

**Waste Code 01**  
**Salt Water / Produced Brine**

Count	Validated Batch#	TCLP Benzene	Estimated Total Benzene
1	1207243	<0.005	0.0
2	1752707	<0.005	0.0
3	1317913	<0.05	0.0
4	1538120	<0.05	0.0
5	1773560	<0.05	0.0
6	1778560	<0.05	0.0
7	1778591	<0.05	0.0
8	1874627	<0.05	0.0
9	1914828	<0.05	0.0
10	1554398	<0.1	0.1
11	1613569	<0.1	0.1
12	1653391	<0.1	0.1
13	1710504	<0.1	0.1
14	1731774	<0.1	0.1
15	1737084	<0.1	0.1
16	1774221	<0.1	0.1
17	1847084	<0.1	0.1
18	1852995	<0.1	0.1
19	1861136	<0.1	0.1
20	2057164	<0.1	0.1
21	1119205	<0.1	0.1
22	2035012	<0.2	0.1
23	1448684	0.005	0.0
24	1846809	0.005	0.0
25	1778677	0.010	0.0
26	1874611	0.010	0.0
27	1426352	0.060	0.1
28	1874626	0.072	0.1
29	960704	0.100	0.1
30	1808141	0.130	0.2
31	1606371	0.140	0.2
32	1914805	0.140	0.2
33	1712485	0.250	0.3
34	1778443	0.250	0.3
35	1436924	0.280	0.3
36	1773391	0.290	0.3
37	1778663	0.320	0.4
38	1887934	0.320	0.4
39	2007471	0.320	0.4
40	1449281	0.333	0.4
41	1780058	0.400	0.5
42	1515749	0.490	0.6
43	1779905	0.570	0.7
44	916229	0.630	0.7
45	2007443	0.680	0.8
46	1032823	0.750	0.9
47	1537659	0.760	0.9
48	1411250	0.860	1.0
49	1938485	0.900	1.1
50	1890546	0.910	1.1
51	1992594	1.100	1.3
52	1164235	1.200	1.4
53	1582182	1.200	1.4
54	2007477	3.000	3.6
55	1044186	3.200	3.8
56	1032824	3.600	4.3

**Waste Code 01**  
**Salt Water / Produced Brine**

Count	Validated Batch#	TCLP Benzene	Estimated Total Benzene
57	1603245	17.000	20.2
58	1891349	40.500	48.2
59	1349299	90.000	107.1

Notes: Estimated Total Benzene calculated using  
TCLP factor for Waste Code 01 (1.19)

1/2 the value of non-detects used in  
calculation of estimated total benzene

**Waste Code 02  
Oil Based Mud / Cuttings**

Count	Validated Batch#	TCLP Benzene	Estimated Total Benzene
1	1207217	<.005	0.0
2	1269923	<.005	0.0
3	1269925	<.005	0.0
4	1538291	<.005	0.0
5	1258438	<.01	0.0
6	1449083	<.01	0.0
7	1740673	<.01	0.0
8	1761448	<.01	0.0
9	1333191	<.025	0.0
10	1848829	<.025	0.0
11	1848840	<.025	0.0
12	1848852	<.025	0.0
13	1148403	<.05	0.1
14	1240093	<.05	0.1
15	1290940	<.05	0.1
16	1362924	<.05	0.1
17	1363689	<.05	0.1
18	1418259	<.05	0.1
19	1445301	<.05	0.1
20	1461553	<.05	0.1
21	1473157	<.05	0.1
22	1485683	<.05	0.1
23	1505137	<.05	0.1
24	1505149	<.05	0.1
25	1551371	<.05	0.1
26	1566412	<.05	0.1
27	1639885	<.05	0.1
28	1726573	<.05	0.1
29	1731922	<.05	0.1
30	1732092	<.05	0.1
31	1761620	<.05	0.1
32	1791284	<.05	0.1
33	1833191	<.05	0.1
34	1846646	<.05	0.1
35	1849013	<.05	0.1
36	1874395	<.05	0.1
37	1880746	<.05	0.1
38	1881267	<.05	0.1
39	1885629	<.05	0.1
40	1891454	<.05	0.1
41	1914895	<.05	0.1
42	1922567	<.05	0.1
43	1983378	<.05	0.1
44	1990702	<.05	0.1
45	2035027	<.05	0.1
46	2049619	<.05	0.1
47	2049621	<.05	0.1
48	327165	<.1	0.1
49	672812	<.1	0.1
50	1010469	<.1	0.1
51	1164223	<.1	0.1
52	1273441	<.1	0.1
53	1351508	<.1	0.1
54	1355829	<.1	0.1
55	1363697	<.1	0.1
56	1381294	<.1	0.1

