

**OOO TCW Acute WET Testing Data May 2023 - April 2025<sup>7</sup>**

Discharge Depth to Seafloor (m) <sup>1</sup>	Pipe Diameter (inch) <sup>1</sup>	Total Volume Discharged (bbls) <sup>1,2</sup>	Duration of Discharge (minutes) <sup>1,2</sup>	Duration of Discharge (hours) <sup>1,2</sup>	Discharge Rate (bbl/day)		Appendix D, Table 1 - Critical Dilution <sup>4,5</sup>		Acute 48-H Whole Effluent Toxicity (WET) <sup>4</sup>	
					Actual Vol (discharged in 24 hrs) <sup>1,2,3</sup>	Extrapolated (over 24 hrs) <sup>1,2,3</sup>	Based on Actual Volume	Based on Extrapolated Rate (51726)	<i>M. beryllina</i>	<i>A. bahia</i>
									NOEC (TOM6J) <sup>6</sup>	NOEC (TOM3E) <sup>6</sup>
85	>0 - 5	31	600	10.00	0-500	0-500	0.08	0.08	0.32	0.16
84	>0 - 5	135	368	6.13	0-500	501 - 1,000	0.08	0.11	0.44	0.44
> 19	>7 - 9	450	75	1.25	0-500	501 - 1,000	0.05	0.20	0.1	0.05
>19	>11 - 15	430	27	0.45	0-500	20,001 - 25,000	0.03	0.48	1.92	1.92
>19	>11 - 15	250	10	0.17	0-500	35,001 - 50,000	0.03	0.65	2.60	1.30
>19	>11 - 15	168	8	0.13	0-500	25,001 - 35,000	0.03	0.56	2.24	2.24
> 19	>7 - 9	959	54	0.90	501 - 1,000	25,001 - 35,000	0.10	0.55	0.14	0.14
> 12	>15	332	87	1.45	0-500	5,001 - 6,000	0.03	0.31	0.08	0.08
> 19	>5 - 7	650	60	1.00	501 - 1,000	15,001 - 20,000	0.13	0.44	1.76	0.44
> 19	>0 - 5	184	30	0.50	0-500	8,001 - 9,000	0.08	0.20	0.4	0.2
> 19	>7 - 9	178	30	0.50	0-500	8,001 - 9,000	0.05	0.20	0.4	0.1
> 12	>5 - 7	110	50	0.83	0-500	3,001 - 4,000	0.07	0.19	0.76	0.76
> 12	>15	95	120	2.00	0-500	1,001 - 2,000	0.03	0.10	0.4	0.4
> 12	>5 - 7	85	30	0.50	0-500	4,001 - 5,000	0.07	0.21	0.84	0.84
> 12	>5 - 7	23	10	0.17	0-500	3,001 - 4,000	0.07	0.19	0.19	0.05
> 12	>5 - 7	160	35	0.58	0-500	6,001 - 7,000	0.07	0.24	0.96	0.96
805	>7 - 9	1349	75	1.25	1,001 - 2,000	25,001 - 35,000	0.21	0.55	2.2	1.1

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	Discharge Depth to Seafloor (m) <sup>1</sup>	Pipe Diameter (inch) <sup>1</sup>	Total Volume Discharged (bbls) <sup>1,2</sup>	Duration of Discharge (minutes) <sup>1,2</sup>	Duration of Discharge (hours) <sup>1,2</sup>	Discharge Rate (bbl/day)		Appendix D, Table 1 - Critical Dilution <sup>4,5</sup>		Acute 48-H Whole Effluent Toxicity (WET) <sup>4</sup>	
						Actual Vol (discharged in 24 hrs) <sup>1,2,3</sup>	Extrapolated (over 24 hrs) <sup>1,2,3</sup>	Based on Actual Volume	Based on Extrapolated Rate (51726)	<i>M. beryllina</i>	<i>A. bahia</i>
										NOEC (TOM6J) <sup>6</sup>	NOEC (TOM3E) <sup>6</sup>
	806	>7 - 9	2028	85	1.42	2,001 - 3,000	25,001 - 35,000	0.31	0.55	0.55	0.14
	805	>7 - 9	281	44	0.73	0-500	9,001 - 10,000	0.05	0.21	0.84	0.84
	805	>7 - 9	3521	365	6.08	3,001 - 4,000	10,001 - 15,000	0.19	0.39	1.56	1.56
	805	>7 - 9	250	30	0.50	0-500	10,001 - 15,000	0.05	0.39	0.39	0.1
	1583	>15	2100	75	1.25	2,001 - 3,000	35,001 - 50,000	0.16	0.65	0.16	0.33
	805	>7 - 9	285	45	0.75	0-500	9,001 - 10,000	0.05	0.21	0.8	0.8
	805	>7 - 9	2726	135	2.25	2,001 - 3,000	25,001 - 35,000	0.31	0.55	2.2	2.2
	1583	>15	2472	3180	53.00	1,001 - 2,000	1,001 - 2,000	0.10	0.10	0.1	0.4
	805	>7 - 9	4133	240	4.00	4,001 - 5,000	20,001 - 25,000	0.21	0.48	1.92	0.48
	> 12	>15	135	60	1.00	0-500	3,001 - 4,000	0.03	0.21	0.42	0.21
	> 12	>5 - 7	16	10	0.17	0-500	2,001 - 3,000	0.07	0.17	0.68	0.34
	> 19	>9 - 11	180	26	0.43	0-500	9,001 - 10,000	0.04	0.21	0.84	0.84
	> 12	>9 - 11	45	20	0.33	0-500	3,001 - 4,000	0.04	0.35	1.4	1.4
	> 12	>0 - 5	1	1	0.02	0-500	1,001 - 2,000	0.07	0.15	1.4	0.35
	> 12	>9 - 11	68	25	0.42	0-500	3,001 - 4,000	0.04	0.35	1.4	0.7
	> 19	>15	636	37	0.62	501 - 1,000	20,001 - 25,000	0.05	0.48	2.6	0.65
	> 19	>9 - 11	180	28	0.47	0-500	9,001 - 10,000	0.04	0.21	0.84	0.42

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	Discharge Depth to Seafloor (m) <sup>1</sup>	Pipe Diameter (inch) <sup>1</sup>	Total Volume Discharged (bbls) <sup>1,2</sup>	Duration of Discharge (minutes) <sup>1,2</sup>	Duration of Discharge (hours) <sup>1,2</sup>	Discharge Rate (bbl/day)		Appendix D, Table 1 - Critical Dilution <sup>4,5</sup>		Acute 48-H Whole Effluent Toxicity (WET) <sup>4</sup>	
						Actual Vol (discharged in 24 hrs) <sup>1,2,3</sup>	Extrapolated (over 24 hrs) <sup>1,2,3</sup>	Based on Actual Volume	Based on Extrapolated Rate (51726)	<i>M. beryllina</i>	<i>A. bahia</i>
										NOEC (TOM6J) <sup>6</sup>	NOEC (TOM3E) <sup>6</sup>
	> 19	>15	726	104	1.73	501 - 1,000	10,001 - 15,000	0.05	0.39	0.1	0.1
	> 12	>7 - 9	150	40	0.67	0-500	5,001 - 6,000	0.05	0.23	0.92	0.92
	> 19	>7 - 9	481	60	1.00	0-500	10,001 - 15,000	0.05	0.39	1.56	1.56
	> 19	>7 - 9	442	45	0.75	0-500	10,001 - 15,000	0.05	0.39	1.56	1.56
	803	>7 - 9	30	6	0.10	0-500	7,001 - 8,000	0.05	0.19	0.76	0.38
	> 12	>7 - 9	150	55	0.92	0-500	3,001 - 4,000	0.05	0.19	0.76	0.76
	7005	>5 - 7	660	55	0.92	501 - 1,000	15,001 - 20,000	0.13	0.44	0.88	0.22
	805	>7 - 9	2971	105	1.75	2,001 - 3,000	35,001 - 50,000	0.31	0.64	2.56	1.28
	> 19	>15	5787	360	6.00	5,001 - 6,000	20,001 - 25,000	0.31	0.48	1.92	1.92
	805	>7 - 9	109	450	7.50	0-500	0-500	0.05	0.05	0.2	0.2
	805	>7 - 9	2873	240	4.00	2,001 - 3,000	15,001 - 20,000	0.31	0.44	1.76	0.88
	> 12	>7 - 9	220	60	1.00	0-500	5,001 - 6,000	0.05	0.23	0.92	0.92
	> 19	>15	2408	90	1.50	2,001 - 3,000	35,001 - 50,000	0.16	0.65	2.6	2.6
	> 12	>7 - 9	400	165	2.75	0-500	3,001 - 4,000	0.05	0.19	0.76	0.76
	> 19	>11 - 15	2229	270	4.50	2,001 - 3,000	10,001 - 15,000	0.20	0.39	1.56	0.2
	> 19	>15	711	83	1.38	501 - 1,000	10,001 - 15,000	0.05	0.39	1.56	1.56
	> 19	>15	630	70	1.17	501 - 1,000	10,001 - 15,000	0.05	0.39	1.56	1.56

