

Facility Well Name

UIC Permit #

Month

Year

Submitted

Approved

KOLAR Document ID

# Class I-V Injection Well Monthly Monitoring

## Summary of Monthly Report

Number of days injection occurred:

Barrels per Day Maximum:

	Injection Volume Barrels per Day	Injection Rate Barrels per Minute	Annulus Pressure psig min		Injection Pressure		Amount Added to Seal Pot
			Gauge psig	Cont. Record psig	Gauge psig	Cont. Record psig	
Monthly Average							
Monthly Maximum							
Monthly Minimum							
Monthly Total							

## Summary of Continuous Recorder Data

Maximum Annulus Pressure psig	Minimum Annulus Pressure psig	Maximum Injection Pressure psig	Minimum Injection Pressure psig

**Comments:**



May 28, 2024

Mr. Ben Meissner  
Environmental Protection Agency – Region 7  
Drinking Water Management Branch: Water, Wetlands, and Pesticide Division  
11201 Renner Boulevard  
Lenexa, Kansas 66219-9601

**Re: April 2024 Monthly Disposal Well Monitoring Report  
Occidental Chemical Corporation - Wichita Plant  
6200 South Ridge Road  
Wichita, Sedgwick County, Kansas 67215**

Dear Mr. Meissner:

Please see enclosed a copy of the April 2024 Monthly Disposal Well Monitoring Report submitted to the Kansas Department of Health and Environment for the Occidental Chemical Corporation Wichita, KS Plant.

If you have any questions regarding this report, please feel free to contact me by phone at 316-529-7316 or by email at [Nicholas\\_Bell@oxy.com](mailto:Nicholas_Bell@oxy.com).

Sincerely,



Nicholas E. Bell  
Environmental Engineer

May 28, 2024

Mr. Ken Brooks  
Kansas Department of Health and Environment  
Bureau of Water, Geology Unit  
1000 SW Jackson St., Suite 420  
Topeka, KS 66612-1367

**Re: April 2024 Monthly Disposal Well Monitoring Report  
Occidental Chemical Corporation - Wichita Plant  
6200 South Ridge Road  
Wichita, Sedgwick County, Kansas 67215**

Dear Mr. Brooks:

Please see the enclosed April 2024 Monthly Disposal Well Monitoring Report for the Occidental Chemical Corporation (OxyChem) Wichita, KS Plant. The wells were operated within permit limits for the month of April 2024.

All pH laboratory analyses in the report were performed by the OxyChem Wichita Plant Control Lab, KDHE Certification Number E-92454. All other laboratory analyses were performed by Meridian Analytical Lab, LLC, KDHE Certification Numbers E-10193 and E-10378.

If you have any questions regarding this report, please feel free to contact me by phone at 316-529-7316 or by email at [Nicholas\\_Bell@oxy.com](mailto:Nicholas_Bell@oxy.com).

Sincerely,



Nicholas E. Bell  
Environmental Engineer

cc: Ben Meissner – EPA

## April 2024 Monthly Disposal Well Monitoring Report

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons 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.

Brett Vander Linden

*Name of Principal Executive Officer*

Plant Manager

*Title*

5/28/24

*Date*



*Signature of Principal Executive Officer or Authorized Agent*



# Oxychem - Monthly Deepwell Report

Apr 2024

	FLOW IN GALLONS PER DAY (Not to exceed 864,000 gpd per well or 2,520,000 gpd collectively for all wells)			FLOW IN GALLONS PER MINUTE (Not to exceed 600 gpm average)			ANNULUS PRESSURE IN PSIG (>130 psig)			WELL PRESSURE IN PSIG (<20 psig)			TEMP IN DEG F
	AVG	MIN	MAX	AVG	MIN	MAX	AVG	MIN	MAX	AVG	MIN	MAX	AVG
DW 3	169,606	115,132	238,725	117.8	.0	320.5	170.6	150.7	198.7	-12.8	-13.7	34.4	70.5
DW 8	271,672	56,495	401,855	188.7	.0	562.3	173.0	155.5	192.1	-7.4	-13.5	8.1	80.7
DW 9	256,621	68,544	360,311	178.2	.0	614.8	170.8	149.0	202.1	-5.1	-13.9	4.6	82.5
DW 10	542,300	446,943	625,477	376.6	.0	511.4	174.0	153.9	191.5	-12.8	-15.2	-2.6	70.2
DW 11	503,430	385,870	683,586	349.6	.0	544.6	174.0	160.7	196.5	-8.8	-15.7	-1	85.3
<b>TOTALS</b>	<b>1,743,630</b>	<b>1,422,897</b>	<b>2,044,859</b>										

\*An acid stimulation was conducted on Disposal Well No. 3 on April 12, 2024. Following the acid stimulation, the well gased up briefly resulting in a wellhead pressure above 20 psig. No wastewaters were injected into the well at this time. The pressure in the well was relieved into the head tank and a vacuum was restored in the well.

# Daily flows

<i>Date</i>	<i>DW 3 gpd</i>	<i>DW 8 gpd</i>	<i>DW 9 gpd</i>	<i>DW 10 gpd</i>	<i>DW 11 gpd</i>	<i>Total gpd</i>
4/1/2024	116,567	317,122	319,300	524,723	502,489	1,780,201
4/2/2024	115,132	262,080	312,982	496,984	541,772	1,728,950
4/3/2024	160,553	331,997	165,413	500,190	527,833	1,685,985
4/4/2024	133,218	232,658	329,472	520,307	481,064	1,696,718
4/5/2024	157,208	257,872	266,595	529,016	472,340	1,683,030
4/6/2024	186,967	238,224	335,806	492,086	537,828	1,790,910
4/7/2024	176,051	223,607	312,591	468,507	426,701	1,607,458
4/8/2024	183,566	308,239	298,410	446,943	609,331	1,846,488
4/9/2024	198,986	342,137	296,466	523,684	683,586	2,044,859
4/10/2024	175,527	311,828	100,410	524,636	601,245	1,713,647
4/11/2024	125,630	401,855	258,184	561,583	549,862	1,897,114
4/12/2024	125,065	265,239	360,311	465,829	594,875	1,811,318
4/13/2024	150,078	267,943	266,256	585,573	627,189	1,897,038
4/14/2024	122,154	357,406	312,197	588,898	490,995	1,871,650
4/15/2024	218,263	262,902	196,041	594,917	446,281	1,718,403
4/16/2024	205,724	337,457	245,362	620,632	385,870	1,795,044
4/17/2024	175,290	371,520	210,323	625,477	397,608	1,780,219
4/18/2024	189,264	337,311	217,058	601,502	467,439	1,812,573
4/19/2024	149,317	274,034	318,108	581,699	474,753	1,797,910
4/20/2024	125,747	313,005	325,878	548,757	410,550	1,723,938
4/21/2024	130,860	294,901	284,368	560,888	425,897	1,696,914
4/22/2024	130,534	328,447	291,005	568,657	443,007	1,761,651
4/23/2024	146,148	283,905	277,445	557,374	482,352	1,747,224
4/24/2024	206,142	231,813	237,604	517,413	578,534	1,771,506
4/25/2024	216,665	218,183	240,355	557,786	522,017	1,755,005
4/26/2024	173,060	235,010	239,482	551,060	451,607	1,650,219
4/27/2024	200,562	273,899	143,018	551,584	542,127	1,711,191
4/28/2024	224,716	153,654	68,544	478,085	497,898	1,422,897
4/29/2024	230,469	59,419	243,083	559,266	474,920	1,567,156
4/30/2024	238,725	56,495	226,580	564,950	454,942	1,541,692

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<i>Date</i>	<i>DW 3 gpd</i>	<i>DW 8 gpd</i>	<i>DW 9 gpd</i>	<i>DW 10 gpd</i>	<i>DW 11 gpd</i>	<i>Total gpd</i>
<b>Avg</b>	169,606	271,672	256,621	542,300	503,430	1,743,630
<b>Min</b>	115,132	56,495	68,544	446,943	385,870	1,422,897
<b>Max</b>	238,725	401,855	360,311	625,477	683,586	2,044,859
<b>Total</b>	5,088,188	8,150,161	7,698,644	16,269,005	15,102,911	52,308,908