**Waste Code 02  
Oil Based Mud / Cuttings**

57	1418289	<.1	0.1
58	1422915	<.1	0.1
59	1451057	<.1	0.1
60	1461444	<.1	0.1
61	1461446	<.1	0.1
62	1461454	<.1	0.1
63	1461735	<.1	0.1
64	1461825	<.1	0.1
65	1461952	<.1	0.1
66	1462025	<.1	0.1
67	1462043	<.1	0.1
68	1462070	<.1	0.1
69	1462159	<.1	0.1
70	1473010	<.1	0.1
71	1473156	<.1	0.1
72	1473338	<.1	0.1
73	1505198	<.1	0.1
74	1516658	<.1	0.1
75	1519006	<.1	0.1
76	1519010	<.1	0.1
77	1519183	<.1	0.1
78	1566217	<.1	0.1
79	1613493	<.1	0.1
80	1639761	<.1	0.1
81	1652826	<.1	0.1
82	1734670	<.1	0.1
83	1752379	<.1	0.1
84	1773620	<.1	0.1
85	1808505	<.1	0.1
86	1811891	<.1	0.1
87	1819939	<.1	0.1
88	1833242	<.1	0.1
89	1849244	<.1	0.1
90	1849514	<.1	0.1
91	1869528	<.1	0.1
92	1880747	<.1	0.1
93	1884055	<.1	0.1
94	1895704	<.1	0.1
95	1918187	<.1	0.1
96	1922489	<.1	0.1
97	1936553	<.1	0.1
98	1983860	<.1	0.1
99	1990406	<.1	0.1
100	1990408	<.1	0.1
101	1990412	<.1	0.1
102	1990414	<.1	0.1
103	1991666	<.1	0.1
104	1992485	<.1	0.1
105	2013090	<.1	0.1
106	2049349	<.1	0.1
107	2049399	<.1	0.1
108	2049432	<.1	0.1
109	2049764	<.1	0.1
110	2049765	<.1	0.1
111	2049769	<.1	0.1
112	2049784	<.1	0.1
113	2050032	<.1	0.1
114	2050082	<.1	0.1
115	2050330	<.1	0.1

**Waste Code 02  
Oil Based Mud / Cuttings**

116	2050335	<.1	0.1
117	1401679	<.2	0.3
118	1420919	<.2	0.3
119	1485677	<0.2	0.3
120	1590671	<0.2	0.3
121	1606508	<0.2	0.3
122	1606515	<0.2	0.3
123	1732282	<0.2	0.3
124	1329096	<0.25	0.4
125	1606363	<0.4	0.6
126	1726553	<0.5	0.7
127	1606979	<12	17.4
128	9954673	0.003	0.0
129	9954675	0.003	0.0
130	9954895	0.004	0.0
131	1918138	0.006	0.0
132	9955039	0.007	0.0
133	1896097	0.025	0.1
134	1804996	0.030	0.1
135	1866170	0.050	0.1
136	1292945	0.066	0.2
137	1712192	0.076	0.2
138	1449190	0.096	0.3
139	1914876	0.110	0.3
140	1643118	0.340	1.0
141	1461443	0.560	1.6
142	1258351	0.620	1.8
143	1416384	1.600	4.6
144	1824856	1.900	5.5
145	1790294	2.400	7.0
146	1563351	3.600	10.4
147	1853505	5.200	15.1
148	1778285	63.600	184.4

Notes: Estimated Total Benzene calculated using  
TCLP factor for Waste Code 02 (2.9)

