

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 10, 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: March 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 March 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.

Sincerely,



Nicholas E. Bell
Environmental Engineer

L2405045



May 10, 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: March 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 March 2024 Monthly Disposal Well Monitoring Report for the Occidental Chemical Corporation (OxyChem) Wichita, KS Plant. The wells operated within permit limits for the month of March 2024, although the following discrepancy occurred:

1. During the week of March 25, 2024, OxyChem's third-party analytical lab had complications when analyzing phenol compounds for Disposal Well No. 3. As a result of their complications, the following phenol compounds were not able to be analyzed for Disposal Well No. 3 during this sampling week:
 - a. 2,3,4,6-Tetrachlorophenol
 - b. 2,3,4-Trichlorophenol
 - c. 2,3,5,6-Tetrachlorophenol
 - d. 2,4,5-Trichlorophenol
 - e. 2,4-Dichlorophenol
 - f. 2,6-Dichlorophenol
 - g. 3,4,5-Trichlorophenol
 - h. 3,4-Dichlorophenol
 - i. Ortho-Chlorophenol
 - j. Para-Chlorophenol
 - k. Pentachlorophenol
 - l. Phenol

All of these phenol compounds have been non-detect in Disposal Well No. 3 wastewaters for years, and would very likely have been non-detect during the sampling week of March 25, 2024. OxyChem does not produce these compounds any longer, and the only phenols that we detect in our disposal well wastewaters are from contaminated groundwater remediation wastewater injected into the plant's disposal wells. No contaminated groundwater remediation wastewater is injected into Disposal Well No. 3; therefore, we would not expect to detect any phenol compounds for this well.



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.

Thank you much for granting a submittal deadline extension for this monthly report while the third-party laboratory was working out issues with the phenol analyses.

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.

Sincerely,



Nicholas E. Bell
Environmental Engineer

cc: Ben Meissner – EPA

March 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 VanderLinden

Name of Principal Executive Officer

Plant Manager

Title

05/10/2024

Date



Signature of Principal Executive Officer or Authorized Agent

Kirk J Franklin for Brett VanderLinden



Oxychem - Monthly Deepwell Report

Mar 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	167,871	118,896	232,773	116.6	.0	326.6	173.6	133.5	200.5	-12.1	-13.8	.0	62.9
DW 8	349,621	193,528	618,402	242.8	.0	755.4	172.4	149.4	196.4	-9.9	-13.5	2.7	81.8
DW 9	290,833	59,681	497,639	202.0	.0	579.7	175.0	150.2	200.4	-5.9	-14.2	1.9	77.5
DW 10	549,645	503,476	590,145	381.7	.0	502.1	176.6	154.1	190.3	-11.0	-15.0	-1.5	66.9
DW 11	473,879	288,441	643,464	329.1	.2	494.1	176.4	156.4	197.1	-10.8	-15.0	-.8	78.0
TOTALS	1,831,849	1,603,584	2,356,525										

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>
3/1/2024	169,406	447,760	288,564	564,135	370,900	1,840,765
3/2/2024	141,525	224,975	378,456	570,188	288,441	1,603,584
3/3/2024	135,071	262,515	497,639	563,304	295,099	1,753,629
3/4/2024	146,408	431,511	301,312	551,831	534,738	1,965,799
3/5/2024	118,896	237,233	309,392	527,406	453,793	1,646,719
3/6/2024	142,410	489,427	110,831	540,723	496,503	1,779,895
3/7/2024	195,591	618,402	404,294	551,690	586,548	2,356,525
3/8/2024	232,773	380,292	358,437	564,427	643,464	2,179,393
3/9/2024	188,392	341,187	392,375	554,041	488,947	1,964,942
3/10/2024	156,870	216,661	400,802	550,356	301,046	1,625,734
3/11/2024	147,069	493,454	344,633	568,856	459,760	2,013,771
3/12/2024	149,675	273,501	327,708	590,145	613,247	1,954,277
3/13/2024	145,741	401,798	311,521	566,465	549,468	1,974,994
3/14/2024	162,688	413,444	180,103	503,476	403,326	1,663,036
3/15/2024	175,042	475,948	213,591	519,216	423,184	1,806,982
3/16/2024	194,880	378,032	304,410	570,541	410,921	1,858,784
3/17/2024	200,394	228,410	340,902	560,637	416,553	1,746,895
3/18/2024	151,105	308,659	297,228	551,905	428,196	1,737,093
3/19/2024	129,449	361,878	257,601	553,008	495,642	1,797,578
3/20/2024	142,452	385,610	202,916	526,444	442,808	1,700,230
3/21/2024	159,225	275,283	312,137	513,894	499,363	1,759,902
3/22/2024	129,859	411,831	291,450	529,918	553,003	1,916,062
3/23/2024	173,319	275,568	214,928	542,098	569,801	1,775,714
3/24/2024	168,120	342,950	229,268	557,962	467,435	1,765,735
3/25/2024	217,921	450,996	59,681	528,340	487,875	1,744,812
3/26/2024	205,659	334,690	304,383	513,550	535,445	1,893,727
3/27/2024	188,569	365,136	287,088	540,246	475,474	1,856,513
3/28/2024	211,152	323,799	358,017	565,892	501,016	1,959,875
3/29/2024	199,306	219,015	205,063	569,282	458,865	1,651,530
3/30/2024	180,321	274,752	201,172	580,279	558,869	1,795,393

<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>
3/31/2024	144,729	193,528	329,915	548,748	480,519	1,697,440
Avg	167,871	349,621	290,833	549,645	473,879	1,831,849
Min	118,896	193,528	59,681	503,476	288,441	1,603,584
Max	232,773	618,402	497,639	590,145	643,464	2,356,525
Total	5,204,015	10,838,246	9,015,815	17,039,004	14,690,248	56,787,328