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**DISPOSAL WELL #3 DAILY READINGS**

**UIC Permit No.: KS-01-173-004**

**April 2024**

Date	Time of Reading	Daily Injection Volume (864,000 gallons max.)	Injection Rate	Gauge Annulus Pressure (>130 psig)	Continuous Recorder Annulus Pressure (>130 psig)	Gauge Injection Pressure (<20 psig)	Continuous Recorder Injection Pressure (<20 psig)	Initials of Person Collecting Field Readings
	24-hour	gpd	gpm	psig	psig	psig	psig	
4/1/24	7:00	116,567	84	160	162	-14	-13	NP
4/2/24	7:10	115,132	83	162	163	-14	-13	NP
4/3/24	7:10	160,553	128	170	171	-14	-13	NP
4/4/24	7:00	133,218	84	161	163	-14	-13	NP
4/5/24	7:00	157,208	78	162	164	-14	-13	BR
4/6/24	6:50	186,967	99	158	159	-14	-13	BR
4/7/24	7:00	176,051	125	158	159	-13	-13	BR
4/8/24	6:52	183,566	78	160	163	-14	-13	EV
4/9/24	6:51	198,986	152	158	159	-14	-13	EV
4/10/24	6:50	175,527	159	172	174	-14	-13	EV
4/11/24	7:00	125,630	102	164	166	-14	-13	NP
4/12/24	6:50	125,065	109	165	169	-14	-13	LV
4/13/24	6:50	150,078	133	166	166	-14	-13	LV
4/14/24	7:20	122,154	92	165	168	-14	-13	LV
4/15/24	6:51	218,263	197	166	166	-14	-13	EV
4/16/24	6:51	205,724	101	170	170	-13	-13	EV
4/17/24	7:08	175,290	160	164	166	-14	-13	EV
4/18/24	6:59	189,264	126	168	169	-14	-13	EV
4/19/24	6:53	149,317	106	166	168	-14	-13	KG
4/20/24	7:03	125,747	75	164	166	-14	-13	KG
4/21/24	6:53	130,860	77	164	166	-15	-13	KG
4/22/24	7:05	130,534	95	164	167	-14	-13	NP/BR
4/23/24	7:15	146,148	86	159	160	-14	-13	EV
4/24/24	7:08	206,142	146	174	174	-14	-13	EV
4/25/24	7:00	216,665	154	174	175	-14	-13	EV
4/26/24	6:50	173,060	148	173	174	-14	-13	NP/BR
4/27/24	6:50	200,562	156	164	165	-13	-12	NP/BR
4/28/24	6:50	224,716	158	167	168	-14	-13	NP/BR
4/29/24	7:09	230,469	162	164	167	-14	-13	KG
4/30/24	6:55	238,725	179	160	162	-14	-13	KG
<b>High</b>		<b>238,725</b>	<b>197</b>	<b>174</b>	<b>175</b>	<b>-13</b>	<b>-12</b>	
<b>Low</b>		<b>115,132</b>	<b>75</b>	<b>158</b>	<b>159</b>	<b>-15</b>	<b>-13</b>	
<b>Average</b>		<b>169,606</b>	<b>121</b>	<b>165</b>	<b>166</b>	<b>-14</b>	<b>-13</b>	

**DISPOSAL WELL #8 DAILY READINGS**

**UIC Permit No.: KS-01-173-007**

**April 2024**

Date	Time of Reading	Daily Injection Volume (864,000 gallons max.)	Injection Rate	Gauge Annulus Pressure (>130 psig)	Continuous Recorder Annulus Pressure (>130 psig)	Gauge Injection Pressure (<20 psig)	Continuous Recorder Injection Pressure (<20 psig)	Initials of Person Collecting Field Readings
	24-hour	gpd	gpm	psig	psig	psig	psig	
4/1/24	7:00	317,122	247	162	164	-12	-12	NP
4/2/24	7:10	262,080	203	170	171	-13	-13	NP
4/3/24	7:10	331,997	182	172	175	-8	-7	NP
4/4/24	7:00	232,658	70	174	176	-11	-11	NP
4/5/24	7:00	257,872	186	165	166	-10	-10	BR
4/6/24	6:50	238,224	164	170	172	-6	-6	BR
4/7/24	7:00	223,607	86	174	175	-10	-9	BR
4/8/24	6:52	308,239	238	181	181	-8	-7	EV
4/9/24	6:51	342,137	211	178	180	-5	-4	EV
4/10/24	6:50	311,828	251	164	164	-11	-11	EV
4/11/24	7:00	401,855	271	164	166	-13	-12	NP
4/12/24	6:50	265,239	320	170	172	-14	-13	LV
4/13/24	6:50	267,943	111	175	177	-10	-7	LV
4/14/24	7:20	357,406	313	178	179	-13	-9	LV
4/15/24	6:51	262,902	117	164	165	-6	-5	EV
4/16/24	6:51	337,457	309	170	172	-13	-13	EV
4/17/24	7:08	371,520	156	172	175	-13	-12	EV
4/18/24	6:59	337,311	204	172	173	-13	-13	EV
4/19/24	6:53	274,034	230	174	177	-13	-12	KG
4/20/24	7:03	313,005	143	164	166	-13	-13	KG
4/21/24	6:53	294,901	228	170	173	-12	-11	KG
4/22/24	7:05	328,447	249	175	178	-10	-9	NP/BR
4/23/24	7:15	283,905	286	171	175	-7	-7	EV
4/24/24	7:08	231,813	289	177	179	-4	-4	EV
4/25/24	7:00	218,183	165	160	160	-13	-12	EV
4/26/24	6:50	235,010	202	170	171	-13	-12	NP/BR
4/27/24	6:50	273,899	206	177	178	-6	-5	NP/BR
4/28/24	6:50	153,654	68	184	184	-1	-1	NP/BR
4/29/24	7:09	59,419	32	160	160	0	0	KG
4/30/24	6:55	56,495	34	160	160	-5	-8	KG
<b>High</b>		<b>401,855</b>	<b>320</b>	<b>184</b>	<b>184</b>	<b>0</b>	<b>0</b>	
<b>Low</b>		<b>56,495</b>	<b>32</b>	<b>160</b>	<b>160</b>	<b>-14</b>	<b>-13</b>	
<b>Average</b>		<b>271,672</b>	<b>192</b>	<b>171</b>	<b>172</b>	<b>-9</b>	<b>-9</b>	

**DISPOSAL WELL #9 DAILY READINGS**

**UIC Permit No.: KS-01-173-008**

**April 2024**

Date	Time of Reading	Daily Injection Volume (864,000 gallons max.)	Injection Rate	Gauge Annulus Pressure (>130 psig)	Continuous Recorder Annulus Pressure (>130 psig)	Gauge Injection Pressure (<20 psig)	Continuous Recorder Injection Pressure (<20 psig)	Initials of Person Collecting Field Readings
	24-hour	gpd	gpm	psig	psig	psig	psig	
4/1/24	7:00	319,300	253	162	162	-10	-10	NP
4/2/24	7:10	312,982	267	170	171	-6	-6	NP
4/3/24	7:10	165,413	0	174	174	-3	-3	NP
4/4/24	7:00	329,472	101	168	168	-13	-13	NP
4/5/24	7:00	266,595	152	170	172	-12	-12	BR
4/6/24	6:50	335,806	219	165	167	-5	-4	BR
4/7/24	7:00	312,591	199	166	168	-4	-4	BR
4/8/24	6:52	298,410	249	172	171	-8	-8	EV
4/9/24	6:51	296,466	227	162	161	-3	-3	EV
4/10/24	6:50	100,410	148	162	162	-4	-4	EV
4/11/24	7:00	258,184	222	156	156	-1	-1	NP
4/12/24	6:50	360,311	317	170	172	-13	-14	LV
4/13/24	6:50	266,256	65	155	155	0	0	LV
4/14/24	7:20	312,197	196	168	168	-6	-4	LV
4/15/24	6:51	196,041	64	160	158	-1	-1	EV
4/16/24	6:51	245,362	266	162	163	-6	-6	EV
4/17/24	7:08	210,323	264	160	160	-6	-6	EV
4/18/24	6:59	217,058	123	174	173	-10	-10	EV
4/19/24	6:53	318,108	202	156	158	-4	-3	KG
4/20/24	7:03	325,878	269	154	156	-11	-10	KG
4/21/24	6:53	284,368	198	166	168	-5	-3	KG
4/22/24	7:05	291,005	199	170	170	-5	-5	NP/BR
4/23/24	7:15	277,445	182	159	157	-5	-7	EV
4/24/24	7:08	237,604	156	170	170	-5	-5	EV
4/25/24	7:00	240,355	196	170	169	-10	-10	EV
4/26/24	6:50	239,482	243	174	174	-9	-9	NP/BR
4/27/24	6:50	143,018	164	166	166	-6	-6	NP/BR
4/28/24	6:50	68,544	74	168	168	1	-4	NP/BR
4/29/24	7:09	243,083	188	184	185	0	-10	KG
4/30/24	6:55	226,580	184	162	160	-2	-1	KG
<b>High</b>		<b>360,311</b>	<b>317</b>	<b>184</b>	<b>185</b>	<b>1</b>	<b>0</b>	
<b>Low</b>		<b>68,544</b>	<b>0</b>	<b>154</b>	<b>155</b>	<b>-13</b>	<b>-14</b>	
<b>Average</b>		<b>256,622</b>	<b>186</b>	<b>166</b>	<b>166</b>	<b>-6</b>	<b>-6</b>	