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					Actual Vol (discharged in 24 hrs) <sup>1,2,3</sup>	Extrapolated (over 24 hrs) <sup>1,2,3</sup>	Based on Actual Volume	Based on Extrapolated Rate (51726)	<i>M. beryllina</i>	<i>A. bahia</i>
									NOEC (TOM6J) <sup>6</sup>	NOEC (TOM3E) <sup>6</sup>
> 19	>15	697	70	1.17	501 - 1,000	10,001 - 15,000	0.05	0.39	1.56	1.56
1341	>7 - 9	340	30	0.50	0-500	20,001-25,000	0.05	0.48	0.96	0.24
> 19	>15	650	66	1.10	501 - 1,000	10,001 - 15,000	0.05	0.39	1.56	0.39
> 19	>15	660	60	1.00	501 - 1,000	15,001 - 20,000	0.05	0.44	1.76	1.76
1334	>9 - 11	404	1440	24.00	0-500	0-500	0.04	0.04	0.16	0.16
> 19	>15	960	60	1.00	501 - 1,000	20,001 - 25,000	0.05	0.48	1.92	0.48
1341	>7 - 9	3157	14	0.23	3,001 - 4,000	20,001-25,000	0.19	0.48	0.12	0.24
>19	>11 - 15	245	229	3.82	2,001 - 3,000	10,001 - 15,000	0.03	0.39	1.60	1.60
> 12	>15	480	122	2.03	0-500	5,001 - 6,000	0.03	0.31	1.24	1.24
> 19	>15	300	50	0.83	0-500	8,001 - 9,000	0.03	0.33	1.32	1.32
> 12	>15	300	78	1.30	0-500	5,001 - 6,000	0.03	0.31	1.24	1.24
> 19	>15	7500	390	6.50	7,001 - 8,000	25,001 - 35,000	0.41	0.56	2.24	2.24
> 19	>15	600	60	1.00	501 - 1,000	10,001 - 15,000	0.05	0.39	1.56	1.56
> 19	>15	424	15	0.25	0-500	35,001 - 50,000	0.03	0.65	2.6	2.6
6913	>15	709	60	1.00	501 - 1,000	15,001 - 20,000	0.05	0.44	1.76	0.88
6913	>15	687	60	1.00	501 - 1,000	15,001 - 20,000	0.05	0.44	1.76	0.88
6913	>15	677	60	1.00	501 - 1,000	15,001 - 20,000	0.05	0.44	1.76	0.88

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					Actual Vol (discharged in 24 hrs) <sup>1,2,3</sup>	Extrapolated (over 24 hrs) <sup>1,2,3</sup>	Based on Actual Volume	Based on Extrapolated Rate (51726)	<i>M. beryllina</i>	<i>A. bahia</i>
									NOEC (TOM6J) <sup>6</sup>	NOEC (TOM3E) <sup>6</sup>
6913	>15	655	52	0.87	501 - 1,000	15,001 - 20,000	0.05	0.44	1.76	1.76
> 19	>15	600	65	1.08	501 - 1,000	10,001 - 15,000	0.05	0.39	0.78	0.2
1646	>15	653	70	1.17	501 - 1,000	10,001 - 15,000	0.05	0.39	0.78	0.78
1646	>15	653	70	1.17	501 - 1,000	10,001 - 15,000	0.05	0.39	0.78	0.78
1646	>15	538	73	1.22	501 - 1,000	10,001 - 15,000	0.05	0.39	0.78	0.78
1646	>15	538	73	1.22	501 - 1,000	10,001 - 15,000	0.05	0.39	0.78	0.78
>19	>11 - 15	2,073	216	3.60	2,001 - 3,000	10,001 - 15,000	0.20	0.39	1.56	1.56
>19	>11 - 15	7,030	718	11.97	7,001 - 8,000	10,001 - 15,000	0.53	0.39	1.56	1.56
6484	>7 - 9	8907	2880	48.00	4,001 - 5,000	4,001 - 5,000	0.21	0.21	0.84	0.42
1646	>15	640	60	1.00	501 - 1,000	15,001 - 20,000	0.05	0.44	0.44	0.88
>19	>15	3,527	275	4.58	3,001 - 4,000	15,001 - 20,000	0.03	0.44	1.76	0.22
> 19	>15	792	120	2.00	501 - 1,000	9,001 - 10,000	0.05	0.36	1.88	1.88
700	>7 - 9	524	50	0.83	501 - 1,000	25,001 - 35,000	0.21	0.55	0.28	0.28
700	>7 - 9	432	20	0.33	0-500	25,001 - 35,000	0.05	0.55	0.55	0.28
> 19	>15	560	60	1.00	501 - 1,000	10,001 - 15,000	0.05	0.39	1.56	1.56
> 12	>9 - 11	1665	381	6.35	1,001 - 2,000	6,001 - 7,000	0.18	0.24	0.96	0.24
> 19	>15	511	57	0.95	501 - 1,000	10,001 - 15,000	0.05	0.39	1.56	1.56

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						Actual Vol (discharged in 24 hrs) <sup>1,2,3</sup>	Extrapolated (over 24 hrs) <sup>1,2,3</sup>	Based on Actual Volume	Based on Extrapolated Rate (51726)	<i>M. beryllina</i>	<i>A. bahia</i>
										NOEC (TOM6J) <sup>6</sup>	NOEC (TOM3E) <sup>6</sup>
	>19	>15	1,762	182	3.03	1,001 - 2,000	10,001 - 15,000	0.10	0.39	1.56	0.78
	1646	>15	2044	2775	46.25	1,001 - 2,000	1,001 - 2,000	10.00	0.10	0.4	0.4
	1741	>15	502	45	0.75	501 - 1,000	15,001 - 20,000	0.05	0.44	1.76	0.88
	781	>7 - 9	319	60	1.00	0-500	7,001 - 8,000	0.05	0.19	0.76	0.1
	1641	>7 - 9	200	20	0.33	0-500	10,001 - 15,000	0.05	0.39	1.56	0.2
	>19	>0 - 5	600	60	1.00	501 - 1,000	10,001 - 15,000	0.08	0.39	1.56	1.56
	>19	>0 - 5	600	60	1.00	501 - 1,000	10,001 - 15,000	0.08	0.39	1.56	1.56
	1646	>15	369	790	13.17	0-500	501 - 1,000	0.03	0.05	0.2	0.2
	1741	>15	498	45	0.75	0-500	15,001 - 20,000	0.03	0.44	1.76	1.76
	>19	>5 - 7	145	20	0.33	0-500	10,001 - 15,000	0.10	0.39	1.56	0.78
	2142	>15	323	150	2.50	0-500	3,001 - 4,000	0.03	0.21	0.84	0.84
	2142	>15	473	40	0.67	0-500	15,001 - 20,000	0.03	0.44	0.88	0.22
	>19	>9 - 11	350	30	0.50	0-500	15,001 - 20,000	0.05	0.44	1.76	1.76
	24	>5 - 7	520	44	0.73	501 - 1,000	15,001 - 20,000	0.13	0.44	0.88	<.11
	235	>15	324	54	0.90	0-500	8001-9000	0.03	0.33	1.32	0.66
	2142	>15	810	165	2.75	501 - 1,000	9,001 - 10,000	0.05	0.36	1.64	0.41
	2142	>15	696	80	1.33	501 - 1,000	10,001 - 15,000	0.05	0.39	1.56	0.78