DISPOSAL WELL #3 DAILY READINGS

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

March 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	
3/1/24	6:50	169,406	116	173	177	-14	-13	BJ
3/2/24	7:00	141,525	94	166	171	-14	-13	BJ
3/3/24	6:50	135,071	123	166	167	-14	-13	BJ
3/4/24	6:50	146,408	171	170	172	-13	-12	EV
3/5/24	6:50	118,896	72	172	173	-14	-11	EV/NP
3/6/24	6:50	142,410	85	160	162	-8	-4	EV/NP
3/7/24	6:50	195,591	103	158	158	-10	-7	EV
3/8/24	7:24	232,773	154	160	160	-14	-13	LV
3/9/24	6:10	188,392	161	175	168	-14	-13	LV
3/10/24	6:58	156,870	74	155	158	-14	-14	LV
3/11/24	6:54	147,069	91	160	162	-14	-13	EV/AB
3/12/24	6:50	149,675	105	152	152	-14	-13	AB
3/13/24	6:51	145,741	92	184	184	-13	-13	AB
3/14/24	6:50	162,688	105	182	184	-14	-13	EV
3/15/24	6:53	175,042	130	174	177	-14	-13	KG
3/16/24	7:06	194,880	159	170	173	-14	-13	KG
3/17/24	7:09	200,394	165	172	174	-14	-13	KG
3/18/24	6:50	151,105	127	170	175	-14	-14	LV
3/19/24	6:50	129,449	88	170	175	-14	-13	LV
3/20/24	6:50	142,452	95	153	167	-14	-13	LV
3/21/24	6:50	159,225	128	162	166	-14	-13	LV
3/22/24	6:50	129,859	76	170	170	-14	-13	NP/BR
3/23/24	7:00	173,319	119	166	168	-10	-6	NP/BR
3/24/24	7:00	168,120	140	170	171	-14	-13	NP/BR
3/25/24	7:09	217,921	149	184	187	-14	-13	KG
3/26/24	7:08	205,659	134	167	170	-13	-12	KG
3/27/24	7:09	188,569	112	164	168	-14	-13	KG
3/28/24	7:08	211,152	156	167	170	-14	-13	KG
3/29/24	7:00	199,306	97	170	171	-14	-13	EV
3/30/24	7:00	180,321	132	170	171	-14	-13	EV
3/31/24	7:07	144,729	99	160	162	-14	-13	EV
High		232,773	171	184	187	-8	-4	
Low		118,896	72	152	152	-14	-14	
Average		167,872	118	167	170	-13	-12	

DISPOSAL WELL #8 DAILY READINGS

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

March 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	
3/1/24	6:50	447,760	362	172	174	-13	-13	BJ
3/2/24	7:00	224,975	203	176	180	-13	-13	BJ
3/3/24	6:50	262,515	94	185	185	-12	-11	BJ
3/4/24	6:50	431,511	402	182	182	-13	-12	EV
3/5/24	6:50	237,233	201	167	168	-7	-5	EV/NP
3/6/24	6:50	489,427	324	170	174	-8	-5	EV/NP
3/7/24	18:50	618,402	442	170	170	-5	-3	EV
3/8/24	19:24	380,292	361	172	174	-11	-10	LV
3/9/24	18:10	341,187	288	170	173	-13	-13	LV
3/10/24	18:58	216,661	154	172	176	-10	-10	LV
3/11/24	6:54	493,454	371	180	182	-6	-5	EV/AB
3/12/24	6:50	273,501	170	176	177	-13	-11	AB
3/13/24	6:51	401,798	358	156	156	-13	-13	AB
3/14/24	6:50	413,444	97	160	162	-12	-12	EV
3/15/24	6:53	475,948	328	168	169	-11	-10	KG
3/16/24	7:06	378,032	160	170	174	-11	-9	KG
3/17/24	7:09	228,410	143	175	177	-12	-11	KG
3/18/24	6:50	308,659	163	158	159	-13	-13	LV
3/19/24	6:50	361,878	373	160	162	-13	-11	LV
3/20/24	6:50	385,610	205	168	170	-10	-7	LV
3/21/24	6:50	275,283	350	170	174	-9	-7	LV
3/22/24	6:50	411,831	294	174	176	-6	-4	NP/BR
3/23/24	7:00	275,568	187	174	175	-13	-12	NP/BR
3/24/24	7:00	342,950	373	178	180	-6	-4	NP/BR
3/25/24	7:09	450,996	275	182	184	-6	-3	KG
3/26/24	7:08	334,690	120	174	175	-9	-8	KG
3/27/24	7:09	365,136	271	164	166	-12	-12	KG
3/28/24	7:08	323,799	146	166	167	-14	-13	KG
3/29/24	7:00	219,015	239	168	170	-13	-12	EV
3/30/24	7:00	274,752	127	174	176	-13	-13	EV
3/31/24	7:07	193,528	67	155	158	-11	-11	EV
High		618,402	442	185	185	-5	-3	
Low		193,528	67	155	156	-14	-13	
Average		349,621	247	171	172	-11	-10	

DISPOSAL WELL #9 DAILY READINGS

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

March 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	
3/1/24	6:50	288,564	284	170	171	-7	-7	BJ
3/2/24	7:00	378,456	335	183	184	-12	-12	BJ
3/3/24	6:50	497,639	247	170	171	-6	-6	BJ
3/4/24	6:50	301,312	226	156	156	-5	-5	EV
3/5/24	6:50	309,392	210	162	163	-3	-2	EV/NP
3/6/24	6:50	110,831	0	165	165	0	0	EV/NP
3/7/24	6:50	404,294	330	160	160	-5	-4	EV
3/8/24	7:24	358,437	154	150	174	0	0	LV
3/9/24	6:10	392,375	260	170	173	-10	-8	LV
3/10/24	6:58	400,802	306	170	174	-5	-4	LV
3/11/24	6:54	344,633	243	170	172	-3	-3	EV/AB
3/12/24	6:50	327,708	142	166	168	-13	-12	AB
3/13/24	6:51	311,521	190	164	164	-2	-1	AB
3/14/24	6:50	180,103	197	172	172	-9	-9	EV
3/15/24	6:53	213,591	76	169	168	-5	-2	KG
3/16/24	7:06	304,410	268	174	176	-14	-13	KG
3/17/24	7:09	340,902	253	172	172	-5	-4	KG
3/18/24	6:50	297,228	158	162	163	-14	-14	LV
3/19/24	6:50	257,601	63	162	165	0	0	LV
3/20/24	6:50	202,916	122	170	167	0	0	LV
3/21/24	6:50	312,137	74	162	164	0	0	LV
3/22/24	6:50	291,450	233	182	182	-4	-4	NP/BR
3/23/24	7:00	214,928	229	166	167	-9	-9	NP/BR
3/24/24	7:00	229,268	195	177	177	-4	-3	NP/BR
3/25/24	7:09	59,681	15	176	176	0	-1	KG
3/26/24	7:08	304,383	250	160	164	-2	-1	KG
3/27/24	7:09	287,088	225	176	178	-5	-4	KG
3/28/24	7:08	358,017	259	174	175	-12	-11	KG
3/29/24	7:00	205,063	133	168	168	-12	-12	EV
3/30/24	7:00	201,172	102	170	170	-11	-11	EV
3/31/24	7:07	329,915	266	162	162	-10	-10	EV
High		497,639	335	183	184	0	0	
Low		59,681	0	150	156	-14	-14	
Average		290,833	195	168	170	-6	-6	