**DISPOSAL WELL #10 DAILY READINGS**

**UIC Permit No.: KS-01-173-010**

**April 2024**

Date	Time of Reading	Daily Injection Volume (864,000 gallons max.)	Injection Rate	Gauge Annulus Pressure (>130 psig)	Continuous Recorder Annulus Pressure (>130 psig)	Gauge Injection Pressure (<20 psig)	Continuous Recorder Injection Pressure (<20 psig)	Initials of Person Collecting Field Readings
	24-hour	gpd	gpm	psig	psig	psig	psig	
4/1/24	7:00	524,723	353	164	165	-14	-14	NP
4/2/24	7:10	496,984	291	158	159	-10	-10	NP
4/3/24	7:10	500,190	339	172	174	-12	-12	NP
4/4/24	7:00	520,307	384	158	160	-15	-14	NP
4/5/24	7:00	529,016	364	160	160	-12	-12	BR
4/6/24	6:50	492,086	360	160	162	-14	-14	BR
4/7/24	7:00	468,507	324	180	180	-13	-13	BR
4/8/24	6:52	446,943	335	178	177	-14	-14	EV
4/9/24	6:51	523,684	367	176	177	-10	-10	EV
4/10/24	6:50	524,636	378	176	175	-13	-13	EV
4/11/24	7:00	561,583	364	172	174	-11	-11	NP
4/12/24	6:50	465,829	412	175	178	-15	-15	LV
4/13/24	6:50	585,573	413	175	178	-13	-12	LV
4/14/24	7:20	588,898	406	178	180	-14	-15	LV
4/15/24	6:51	594,917	412	180	181	-15	-15	EV
4/16/24	6:51	620,632	426	182	183	-13	-12	EV
4/17/24	7:08	625,477	446	176	179	-8	-8	EV
4/18/24	6:59	601,502	445	164	164	-12	-13	EV
4/19/24	6:53	581,699	396	168	169	-15	-15	KG
4/20/24	7:03	548,757	367	166	168	-15	-15	KG
4/21/24	6:53	560,888	377	169	170	-15	-15	KG
4/22/24	7:05	568,657	389	168	169	-13	-13	NP/BR
4/23/24	7:15	557,374	387	168	168	-10	-10	EV
4/24/24	7:08	517,413	378	168	168	-15	-15	EV
4/25/24	7:00	557,786	386	168	168	-15	-15	EV
4/26/24	6:50	551,060	398	172	173	-12	-13	NP/BR
4/27/24	6:50	551,584	380	168	169	-11	-11	NP/BR
4/28/24	6:50	478,085	143	170	171	-15	-15	NP/BR
4/29/24	7:09	559,266	355	174	172	-15	-15	KG
4/30/24	6:55	564,950	409	172	173	-14	-14	KG
<b>High</b>		<b>625,477</b>	<b>446</b>	<b>182</b>	<b>183</b>	<b>-8</b>	<b>-8</b>	
<b>Low</b>		<b>446,943</b>	<b>143</b>	<b>158</b>	<b>159</b>	<b>-15</b>	<b>-15</b>	
<b>Average</b>		<b>542,300</b>	<b>373</b>	<b>171</b>	<b>171</b>	<b>-13</b>	<b>-13</b>	

**DISPOSAL WELL #11 DAILY READINGS**

**UIC Permit No.: KS-01-173-011**

**April 2024**

Date	Time of Reading	Daily Injection Volume (864,000 gallons max.)	Injection Rate	Gauge Annulus Pressure (>130 psig)	Continuous Recorder Annulus Pressure (>130 psig)	Gauge Injection Pressure (<20 psig)	Continuous Recorder Injection Pressure (<20 psig)	Initials of Person Collecting Field Readings
	24-hour	gpd	gpm	psig	psig	psig	psig	
4/1/24	7:00	502,489	310	184	185	-3	-4	NP
4/2/24	7:10	541,772	370	164	166	-7	-7	NP
4/3/24	7:10	527,833	379	176	177	-12	-14	NP
4/4/24	7:00	481,064	331	170	171	-12	-14	NP
4/5/24	7:00	472,340	321	166	167	-13	-15	BR
4/6/24	6:50	537,828	398	165	166	-13	-15	BR
4/7/24	7:00	426,701	205	162	164	-12	-15	BR
4/8/24	6:52	609,331	412	174	174	-13	-15	EV
4/9/24	6:51	683,586	485	176	176	-13	-15	EV
4/10/24	6:50	601,245	442	176	176	-8	-11	EV
4/11/24	7:00	549,862	372	176	177	-8	-8	NP
4/12/24	6:50	594,875	316	180	176	-8	-7	LV
4/13/24	6:50	627,189	456	168	166	-10	-13	LV
4/14/24	7:20	490,995	356	175	172	-5	-6	LV
4/15/24	6:51	446,281	356	160	163	-6	-5	EV
4/16/24	6:51	385,870	277	160	162	-3	-3	EV
4/17/24	7:08	397,608	276	160	163	-6	-7	EV
4/18/24	6:59	467,439	262	176	177	-1	-2	EV
4/19/24	6:53	474,753	380	162	162	-4	-5	KG
4/20/24	7:03	410,550	274	164	162	-8	-10	KG
4/21/24	6:53	425,897	299	162	160	-6	-6	KG
4/22/24	7:05	443,007	312	164	166	-5	-5	NP/BR
4/23/24	7:15	482,352	305	170	166	-4	-10	EV
4/24/24	7:08	578,534	383	176	176	-8	-8	EV
4/25/24	7:00	522,017	364	166	166	-6	-8	EV
4/26/24	6:50	451,607	321	169	171	-3	-5	NP/BR
4/27/24	6:50	542,127	354	164	165	-4	-6	NP/BR
4/28/24	6:50	497,898	349	158	160	-6	-6	NP/BR
4/29/24	7:09	474,920	335	164	164	-5	-5	KG
4/30/24	6:55	454,942	324	172	174	-4	-4	KG
<b>High</b>		<b>683,586</b>	<b>485</b>	<b>184</b>	<b>185</b>	<b>-1</b>	<b>-2</b>	
<b>Low</b>		<b>385,870</b>	<b>205</b>	<b>158</b>	<b>160</b>	<b>-13</b>	<b>-15</b>	
<b>Average</b>		<b>503,430</b>	<b>344</b>	<b>169</b>	<b>169</b>	<b>-7</b>	<b>-8</b>	