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					Actual Vol (discharged in 24 hrs) <sup>1,2,3</sup>	Extrapolated (over 24 hrs) <sup>1,2,3</sup>	Based on Actual Volume	Based on Extrapolated Rate (51726)	<i>M. beryllina</i>	<i>A. bahia</i>
									NOEC (TOM6J) <sup>6</sup>	NOEC (TOM3E) <sup>6</sup>
>19 m	>11 - 15	6,086	681	11.35	6,001 - 7,000	10,001 - 15,000	0.47	0.39	1.56	1.56
>19 m	>11 - 15	3,864	435	7.25	3,001 - 4,000	10,001 - 15,000	0.27	0.39	1.56	0.78
2142	>15	228	113	1.88	0-500	2,001 - 3,000	0.03	0.16	0.64	0.32
> 19	>5 - 7	3001	210	3.50	3,001 - 4,000	20,001 - 25,000	0.19	0.48	0.96	0.24
> 12	>11 - 15	750	140	2.33	501 - 1,000	7,001 - 8,000	0.07	0.53	0.27	0.13
> 12	>11 - 15	750	150	2.50	501 - 1,000	7,001 - 8,000	0.07	0.53	0.53	0.27
781	>7 - 9	650	45	0.75	501 - 1,000	20,001 - 25,000	0.10	0.48	0.12	0.12
> 12	>0 - 5	80	120	2.00	0-500	501 - 1,000	0.08	0.11	0.64	0.32
> 12	>0 - 5	679	360	6.00	501 - 1,000	2,001 - 3,000	0.11	0.17	0.68	0.34
> 19	>11 - 15	780	43	0.72	501 - 1,000	25,001 - 35,000	0.07	0.56	0.14	0.14
781	>7 - 9"	328	40	0.67	0-500	10,001 - 15,000	0.05	0.39	0.78	0.2
> 19	>11 - 15	780	35	0.58	501 - 1,000	25,001 - 35,000	0.07	0.56	0.14	0.14
1836	>7 - 9"	490	1440	24.00	0-500	0 - 500	0.05	0.05	0.2	0.2
> 19	>11 - 15	450	55	0.92	0-500	10,001 - 15,000	0.03	0.39	0.78	0.39
> 12	>11 - 15	375	131	2.18	0-500	4,001 - 5,000	0.03	0.33	0.17	0.08
> 19	>11 - 15	850	55	0.92	501 - 1,000	20,001 - 25,000	0.07	0.48	0.24	0.12
781	>7 - 9	4423	240	4.00	4,001 - 5,000	25,001 - 35,000	0.21	0.55	2.2	1.1

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	Discharge Depth to Seafloor (m) <sup>1</sup>	Pipe Diameter (inch) <sup>1</sup>	Total Volume Discharged (bbls) <sup>1,2</sup>	Duration of Discharge (minutes) <sup>1,2</sup>	Duration of Discharge (hours) <sup>1,2</sup>	Discharge Rate (bbl/day)		Appendix D, Table 1 - Critical Dilution <sup>4,5</sup>		Acute 48-H Whole Effluent Toxicity (WET) <sup>4</sup>	
						Actual Vol (discharged in 24 hrs) <sup>1,2,3</sup>	Extrapolated (over 24 hrs) <sup>1,2,3</sup>	Based on Actual Volume	Based on Extrapolated Rate (51726)	<i>M. beryllina</i>	<i>A. bahia</i>
										NOEC (TOM6J) <sup>6</sup>	NOEC (TOM3E) <sup>6</sup>
	781	>15	303	30	0.50	0-500	10,001 - 15,000	0.03	0.39	0.39	0.2
	> 12	>9 - 11	258	164	2.73	0-500	2,001 - 3,000	0.04	0.26	1.04	0.52
	> 12	>9 - 11	681	250	4.17	501 - 1,000	3,001 - 4,000	0.09	0.35	1.4	0.7
	>19	>5 - 7	831	107	1.78	501 - 1,000	10,001 - 15,000	0.10	0.39	0.78	0.10
	781	>7 - 9	200	1155	19.25	0-500	0-500	0.05	0.05	0.2	0.2
	> 19	>11 - 15	2053	122	2.03	2,001 - 3,000	20,001 - 25,000	0.20	0.48	0.24	0.12
	> 12	>15	600	137	2.28	501 - 1,000	6,001 - 7,000	0.05	0.36	1.44	1.44
	781	>15	391	60	1.00	0-500	9,001 - 10,000	0.03	0.36	1.44	0.72
	> 19	>0 - 5	621	45	0.75	501 - 1,000	15,001 - 20,000	0.11	0.44	0.88	0.22
	2143	>15	10200	1440	24.00	10,001 - 15,000	10,001 - 15,000	0.39	0.39	0.78	1.56
	>19	>11 - 15	326	42	0.70	0-500	10,001 - 15,000	0.03	0.39	1.56	0.39
	1838	>5 - 7	11520	1440	24.00	10,001 - 15,000	10,001 - 15,000	0.39	0.39	1.56	0
	6031	>5 - 7	11520	1440	24.00	10,001 - 15,000	10,001 - 15,000	0.39	0.39	1.56	1.56
	6031	>5 - 7	11520	1440	24.00	10,001 - 15,000	10,001 - 15,000	0.39	0.39	1.56	0.2
	6031	>5 - 7	11520	1440	24.00	10,001 - 15,000	10,001 - 15,000	0.39	0.39	0.78	0.39
	2091	>15	4795	1440	24.00	4,001 - 5,000	4,001 - 5,000	0.26	0.26	1.04	0.04
	> 12	>5 - 7	187	60	1.00	0-500	4,001 - 5,000	0.07	0.21	0.84	0.84

**OOO TCW Acute WET Testing Data May 2023 - April 2025<sup>7</sup>**

	Discharge Depth to Seafloor (m) <sup>1</sup>	Pipe Diameter (inch) <sup>1</sup>	Total Volume Discharged (bbls) <sup>1,2</sup>	Duration of Discharge (minutes) <sup>1,2</sup>	Duration of Discharge (hours) <sup>1,2</sup>	Discharge Rate (bbl/day)		Appendix D, Table 1 - Critical Dilution <sup>4,5</sup>		Acute 48-H Whole Effluent Toxicity (WET) <sup>4</sup>	
						Actual Vol (discharged in 24 hrs) <sup>1,2,3</sup>	Extrapolated (over 24 hrs) <sup>1,2,3</sup>	Based on Actual Volume	Based on Extrapolated Rate (51726)	<i>M. beryllina</i>	<i>A. bahia</i>
										NOEC (TOM6J) <sup>6</sup>	NOEC (TOM3E) <sup>6</sup>
	> 19	>15	505	57	0.95	501 - 1,000	10,001 - 15,000	0.05	0.39	1.56	0.78
	> 19	>15	497	55	0.92	0-500	10,001 - 15,000	0.03	0.39	1.56	1.56
	2032	>7 - 9	404	240	4.00	0-500	2,001 - 3,000	0.05	0.31	1.24	0.62
	56	>0 - 5	485	230	3.83	0-500	2,001 - 3,000	0.08	0.17	0.68	0.68
	> 19	>15	696	70	1.17	501 - 1,000	10,001 - 15,000	0.05	0.39	1.56	1.56
	55	>0 - 5	600	230	3.83	501 - 1,000	25,001 - 35,000	0.11	0.17	0.76	0.76
	> 12	>5 - 7	11	38	0.63	0-500	0-500	0.07	0.07	0.28	0.28
	55	>0 - 5	650	150	2.50	501 - 1,000	35,001 - 50,000	0.11	0.19	0.76	0.76
	> 12	>0 - 5	120	270	4.50	0-500	501 - 1,000	0.08	0.11	0.44	0.44
	40	>0 - 5	33	60	1.00	0-500	501 - 1,000	0.08	0.11	0.44	0.11
	> 12	>15	200	45	0.75	0-500	6,001 - 7,000	0.03	0.36	0.96	0.96
	> 12	>15	62	15	0.25	0-500	5,001 - 6,000	0.03	0.31	1.24	0.62
	1049	>0 - 5	822	450	7.50	501 - 1,000	2,001 - 3,000	0.11	0.17	0.68	0.68
	> 12	>0 - 5	60	252	4.20	0-500	0-500	0.08	0.08	0.32	0.32
	2032	>7 - 9	797	90	1.50	501 - 1,000	10,001 - 15,000	0.10	0.39	1.56	0.78
	1875	>0 - 5	13620	1440	24.00	10,001 - 15,000	10,001 - 15,000	0.39	0.39	1.56	0.2
	> 19	>9 - 11	990	175	2.92	501 - 1,000	8,001 - 9,000	0.09	0.20	0.8	0.1