DISPOSAL WELL #10 DAILY READINGS

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

March 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	
3/1/24	6:50	564,135	391	175	178	-13	-13	BJ
3/2/24	7:00	570,188	393	177	178	-14	-14	BJ
3/3/24	6:50	563,304	402	178	179	-13	-13	BJ
3/4/24	6:50	551,831	394	180	180	-14	-14	EV
3/5/24	6:50	527,406	362	180	182	-5	-4	EV/NP
3/6/24	6:50	540,723	359	182	184	-10	-8	EV/NP
3/7/24	6:50	551,690	370	182	184	-4	-3	EV
3/8/24	7:24	564,427	385	170	175	-15	-13	LV
3/9/24	6:10	554,041	389	160	162	-13	-12	LV
3/10/24	6:58	550,356	368	160	162	-11	-11	LV
3/11/24	6:54	568,856	381	160	160	-8	-8	EV/AB
3/12/24	6:50	590,145	408	158	159	-13	-13	AB
3/13/24	6:51	566,465	409	158	155	-14	-14	AB
3/14/24	6:50	503,476	286	152	154	-15	-15	EV
3/15/24	6:53	519,216	352	168	168	-13	-13	KG
3/16/24	7:06	570,541	386	172	170	-13	-11	KG
3/17/24	7:09	560,637	392	168	171	-8	-8	KG
3/18/24	6:50	551,905	382	165	171	-10	-11	LV
3/19/24	6:50	553,008	361	170	172	-9	-8	LV
3/20/24	6:50	526,444	383	170	173	-7	-6	LV
3/21/24	6:50	513,894	354	170	174	-4	-3	LV
3/22/24	6:50	529,918	368	174	175	-15	-14	NP/BR
3/23/24	7:00	542,098	361	174	175	-13	-12	NP/BR
3/24/24	7:00	557,962	386	176	177	-5	-5	NP/BR
3/25/24	7:09	528,340	339	176	178	-14	-14	KG
3/26/24	7:08	513,550	342	172	174	-12	-12	KG
3/27/24	7:09	540,246	373	176	180	-9	-8	KG
3/28/24	7:08	565,892	392	180	180	-10	-9	KG
3/29/24	7:00	569,282	389	182	182	-11	-11	EV
3/30/24	7:00	580,279	397	176	180	-8	-8	EV
3/31/24	7:07	548,748	403	166	167	-9	-9	EV
High		590,145	409	182	184	-4	-3	
Low		503,476	286	152	154	-15	-15	
Average		549,645	376	171	173	-11	-10	

DISPOSAL WELL #11 DAILY READINGS

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

March 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	
3/1/24	6:50	370,900	248	180	181	-14	-14	BJ
3/2/24	7:00	288,441	251	180	182	-12	-14	BJ
3/3/24	6:50	295,099	156	165	165	-12	-14	BJ
3/4/24	6:50	534,738	354	168	170	-12	-14	EV
3/5/24	6:50	453,793	266	166	167	-12	-14	EV/NP
3/6/24	6:50	496,503	335	166	168	-8	-8	EV/NP
3/7/24	6:50	586,548	413	180	181	-12	-13	EV
3/8/24	7:24	643,464	454	175	175	-13	-14	LV
3/9/24	6:10	488,947	417	160	159	-13	-14	LV
3/10/24	6:58	301,046	137	160	165	-12	-15	LV
3/11/24	6:54	459,760	232	170	172	-13	-14	EV/AB
3/12/24	6:50	613,247	423	184	182	-13	-12	AB
3/13/24	6:51	549,468	427	170	169	-13	-13	AB
3/14/24	6:50	403,326	196	164	166	-13	-14	EV
3/15/24	6:53	423,184	329	172	170	-7	-7	KG
3/16/24	7:06	410,921	288	188	188	-11	-9	KG
3/17/24	7:09	416,553	267	174	173	-4	-3	KG
3/18/24	6:50	428,196	332	160	163	-6	-6	LV
3/19/24	6:50	495,642	357	170	169	-10	-11	LV
3/20/24	6:50	442,808	324	170	168	-7	-7	LV
3/21/24	6:50	499,363	279	170	167	-2	-3	LV
3/22/24	6:50	553,003	363	182	183	-5	-6	NP/BR
3/23/24	7:00	569,801	402	166	168	-7	-7	NP/BR
3/24/24	7:00	467,435	368	184	184	-12	-14	NP/BR
3/25/24	7:09	487,875	292	172	173	-12	-14	KG
3/26/24	7:08	535,445	381	168	167	-8	-7	KG
3/27/24	7:09	475,474	325	170	171	-5	-4	KG
3/28/24	7:08	501,016	325	170	178	-6	-5	KG
3/29/24	7:00	458,865	207	170	170	-13	-15	EV
3/30/24	7:00	558,869	382	170	169	-12	-15	EV
3/31/24	7:07	480,519	313	170	168	-10	-10	EV
High		643,464	454	188	188	-2	-3	
Low		288,441	137	160	159	-14	-15	
Average		473,879	318	171	172	-10	-11	

ANNULUS OIL REPORT

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

Annulus Oil Additions

Date	DW #	Gallons Added
3/21/2024	9	10

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

Sampling Period:

2/26/2024 to
3/3/2024

<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>>=4.0</i>	<i>Monitor</i>	<i>Monitor</i>	<i>Monitor</i>	<i>Monitor</i>
DICHLORODIFLUOROMETHANE	ug/L	< 200	< 400	< 400	< 20	< 100
CHLOROMETHANE	ug/L	24400	94300	135000	4660	11900
VINYL CHLORIDE	ug/L	< 200	< 400	< 400	< 20	< 100
BROMOMETHANE	ug/L	956	3170	3860	195	524
CHLOROETHANE	ug/L	< 200	< 400	< 400	< 20	< 100
TRICHLOROFLUOROMETHANE	ug/L	< 200	< 400	< 400	30.4	< 100
1,1-DICHLOROETHENE	ug/L	< 200	< 400	< 400	< 20	< 100
METHYLENE CHLORIDE	ug/L	< 2000	< 4000	< 4000	275	< 1000
TRANS-1,2-DICHLOROETHYLENE	ug/L	< 200	< 400	< 400	< 20	< 100
1,1-DICHLOROETHANE	ug/L	< 200	< 400	< 400	< 20	< 100
CIS-1,2-DICHLOROETHYLENE	ug/L	< 200	< 400	< 400	23	< 100
CHLOROFORM	ug/L	< 200	< 400	2090	2930	< 100
1,1,1-TRICHLOROETHANE	ug/L	< 200	< 400	< 400	< 20	< 100
CARBON TETRACHLORIDE	ug/L	< 200	< 400	880	3800	< 100
BENZENE	ug/L	< 200	< 400	< 400	25.6	< 100
1,2-DICHLOROETHANE	ug/L	< 200	< 400	< 400	98	< 100
TRICHLOROETHYLENE	ug/L	< 200	< 400	< 400	258	< 100
1,2-DICHLOROPROPANE	ug/L	< 200	< 400	< 400	267	< 100
BROMODICHLOROMETHANE	ug/L	222	< 400	< 400	< 20	164
TRANS-1,3-DICHLOROPROPENE	ug/L	< 200	< 400	< 400	< 20	< 100
CIS-1,3-DICHLOROPROPENE	ug/L	< 200	< 400	< 400	< 20	< 100
1,1,2-TRICHLOROETHANE	ug/L	< 200	< 400	< 400	< 20	< 100
TETRACHLOROETHYLENE	ug/L	< 200	< 400	580	3260	< 100
DIBROMOCHLOROMETHANE	ug/L	< 200	< 400	< 400	< 20	< 100
CHLOROBENZENE	ug/L	< 200	< 400	< 400	< 20	< 100
BROMOFORM	ug/L	< 200	< 400	< 400	< 20	< 100
1,1,2,2-TETRACHLOROETHANE	ug/L	< 200	< 400	< 400	< 20	< 100
PHENOL	ug/L	< 5.56	< 5	< 5	< 5	< 5
ORTHO-CHLOROPHENOL	ug/L	< 5.56	< 5	< 5	< 5	< 5
2,4-DICHLOROPHENOL	ug/L	< 5.56	< 5	< 5	5.03	< 5
PARA-CHLOROPHENOL	ug/L	< 5.56	< 5	< 5	< 5	< 5
2,6-DICHLOROPHENOL	ug/L	< 5.56	< 5	< 5	< 5	< 5
2,4,6-TRICHLOROPHENOL	ug/L	< 5.56	< 5	< 5	6.05	< 5
2,4,5-TRICHLOROPHENOL	ug/L	< 5.56	< 5	< 5	< 5	< 5
2,3,4-TRICHLOROPHENOL	ug/L	< 5.56	< 5	< 5	< 5	< 5
3,4-DICHLOROPHENOL	ug/L	< 5.56	< 5	< 5	< 5	< 5
2,3,5,6-TETRACHLOROPHENOL	ug/L	< 5.56	< 5	< 5	< 5	< 5
2,3,4,6-TETRACHLOROPHENOL	ug/L	< 5.56	< 5	< 5	< 5	< 5
3,4,5-TRICHLOROPHENOL	ug/L	< 5.56	< 5	< 5	< 5	< 5
PENTACHLOROPHENOL	ug/L	< 5.56	< 5	< 5	26.8	< 5
HEXACHLOROETHANE	ug/L	< 10	< 10	< 10	27.5	< 10
HEXACHLOROBUTADIENE	ug/L	< 10	< 10	< 10	21.2	< 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	1.15	< 0.351	< 0.351	< 0.351	< 0.351
TOTAL CHROMIUM	mg/L	< 0.207	< 0.1	< 0.1	< 0.1	< 0.1

Parameter
pH Permit Limit:

		<i>DW #3</i> <i>>=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	9.09	11.4	12.6	< 2	11.8
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Pace Analytical Services, Inc.
Kansas Laboratory Certification No. E-10116
Oxychem Disposal Well Analysis

Sampling Period:

3/4/2024 to
3/10/2024

Parameter		DW #3	DW #8	DW #9	DW #10	DW #11
pH Permit Limit:		>=4.0	Monitor	Monitor	Monitor	Monitor
DICHLORODIFLUOROMETHANE	ug/L	< 20	< 400	< 400	< 20	< 1
CHLOROMETHANE	ug/L	405	108000	259000	< 20	61
VINYL CHLORIDE	ug/L	< 20	< 400	< 400	< 20	< 1
BROMOMETHANE	ug/L	< 40	1480	4560	< 40	< 2
CHLOROETHANE	ug/L	< 20	< 400	< 400	< 20	< 1
TRICHLOROFLUOROMETHANE	ug/L	< 20	< 400	< 400	28.2	< 1
1,1-DICHLOROETHENE	ug/L	< 20	< 400	< 400	< 20	< 1
METHYLENE CHLORIDE	ug/L	< 200	< 4000	7660	240	12.9
TRANS-1,2-DICHLOROETHYLENE	ug/L	< 20	< 400	< 400	< 20	< 1
1,1-DICHLOROETHANE	ug/L	< 20	< 400	< 400	< 20	< 1
CIS-1,2-DICHLOROETHYLENE	ug/L	< 20	< 400	< 400	< 20	< 1
CHLOROFORM	ug/L	4140	< 400	3150	3260	269
1,1,1-TRICHLOROETHANE	ug/L	< 20	< 400	< 400	< 20	< 1
CARBON TETRACHLORIDE	ug/L	< 20	< 400	1540	4140	< 1
BENZENE	ug/L	< 20	< 400	< 400	26.6	< 1
1,2-DICHLOROETHANE	ug/L	< 20	< 400	< 400	106	< 1
TRICHLOROETHYLENE	ug/L	< 20	< 400	< 400	257	< 1
1,2-DICHLOROPROPANE	ug/L	< 20	< 400	< 400	276	< 1
BROMODICHLOROMETHANE	ug/L	219	< 400	< 400	94.2	56.9
TRANS-1,3-DICHLOROPROPENE	ug/L	< 20	< 400	< 400	< 20	< 1
CIS-1,3-DICHLOROPROPENE	ug/L	< 20	< 400	< 400	< 20	< 1
1,1,2-TRICHLOROETHANE	ug/L	< 20	< 400	< 400	< 20	< 1
TETRACHLOROETHYLENE	ug/L	< 20	< 400	724	3070	< 1
DIBROMOCHLOROMETHANE	ug/L	322	< 400	< 400	133	99.2
CHLOROBENZENE	ug/L	< 20	< 400	< 400	< 20	< 1
BROMOFORM	ug/L	367	< 400	< 400	97.2	427
1,1,2,2-TETRACHLOROETHANE	ug/L	< 20	< 400	< 400	< 20	< 1
PHENOL	ug/L	< 2.5	< 2.5	< 5	< 5	< 5
ORTHO-CHLOROPHENOL	ug/L	< 2.5	< 2.5	< 5	< 5	< 5
2,4-DICHLOROPHENOL	ug/L	< 2.5	< 2.5	< 5	< 5	< 5
PARA-CHLOROPHENOL	ug/L	< 2.5	< 2.5	< 5	< 5	< 5
2,6-DICHLOROPHENOL	ug/L	< 2.5	< 2.5	< 5	< 5	< 5
2,4,6-TRICHLOROPHENOL	ug/L	< 2.5	< 2.5	< 5	5.98	< 5
2,4,5-TRICHLOROPHENOL	ug/L	< 2.5	< 2.5	< 5	< 5	< 5
2,3,4-TRICHLOROPHENOL	ug/L	< 2.5	< 2.5	< 5	< 5	< 5
3,4-DICHLOROPHENOL	ug/L	< 2.5	< 2.5	< 5	< 5	< 5
2,3,5,6-TETRACHLOROPHENOL	ug/L	< 2.5	< 2.5	< 5	< 5	< 5
2,3,4,6-TETRACHLOROPHENOL	ug/L	< 2.5	< 2.5	< 5	< 5	< 5
3,4,5-TRICHLOROPHENOL	ug/L	< 2.5	< 2.5	< 5	< 5	< 5
PENTACHLOROPHENOL	ug/L	< 2.5	< 2.5	< 5	26.2	< 5
HEXACHLOROETHANE	ug/L	< 10	< 10	25	43.3	< 10
HEXACHLOROBUTADIENE	ug/L	< 10	< 10	13.7	36.9	< 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	< 0.704	< 0.35	< 0.35	< 0.351	< 0.353
TOTAL CHROMIUM	mg/L	< 0.201	< 0.1	< 0.1	< 0.1	< 0.101

