material used Bubble Wrap Foam Plastic Bag None Other \_\_\_\_\_  
 COOLANT Water Blue Ice Dry Ice Water None \_\_\_\_\_  
 See Multiple Cooler Form

1 Cooler temperature upon receipt \_\_\_\_\_  
 IR GUN # V7 (CF 40.7°C) Observed Cooler Temp 2.1 °C Corrected Cooler Temp 2.2 °C  
 2. Were tamper/custody seals on the outside of the cooler(s)? If Yes Quantity 1  Yes  No  
 -Were the seals on the outside of the cooler(s) signed & dated?  Yes  No  NA  
 -Were tamper/custody seals on the bottle(s) or bottle kits (LLHg/MeHg)?  Yes  No  NA  
 -Were tamper/custody seals intact and uncompromised?  Yes  No  NA  
 3 Shippers' packing slip attached to the cooler(s)?  Yes  No  NA  
 4 Did custody papers accompany the sample(s)?  Yes  No  NA  
 5 Were the custody papers relinquished & signed in the appropriate place?  Yes  No  NA  
 6 Was/were the person(s) who collected the samples clearly identified on the COC?  Yes  No  NA  
 7 Did all bottles arrive in good condition (Unbroken)?  Yes  No  NA  
 8 Could all bottle labels (ID/Date/Time) be reconciled with the COC?  Yes  No  NA  
 9 For each sample, does the COC specify preservatives (Y/N) # of containers (Y/N), and sample type of grab/comp (Y/N)?  Yes  No  NA  
 10 Were correct bottle(s) used for the test(s) indicated?  Yes  No  NA  
 11 Sufficient quantity received to perform indicated analyses?  Yes  No  NA  
 12 Are these work share samples and all listed on the COC?  Yes  No  NA  
 13 If yes, Questions 13-17 have been checked at the originating laboratory

Tests that are not checked for pH by Receiving  
VOAs  
Oil and Grease  
TOC

13 Were all preserved sample(s) at the correct pH upon receipt?  Yes  No  NA pH Strip Lot# HCS67196  
 14. Were VOAs on the COC?  Yes  No  
 15 Were air bubbles >6 mm in any VOA vials?  Larger than this  Yes  No  NA  
 16 Was a VOA trip blank present in the cooler(s)? Trip Blank Lot # \_\_\_\_\_  Yes  No  
 17 Was a LL Hg or Me Hg trip blank present?  Yes  No

Contacted PM \_\_\_\_\_ Date \_\_\_\_\_ by \_\_\_\_\_ via Verbal Voice Mail Other \_\_\_\_\_  
 Concerning \_\_\_\_\_

18. CHAIN OF CUSTODY & SAMPLE DISCREPANCIES  additional next page  
 Labeled by: \_\_\_\_\_  
 Labels Verified by: \_\_\_\_\_

19. SAMPLE CONDITION  
 Sample(s) \_\_\_\_\_ were received after the recommended holding time had expired.  
 Sample(s) \_\_\_\_\_ were received in a broken container  
 Sample(s) \_\_\_\_\_ were received with bubble >6 mm in diameter (Notify PM)

20. SAMPLE PRESERVATION  
 Sample(s) \_\_\_\_\_  
 Time preserved. \_\_\_\_\_ Preservative(s) added/Lot number(s) \_\_\_\_\_ were further preserved in the laboratory  
 VOA Sample Preservation - Date/Time VOAs Frozen \_\_\_\_\_

# Chain of Custody Record



<b>Client Information (Sub Contract Lab)</b>		Sampler: N/A	Lab Pmt: Schaefer, Sue	Carrier Tracking No(s): N/A	COC No: 190-43942-1
Client Contact: N/A		Phone: N/A	E-Mail: Sue.Schaefer@et.eurofins.com	State of Origin: Michigan	Page: Page 1 of 1
Shipping/Receiving		Accreditations Required (See note): N/A		Job #: 190-38604-1	Preservation Codes:
Company: Eurofins Environment Testing Northern Ca					
Address: 880 Riverside Parkway,		Analysis Requested			
City: West Sacramento					
State, Zip: CA, 95605					
Phone: 916-373-5600(Tel) 916-372-1059(Fax)					
Email: N/A					
Project Name: Republic Industrial & Energy Solutions - F039					
Site: N/A					
Project #: 19001517					
SSOW#: N/A					
Due Date Requested: 12/15/2025					
TAT Requested (days): N/A					
Sample Date: 12/1/25					
Sample Time: Eastern					
Sample Type (C=Comp, G=grab): C					
Sample Matrix (W=water, S=solid, O=oil, BT=tissue, A=air): Water					
Sample Identification - Client ID (Lab ID): F039 Dec 2025 Composite (190-38604-1)					
Field Filtered Sample (Yes or No): <input checked="" type="checkbox"/>					
Perform MS/MSD (Yes or No): <input checked="" type="checkbox"/>					
8290A/8290 P_SepDIOXINS Project List: X					
Total Number of Containers: 2					
Special Instructions/Notes:					
Other: N/A					

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing North Central, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing North Central, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing North Central, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing North Central, LLC.

**Possible Hazard Identification**  
 Unconfirmed  
 Deliverable Requested I, II, III, IV, Other (specify) Primary Deliverable Rank. 2  
 Empty Kit Relinquished by  
 Relinquished by [Signature] Date: 12/2/25  
 Relinquished by [Signature] Date: 12/4/25  
 Relinquished by [Signature] Date: 12/4/25

**Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)**  
 Return To Client  
 Disposal By Lab  
 Special Instructions/QC Requirements: Archive For \_\_\_\_\_ Months

Received by: [Signature] Date: 12/15/25  
 Received by: [Signature] Date: 12/15/25  
 Received by: [Signature] Date: 12/15/25

Cooler Temperature(s) °C and Other Remarks: [Signature]



# Isotope Dilution Summary

Client: Republic Industrial and Energy Solutions  
 Project/Site: Republic Industrial & Energy Solutions - F039

Job ID: 190-38604-1

## Method: 8290A - Dioxins and Furans (HRGC/HRMS)

Matrix: Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Isotope Dilution Recovery (Acceptance Limits)				
		HxCDD (40-135)	HxDD (40-135)	OCDD (40-135)	OCDF (40-135)	TCDD (40-135)
190-38604-1	F039 Dec 2025 Composite	5 *5-	5 *5-	3 *5-	3 *5-	14 *5-
LCS 320-891043/2-A	Lab Control Sample	57	48	20 *5-	26 *5-	67
LCSD 320-891043/3-A	Lab Control Sample Dup	53	48	21 *5-	26 *5-	66
MB 320-891043/1-A	Method Blank	64	63	33 *5-	36 *5-	72

### Surrogate Legend

HxCDD = 13C-1,2,3,4,7,8-HxCDD

HxDD = 13C-1,2,3,6,7,8-HxCDD

OCDD = 13C-OCDD

OCDF = 13C-OCDF

TCDD = 13C-2,3,7,8-TCDD