**OOO TCW Acute WET Testing Data May 2023 - April 2025<sup>7</sup>**

	Discharge Depth to Seafloor (m) <sup>1</sup>	Pipe Diameter (inch) <sup>1</sup>	Total Volume Discharged (bbls) <sup>1,2</sup>	Duration of Discharge (minutes) <sup>1,2</sup>	Duration of Discharge (hours) <sup>1,2</sup>	Discharge Rate (bbl/day)		Appendix D, Table 1 - Critical Dilution <sup>4,5</sup>		Acute 48-H Whole Effluent Toxicity (WET) <sup>4</sup>	
						Actual Vol (discharged in 24 hrs) <sup>1,2,3</sup>	Extrapolated (over 24 hrs) <sup>1,2,3</sup>	Based on Actual Volume	Based on Extrapolated Rate (51726)	<i>M. beryllina</i>	<i>A. bahia</i>
										NOEC (TOM6J) <sup>6</sup>	NOEC (TOM3E) <sup>6</sup>
	2032	>7 - 9	888	120	2.00	501 - 1,000	10,001 - 15,000	0.10	0.39	0.78	0.2
	1875	>0 - 5"	13504	1440	24.00	10,001 - 15,000	10,001 - 15,000	0.39	0.39	1.56	0.78
	> 12	>7 - 9	150	120	2.00	0-500	1,001 - 2,000	0.04	0.18	0.56	0.14
	2143	>15"	10131	1440	24.00	10,001 - 15,000	10,001 - 15,000	0.39	0.39	1.56	1.56
	> 12	>7 - 9	800	180	3.00	501 - 1,000	6,001 - 7,000	0.10	0.24	0.24	0.48
	> 19	>15	563	74	1.23	501 - 1,000	10,001 - 15,000	0.05	0.39	0.78	1.56
	> 12	>9 - 11	446	145	2.42	0-500	4,001 - 5,000	0.04	0.44	1.76	0.88
	> 12	>0 - 5	60	120	2.00	0-500	501 - 1,000	0.08	0.11	0.44	0.44
	2143	>15"	15648	1440	24.00	15,001 - 20,000	15,001 - 20,000	0.44	0.44	1.76	1.76
	>19 m	>0 - 5	394	52	0.87	0-500	10,001 - 15,000	0.08	0.39	1.56	1.56
	2032	>7 - 9"	660	135	2.25	501 - 1,000	7,001 - 8,000	0.10	0.19	0.79	0.79
	2032	>7 - 9"	660	55	0.92	501 - 1,000	15,001 - 20,000	0.10	0.44	0.88	0.22
	>19 m	>0 - 5	430	45	0.75	0-500	10,001 - 15,000	0.08	0.39	1.56	1.56
	>19 m	>0 - 5	560	38	0.63	501 - 1,000	20,001 - 25,000	0.11	0.48	0.88	0.88
	>19 m	>0 - 5	504	55	0.92	501 - 1,000	10,001 - 15,000	0.11	0.39	1.56	0.78
	> 12	>5 - 7	16	29	0.48	0-500	501 - 1,000	0.07	0.13	0.3	0.15
	> 12	>9 - 11	315	90	1.50	0-500	5,001 - 6,000	0.04	0.23	0.92	0.92

**OOO TCW Acute WET Testing Data May 2023 - April 2025<sup>7</sup>**

	Discharge Depth to Seafloor (m) <sup>1</sup>	Pipe Diameter (inch) <sup>1</sup>	Total Volume Discharged (bbls) <sup>1,2</sup>	Duration of Discharge (minutes) <sup>1,2</sup>	Duration of Discharge (hours) <sup>1,2</sup>	Discharge Rate (bbl/day)		Appendix D, Table 1 - Critical Dilution <sup>4,5</sup>		Acute 48-H Whole Effluent Toxicity (WET) <sup>4</sup>	
						Actual Vol (discharged in 24 hrs) <sup>1,2,3</sup>	Extrapolated (over 24 hrs) <sup>1,2,3</sup>	Based on Actual Volume	Based on Extrapolated Rate (51726)	<i>M. beryllina</i>	<i>A. bahia</i>
										NOEC (TOM6J) <sup>6</sup>	NOEC (TOM3E) <sup>6</sup>
	> 12	>15	850	300	5.00	501 - 1,000	4,001 - 5,000	0.05	0.26	0.52	1.04
	>19 m	>11 - 15	9,244	1095	18.25	9,001 - 10,000	10,001 - 15,000	0.47	0.39	1.56	1.56
	> 19	>15	500	60	1.00	0-500	10,001 - 15,000	0.03	0.39	0.39	1.56
	> 12	>9 - 11	85	150	2.50	0-500	501 - 1,000	0.04	0.09	0.36	0.36
	1582.000	>15	21744	1440	24.00	20,001 - 25,000	20,001 - 25,000	0.48	0.48	0.96	0.48
	1957	>15	418	68	1.13	0-500	8,001 - 9,000	0.03	0.33	1.32	1.32
	> 12	>5 - 7	18	290	4.83	0-500	0-500	0.07	0.07	0.28	0.28
	> 19	>15	876	80	1.33	501 - 1,000	15,001 - 20,000	0.05	0.44	1.76	1.76
	235	>15	86	30	0.50	0-500	4,001 - 5,000	0.03	0.26	0.9	0.26
	1582.000	>15	16278	1440	24.00	15,001 - 20,000	15,001 - 20,000	0.44	0.44	>1.76	>1.76
	1582.000	>15	16080	1440	24.00	15,001 - 20,000	15,001 - 20,000	0.44	0.44	>1.76	>1.76
	> 19	>9 - 11	920	165	2.75	501 - 1,000	8,001 - 9,000	0.09	0.20	0.8	0.8
	433	>15	617	83	1.38	501 - 1,000	10,001 - 15,000	0.05	0.39	1.56	0.1
	235	>15	388	50	0.83	0-500	10,001 - 15,000	0.03	0.39	1.56	0.2
	2032	>7 - 9	28800	105	1.75	2,001 - 3,000	25,001 - 35,000	0.55	0.55	2.2	2.2
	1058.8	>15	482	43	0.72	0-500	15,001 - 20,000	0.03	0.44	1.76	>1.76
	> 12	>9 - 11	37	90	1.50	0-500	501 - 1,000	0.04	0.09	0.36	0.09

**OOO TCW Acute WET Testing Data May 2023 - April 2025<sup>7</sup>**

	Discharge Depth to Seafloor (m) <sup>1</sup>	Pipe Diameter (inch) <sup>1</sup>	Total Volume Discharged (bbls) <sup>1,2</sup>	Duration of Discharge (minutes) <sup>1,2</sup>	Duration of Discharge (hours) <sup>1,2</sup>	Discharge Rate (bbl/day)		Appendix D, Table 1 - Critical Dilution <sup>4,5</sup>		Acute 48-H Whole Effluent Toxicity (WET) <sup>4</sup>	
						Actual Vol (discharged in 24 hrs) <sup>1,2,3</sup>	Extrapolated (over 24 hrs) <sup>1,2,3</sup>	Based on Actual Volume	Based on Extrapolated Rate (51726)	<i>M. beryllina</i>	<i>A. bahia</i>
										NOEC (TOM6J) <sup>6</sup>	NOEC (TOM3E) <sup>6</sup>
	1582.000	>15	15546	1440	24.00	15,001 - 20,000	15,001 - 20,000	0.44	0.44	1.76	0.44
	1582.000	>15	14244	1440	24.00	10,001 - 15,000	10,001 - 15,000	0.39	0.39	0.78	1.56
	> 12	>5 - 7	40	90	1.50	0-500	501 - 1,000	0.07	0.13	0.52	0.26
	> 12	>5 - 7	40	120	2.00	0-500	0-500	0.07	0.07	0.28	0.28
	2032	>7 - 9	789	90	1.50	501 - 1,000	10,001 - 15,000	0.10	0.39	1.56	1.56
	2032	>7 - 9	708	60	1.00	501 - 1,000	15,001 - 20,000	0.10	0.44	1.76	1.76
	> 12	>9 - 11	40	120	2.00	0-500	0-500	0.04	0.04	0.35	0.7
	2	>11 - 15	431	30	0.50	0-500	20,001 - 25,000	0.10	4.77	4.77	4.77
	> 12	>9 - 11	810	200	3.33	501 - 1,000	5,001 - 6,000	0.09	0.23	0.92	0.92
	>19 m	>0 - 5	450	45	0.75	0-500	10,001 - 15,000	0.08	0.39	1.56	1.56
	>19 m	>0 - 5	430	55	0.92	0-500	10,001 - 15,000	0.08	0.39	1.56	1.56
	>19 m	>0 - 5	70	10	0.17	0-500	10,001 - 15,000	0.08	0.39	1.56	1.56
	> 19	>9 - 11	992	134	2.23	501 - 1,000	10,001 - 15,000	0.09	0.39	0.78	0.39
	1499	>15	724	60	1.00	501 - 1,000	15,001 - 20,000	0.05	0.44	1.76	0.88
	1,404	>7 - 9	855	30	0.50	501 - 1,000	35,001 - 50,000	0.10	0.64	<0.16	<0.16
	> 19	>15	725	91	1.52	501 - 1,000	10,001 - 15,000	0.05	0.39	1.56	1.56
	1499	>15	719	60	1.00	501 - 1,000	15,001 - 20,000	0.05	0.44	0.44	0.11