Parameter
pH Permit Limit:

		<i>DW #3</i> <i>>=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	9.9	10.2	< 2	4.84	12.7
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Pace Analytical Services, Inc.
Kansas Laboratory Certification No. E-10116
Oxychem Disposal Well Analysis

Sampling Period:

3/11/2024 to
3/17/2024

Parameter		DW #3	DW #8	DW #9	DW #10	DW #11
pH Permit Limit:		>=4.0	Monitor	Monitor	Monitor	Monitor
DICHLORODIFLUOROMETHANE	ug/L	< 100	< 400	< 200	< 20	< 50
CHLOROMETHANE	ug/L	15400	79500	204000	11100	8600
VINYL CHLORIDE	ug/L	< 100	< 400	< 200	< 20	< 50
BROMOMETHANE	ug/L	< 200	< 800	2390	160	132
CHLOROETHANE	ug/L	< 100	< 400	< 200	< 20	< 50
TRICHLOROFLUOROMETHANE	ug/L	< 100	< 400	< 200	29.6	< 50
1,1-DICHLOROETHENE	ug/L	< 100	< 400	< 200	< 20	< 50
METHYLENE CHLORIDE	ug/L	< 1000	< 4000	2010	444	< 500
TRANS-1,2-DICHLOROETHYLENE	ug/L	< 100	< 400	< 200	< 20	< 50
1,1-DICHLOROETHANE	ug/L	< 100	< 400	< 200	< 20	< 50
CIS-1,2-DICHLOROETHYLENE	ug/L	< 100	< 400	< 200	< 20	< 50
CHLOROFORM	ug/L	< 100	5570	6210	3780	< 50
1,1,1-TRICHLOROETHANE	ug/L	< 100	< 400	< 200	35.6	< 50
CARBON TETRACHLORIDE	ug/L	< 100	< 400	1080	4370	< 50
BENZENE	ug/L	< 100	< 400	< 200	< 20	< 50
1,2-DICHLOROETHANE	ug/L	< 100	< 400	< 200	123	< 50
TRICHLOROETHYLENE	ug/L	< 100	< 400	< 200	235	< 50
1,2-DICHLOROPROPANE	ug/L	< 100	< 400	< 200	311	< 50
BROMODICHLOROMETHANE	ug/L	144	< 400	< 200	33.6	59
TRANS-1,3-DICHLOROPROPENE	ug/L	< 100	< 400	< 200	< 20	< 50
CIS-1,3-DICHLOROPROPENE	ug/L	< 100	< 400	< 200	< 20	< 50
1,1,2-TRICHLOROETHANE	ug/L	< 100	< 400	< 200	< 20	< 50
TETRACHLOROETHYLENE	ug/L	< 100	< 400	624	2990	< 50
DIBROMOCHLOROMETHANE	ug/L	224	< 400	< 200	29.2	85
CHLOROBENZENE	ug/L	< 100	< 400	< 200	30	< 50
BROMOFORM	ug/L	210	< 400	< 200	31	120
1,1,2,2-TETRACHLOROETHANE	ug/L	< 100	< 400	< 200	< 20	< 50
PHENOL	ug/L	< 5.88	< 5	< 5	< 5	< 5
ORTHO-CHLOROPHENOL	ug/L	< 5.88	< 5	< 5	< 5	< 5
2,4-DICHLOROPHENOL	ug/L	< 5.88	< 5	< 5	6.46	< 5
PARA-CHLOROPHENOL	ug/L	< 5.88	< 5	< 5	< 5	< 5
2,6-DICHLOROPHENOL	ug/L	< 5.88	< 5	< 5	< 5	< 5
2,4,6-TRICHLOROPHENOL	ug/L	< 5.88	< 5	< 5	5.52	< 5
2,4,5-TRICHLOROPHENOL	ug/L	< 5.88	< 5	< 5	< 5	< 5
2,3,4-TRICHLOROPHENOL	ug/L	< 5.88	< 5	< 5	< 5	< 5
3,4-DICHLOROPHENOL	ug/L	< 5.88	< 5	< 5	< 5	< 5
2,3,5,6-TETRACHLOROPHENOL	ug/L	< 5.88	< 5	< 5	< 5	< 5
2,3,4,6-TETRACHLOROPHENOL	ug/L	< 5.88	< 5	< 5	< 5	< 5
3,4,5-TRICHLOROPHENOL	ug/L	< 5.88	< 5	< 5	< 5	< 5
PENTACHLOROPHENOL	ug/L	< 5.88	< 5	< 5	26.2	< 5
HEXACHLOROETHANE	ug/L	< 10	< 10	26	46.8	< 10
HEXACHLOROBUTADIENE	ug/L	< 10	< 10	18.7	36.7	< 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	< 0.714	< 0.35	< 0.351	< 0.351	< 0.351
TOTAL CHROMIUM	mg/L	< 0.204	< 0.1	< 0.1	< 0.1	< 0.1

Parameter
pH Permit Limit:

		<i>DW #3</i> <i>>=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	9.51	11.7	< 2	< 2	11.1
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Pace Analytical Services, Inc.
Kansas Laboratory Certification No. E-10116
Oxychem Disposal Well Analysis

Sampling Period:

3/18/2024 to
3/24/2024

Parameter		DW #3	DW #8	DW #9	DW #10	DW #11
pH Permit Limit:		>=4.0	Monitor	Monitor	Monitor	Monitor
DICHLORODIFLUOROMETHANE	ug/L	< 200	< 1000	< 2000	< 40	< 50
CHLOROMETHANE	ug/L	28800	109000	221000	6530	10300
VINYL CHLORIDE	ug/L	< 200	< 1000	< 2000	< 40	< 50
BROMOMETHANE	ug/L	1050	< 2000	< 4000	263	368
CHLOROETHANE	ug/L	< 200	< 1000	< 2000	< 40	< 50
TRICHLOROFLUOROMETHANE	ug/L	< 200	< 1000	< 2000	< 40	< 50
1,1-DICHLOROETHENE	ug/L	< 200	< 1000	< 2000	< 40	< 50
METHYLENE CHLORIDE	ug/L	< 2000	< 10000	< 20000	405	< 500
TRANS-1,2-DICHLOROETHYLENE	ug/L	< 200	< 1000	< 2000	< 40	< 50
1,1-DICHLOROETHANE	ug/L	< 200	< 1000	< 2000	< 40	< 50
CIS-1,2-DICHLOROETHYLENE	ug/L	< 200	< 1000	< 2000	< 40	< 50
CHLOROFORM	ug/L	< 200	< 1000	< 2000	3250	< 50
1,1,1-TRICHLOROETHANE	ug/L	< 200	< 1000	< 2000	< 40	< 50
CARBON TETRACHLORIDE	ug/L	< 200	< 1000	< 2000	4410	< 50
BENZENE	ug/L	< 200	< 1000	< 2000	< 40	< 50
1,2-DICHLOROETHANE	ug/L	< 200	< 1000	< 2000	115	< 50
TRICHLOROETHYLENE	ug/L	< 200	< 1000	< 2000	254	< 50
1,2-DICHLOROPROPANE	ug/L	< 200	< 1000	< 2000	306	< 50
BROMODICHLOROMETHANE	ug/L	< 200	< 1000	< 2000	< 40	< 50
TRANS-1,3-DICHLOROPROPENE	ug/L	< 200	< 1000	< 2000	< 40	< 50
CIS-1,3-DICHLOROPROPENE	ug/L	< 200	< 1000	< 2000	< 40	< 50
1,1,2-TRICHLOROETHANE	ug/L	< 200	< 1000	< 2000	< 40	< 50
TETRACHLOROETHYLENE	ug/L	< 200	< 1000	< 2000	3130	< 50
DIBROMOCHLOROMETHANE	ug/L	< 200	< 1000	< 2000	< 40	< 50
CHLOROBENZENE	ug/L	< 200	< 1000	< 2000	< 40	< 50
BROMOFORM	ug/L	344	< 1000	< 2000	59.2	112
1,1,2,2-TETRACHLOROETHANE	ug/L	< 200	< 1000	< 2000	< 40	< 50
PHENOL	ug/L	< 1.2	< 2.3	< 1.2	< 1.2	< 1.2
ORTHO-CHLOROPHENOL	ug/L	< 1.2	< 2.3	< 1.2	< 1.2	< 1.2
2,4-DICHLOROPHENOL	ug/L	< 1.2	< 2.3	< 1.2	6.7	< 1.2
PARA-CHLOROPHENOL	ug/L	< 1.2	< 2.3	< 1.2	< 1.2	< 1.2
2,6-DICHLOROPHENOL	ug/L	< 1.2	< 2.3	< 1.2	< 1.2	< 1.2
2,4,6-TRICHLOROPHENOL	ug/L	< 1.2	< 2.3	< 1.2	6.7	< 1.2
2,4,5-TRICHLOROPHENOL	ug/L	< 1.2	< 2.3	< 1.2	< 1.2	< 1.2
2,3,4-TRICHLOROPHENOL	ug/L	< 1.2	< 2.3	< 1.2	< 1.2	< 1.2
3,4-DICHLOROPHENOL	ug/L	< 1.2	< 2.3	< 1.2	< 1.2	< 1.2
2,3,5,6-TETRACHLOROPHENOL	ug/L	< 1.2	< 2.3	< 1.2	< 1.2	< 1.2
2,3,4,6-TETRACHLOROPHENOL	ug/L	< 1.2	< 2.3	< 1.2	5	< 1.2
3,4,5-TRICHLOROPHENOL	ug/L	< 1.2	< 2.3	< 1.2	< 1.2	< 1.2
PENTACHLOROPHENOL	ug/L	< 1.2	< 2.3	< 1.2	31.2	< 1.2
HEXACHLOROETHANE	ug/L	< 1	13.6	< 1	31	< 1
HEXACHLOROBUTADIENE	ug/L	< 10	< 10	< 10	31.8	< 1
HEXACHLOROENZENE	ug/L	< 10	< 10	< 10	< 10	< 1
A-HEXACHLOROCYCLOHEXANE	ug/L	< 10	< 10	< 10	< 10	< 1
G-HEXACHLOROCYCLOHEXANE	ug/L	< 10	< 10	< 10	< 10	< 1
B-HEXACHLOROCYCLOHEXANE	ug/L	< 10	< 10	< 10	< 10	< 1
D-HEXACHLOROCYCLOHEXANE	ug/L	< 10	< 10	< 10	< 10	< 1
ANTIMONY	mg/L	< 0.525	< 0.26	< 0.26	< 0.261	< 0.261
TOTAL CHROMIUM	mg/L	< 0.061	< 0.03	0.139	< 0.03	0.1

<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>>=4.0</i>	<i>Monitor</i>	<i>Monitor</i>	<i>Monitor</i>	<i>Monitor</i>
PH	SU	9.73	7.85	6.03	11.9	12.1

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

Sampling Period:

3/25/2024 to
3/31/2024

Parameter		DW #3	DW #8	DW #9	DW #10	DW #11
pH Permit Limit:		>=4.0	Monitor	Monitor	Monitor	Monitor
DICHLORODIFLUOROMETHANE	ug/L	< 200	< 400	< 400	< 40	< 50
CHLOROMETHANE	ug/L	22500	37900	179000	8570	9310
VINYL CHLORIDE	ug/L	< 200	< 400	< 400	< 40	< 50
BROMOMETHANE	ug/L	910	1630	8040	242	285
CHLOROETHANE	ug/L	< 200	< 400	< 400	< 40	< 50
TRICHLOROFLUOROMETHANE	ug/L	< 200	< 400	< 400	< 40	< 50
1,1-DICHLOROETHENE	ug/L	< 200	< 400	< 400	< 40	< 50
METHYLENE CHLORIDE	ug/L	< 2000	< 4000	35500	485	< 500
TRANS-1,2-DICHLOROETHYLENE	ug/L	< 200	< 400	< 400	< 40	< 50
1,1-DICHLOROETHANE	ug/L	< 200	< 400	< 400	< 40	< 50
CIS-1,2-DICHLOROETHYLENE	ug/L	< 200	< 400	< 400	< 40	< 50
CHLOROFORM	ug/L	< 200	< 400	3520	3620	< 50
1,1,1-TRICHLOROETHANE	ug/L	< 200	< 400	< 400	< 40	< 50
CARBON TETRACHLORIDE	ug/L	< 200	1080	9200	5020	< 50
BENZENE	ug/L	< 200	< 400	< 400	40.4	< 50
1,2-DICHLOROETHANE	ug/L	< 200	< 400	< 400	111	< 50
TRICHLOROETHYLENE	ug/L	< 200	< 400	< 400	316	< 50
1,2-DICHLOROPROPANE	ug/L	< 200	< 400	< 400	368	< 50
BROMODICHLOROMETHANE	ug/L	< 200	< 400	< 400	40.4	< 50
TRANS-1,3-DICHLOROPROPENE	ug/L	< 200	< 400	< 400	< 40	< 50
CIS-1,3-DICHLOROPROPENE	ug/L	< 200	< 400	< 400	< 40	< 50
1,1,2-TRICHLOROETHANE	ug/L	< 200	< 400	< 400	< 40	< 50
TETRACHLOROETHYLENE	ug/L	< 200	< 400	< 400	3920	< 50
DIBROMOCHLOROMETHANE	ug/L	< 200	< 400	< 400	115	< 50
CHLOROBENZENE	ug/L	< 200	< 400	< 400	< 40	< 50
BROMOFORM	ug/L	< 200	< 400	< 400	157	< 50
1,1,2,2-TETRACHLOROETHANE	ug/L	< 200	< 400	< 400	< 40	< 50
PHENOL	ug/L	NA	< 2.3	< 1.2	< 1.2	< 1.2
ORTHO-CHLOROPHENOL	ug/L	NA	< 2.3	< 1.2	< 1.2	< 1.2
2,4-DICHLOROPHENOL	ug/L	NA	< 2.3	< 1.2	5.7	< 1.2
PARA-CHLOROPHENOL	ug/L	NA	< 2.3	< 1.2	< 1.2	< 1.2
2,6-DICHLOROPHENOL	ug/L	NA	< 2.3	< 1.2	< 1.2	< 1.2
2,4,6-TRICHLOROPHENOL	ug/L	NA	< 2.3	< 1.2	8	< 1.2
2,4,5-TRICHLOROPHENOL	ug/L	NA	< 2.3	< 1.2	< 1.2	< 1.2
2,3,4-TRICHLOROPHENOL	ug/L	NA	< 2.3	< 1.2	< 1.2	< 1.2
3,4-DICHLOROPHENOL	ug/L	NA	< 2.3	< 1.2	< 1.2	< 1.2
2,3,5,6-TETRACHLOROPHENOL	ug/L	NA	< 2.3	< 1.2	< 1.2	< 1.2
2,3,4,6-TETRACHLOROPHENOL	ug/L	NA	< 2.3	< 1.2	6.3	< 1.2
3,4,5-TRICHLOROPHENOL	ug/L	NA	< 2.3	< 1.2	< 1.2	< 1.2
PENTACHLOROPHENOL	ug/L	NA	7.7	< 1.2	36.2	< 1.2
HEXACHLOROETHANE	ug/L	< 10	< 10	11.2	40.1	< 10
HEXACHLOROBUTADIENE	ug/L	< 10	< 10	< 10	32.4	< 10
HEXACHLOROBENZENE	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	< 0.525	< 0.261	< 0.26	< 0.261	< 0.261
TOTAL CHROMIUM	mg/L	< 0.061	1.52	0.812	< 0.03	< 0.03

Parameter
pH Permit Limit:

DW #3 *DW #8* *DW #9* *DW #10* *DW #11*
>=4.0 *Monitor* *Monitor* *Monitor* *Monitor*

PH	SU	9.68	< 2	< 2	2.14	11.4
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Specific Gravity Weighted Average

			<i>Avg Flow</i>	<i>Avg SPG</i>	<i>LBS</i>
DW #3	1/1/2024	1/7/2024	98.6	1.096	9084772
DW #8			259.2	1.031	22465715
DW #9			228.9	1.01	19435412
<i>Total</i>			586.7		50985899
DW #3	1/8/2024	1/14/2024	99.9	1.1	9238145
DW #8			293	1.04	25616957
DW #9			282.7	1.05	24954087
<i>Total</i>			675.6		59809189
DW #3	1/15/2024	1/21/2024	124.5	1.08	11303676
DW #8			298.1	1.04	26062850
DW #9			270.8	1.03	23448360
<i>Total</i>			693.4		60814885
DW #3	1/22/2024	1/28/2024	113.2	1.073	10211105
DW #8			365.3	1.046	32122397
DW #9			266.2	1.037	23206700
<i>Total</i>			744.7		65540201
DW #3	1/29/2024	2/4/2024	136.1	1.074	12288220
DW #8			254.3	1.022	21848611
DW #9			231.2	1.031	20038863
<i>Total</i>			621.6		54175695
DW #3	2/5/2024	2/11/2024	125.3	1.057	11134037
DW #8			208.9	1.023	17965556
DW #9			242.3	1.03	20980567
<i>Total</i>			576.5		50080159
DW #3	2/12/2024	2/18/2024	103.3	1.079	9370189
DW #8			285.6	1.041	24993986
DW #9			193.5	1.033	16803814
<i>Total</i>			582.4		51167989
DW #3	2/19/2024	2/25/2024	103.5	1.078	9379630
DW #8			346.5	1.047	30498361
DW #9			225.6	1.042	19762114
<i>Total</i>			675.6		59640105
DW #3	2/26/2024	3/3/2024	106.7	1.096	9831087
DW #8			249.3	1.037	21733397
DW #9			258	1.031	22361707
<i>Total</i>			614		53926192
DW #3	3/4/2024	3/10/2024	117.1	1.088	10710565
DW #8			269.3	1.037	23476951
DW #9			225.9	1.025	19465550
<i>Total</i>			612.3		53653066

			<i>Avg Flow</i>	<i>Avg SPG</i>	<i>LBS</i>
DW #3	3/11/2024	3/17/2024	116.6	1.106	10841272
DW #8			264.3	1.02	22663340
DW #9			200.6	1.015	17116839
<i>Total</i>			581.5		50621451
DW #3	3/18/2024	3/24/2024	104.5	1.082	9505394
DW #8			234.3	1.048	20642398
DW #9			179.1	1.041	15673749
<i>Total</i>			517.9		45821542
DW #3	3/25/2024	3/31/2024	133.6	1.092	12264665
DW #8			214.4	1.028	18528680
DW #9			173.1	1.026	14930385
<i>Total</i>			521.1		45723730
<i>Average of Weekly Totals</i>			615.6	<i>Sum of All LBS</i>	701960103
				<i>Weighted SPG</i>	1.0433

Specific Gravity Weighted Average (Range 1.01 - 1.08)