### ANNULUS OIL REPORT

Date	Seal Pot Fluid Level (level in inches)				
	DW #3	DW #8	DW #9	DW #10	DW #11
4/1/24	16	16	17	25	16
4/2/24	14	14	14	25	15
4/3/24	15	14	13	26	14
4/4/24	15	14	13	25	13
4/5/24	14	14	14	24	14
4/6/24	15	14	14	26	16
4/7/24	16	16	15	25	15
4/8/24	16	15	16	25	16
4/9/24	14	14	13	25	18
4/10/24	17	15	13	25	16
4/11/24	15	14	13	25	17
4/12/24	17	17	17	26	16
4/13/24	15	14	13	26	17
4/14/24	17	15	15	27	17
4/15/24	16	14	14	25	20
4/16/24	15	15	14	26	20
4/17/24	17	14	15	27	18
4/18/24	16	17	16	29	19
4/19/24	14	14	13	27	16
4/20/24	14	13	16	28	15
4/21/24	13	13	13	25	15
4/22/24	13	14	14	26	15
4/23/24	22	14	13	29	31
4/24/24	15	14	15	27	17
4/25/24	15	15	15	29	18
4/26/24	15	19	15	25	17
4/27/24	17	17	16	25	19
4/28/24	14	13	13	25	20
4/29/24	15	14	15	31	18
4/30/24	18	15	14	33	18

#### Annulus Oil Additions

Date	DW #	Gallons Added

\* There were no annulus oil additions in April 2024



**Pace Analytical Services, Inc.**  
**Kansas Laboratory Certification No. E-10116**  
**Oxychem Disposal Well Analysis**

**Sampling Period:**

4/1/2024 to  
4/7/2024

<b>Parameter</b>		<b>DW #3</b>	<b>DW #8</b>	<b>DW #9</b>	<b>DW #10</b>	<b>DW #11</b>
<b>pH Permit Limit:</b>		<b>&gt;=4.0</b>	<b>Monitor</b>	<b>Monitor</b>	<b>Monitor</b>	<b>Monitor</b>
DICHLORODIFLUOROMETHANE	ug/L	< 100	< 200	< 400	< 40	< 50
CHLOROMETHANE	ug/L	15700	195000	294000	6430	4850
VINYL CHLORIDE	ug/L	< 100	< 200	< 400	< 40	< 50
BROMOMETHANE	ug/L	< 200	2640	4990	< 80	< 100
CHLOROETHANE	ug/L	< 100	< 200	< 400	< 40	< 50
TRICHLOROFLUOROMETHANE	ug/L	< 100	< 200	< 400	< 40	< 50
1,1-DICHLOROETHENE	ug/L	< 100	< 200	< 400	48.8	< 50
METHYLENE CHLORIDE	ug/L	< 1000	5080	4590	< 400	< 500
TRANS-1,2-DICHLOROETHYLENE	ug/L	< 100	< 200	< 400	< 40	< 50
1,1-DICHLOROETHANE	ug/L	< 100	< 200	< 400	< 40	< 50
CIS-1,2-DICHLOROETHYLENE	ug/L	< 100	< 200	< 400	< 40	< 50
CHLOROFORM	ug/L	274	3040	1670	3840	70
1,1,1-TRICHLOROETHANE	ug/L	< 100	< 200	< 400	< 40	< 50
CARBON TETRACHLORIDE	ug/L	< 100	26300	20700	4630	< 50
BENZENE	ug/L	< 100	< 200	< 400	< 40	< 50
1,2-DICHLOROETHANE	ug/L	< 100	< 200	< 400	116	< 50
TRICHLOROETHYLENE	ug/L	< 100	< 200	< 400	294	< 50
1,2-DICHLOROPROPANE	ug/L	< 100	< 200	< 400	330	< 50
BROMODICHLOROMETHANE	ug/L	< 100	< 200	< 400	< 40	< 50
TRANS-1,3-DICHLOROPROPENE	ug/L	< 100	< 200	< 400	< 40	< 50
CIS-1,3-DICHLOROPROPENE	ug/L	< 100	< 200	< 400	< 40	< 50
1,1,2-TRICHLOROETHANE	ug/L	< 100	< 200	< 400	< 40	< 50
TETRACHLOROETHYLENE	ug/L	< 100	572	< 400	3420	< 50
DIBROMOCHLOROMETHANE	ug/L	< 100	< 200	< 400	< 40	< 50
CHLOROBENZENE	ug/L	< 100	< 200	< 400	< 40	< 50
BROMOFORM	ug/L	< 100	< 200	< 400	42	< 50
1,1,2,2-TETRACHLOROETHANE	ug/L	< 100	< 200	< 400	< 40	< 50
PHENOL	ug/L	< 1.8	< 1.4	< 1.4	< 1.3	< 1.4
ORTHO-CHLOROPHENOL	ug/L	< 1.8	< 1.4	< 1.4	< 1.3	< 1.4
2,4-DICHLOROPHENOL	ug/L	< 1.8	< 1.4	< 1.4	6.6	< 1.4
PARA-CHLOROPHENOL	ug/L	< 1.8	< 1.4	< 1.4	< 1.3	< 1.4
2,6-DICHLOROPHENOL	ug/L	< 1.8	< 1.4	< 1.4	< 1.3	< 1.4
2,4,6-TRICHLOROPHENOL	ug/L	< 1.8	< 1.4	< 1.4	9.4	< 1.4
2,4,5-TRICHLOROPHENOL	ug/L	< 1.8	< 1.4	< 1.4	< 1.3	< 1.4
2,3,4-TRICHLOROPHENOL	ug/L	< 1.8	< 1.4	< 1.4	< 1.3	< 1.4
3,4-DICHLOROPHENOL	ug/L	< 1.8	< 1.4	< 1.4	< 1.3	< 1.4
2,3,5,6-TETRACHLOROPHENOL	ug/L	< 1.8	< 1.4	< 1.4	< 1.3	< 1.4
2,3,4,6-TETRACHLOROPHENOL	ug/L	< 1.8	< 1.4	< 1.4	6.4	< 1.4
3,4,5-TRICHLOROPHENOL	ug/L	< 1.8	< 1.4	< 1.4	< 1.3	< 1.4
PENTACHLOROPHENOL	ug/L	< 1.8	5	< 1.4	31	< 1.4
HEXACHLOROETHANE	ug/L	< 10	10.7	< 10	50.4	< 10
HEXACHLOROBUTADIENE	ug/L	< 10	< 10	< 10	38.1	< 10
HEXACHLOROENZENE	ug/L	< 10	< 10	< 10	< 10	< 10
A-HEXACHLOROCYCLOHEXANE	ug/L	< 10	< 10	< 10	< 10	< 10
G-HEXACHLOROCYCLOHEXANE	ug/L	< 10	< 10	< 10	< 10	< 10
B-HEXACHLOROCYCLOHEXANE	ug/L	< 10	< 10	< 10	< 10	< 10
D-HEXACHLOROCYCLOHEXANE	ug/L	< 10	< 10	< 10	< 10	< 10
ANTIMONY	mg/L	< 1.05	< 0.522	< 0.522	< 0.522	< 0.522
TOTAL CHROMIUM	mg/L	< 0.121	< 0.06	< 0.06	< 0.06	< 0.06

*Parameter*  
*pH Permit Limit:*

		<i>DW #3</i>	<i>DW #8</i>	<i>DW #9</i>	<i>DW #10</i>	<i>DW #11</i>
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PH	SU	9.22	12.3	12	2.02	12
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**Pace Analytical Services, Inc.**  
**Kansas Laboratory Certification No. E-10116**  
**Oxychem Disposal Well Analysis**