**OOO TCW Acute WET Testing Data May 2023 - April 2025<sup>7</sup>**

	Discharge Depth to Seafloor (m) <sup>1</sup>	Pipe Diameter (inch) <sup>1</sup>	Total Volume Discharged (bbls) <sup>1,2</sup>	Duration of Discharge (minutes) <sup>1,2</sup>	Duration of Discharge (hours) <sup>1,2</sup>	Discharge Rate (bbl/day)		Appendix D, Table 1 - Critical Dilution <sup>4,5</sup>		Acute 48-H Whole Effluent Toxicity (WET) <sup>4</sup>	
						Actual Vol (discharged in 24 hrs) <sup>1,2,3</sup>	Extrapolated (over 24 hrs) <sup>1,2,3</sup>	Based on Actual Volume	Based on Extrapolated Rate (51726)	<i>M. beryllina</i>	<i>A. bahia</i>
										NOEC (TOM6J) <sup>6</sup>	NOEC (TOM3E) <sup>6</sup>
	>19 m	>11 - 15	4,302	240	4.00	4,001 - 5,000	25,001 - 35,000	0.33	0.56	2.24	2.24
	1499	>15	715	60	1.00	501 - 1,000	15,001 - 20,000	0.05	0.44	1.76	1.76
	> 12	>7 - 9	239	80	1.33	0-500	4,001 - 5,000	0.05	0.21	2.16	1.08
	> 12	>7 - 9	62	21	0.35	0-500	4,001 - 5,000	0.05	0.21	0.54	0.27
	235	>11 - 15	1946	315	5.25	1,001 - 2,000	8,001 - 9,000	0.13	0.42	1.68	0.84
	1,404	>15	500	60	1.00	0-500	10,001 - 15,000	0.03	0.39	0.78	1.56
	1499	>15	710	60	1.00	501 - 1,000	15,001 - 20,000	0.05	0.44	1.76	0.44
	1499	>15	707	60	1.00	501 - 1,000	15,001 - 20,000	0.05	0.44	1.76	0.88
	946	>0 - 5	1824	150	2.50	1,001 - 2,000	10,001 - 15,000	0.13	0.44	0.15	0.3
	1499	>15	698	60	1.00	501 - 1,000	15,001 - 20,000	0.05	0.44	1.76	0.44
	>19 m	>11 - 15	9680	366	6.10	9,001 - 10,000	35,001 - 50,000	0.47	0.65	2.60	2.60
	23	>0 - 5	550	360	6.00	501 - 1,000	2,001 - 3,000	0.11	0.17	0.84	0.84
	2032	>7 - 9	709	135	2.25	501 - 1,000	7,001 - 8,000	0.10	0.19	0.76	0.76
	1,404	>7 - 9	690	33	0.55	501 - 1,000	25,001 - 35,000	0.10	0.55	1.92	1.92
	873	>15	25	16	0.27	0-500	2,001 - 3,000	0.03	0.16	0.32	0.32
	1493.8	>15	460	48	0.80	0-500	10,001 - 15,000	0.03	0.44	1.56	0.78
	1,404	>7 - 9	652	40	0.67	501 - 1,000	20,001 - 25,000	0.10	0.48	1.92	0.96

**OOO TCW Acute WET Testing Data May 2023 - April 2025<sup>7</sup>**

	Discharge Depth to Seafloor (m) <sup>1</sup>	Pipe Diameter (inch) <sup>1</sup>	Total Volume Discharged (bbls) <sup>1,2</sup>	Duration of Discharge (minutes) <sup>1,2</sup>	Duration of Discharge (hours) <sup>1,2</sup>	Discharge Rate (bbl/day)		Appendix D, Table 1 - Critical Dilution <sup>4,5</sup>		Acute 48-H Whole Effluent Toxicity (WET) <sup>4</sup>	
						Actual Vol (discharged in 24 hrs) <sup>1,2,3</sup>	Extrapolated (over 24 hrs) <sup>1,2,3</sup>	Based on Actual Volume	Based on Extrapolated Rate (51726)	<i>M. beryllina</i>	<i>A. bahia</i>
										NOEC (TOM6J) <sup>6</sup>	NOEC (TOM3E) <sup>6</sup>
	> 19	>15	550	60	1.00	501 - 1,000	10,001 - 15,000	0.05	0.39	1.56	1.56
	> 19	>15	518	60	1.00	501 - 1,000	10,001 - 15,000	0.05	0.39	1.56	0.78
	> 19	>15	518	60	1.00	501 - 1,000	10,001 - 15,000	0.05	0.39	1.56	0.78
	> 19	>15	555	50	0.83	501 - 1,000	15,001 - 20,000	0.05	0.44	1.76	0.88
	> 19	>15	518	55	0.92	501 - 1,000	10,001 - 15,000	0.05	0.39	1.56	0.78
	> 19	>15	524	60	1.00	501 - 1,000	10,001 - 15,000	0.05	0.39	1.56	1.56
	> 19	>15	514	50	0.83	501 - 1,000	10,001 - 15,000	0.05	0.39	1.56	1.56
	> 12	>15	215	45	0.75	0-500	6,001 - 7,000	0.03	0.36	0.36	1.44
	> 19	>15	1167	58	0.97	1,001 - 2,000	25,001 - 35,000	0.10	0.56	0.56	1.12
	> 19	>15	1545	51	0.85	1,001 - 2,000	35,001 - 50,000	0.10	0.65	0.16	0.16
	> 19	>15	1839	180	3.00	1,001 - 2,000	10,001 - 15,000	0.10	0.39	0.39	0.2
	> 19	>15	1272	61	1.02	1,001 - 2,000	25,001 - 35,000	0.10	0.56	0.14	0.14
	> 12	>15	300	120	2.00	0-500	3,001 - 4,000	0.03	0.21	0.42	0.42
	> 19	>15	580	60	1.00	501 - 1,000	10,001 - 15,000	0.05	0.39	1.56	0.78
	> 19	>15	2000	240	4.00	1,001 - 2,000	10,001 - 15,000	0.10	0.39	0.1	0.1
	> 12	>15	400	240	4.00	0-500	2,001 - 3,000	0.03	0.16	0.16	0.08
	> 19	>15	2033	98	1.63	2,001 - 3,000	25,001 - 35,000	0.16	0.56	1.12	0.56

**OOO TCW Acute WET Testing Data May 2023 - April 2025<sup>7</sup>**

	Discharge Depth to Seafloor (m) <sup>1</sup>	Pipe Diameter (inch) <sup>1</sup>	Total Volume Discharged (bbls) <sup>1,2</sup>	Duration of Discharge (minutes) <sup>1,2</sup>	Duration of Discharge (hours) <sup>1,2</sup>	Discharge Rate (bbl/day)		Appendix D, Table 1 - Critical Dilution <sup>4,5</sup>		Acute 48-H Whole Effluent Toxicity (WET) <sup>4</sup>	
						Actual Vol (discharged in 24 hrs) <sup>1,2,3</sup>	Extrapolated (over 24 hrs) <sup>1,2,3</sup>	Based on Actual Volume	Based on Extrapolated Rate (51726)	<i>M. beryllina</i>	<i>A. bahia</i>
										NOEC (TOM6J) <sup>6</sup>	NOEC (TOM3E) <sup>6</sup>
	> 19	>15	3256	330	5.50	3,001 - 4,000	10,001 - 15,000	0.21	0.39	0.39	0.2
	> 19	>15	750	15	0.25	501 - 1,000	50,001 - 75,000	0.05	1.25	1.25	0.31
	28	>0 - 5	176	300	5.00	0-500	501 - 1,000	0.08	0.11	0.44	0.44
	> 19	>15	4556	360	6.00	4,001 - 5,000	15,001 - 20,000	0.26	0.44	0.44	0.22
	165	>0 - 5	860	760	12.67	501 - 1,000	1,001 - 2,000	0.11	0.15	0.6	0.6
	28	>0 - 5	185	240	4.00	0-500	1,001 - 2,000	0.08	0.15	0.6	0.6
	1133	>15	642	72	1.20	501 - 1,000	10,001 - 15,000	0.05	0.39	1.56	0.78
	1857	>11 - 15	557	840	14.00	501 - 1,000	501 - 1,000	0.07	0.07	0.28	0.28
	125.5	>0 - 5	238	120	2.00	0-500	2,001 - 3,000	0.08	0.17	0.68	0.68
	1828	>0 - 5	152	1290	21.50	0-500	0-500	0.08	0.08	0.32	0.32
	165	>0 - 5	112	35	0.58	0-500	4,001 - 5,000	0.08	0.21	0.84	0.84
	1828	>0 - 5	380	300	5.00	0-500	1,001 - 2,000	0.08	0.15	0.6	0.6
	550	>0 - 5	115	180	3.00	0-500	501 - 1,000	0.08	0.11	0.44	0.44
	82	>0 - 5	682	209	3.48	501 - 1,000	4,001 - 5,000	0.11	0.21	0.92	0.46
	1133	>15	630	76	1.27	501 - 1,000	10,001 - 15,000	0.05	0.39	1.56	>1.56
	>19 m	>5 - 7	270	92	1.53	0-500	4001-5000	0.07	0.21	0.84	0.42
	> 19	>11 - 15	540	40	0.67	501 - 1,000	15,001 - 20,000	0.05	0.44	1.2	0.3