			<i>Avg Flow</i>	<i>Avg SPG</i>	<i>LBS</i>		
DW #10	1/1/2024	1/7/2024	273.1	1.0140	23280175		
DW #10	1/8/2024	1/14/2024	327.7	1.0200	28099798		
DW #10	1/15/2024	1/21/2024	336.1	1.0200	28820086		
DW #10	1/22/2024	1/28/2024	305.1	1.0160	26059285		
DW #10	1/29/2024	2/4/2024	335.6	1.0090	28466869		
DW #10	2/5/2024	2/11/2024	350.9	1.0640	31387128		
DW #10	2/12/2024	2/18/2024	357.5	1.0170	30564942		
DW #10	2/19/2024	2/25/2024	283.9	1.0070	24033745		
DW #10	2/26/2024	3/3/2024	321.6	1.0110	27333408		
DW #10	3/4/2024	3/10/2024	380.9	1.0220	32725663		
DW #10	3/11/2024	3/17/2024	384.8	0.9882	31967340		
DW #10	3/18/2024	3/24/2024	374.5	1.0160	31986897		
DW #10	3/25/2024	3/31/2024	381.5	1.0100	32392353		
			<i>Avg Flow</i>	<i>Sum LBS</i>	<i>Weighted SPG</i>	1.0165	
			339.5	377117688			

Specific Gravity Weighted Average (Range 1.01 - 1.08)

			<i>Avg Flow</i>	<i>Avg SPG</i>	<i>LBS</i>		
DW #11	1/1/2024	1/7/2024	254.6	1.0160	21745965		
DW #11	1/8/2024	1/14/2024	334.7	1.0300	28981411		
DW #11	1/15/2024	1/21/2024	279.8	1.0400	24462883		
DW #11	1/22/2024	1/28/2024	398.7	1.0390	34824779		
DW #11	1/29/2024	2/4/2024	382.2	1.0870	34925836		
DW #11	2/5/2024	2/11/2024	361.2	1.0360	31458215		
DW #11	2/12/2024	2/18/2024	259.9	1.0400	22723028		
DW #11	2/19/2024	2/25/2024	241.9	1.0470	21291641		
DW #11	2/26/2024	3/3/2024	268.7	1.0350	23379467		
DW #11	3/4/2024	3/10/2024	347.7	1.0410	30428602		
DW #11	3/11/2024	3/17/2024	325	1.0130	27677024		
DW #11	3/18/2024	3/24/2024	342.8	1.0470	30172693		
DW #11	3/25/2024	3/31/2024	347	1.0270	29958944		
			<i>Avg Flow</i>	<i>Sum LBS</i>	<i>Weighted SPG</i>		1.0391
			318.8	362030487			

Specific Gravity Weighted Average

			<i>Avg Flow</i>	<i>Avg SPG</i>	<i>LBS</i>
DW #3	1/1/2024	1/7/2024	98.6	1.096	9084772
DW #8			259.2	1.031	22465715
DW #9			228.9	1.01	19435412
DW #10			273.1	1.014	23280175
DW #11			254.6	1.016	21745965
<i>Total</i>			1114.4		96012039
DW #3	1/8/2024	1/14/2024	99.9	1.1	9238145
DW #8			293	1.04	25616957
DW #9			282.7	1.05	24954087
DW #10			327.7	1.02	28099798
DW #11			334.7	1.03	28981411
<i>Total</i>			1338		116890398
DW #3	1/15/2024	1/21/2024	124.5	1.08	11303676
DW #8			298.1	1.04	26062850
DW #9			270.8	1.03	23448360
DW #10			336.1	1.02	28820086
DW #11			279.8	1.04	24462883
<i>Total</i>			1309.3		114097853
DW #3	1/22/2024	1/28/2024	113.2	1.073	10211105
DW #8			365.3	1.046	32122397
DW #9			266.2	1.037	23206700
DW #10			305.1	1.016	26059285
DW #11			398.7	1.039	34824779
<i>Total</i>			1448.5		126424265
DW #3	1/29/2024	2/4/2024	136.1	1.074	12288220
DW #8			254.3	1.022	21848611
DW #9			231.2	1.031	20038863
DW #10			335.6	1.009	28466869
DW #11			382.2	1.087	34925836
<i>Total</i>			1339.4		117568400
DW #3	2/5/2024	2/11/2024	125.3	1.057	11134037
DW #8			208.9	1.023	17965556
DW #9			242.3	1.03	20980567
DW #10			350.9	1.064	31387128
DW #11			361.2	1.036	31458215
<i>Total</i>			1288.6		112925503

			<i>Avg Flow</i>	<i>Avg SPG</i>	<i>LBS</i>
DW #3	2/12/2024	2/18/2024	103.3	1.079	9370189
DW #8			285.6	1.041	24993986
DW #9			193.5	1.033	16803814
DW #10			357.5	1.017	30564942
DW #11			259.9	1.04	22723028
<i>Total</i>			1199.8		104455959
DW #3	2/19/2024	2/25/2024	103.5	1.078	9379630
DW #8			346.5	1.047	30498361
DW #9			225.6	1.042	19762114
DW #10			283.9	1.007	24033745
DW #11			241.9	1.047	21291641
<i>Total</i>			1201.4		104965490
DW #3	2/26/2024	3/3/2024	106.7	1.096	9831087
DW #8			249.3	1.037	21733397
DW #9			258	1.031	22361707
DW #10			321.6	1.011	27333408
DW #11			268.7	1.035	23379467
<i>Total</i>			1204.3		104639066
DW #3	3/4/2024	3/10/2024	117.1	1.088	10710565
DW #8			269.3	1.037	23476951
DW #9			225.9	1.025	19465550
DW #10			380.9	1.022	32725663
DW #11			347.7	1.041	30428602
<i>Total</i>			1340.9		116807331
DW #3	3/11/2024	3/17/2024	116.6	1.106	10841272
DW #8			264.3	1.02	22663340
DW #9			200.6	1.015	17116839
DW #10			384.8	0.9882	31967340
DW #11			325	1.013	27677024
<i>Total</i>			1291.3		110265815
DW #3	3/18/2024	3/24/2024	104.5	1.082	9505394
DW #8			234.3	1.048	20642398
DW #9			179.1	1.041	15673749
DW #10			374.5	1.016	31986897
DW #11			342.8	1.047	30172693
<i>Total</i>			1235.2		107981132
DW #3	3/25/2024	3/31/2024	133.6	1.092	12264665
DW #8			214.4	1.028	18528680
DW #9			173.1	1.026	14930385
DW #10			381.5	1.01	32392353
DW #11			347	1.027	29958944
<i>Total</i>			1249.6		108075027

<i>Avg Flow</i>	<i>Avg SPG</i>	<i>LBS</i>			
<i>Average of Weekly Totals</i>	1273.9	<i>Sum of All LBS</i>	1441108278	<i>Weighted SPG</i>	1.0351