**Sampling Period:**

4/8/2024 to  
4/14/2024

<b>Parameter</b>		<b>DW #3</b>	<b>DW #8</b>	<b>DW #9</b>	<b>DW #10</b>	<b>DW #11</b>
<b>pH Permit Limit:</b>		<b>&gt;=4.0</b>	<b>Monitor</b>	<b>Monitor</b>	<b>Monitor</b>	<b>Monitor</b>
DICHLORODIFLUOROMETHANE	ug/L	< 200	< 200	< 400	< 40	< 50
CHLOROMETHANE	ug/L	27200	199000	158000	38900	6510
VINYL CHLORIDE	ug/L	< 200	< 200	< 400	< 40	< 50
BROMOMETHANE	ug/L	< 400	3450	2070	619	< 100
CHLOROETHANE	ug/L	< 200	< 200	< 400	< 40	< 50
TRICHLOROFLUOROMETHANE	ug/L	< 200	< 200	< 400	< 40	< 50
1,1-DICHLOROETHENE	ug/L	< 200	< 200	< 400	42	< 50
METHYLENE CHLORIDE	ug/L	< 2000	2840	< 4000	932	< 500
TRANS-1,2-DICHLOROETHYLENE	ug/L	< 200	< 200	< 400	< 40	< 50
1,1-DICHLOROETHANE	ug/L	< 200	< 200	< 400	< 40	< 50
CIS-1,2-DICHLOROETHYLENE	ug/L	< 200	< 200	< 400	< 40	< 50
CHLOROFORM	ug/L	508	1450	1550	4090	145
1,1,1-TRICHLOROETHANE	ug/L	< 200	< 200	< 400	< 40	< 50
CARBON TETRACHLORIDE	ug/L	< 200	846	1550	4310	< 50
BENZENE	ug/L	< 200	< 200	< 400	40.8	< 50
1,2-DICHLOROETHANE	ug/L	< 200	< 200	< 400	140	< 50
TRICHLOROETHYLENE	ug/L	< 200	< 200	< 400	288	< 50
1,2-DICHLOROPROPANE	ug/L	< 200	< 200	< 400	347	< 50
BROMODICHLOROMETHANE	ug/L	< 200	< 200	< 400	< 40	< 50
TRANS-1,3-DICHLOROPROPENE	ug/L	< 200	< 200	< 400	< 40	< 50
CIS-1,3-DICHLOROPROPENE	ug/L	< 200	< 200	< 400	< 40	< 50
1,1,2-TRICHLOROETHANE	ug/L	< 200	< 200	< 400	< 40	< 50
TETRACHLOROETHYLENE	ug/L	< 200	466	< 400	3300	< 50
DIBROMOCHLOROMETHANE	ug/L	< 200	< 200	< 400	45.2	< 50
CHLOROBENZENE	ug/L	< 200	< 200	< 400	< 40	< 50
BROMOFORM	ug/L	< 200	< 200	< 400	75.2	114
1,1,2,2-TETRACHLOROETHANE	ug/L	< 200	< 200	< 400	< 40	< 50
PHENOL	ug/L	< 5	< 5	< 5	< 5	< 5
ORTHO-CHLOROPHENOL	ug/L	< 5	< 5	< 5	< 5	< 5
2,4-DICHLOROPHENOL	ug/L	< 5	< 5	< 5	9.7	< 5
PARA-CHLOROPHENOL	ug/L	< 5	< 5	< 5	< 5	< 5
2,6-DICHLOROPHENOL	ug/L	< 5	< 5	< 5	< 5	< 5
2,4,6-TRICHLOROPHENOL	ug/L	< 5	< 5	< 5	6.6	< 5
2,4,5-TRICHLOROPHENOL	ug/L	< 5	< 5	< 5	< 5	< 5
2,3,4-TRICHLOROPHENOL	ug/L	< 5	< 5	< 5	< 5	< 5
3,4-DICHLOROPHENOL	ug/L	< 5	< 5	< 5	< 5	< 5
2,3,5,6-TETRACHLOROPHENOL	ug/L	< 5	< 5	< 5	< 5	< 5
2,3,4,6-TETRACHLOROPHENOL	ug/L	< 5	< 5	< 5	< 5	< 5
3,4,5-TRICHLOROPHENOL	ug/L	< 5	< 5	< 5	< 5	< 5
PENTACHLOROPHENOL	ug/L	< 5	< 5	< 5	16.7	< 5
HEXACHLOROETHANE	ug/L	< 0.76	17.6	5.88	35.9	< 0.76
HEXACHLOROBUTADIENE	ug/L	< 0.76	14.5	4.03	31.1	< 0.76
HEXACHLOROBENZENE	ug/L	< 3.88	< 3.88	< 3.88	< 3.88	< 3.88
A-HEXACHLOROCYCLOHEXANE	ug/L	< 0.44	< 0.44	< 0.44	< 0.44	< 0.44
G-HEXACHLOROCYCLOHEXANE	ug/L	< 2.08	< 2.08	< 2.08	< 2.08	< 2.08
B-HEXACHLOROCYCLOHEXANE	ug/L	< 1.44	< 1.44	< 1.44	< 1.44	< 1.44
D-HEXACHLOROCYCLOHEXANE	ug/L	< 0.4	< 0.4	< 0.4	< 0.4	< 0.4
ANTIMONY	mg/L	1.14	< 0.522	< 0.522	< 0.522	< 0.522
TOTAL CHROMIUM	mg/L	0.365	0.998	0.93	0.506	0.602

*Parameter*  
*pH Permit Limit:*

		<i>DW #3</i> <i>&gt;=4.0</i>	<i>DW #8</i> <i>Monitor</i>	<i>DW #9</i> <i>Monitor</i>	<i>DW #10</i> <i>Monitor</i>	<i>DW #11</i> <i>Monitor</i>
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PH	SU	9.64	< 2	< 2	< 2	11.8
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**Pace Analytical Services, Inc.**  
**Kansas Laboratory Certification No. E-10116**  
**Oxychem Disposal Well Analysis**

**Sampling Period:**

4/15/2024 to  
4/21/2024

<b>Parameter</b>		<b>DW #3</b>	<b>DW #8</b>	<b>DW #9</b>	<b>DW #10</b>	<b>DW #11</b>
<b>pH Permit Limit:</b>		<b>&gt;=4.0</b>	<b>Monitor</b>	<b>Monitor</b>	<b>Monitor</b>	<b>Monitor</b>
DICHLORODIFLUOROMETHANE	ug/L	< 100	< 400	< 400	< 40	< 50
CHLOROMETHANE	ug/L	17000	75300	137000	7500	4750
VINYL CHLORIDE	ug/L	< 100	< 400	< 400	< 40	< 50
BROMOMETHANE	ug/L	561	2850	5880	264	197
CHLOROETHANE	ug/L	< 100	< 400	< 400	< 40	< 50
TRICHLOROFLUOROMETHANE	ug/L	< 100	< 400	< 400	< 40	< 50
1,1-DICHLOROETHENE	ug/L	< 100	< 400	< 400	50.4	< 50
METHYLENE CHLORIDE	ug/L	< 1000	< 4000	< 4000	< 400	< 500
TRANS-1,2-DICHLOROETHYLENE	ug/L	< 100	< 400	< 400	< 40	< 50
1,1-DICHLOROETHANE	ug/L	< 100	< 400	< 400	< 40	< 50
CIS-1,2-DICHLOROETHYLENE	ug/L	< 100	< 400	< 400	< 40	< 50
CHLOROFORM	ug/L	< 100	656	976	3750	116
1,1,1-TRICHLOROETHANE	ug/L	< 100	< 400	< 400	< 40	< 50
CARBON TETRACHLORIDE	ug/L	< 100	528	620	4390	< 50
BENZENE	ug/L	< 100	< 400	< 400	< 40	< 50
1,2-DICHLOROETHANE	ug/L	< 100	< 400	< 400	< 40	< 50
TRICHLOROETHYLENE	ug/L	< 100	< 400	< 400	277	< 50
1,2-DICHLOROPROPANE	ug/L	< 100	< 400	< 400	302	< 50
BROMODICHLOROMETHANE	ug/L	< 100	< 400	< 400	< 40	< 50
TRANS-1,3-DICHLOROPROPENE	ug/L	< 100	< 400	< 400	< 40	< 50
CIS-1,3-DICHLOROPROPENE	ug/L	< 100	< 400	< 400	< 40	< 50
1,1,2-TRICHLOROETHANE	ug/L	< 100	< 400	< 400	< 40	< 50
TETRACHLOROETHYLENE	ug/L	< 100	< 400	< 400	3140	< 50
DIBROMOCHLOROMETHANE	ug/L	< 100	< 400	< 400	< 40	< 50
CHLOROBENZENE	ug/L	< 100	< 400	< 400	< 40	< 50
BROMOFORM	ug/L	101	< 400	< 400	< 40	< 50
1,1,2,2-TETRACHLOROETHANE	ug/L	< 100	< 400	< 400	< 40	< 50
PHENOL	ug/L	< 5	< 1.2	< 5	< 5	< 5
ORTHO-CHLOROPHENOL	ug/L	< 5	< 1.2	< 5	< 5	< 5
2,4-DICHLOROPHENOL	ug/L	< 5	< 1.2	< 5	< 5	< 5
PARA-CHLOROPHENOL	ug/L	< 5	< 1.2	< 5	< 5	< 5
2,6-DICHLOROPHENOL	ug/L	< 5	< 1.2	< 5	< 5	< 5
2,4,6-TRICHLOROPHENOL	ug/L	< 5	< 1.2	< 5	< 5	< 5
2,4,5-TRICHLOROPHENOL	ug/L	< 5	< 1.2	< 5	< 5	< 5
2,3,4-TRICHLOROPHENOL	ug/L	< 5	< 1.2	< 5	< 5	< 5
3,4-DICHLOROPHENOL	ug/L	< 5	< 1.2	< 5	< 5	< 5
2,3,5,6-TETRACHLOROPHENOL	ug/L	< 5	< 1.2	< 5	< 5	< 5
2,3,4,6-TETRACHLOROPHENOL	ug/L	< 5	< 1.2	< 5	< 5	< 5
3,4,5-TRICHLOROPHENOL	ug/L	< 5	< 1.2	< 5	< 5	< 5
PENTACHLOROPHENOL	ug/L	< 5	< 1.2	< 5	11.1	< 5
HEXACHLOROETHANE	ug/L	< 0.76	3.1	1.02	76.2	< 0.76
HEXACHLOROBUTADIENE	ug/L	< 0.76	2.63	< 0.76	59.8	< 0.76
HEXACHLOROENZENE	ug/L	< 3.88	< 3.88	< 3.88	< 3.88	< 3.88
A-HEXACHLOROCYCLOHEXANE	ug/L	< 0.44	< 0.44	< 0.44	< 0.44	< 0.44
G-HEXACHLOROCYCLOHEXANE	ug/L	< 2.08	< 2.08	< 2.08	< 2.08	< 2.08
B-HEXACHLOROCYCLOHEXANE	ug/L	< 1.44	< 1.44	< 1.44	< 1.44	< 1.44
D-HEXACHLOROCYCLOHEXANE	ug/L	< 0.4	< 0.4	< 0.4	< 0.4	< 0.4
ANTIMONY	mg/L	< 1.05	< 0.524	< 0.522	< 0.522	0.59
TOTAL CHROMIUM	mg/L	< 0.121	0.201	4.69	0.359	0.199