**OOO TCW Acute WET Testing Data May 2023 - April 2025<sup>7</sup>**

	Discharge Depth to Seafloor (m) <sup>1</sup>	Pipe Diameter (inch) <sup>1</sup>	Total Volume Discharged (bbls) <sup>1,2</sup>	Duration of Discharge (minutes) <sup>1,2</sup>	Duration of Discharge (hours) <sup>1,2</sup>	Discharge Rate (bbl/day)		Appendix D, Table 1 - Critical Dilution <sup>4,5</sup>		Acute 48-H Whole Effluent Toxicity (WET) <sup>4</sup>	
						Actual Vol (discharged in 24 hrs) <sup>1,2,3</sup>	Extrapolated (over 24 hrs) <sup>1,2,3</sup>	Based on Actual Volume	Based on Extrapolated Rate (51726)	<i>M. beryllina</i>	<i>A. bahia</i>
										NOEC (TOM6J) <sup>6</sup>	NOEC (TOM3E) <sup>6</sup>
	409	>0 - 5	390	120	2.00	0-500	4,001 - 5,000	0.08	0.21	0.84	0.84
	1496	>15	705	60	1.00	501 - 1,000	15,001 - 20,000	0.05	0.44	0.88	0.22
	1496	>15	691	70	1.17	501 - 1,000	10,001 - 15,000	0.05	0.39	1.56	0.2
	1496	>15	684	60	1.00	501 - 1,000	15,001 - 20,000	0.05	0.44	1.76	0.44
	>19 m	>11 - 15	60	12	0.20	0-500	7001 - 8000	0.03	0.53	2.12	0.13
	>19 m	>0 - 5	550	70	1.17	501 - 1,000	10,001 - 15,000	0.11	0.39	0.39	0.39
	>19 m	>0 - 5	550	76	1.27	501 - 1,000	10,001 - 15,000	0.11	0.39	1.56	0.10
	440	>0 - 5"	201	90	1.50	0-500	3,001 - 4,000	0.08	0.19	0.68	0.68
	>19 m	>5 - 7	275	80	1.33	0-500	4001-5000	0.07	0.21	0.84	0.42
	>19 m	>0 - 5	560	46	0.77	501 - 1,000	15,001 - 20,000	0.11	0.44	0.11	0.11
	>19 m	>0 - 5	560	52	0.87	501 - 1,000	15,001 - 20,000	0.11	0.44	0.22	0.11
	413	>0 - 5	598	120	2.00	501 - 1,000	7,001 - 8,000	0.11	0.19	0.68	0.68
	> 12	>15	3679	1440	24.00	3,001 - 4,000	3,001 - 4,000	0.21	0.21	0.05	0.05
	61	>0 - 5	500	210	3.50	0-500	3,001 - 4,000	0.08	0.19	0.76	0.76
	> 19	>11 - 15	1741	180	3.00	1,001 - 2,000	10,001 - 15,000	0.13	0.39	1.56	1.56
	> 12	>15	695	241	4.02	501 - 1,000	4,001 - 5,000	0.05	0.26	1.04	0.52
	>19 m	>0 - 5	400	115	1.92	0-500	5001-6000	0.08	0.23	0.84	0.42

**OOO TCW Acute WET Testing Data May 2023 - April 2025<sup>7</sup>**

	Discharge Depth to Seafloor (m) <sup>1</sup>	Pipe Diameter (inch) <sup>1</sup>	Total Volume Discharged (bbls) <sup>1,2</sup>	Duration of Discharge (minutes) <sup>1,2</sup>	Duration of Discharge (hours) <sup>1,2</sup>	Discharge Rate (bbl/day)		Appendix D, Table 1 - Critical Dilution <sup>4,5</sup>		Acute 48-H Whole Effluent Toxicity (WET) <sup>4</sup>	
						Actual Vol (discharged in 24 hrs) <sup>1,2,3</sup>	Extrapolated (over 24 hrs) <sup>1,2,3</sup>	Based on Actual Volume	Based on Extrapolated Rate (51726)	<i>M. beryllina</i>	<i>A. bahia</i>
										NOEC (TOM6J) <sup>6</sup>	NOEC (TOM3E) <sup>6</sup>
	> 12	>0 - 5	20	60	1.00	0-500	0-500	0.08	0.08	0.32	0.32
	> 19	>11 - 15	1800	160	2.67	1,001 - 2,000	15,001 - 20,000	0.13	0.44	1.76	0.44
	> 12	>0 - 5	9	60	1.00	0-500	0-500	0.08	0.08	0.32	0.32
	512	>0 - 5	840	360	6.00	501 - 1,000	3,001 - 4,000	0.11	0.19	0.76	0.76
	> 19	>9 - 11	642	84	1.40	0-500	10,001 - 15,000	0.09	0.39	1.56	1.56
	510	>0 - 5	450	240	4.00	0-500	2,001 - 3,000	0.08	0.17	0.68	0.68
	> 19	>11 - 15	3094	184	3.07	3,001 - 4,000	20,001 - 25,000	0.27	0.48	1.92	1.92
	> 12	>11 - 15	232	1500	25.00	0-500	0-500	0.03	0.03	0.12	0.12
	> 12	>11 - 15	190	870	14.50	0-500	0-500	0.03	0.03	0.12	0.12
	> 12	>11 - 15	5011	1545	25.75	4,001 - 5,000	4,001 - 5,000	0.33	0.33	0.76	0.38
	> 12	>11 - 15	162	1545	25.75	0-500	0-500	0.03	0.03	0.12	0.12
	>19 m	>11 - 15	642	20	0.33	501 - 1,000	35,001 - 50,000	0.11	0.65	2.6	0.16
	> 12	>15	902	360	6.00	501 - 1,000	3,001 - 4,000	0.05	0.21	0.84	0.84
	> 19	>15	3757	200	3.33	3,001 - 4,000	25,001 - 35,000	0.21	0.56	2.24	0.56
	> 19	>11 - 15	691	122	2.03	501 - 1,000	8,001 - 9,000	0.07	0.42	0.21	0.21
	>19 m	>11 - 15	373	30	0.50	0-500	15,001 - 20,000	0.03	0.56	2.24	0.28
	>19 m	>11 - 15	113	24	0.40	0-500	6001-7000	0.03	0.47	1.88	0.12

**OOO TCW Acute WET Testing Data May 2023 - April 2025<sup>7</sup>**

	Discharge Depth to Seafloor (m) <sup>1</sup>	Pipe Diameter (inch) <sup>1</sup>	Total Volume Discharged (bbls) <sup>1,2</sup>	Duration of Discharge (minutes) <sup>1,2</sup>	Duration of Discharge (hours) <sup>1,2</sup>	Discharge Rate (bbl/day)		Appendix D, Table 1 - Critical Dilution <sup>4,5</sup>		Acute 48-H Whole Effluent Toxicity (WET) <sup>4</sup>	
						Actual Vol (discharged in 24 hrs) <sup>1,2,3</sup>	Extrapolated (over 24 hrs) <sup>1,2,3</sup>	Based on Actual Volume	Based on Extrapolated Rate (51726)	<i>M. beryllina</i>	<i>A. bahia</i>
										NOEC (TOM6J) <sup>6</sup>	NOEC (TOM3E) <sup>6</sup>
	> 19	>15	4800	370	6.17	4,001 - 5,000	15,001 - 20,000	0.26	0.44	1.76	0.44
	41.8	>5 - 7	15	416	6.93	0-500	4,001 - 5,000	0.07	0.07	0.84	0.84
	41.8	>0 - 5	180	30	0.50	0-500	8,001 - 9,000	0.08	0.20	0.8	0.8
	> 19	>15	2300	80	1.33	2,001 - 3,000	35,001 - 50,000	0.16	0.65	0.65	0.33
	439	>0 - 5	820	360	6.00	501 - 1,000	3,001 - 4,000	0.11	0.19	0.76	0.76
	> 19	>15	464	28	0.47	0-500	20,001 - 25,000	0.03	0.48	1.92	1.92
	53	>0 - 5	987	240	4.00	501 - 1,000	5,001 - 6,000	0.11	0.23	0.92	0.92
	>19 m	>0 - 5	610	72	1.20	501 - 1,000	10,001 - 15,000	0.11	0.39	1.56	0.78
	>19 m	>0 - 5	600	69	1.15	501 - 1,000	10,001 - 15,000	0.11	0.39	1.56	0.78
	> 12	>9 - 11	482	95	1.58	0-500	7,001 - 8,000	0.04	0.19	0.76	0.76
	440	>0 - 5	708	240	4.00	501 - 1,000	4,001 - 5,000	0.11	0.21	0.84	0.84
	>19 m	>0 - 5	680	76	1.27	501 - 1,000	10,001 - 15,000	0.11	0.39	1.56	1.56
	>19 m	>0 - 5	680	76	1.27	501 - 1,000	10,001 - 15,000	0.11	0.39	1.56	1.56
	>19 m	>0 - 5	660	90	1.50	501 - 1,000	10,001 - 15,000	0.11	0.39	1.56	1.56
	>19 m	>0 - 5	660	90	1.50	501 - 1,000	10,001 - 15,000	0.11	0.39	1.56	1.56
	> 12	>0 - 5	25	30	0.50	0-500	1,001 - 2,000	0.08	0.15	0.6	0.3
	>19 m	>11 - 15	609	20	0.33	501 - 1,000	35,001-50,000	0.07	0.65	2.6	0.65