*Parameter*  
*pH Permit Limit:*

		<i>DW #3</i> <i>&gt;=4.0</i>	<i>DW #8</i> <i>Monitor</i>	<i>DW #9</i> <i>Monitor</i>	<i>DW #10</i> <i>Monitor</i>	<i>DW #11</i> <i>Monitor</i>
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PH	SU	9.06	< 2	< 2	9.52	11.8
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**Pace Analytical Services, Inc.**  
**Kansas Laboratory Certification No. E-10116**  
**Oxychem Disposal Well Analysis**

**Sampling Period:**

4/22/2024 to  
4/28/2024

<b>Parameter</b>		<b>DW #3</b>	<b>DW #8</b>	<b>DW #9</b>	<b>DW #10</b>	<b>DW #11</b>
<b>pH Permit Limit:</b>		<b>&gt;=4.0</b>	<b>Monitor</b>	<b>Monitor</b>	<b>Monitor</b>	<b>Monitor</b>
DICHLORODIFLUOROMETHANE	ug/L	< 1	< 50	< 50	< 10	< 2
CHLOROMETHANE	ug/L	279	8330	12500	86.8	58.8
VINYL CHLORIDE	ug/L	< 1	< 50	< 50	< 10	< 2
BROMOMETHANE	ug/L	7.61	261	322	< 20	< 4
CHLOROETHANE	ug/L	< 1	< 50	< 50	< 10	< 2
TRICHLOROFLUOROMETHANE	ug/L	< 1	< 50	< 50	27.9	2.52
1,1-DICHLOROETHENE	ug/L	< 1	< 50	< 50	42.5	3.56
METHYLENE CHLORIDE	ug/L	26.3	< 500	< 500	226	33.1
TRANS-1,2-DICHLOROETHYLENE	ug/L	< 1	< 50	< 50	< 10	< 2
1,1-DICHLOROETHANE	ug/L	< 1	< 50	< 50	16.1	< 2
CIS-1,2-DICHLOROETHYLENE	ug/L	< 1	< 50	< 50	22.8	< 2
CHLOROFORM	ug/L	74.6	830	382	2400	335
1,1,1-TRICHLOROETHANE	ug/L	< 1	< 50	< 50	31.4	2.6
CARBON TETRACHLORIDE	ug/L	< 1	952	462	2760	169
BENZENE	ug/L	< 1	< 50	< 50	32.5	2.98
1,2-DICHLOROETHANE	ug/L	< 1	< 50	270	91.1	10.3
TRICHLOROETHYLENE	ug/L	< 1	< 50	< 50	232	19.8
1,2-DICHLOROPROPANE	ug/L	< 1	< 50	< 50	257	20.2
BROMODICHLOROMETHANE	ug/L	85.5	103	< 50	167	45.1
TRANS-1,3-DICHLOROPROPENE	ug/L	< 1	< 50	< 50	< 10	< 2
CIS-1,3-DICHLOROPROPENE	ug/L	< 1	< 50	< 50	< 10	< 2
1,1,2-TRICHLOROETHANE	ug/L	< 1	< 50	< 50	< 10	< 2
TETRACHLOROETHYLENE	ug/L	< 1	450	65	2430	209
DIBROMOCHLOROMETHANE	ug/L	152	108	< 50	85.1	76.6
CHLOROBENZENE	ug/L	< 1	< 50	< 50	< 10	< 2
BROMOFORM	ug/L	215	91	< 50	32.3	279
1,1,2,2-TETRACHLOROETHANE	ug/L	< 1	< 50	< 50	< 10	< 2
PHENOL	ug/L	< 5	< 5	< 5	< 5	< 5
ORTHO-CHLOROPHENOL	ug/L	< 5	< 5	< 5	< 5	< 5
2,4-DICHLOROPHENOL	ug/L	< 5	< 5	< 5	6.3	< 5
PARA-CHLOROPHENOL	ug/L	< 5	< 5	< 5	< 5	< 5
2,6-DICHLOROPHENOL	ug/L	< 5	< 5	< 5	< 5	< 5
2,4,6-TRICHLOROPHENOL	ug/L	< 5	< 5	< 5	5.6	< 5
2,4,5-TRICHLOROPHENOL	ug/L	< 5	< 5	< 5	< 5	< 5
2,3,4-TRICHLOROPHENOL	ug/L	< 5	< 5	< 5	< 5	< 5
3,4-DICHLOROPHENOL	ug/L	< 5	< 5	< 5	< 5	< 5
2,3,5,6-TETRACHLOROPHENOL	ug/L	< 5	< 5	< 5	< 5	< 5
2,3,4,6-TETRACHLOROPHENOL	ug/L	< 5	< 5	< 5	< 5	< 5
3,4,5-TRICHLOROPHENOL	ug/L	< 5	< 5	< 5	< 5	< 5
PENTACHLOROPHENOL	ug/L	< 5	< 5	< 5	14.4	< 5
HEXACHLOROETHANE	ug/L	< 0.76	3.65	1.56	69.9	< 0.76
HEXACHLOROBUTADIENE	ug/L	< 0.76	3	< 0.76	58.6	< 0.76
HEXACHLOROBENZENE	ug/L	< 3.88	4.57	< 3.88	< 3.88	< 3.88
A-HEXACHLOROCYCLOHEXANE	ug/L	< 0.44	< 0.44	< 0.44	< 0.44	< 0.44
G-HEXACHLOROCYCLOHEXANE	ug/L	< 2.08	< 2.08	< 2.08	< 2.08	< 2.08
B-HEXACHLOROCYCLOHEXANE	ug/L	< 1.44	< 1.44	< 1.44	< 1.44	< 1.44
D-HEXACHLOROCYCLOHEXANE	ug/L	< 0.4	< 0.4	< 0.4	< 0.4	< 0.4
ANTIMONY	mg/L	1.28	< 0.52	< 0.52	< 0.522	< 0.522
TOTAL CHROMIUM	mg/L	< 0.121	< 0.06	0.091	< 0.06	0.075