**OOO TCW Acute WET Testing Data May 2023 - April 2025<sup>7</sup>**

	Discharge Depth to Seafloor (m) <sup>1</sup>	Pipe Diameter (inch) <sup>1</sup>	Total Volume Discharged (bbls) <sup>1,2</sup>	Duration of Discharge (minutes) <sup>1,2</sup>	Duration of Discharge (hours) <sup>1,2</sup>	Discharge Rate (bbl/day)		Appendix D, Table 1 - Critical Dilution <sup>4,5</sup>		Acute 48-H Whole Effluent Toxicity (WET) <sup>4</sup>	
						Actual Vol (discharged in 24 hrs) <sup>1,2,3</sup>	Extrapolated (over 24 hrs) <sup>1,2,3</sup>	Based on Actual Volume	Based on Extrapolated Rate (51726)	<i>M. beryllina</i>	<i>A. bahia</i>
										NOEC (TOM6J) <sup>6</sup>	NOEC (TOM3E) <sup>6</sup>
	> 12	>0 - 5	35	750	12.50	0-500	0-500	0.08	0.08	0.32	0.32
	> 12	>9 - 11	40	120	2.00	0-500	0-500	0.04	0.04	0.16	0.16
	> 12	>7 - 9	845	270	4.50	501 - 1,000	4,001 - 5,000	0.10	0.21	0.84	0.21
	> 12	>7 - 9	10	10	0.17	0-500	1,001 - 2,000	0.05	0.21	0.96	0.24
	> 12	>7 - 9	442	485	8.08	0-500	1,001 - 2,000	0.05	0.21	0.96	0.24
	> 12	>9 - 11	24	95	1.58	0-500	0-500	0.04	0.04	0.16	0.16
	> 19	>15	912	120	2.00	501 - 1,000	10,001 - 15,000	0.05	0.39	0.1	0.1
	> 19	>15	175	22	0.37	0-500	10,001 - 15,000	0.03	0.39	0.78	1.56
	> 12	>7 - 9	9	7	0.12	0-500	1,001 - 2,000	0.05	0.21	0.96	0.24
	> 19	>15	305	20	0.33	0-500	20,001 - 25,000	0.03	0.48	0.96	0.96
	> 12	>7 - 9	57	899	14.98	0-500	0-500	0.05	0.05	0.24	0.24
	> 19	>15	463	30	0.50	0-500	20,001 - 25,000	0.03	0.48	1.92	0.48
	> 12	>7 - 9	63	30	0.50	0-500	3,001 - 4,000	0.05	0.19	0.76	0.19
	> 12	>9 - 11	55	90	1.50	0-500	501 - 1,000	0.04	0.09	0.36	0.36
	> 12	>9 - 11	544	128	2.13	501 - 1,000	6,001 - 7,000	0.09	0.24	0.96	0.96
	> 19	>15	1388	180	3.00	1,001 - 2,000	10,001 - 15,000	0.10	0.39	0.2	0.2
	> 12	>15	139	125	2.08	0-500	1,001 - 2,000	0.03	0.10	0.2	0.2

**OOO TCW Acute WET Testing Data May 2023 - April 2025<sup>7</sup>**

	Discharge Depth to Seafloor (m) <sup>1</sup>	Pipe Diameter (inch) <sup>1</sup>	Total Volume Discharged (bbls) <sup>1,2</sup>	Duration of Discharge (minutes) <sup>1,2</sup>	Duration of Discharge (hours) <sup>1,2</sup>	Discharge Rate (bbl/day)		Appendix D, Table 1 - Critical Dilution <sup>4,5</sup>		Acute 48-H Whole Effluent Toxicity (WET) <sup>4</sup>	
						Actual Vol (discharged in 24 hrs) <sup>1,2,3</sup>	Extrapolated (over 24 hrs) <sup>1,2,3</sup>	Based on Actual Volume	Based on Extrapolated Rate (51726)	<i>M. beryllina</i>	<i>A. bahia</i>
										NOEC (TOM6J) <sup>6</sup>	NOEC (TOM3E) <sup>6</sup>
	> 12	>15	139	125	2.08	0-500	501 - 1,000	0.03	0.10	0.2	0.2
	439	>0 - 5	1202	420	7.00	1,001 - 2,000	4,001 - 5,000	0.15	0.21	0.84	0.84
	1646	>15	630	53	0.88	501 - 1,000	15,001 - 20,000	0.05	0.44	1.76	1.76
	1646	>15	624	50	0.83	501 - 1,000	15,001 - 20,000	0.05	0.44	1.76	1.76
	> 12	>5 - 7	25	10	0.17	0-500	3,001 - 4,000	0.07	0.19	0.76	0.38
	439	>0 - 5	490	240	4.00	0-500	2,001 - 3,000	0.08	0.17	0.68	0.68
	2124	>0 - 5	2960	70	1.17	2,001 - 3,000	50,001 - 75,000	0.17	0.39	2.64	0.66
	> 12	>9 - 11	107	140	2.33	0-500	1,001 - 2,000	0.04	0.18	0.72	0.72
	> 19	>11 - 15	246	35	0.58	0-500	10,001 - 15,000	0.03	0.39	0.78	0.39
	>19 m	>11 - 15	13687	350	5.83	10,001 - 15,000	50,001-75,000	0.39	1.26	5.04	5.04
	2124	>0 - 5	2860	58	0.97	2,001 - 3,000	50,001 - 75,000	0.17	0.39	5.28	5.28
	>19 m	>11 - 15	3521	420	7.00	3001 - 4000	10,001 - 15,000	0.27	0.39	1.56	1.56
	2124	>0 - 5	2800	58	0.97	2,001 - 3,000	50,001 - 75,000	0.17	0.39	5.28	5.28
	2124	>0 - 5	2768	58	0.97	2,001 - 3,000	50,001 - 75,000	0.17	0.39	2.64	5.28
	>19 m	>11 - 15	904	24	0.40	501 - 1,000	50,001-75,000	0.07	1.26	5.04	5.04
	> 19	>15	2332	94	1.57	2,001 - 3,000	35,001 - 50,000	0.16	0.65	0.65	0.65
	> 12	>15	827	231	3.85	501 - 1,000	5,001 - 6,000	0.05	0.31	1.24	1.24

**OOO TCW Acute WET Testing Data May 2023 - April 2025<sup>7</sup>**

	Discharge Depth to Seafloor (m) <sup>1</sup>	Pipe Diameter (inch) <sup>1</sup>	Total Volume Discharged (bbls) <sup>1,2</sup>	Duration of Discharge (minutes) <sup>1,2</sup>	Duration of Discharge (hours) <sup>1,2</sup>	Discharge Rate (bbl/day)		Appendix D, Table 1 - Critical Dilution <sup>4,5</sup>		Acute 48-H Whole Effluent Toxicity (WET) <sup>4</sup>	
						Actual Vol (discharged in 24 hrs) <sup>1,2,3</sup>	Extrapolated (over 24 hrs) <sup>1,2,3</sup>	Based on Actual Volume	Based on Extrapolated Rate (51726)	<i>M. beryllina</i>	<i>A. bahia</i>
										NOEC (TOM6J) <sup>6</sup>	NOEC (TOM3E) <sup>6</sup>
	> 12	>9 - 11	300	120	2.00	0-500	3,001 - 4,000	0.04	0.35	1.4	1.4
	> 19	>15	505	60	1.00	501 - 1,000	10,001 - 15,000	0.05	0.39	1.56	1.56
	>19 m	>11 - 15	4089	530	8.83	4,001 - 5,000	10,001 - 15,000	0.33	0.39	1.56	1.56
	> 19	>15	505	60	1.00	501 - 1,000	10,001 - 15,000	0.05	0.39	1.56	1.56
	>19 m	>11 - 15	171	19	0.32	0-500	10,001 - 15,000	0.03	0.39	1.56	1.56
	>19 m	>11 - 15	4689	500	8.33	4,001 - 5,000	10,001 - 15,000	0.33	0.39	1.56	0.78
	>19 m	>11 - 15	2568	295	4.92	2,001-3,000	10,001 - 15,000	0.20	0.39	1.56	1.56
	> 12	>9 - 11	619	130	2.17	501 - 1,000	6,001 - 7,000	0.09	0.24	0.96	0.96
	> 19	>11 - 15	2062	315	5.25	2,001 - 3,000	9,001 - 10,000	0.20	0.47	0.47	0.12
	> 19	>15	420	60	1.00	0-500	10,001 - 15,000	0.03	0.39	1.56	0.39
	> 19	>15	2889	182	3.03	2,001 - 3,000	20,001 - 25,000	0.16	0.48	1.92	0.96
	> 12	>11 - 15	1859	619	10.32	1,001 - 2,000	4,001 - 5,000	0.13	0.33	1.32	1.32
	> 19	>9 - 11	1422	128	2.13	1,001 - 2,000	15,001 - 20,000	0.18	0.44	0.88	0.88
	> 12	>0 - 5	820	360	6.00	501 - 1,000	3,001 - 4,000	0.11	0.19	0.76	0.1
	> 19	>11 - 15	2396	150	2.50	2,001 - 3,000	20,001 - 25,000	0.20	0.48	1.92	0.48
	> 19	>0 - 5	912	65	1.08	501 - 1,000	20,001 - 25,000	0.11	0.48	0.48	0.48
	> 19	>15	1415	52	0.87	1,001 - 2,000	35,001 - 50,000	0.10	0.65	2.6	2.6