*Parameter*  
*pH Permit Limit:*

		<i>DW #3</i> <i>&gt;=4.0</i>	<i>DW #8</i> <i>Monitor</i>	<i>DW #9</i> <i>Monitor</i>	<i>DW #10</i> <i>Monitor</i>	<i>DW #11</i> <i>Monitor</i>
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PH	SU	9.45	11.6	< 2	11.3	12
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**Pace Analytical Services, Inc.**  
**Kansas Laboratory Certification No. E-10116**  
**Oxychem Disposal Well Analysis**

**Sampling Period:**

4/29/2024 to  
5/5/2024

<b>Parameter</b>		<b>DW #3</b>	<b>DW #8</b>	<b>DW #9</b>	<b>DW #10</b>	<b>DW #11</b>
<b>pH Permit Limit:</b>		<b>&gt;=4.0</b>	<b>Monitor</b>	<b>Monitor</b>	<b>Monitor</b>	<b>Monitor</b>
DICHLORODIFLUOROMETHANE	ug/L	< 2	< 50	< 100	< 5	< 2
CHLOROMETHANE	ug/L	521	43000	100000	808	520
VINYL CHLORIDE	ug/L	< 2	< 50	< 100	< 5	< 2
BROMOMETHANE	ug/L	< 4	295	659	< 10	< 4
CHLOROETHANE	ug/L	< 2	< 50	< 100	< 5	< 2
TRICHLOROFLUOROMETHANE	ug/L	< 2	< 50	< 100	8.65	< 2
1,1-DICHLOROETHENE	ug/L	< 2	< 50	< 100	5.2	< 2
METHYLENE CHLORIDE	ug/L	< 20	1400	4790	95.8	< 20
TRANS-1,2-DICHLOROETHYLENE	ug/L	< 2	< 50	< 100	< 5	< 2
1,1-DICHLOROETHANE	ug/L	< 2	< 50	< 100	< 5	< 2
CIS-1,2-DICHLOROETHYLENE	ug/L	< 2	< 50	< 100	< 5	< 2
CHLOROFORM	ug/L	356	677	1470	580	61
1,1,1-TRICHLOROETHANE	ug/L	< 2	< 50	< 100	8.75	< 2
CARBON TETRACHLORIDE	ug/L	< 2	500	1770	512	< 2
BENZENE	ug/L	< 2	< 50	< 100	16	< 2
1,2-DICHLOROETHANE	ug/L	< 2	< 50	< 100	35.8	< 2
TRICHLOROETHYLENE	ug/L	< 2	< 50	< 100	52.1	< 2
1,2-DICHLOROPROPANE	ug/L	< 2	< 50	< 100	64.2	< 2
BROMODICHLOROMETHANE	ug/L	11.5	< 50	< 100	16.9	7.94
TRANS-1,3-DICHLOROPROPENE	ug/L	< 2	< 50	< 100	< 5	< 2
CIS-1,3-DICHLOROPROPENE	ug/L	< 2	< 50	< 100	< 5	< 2
1,1,2-TRICHLOROETHANE	ug/L	< 2	< 50	< 100	< 5	< 2
TETRACHLOROETHYLENE	ug/L	< 2	< 50	< 100	624	< 2
DIBROMOCHLOROMETHANE	ug/L	37	< 50	< 100	24	14.9
CHLOROBENZENE	ug/L	< 2	< 50	< 100	5.85	< 2
BROMOFORM	ug/L	193	< 50	< 100	33	39.3
1,1,2,2-TETRACHLOROETHANE	ug/L	< 2	< 50	< 100	< 5	< 2
PHENOL	ug/L	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2
ORTHO-CHLOROPHENOL	ug/L	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2
2,4-DICHLOROPHENOL	ug/L	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2
PARA-CHLOROPHENOL	ug/L	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2
2,6-DICHLOROPHENOL	ug/L	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2
2,4,6-TRICHLOROPHENOL	ug/L	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2
2,4,5-TRICHLOROPHENOL	ug/L	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2
2,3,4-TRICHLOROPHENOL	ug/L	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2
3,4-DICHLOROPHENOL	ug/L	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2
2,3,5,6-TETRACHLOROPHENOL	ug/L	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2
2,3,4,6-TETRACHLOROPHENOL	ug/L	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2
3,4,5-TRICHLOROPHENOL	ug/L	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2
PENTACHLOROPHENOL	ug/L	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2
HEXACHLOROETHANE	ug/L	< 0.19	2.37	9.62	7.17	0.455
HEXACHLOROBUTADIENE	ug/L	< 0.19	0.399	0.504	5.73	0.494
HEXACHLOROENZENE	ug/L	< 0.97	< 0.97	< 0.97	< 0.97	< 0.97
A-HEXACHLOROCYCLOHEXANE	ug/L	< 0.11	< 0.11	< 0.11	< 0.11	1.78
G-HEXACHLOROCYCLOHEXANE	ug/L	< 0.52	< 0.52	< 0.52	< 0.52	1.5
B-HEXACHLOROCYCLOHEXANE	ug/L	< 0.36	< 0.36	< 0.36	< 0.36	1.17
D-HEXACHLOROCYCLOHEXANE	ug/L	< 0.1	< 0.1	< 0.1	< 0.1	1.74
ANTIMONY	mg/L	< 1.05	< 0.522	< 0.522	< 0.522	< 0.522
TOTAL CHROMIUM	mg/L	< 0.121	0.071	0.091	< 0.06	0.364

<i>Parameter</i>		<i>DW #3</i>	<i>DW #8</i>	<i>DW #9</i>	<i>DW #10</i>	<i>DW #11</i>
<i>pH Permit Limit:</i>		<i>&gt;=4.0</i>	<i>Monitor</i>	<i>Monitor</i>	<i>Monitor</i>	<i>Monitor</i>
PH	SU	9.52	< 2	< 2	12.1	12.2

## *Specific Gravity Weighted Average*

			<i>Avg Flow</i>	<i>Avg SPG</i>	<i>LBS</i>
DW #3	1/31/2024	2/6/2024	140.6	1.069142857	12637106
DW #8			244.3	1.022285714	20995312
DW #9			237.2	1.030714286	20553205
<i>Total</i>			622.1		54185624
DW #3	2/7/2024	2/13/2024	114.6	1.063285714	10243802
DW #8			227.2	1.028142857	19637598
DW #9			210.7	1.030857143	18259530
<i>Total</i>			552.5		48140931
DW #3	2/14/2024	2/20/2024	102.6	1.078714286	9304229
DW #8			296.3	1.042714286	25973086
DW #9			203.4	1.035571429	17707514
<i>Total</i>			602.3		52984829
DW #3	2/21/2024	2/27/2024	99.5	1.083142857	9060150
DW #8			301.8	1.044142857	26491451
DW #9			255.7	1.038857143	22331256
<i>Total</i>			657		57882856
DW #3	2/28/2024	3/5/2024	108.1	1.093714286	9939308
DW #8			258.2	1.037	22509279
DW #9			241.2	1.029285714	20870835
<i>Total</i>			607.5		53319422
DW #3	3/6/2024	3/12/2024	120.3	1.093142857	11055264
DW #8			279	1.032142857	24208651
DW #9			232	1.022142857	19935456
<i>Total</i>			631.3		55199371
DW #3	3/13/2024	3/19/2024	115	1.099142857	10626214
DW #8			254.7	1.028	22011449
DW #9			189	1.022428571	16245062
<i>Total</i>			558.7		48882725
DW #3	3/20/2024	3/26/2024	118.7	1.084857143	10825547
DW #8			245.7	1.042285714	21528736
DW #9			160.1	1.036714286	13953302
<i>Total</i>			524.5		46307585
DW #3	3/27/2024	4/2/2024	114.6	1.113142857	10724131
DW #8			193.9	1.029714286	16784992
DW #9			199.7	1.035714286	17387799
<i>Total</i>			508.2		44896922
DW #3	4/3/2024	4/9/2024	118.7	1.152285714	11498402
DW #8			191.9	1.034571429	16690219
DW #9			198.8	1.053714286	17610263
<i>Total</i>			509.4		45798883