**OOO TCW Acute WET Testing Data May 2023 - April 2025<sup>7</sup>**

	Discharge Depth to Seafloor (m) <sup>1</sup>	Pipe Diameter (inch) <sup>1</sup>	Total Volume Discharged (bbbls) <sup>1,2</sup>	Duration of Discharge (minutes) <sup>1,2</sup>	Duration of Discharge (hours) <sup>1,2</sup>	Discharge Rate (bbbl/day)		Appendix D, Table 1 - Critical Dilution <sup>4,5</sup>		Acute 48-H Whole Effluent Toxicity (WET) <sup>4</sup>	
						Actual Vol (discharged in 24 hrs) <sup>1,2,3</sup>	Extrapolated (over 24 hrs) <sup>1,2,3</sup>	Based on Actual Volume	Based on Extrapolated Rate (51726)	<i>M. beryllina</i>	<i>A. bahia</i>
										NOEC (TOM6J) <sup>6</sup>	NOEC (TOM3E) <sup>6</sup>
	> 19	>15	6063	606	10.10	6,001 - 7,000	10,001 - 15,000	0.36	0.39	0.78	0.78
	> 19	>15	1415	52	0.87	1,001 - 2,000	35,001 - 50,000	0.10	0.65	2.6	2.6
	> 12	>9 - 11	141	35	0.58	0-500	5,001 - 6,000	0.04	0.23	0.92	0.92
	> 19	>15	205	28	0.47	0-500	10,001 - 15,000	0.03	0.39	0.78	0.1
	2051	>0 - 5	615	75	1.25	501 - 1,000	1,001 - 2,000	0.11	0.15	0.6	0.15
	5	>15	29	33	0.55	0-500	1,001 - 2,000	0.03	0.10	0.88	0.22
	> 19	>11 - 15	1784	180	3.00	1,001 - 2,000	10,001 - 15,000	0.13	0.39	0.39	0.1
	5	>15	29	21	0.35	0-500	1,001 - 2,000	0.03	0.10	0.88	0.22
	> 19	>15	404	60	1.00	0-500	9,001 - 10,000	0.03	0.36	0.09	0.18
	> 19	>11 - 15	999	725	12.08	501 - 1,000	1,001 - 2,000	0.07	0.13	0.52	0.52
	> 19	>15	1464	90	1.50	1,001 - 2,000	20,001 - 25,000	0.10	0.48	0.12	0.12
	> 19	>15	540	60	1.00	501 - 1,000	10,001 - 15,000	0.05	0.39	1.56	0.2
	> 19	>15	540	60	1.00	501 - 1,000	10,001 - 15,000	0.05	0.39	1.56	0.78
	> 19	>15	510	60	1.00	501 - 1,000	10,001 - 15,000	0.05	0.39	1.56	1.56
	> 19	>15	500	60	1.00	0-500	10,001 - 15,000	0.03	0.39	1.56	1.56
	> 19	>15	520	60	1.00	501 - 1,000	10,001 - 15,000	0.05	0.39	1.56	1.56
	> 19	>15	480	60	1.00	0-500	10,001 - 15,000	0.03	0.39	1.56	1.56

**OOO TCW Acute WET Testing Data May 2023 - April 2025<sup>7</sup>**

	Discharge Depth to Seafloor (m) <sup>1</sup>	Pipe Diameter (inch) <sup>1</sup>	Total Volume Discharged (bbls) <sup>1,2</sup>	Duration of Discharge (minutes) <sup>1,2</sup>	Duration of Discharge (hours) <sup>1,2</sup>	Discharge Rate (bbl/day)		Appendix D, Table 1 - Critical Dilution <sup>4,5</sup>		Acute 48-H Whole Effluent Toxicity (WET) <sup>4</sup>	
						Actual Vol (discharged in 24 hrs) <sup>1,2,3</sup>	Extrapolated (over 24 hrs) <sup>1,2,3</sup>	Based on Actual Volume	Based on Extrapolated Rate (51726)	<i>M. beryllina</i>	<i>A. bahia</i>
										NOEC (TOM6J) <sup>6</sup>	NOEC (TOM3E) <sup>6</sup>
	> 19	>15	520	60	1.00	501 - 1,000	10,001 - 15,000	0.05	0.39	1.56	1.56
	1,054	>15	947	85	1.42	501 - 1,000	15,001 - 20,000	0.05	0.44	1.76	1.76
	> 19	>15	490	60	1.00	0-500	10,001 - 15,000	0.03	0.39	1.56	1.56
	1864	>15	745	235	3.92	501 - 1,000	4,001 - 5,000	0.05	0.26	1.04	1.04
	2	>7 - 9	10	30	0.50	0-500	0-500	0.05	0.05	0.16	0.16
	1,054	>15	3,069	120	2.00	3,001 - 4,000	35,001 - 50,000	0.21	0.65	2.60	1.30
	2051	>0 - 5	635	75	1.25	501 - 1,000	2,001 - 3,000	0.11	0.17	0.68	0.17
	1,054	>15	2,346	120	2.00	2,001 - 3,000	25,001 - 35,000	0.16	0.56	2.24	2.24
	>19 m	>11 - 15	140	16	0.27	0-500	10,001 - 15,000	0.03	0.39	1.56	0.39
	1873	>15	1925	1873	31.22	1,001 - 2,000	25,001 - 35,000	0.10	0.10	2.24	2.24
	>19 m	>11 - 15	322	37	0.62	0-500	10,001 - 15,000	0.03	0.39	1.56	0.78
	2122	>0 - 5	740	65	1.08	501 - 1,000	2,001 - 3,000	0.08	0.17	0.68	0.68
	>19 m	>5 - 7	151	30	0.50	0-500	7,001-8,000	0.07	0.19	0.76	0.76

### OOC TCW Acute WET Testing Data May 2023 - April 2025<sup>7</sup>

	Discharge Depth to Seafloor (m) <sup>1</sup>	Pipe Diameter (inch) <sup>1</sup>	Total Volume Discharged (bbls) <sup>1,2</sup>	Duration of Discharge (minutes) <sup>1,2</sup>	Duration of Discharge (hours) <sup>1,2</sup>	Discharge Rate (bbl/day)		Appendix D, Table 1 - Critical Dilution <sup>4,5</sup>		Acute 48-H Whole Effluent Toxicity (WET) <sup>4</sup>	
						Actual Vol (discharged in 24 hrs) <sup>1,2,3</sup>	Extrapolated (over 24 hrs) <sup>1,2,3</sup>	Based on Actual Volume	Based on Extrapolated Rate (51726)	<i>M. beryllina</i>	<i>A. bahia</i>
										NOEC (TOM6J) <sup>6</sup>	NOEC (TOM3E) <sup>6</sup>

**Footnotes:**

1: Columns A - G are data used for CORMIX modelling to predict Critical Dilution.

2: Some discharge durations were intentionally lengthened or had additional dilution seawater added to improve the Critical Dilution.

3: Actual Volume Discharge Rate range is the true volume that was discharged during that 24 hour period. Extrapolated Discharge Rate takes the Actual (true) flowrate and then assumes that it is extended out to 24 hours. In the GMG290000 permit, flow rate for the CORMIX model is determined by extrapolating the hourly discharge to 24 hours if the discharge lasts less than 24 hours in duration (overestimating for discharges <24 hours).

4: The episodic and short-duration nature of TCW discharges, characterized by infrequent, brief discharge events that are tied to specific well treatment or maintenance activities, present unique challenges for consistent compliance with acute toxicity thresholds, makes it difficult to predict when discharges will occur and to collect representative samples for acute WET testing, which is typically designed for more continuous or sustained effluent streams. Since TCW discharges are of

short duration, the comparison of 48-h NOEC with critical dilutions as an indicator of potential for acute toxicity has a high degree of conservatism.

5: The Critical Dilutions are based on Appendix D, Table 1 (1-A through 1-F) of NPDES permit GMG290000.

6: The parenthetical codes listed after the No Observable Effect Concentration (NOEC) are the report field designators in the Discharge Monitoring Report.

7: Provided by OOC member companies who participated in the study.