			<i>Avg Flow</i>	<i>Avg SPG</i>	<i>LBS</i>
DW #3	4/10/2024	4/16/2024	111.3	1.108857143	10375221
DW #8			218.7	1.039714286	19115664
DW #9			172.4	1.04	15072913
<i>Total</i>			502.4		44563797
DW #3	4/17/2024	4/23/2024	103.8	1.086857143	9484106
DW #8			218.5	1.046714286	19226763
DW #9			190.8	1.043571429	16738908
<i>Total</i>			513.1		45449778
DW #3	4/24/2024	4/30/2024	147.8	1.085	13481268
DW #8			121.8	1.035	10597763
DW #9			138.7	1.036857143	12089879
<i>Total</i>			408.3		36168911
<i>Average of Weekly Totals</i>			553.6	<i>Sum of All LBS</i>	633781635
				<i>Weighted SPG</i>	1.0475

## *Specific Gravity Weighted Average (Range 1.01 - 1.08)*

			<i>Avg Flow</i>	<i>Avg SPG</i>	<i>LBS</i>		
DW #10	1/31/2024	2/6/2024	355.7	1.0247	30641727		
DW #10	2/7/2024	2/13/2024	354.4	1.0506	31300111		
DW #10	2/14/2024	2/20/2024	340.3	1.0141	29012668		
DW #10	2/21/2024	2/27/2024	270.3	1.0081	22908397		
DW #10	2/28/2024	3/5/2024	351.4	1.0141	29959011		
DW #10	3/6/2024	3/12/2024	388.9	1.0123	33097268		
DW #10	3/13/2024	3/19/2024	379.4	0.9961	31772072		
DW #10	3/20/2024	3/26/2024	368.2	1.0143	31395737		
DW #10	3/27/2024	4/2/2024	379.5	1.0126	32304575		
DW #10	4/3/2024	4/9/2024	345.3	1.0193	29588238		
DW #10	4/10/2024	4/16/2024	391	1.0209	33555855		
DW #10	4/17/2024	4/23/2024	401.2	1.0196	34387861		
DW #10	4/24/2024	4/30/2024	375	1.0190	32124179		
			<i>Avg Flow</i>	<i>Sum LBS</i>	<i>Weighted SPG</i>		
			361.6	402047699	1.0174		

## *Specific Gravity Weighted Average (Range 1.01 - 1.08)*

			<i>Avg Flow</i>	<i>Avg SPG</i>	<i>LBS</i>		
DW #11	1/31/2024	2/6/2024	391.5	1.0724	35296100		
DW #11	2/7/2024	2/13/2024	332.4	1.0371	28981855		
DW #11	2/14/2024	2/20/2024	240.6	1.0420	21076084		
DW #11	2/21/2024	2/27/2024	257.6	1.0436	22599281		
DW #11	2/28/2024	3/5/2024	279.8	1.0367	24385596		
DW #11	3/6/2024	3/12/2024	356.1	1.0330	30924229		
DW #11	3/13/2024	3/19/2024	310.2	1.0227	26669981		
DW #11	3/20/2024	3/26/2024	352.7	1.0413	30874644		
DW #11	3/27/2024	4/2/2024	349.1	1.0341	30349879		
DW #11	4/3/2024	4/9/2024	370.9	1.0506	32757368		
DW #11	4/10/2024	4/16/2024	366.6	1.0390	32020978		
DW #11	4/17/2024	4/23/2024	307.6	1.0236	26468606		
DW #11	4/24/2024	4/30/2024	349.4	1.0356	30417922		
			<i>Avg Flow</i>	<i>Sum LBS</i>	<i>Weighted SPG</i>		
			328.0	372822523	1.0399		

## *Specific Gravity Weighted Average*

			<i>Avg Flow</i>	<i>Avg SPG</i>	<i>LBS</i>
DW #3	1/31/2024	2/6/2024	140.6	1.069142857	12637106
DW #8			244.3	1.022285714	20995312
DW #9			237.2	1.030714286	20553205
DW #10			355.7	1.024714286	30641727
DW #11			391.5	1.072428571	35296100
<i>Total</i>			1369.3		120123452
DW #3	2/7/2024	2/13/2024	114.6	1.063285714	10243802
DW #8			227.2	1.028142857	19637598
DW #9			210.7	1.030857143	18259530
DW #10			354.4	1.050571429	31300111
DW #11			332.4	1.037142857	28981855
<i>Total</i>			1239.3		108422897
DW #3	2/14/2024	2/20/2024	102.6	1.078714286	9304229
DW #8			296.3	1.042714286	25973086
DW #9			203.4	1.035571429	17707514
DW #10			340.3	1.014142857	29012668
DW #11			240.6	1.042	21076084
<i>Total</i>			1183.2		103073581
DW #3	2/21/2024	2/27/2024	99.5	1.083142857	9060150
DW #8			301.8	1.044142857	26491451
DW #9			255.7	1.038857143	22331256
DW #10			270.3	1.008142857	22908397
DW #11			257.6	1.043571429	22599281
<i>Total</i>			1184.9		103390535
DW #3	2/28/2024	3/5/2024	108.1	1.093714286	9939308
DW #8			258.2	1.037	22509279
DW #9			241.2	1.029285714	20870835
DW #10			351.4	1.014142857	29959011
DW #11			279.8	1.036714286	24385596
<i>Total</i>			1238.7		107664030
DW #3	3/6/2024	3/12/2024	120.3	1.093142857	11055264
DW #8			279	1.032142857	24208651
DW #9			232	1.022142857	19935456
DW #10			388.9	1.012342857	33097268
DW #11			356.1	1.033	30924229
<i>Total</i>			1376.3		119220868

			<i>Avg Flow</i>	<i>Avg SPG</i>	<i>LBS</i>
DW #3	3/13/2024	3/19/2024	115	1.099142857	10626214
DW #8			254.7	1.028	22011449
DW #9			189	1.022428571	16245062
DW #10			379.4	0.996142857	31772072
DW #11			310.2	1.022714286	26669981
<i>Total</i>			1248.3		107324778
DW #3	3/20/2024	3/26/2024	118.7	1.084857143	10825547
DW #8			245.7	1.042285714	21528736
DW #9			160.1	1.036714286	13953302
DW #10			368.2	1.014285714	31395737
DW #11			352.7	1.041285714	30874644
<i>Total</i>			1245.4		108577965
DW #3	3/27/2024	4/2/2024	114.6	1.113142857	10724131
DW #8			193.9	1.029714286	16784992
DW #9			199.7	1.035714286	17387799
DW #10			379.5	1.012571429	32304575
DW #11			349.1	1.034142857	30349879
<i>Total</i>			1236.8		107551376
DW #3	4/3/2024	4/9/2024	118.7	1.152285714	11498402
DW #8			191.9	1.034571429	16690219
DW #9			198.8	1.053714286	17610263
DW #10			345.3	1.019285714	29588238
DW #11			370.9	1.050571429	32757368
<i>Total</i>			1225.6		108144489
DW #3	4/10/2024	4/16/2024	111.3	1.108857143	10375221
DW #8			218.7	1.039714286	19115664
DW #9			172.4	1.04	15072913
DW #10			391	1.020857143	33555855
DW #11			366.6	1.039	32020978
<i>Total</i>			1260		110140630
DW #3	4/17/2024	4/23/2024	103.8	1.086857143	9484106
DW #8			218.5	1.046714286	19226763
DW #9			190.8	1.043571429	16738908
DW #10			401.2	1.019571429	34387861
DW #11			307.6	1.023571429	26468606
<i>Total</i>			1221.9		106306245
DW #3	4/24/2024	4/30/2024	147.8	1.085	13481268
DW #8			121.8	1.035	10597763
DW #9			138.7	1.036857143	12089879
DW #10			375	1.019	32124179
DW #11			349.4	1.035571429	30417922
<i>Total</i>			1132.7		98711012



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<i>Avg Flow</i>	<i>Avg SPG</i>	<i>LBS</i>			
<i>Average of Weekly Totals</i>	1243.3	<i>Sum of All LBS</i>	1408651857	<i>Weighted SPG</i>	1.0367

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