1/2 the value of non-detects used in  
calculation of estimated total benzene

**Waste Code 03**  
**Water Based Mud / Cuttings**

Count	Validated Batch#	TCLP Benzene	Estimated Total Benzene
1	2057401	<.0024	0.003
2	1465351	<.005	0.007
3	1481018	<.005	0.007
4	1731731	<.005	0.007
5	1761609	<.005	0.007
6	1874216	<.005	0.007
7	1885462	<.005	0.007
8	1896024	<.005	0.007
9	572467	<.01	0.015
10	1734083	<.01	0.015
11	1740398	<.01	0.015
12	1258454	<.025	0.036
13	1402185	<.025	0.036
14	1848838	<.025	0.036
15	1848851	<.025	0.036
16	2050240	<.025	0.036
17	1164259	<.05	0.073
18	1196173	<.05	0.073
19	1196174	<.05	0.073
20	1298873	<.05	0.073
21	1355823	<.05	0.073
22	1367418	<.05	0.073
23	1391935	<.05	0.073
24	1421181	<.05	0.073
25	1461711	<.05	0.073
26	1461713	<.05	0.073
27	1461722	<.05	0.073
28	1525425	<.05	0.073
29	1530656	<.05	0.073
30	1530663	<.05	0.073
31	1534258	<.05	0.073
32	1554375	<.05	0.073
33	1562370	<.05	0.073
34	1564254	<.05	0.073
35	1564255	<.05	0.073
36	1564266	<.05	0.073
37	1597549	<.05	0.073
38	1598239	<.05	0.073
39	1643552	<.05	0.073
40	1650809	<.05	0.073
41	1663472	<.05	0.073
42	1726584	<.05	0.073
43	1734090	<.05	0.073
44	1752258	<.05	0.073
45	1759232	<.05	0.073
46	1762873	<.05	0.073
47	1773664	<.05	0.073
48	1784501	<.05	0.073
49	1790282	<.05	0.073
50	1847067	<.05	0.073
51	1847308	<.05	0.073
52	1847448	<.05	0.073
53	1847951	<.05	0.073
54	1848171	<.05	0.073
55	1849650	<.05	0.073
56	1862501	<.05	0.073

**Waste Code 03**  
**Water Based Mud / Cuttings**

Count	Validated Batch#	TCLP Benzene	Estimated Total Benzene
57	1869520	<.05	0.073
58	1874607	<.05	0.073
59	1875184	<.05	0.073
60	1880752	<.05	0.073
61	1885970	<.05	0.073
62	1905179	<.05	0.073
63	1910259	<.05	0.073
64	1983354	<.05	0.073
65	2030057	<.05	0.073
66	2030681	<.05	0.073
67	2035019	<.05	0.073
68	2049234	<.05	0.073
69	2056404	<.05	0.073
70	869336	<.1	0.145
71	1010290	<.1	0.145
72	1240089	<.1	0.145
73	1240098	<.1	0.145
74	1240105	<.1	0.145
75	1258357	<.1	0.145
76	1290950	<.1	0.145
77	1292900	<.1	0.145
78	1360799	<.1	0.145
79	1363668	<.1	0.145
80	1367419	<.1	0.145
81	1368232	<.1	0.145
82	1382995	<.1	0.145
83	1424437	<.1	0.145
84	1445123	<.1	0.145
85	1449106	<.1	0.145
86	1449222	<.1	0.145
87	1461801	<.1	0.145
88	1462135	<.1	0.145
89	1463289	<.1	0.145
90	1472846	<.1	0.145
91	1473343	<.1	0.145
92	1484508	<.1	0.145
93	1516653	<.1	0.145
94	1516656	<.1	0.145
95	1525435	<.1	0.145
96	1534352	<.1	0.145
97	1537591	<.1	0.145
98	1547043	<.1	0.145
99	1554592	<.1	0.145
100	1566215	<.1	0.145
101	1590608	<.1	0.145
102	1594982	<.1	0.145
103	1606701	<.1	0.145
104	1650897	<.1	0.145
105	1650988	<.1	0.145
106	1651059	<.1	0.145
107	1731801	<.1	0.145
108	1734330	<.1	0.145
109	1737115	<.1	0.145
110	1740418	<.1	0.145
111	1746619	<.1	0.145
112	1751965	<.1	0.145

**Waste Code 03**  
**Water Based Mud / Cuttings**

Count	Validated Batch#	TCLP Benzene	Estimated Total Benzene
113	1759241	<.1	0.145
114	1759244	<.1	0.145
115	1769542	<.1	0.145
116	1778338	<.1	0.145
117	1784557	<.1	0.145
118	1784621	<.1	0.145
119	1804747	<.1	0.145
120	1804760	<.1	0.145
121	1809739	<.1	0.145
122	1811878	<.1	0.145
123	1833220	<.1	0.145
124	1844301	<.1	0.145
125	1845501	<.1	0.145
126	1845512	<.1	0.145
127	1846031	<.1	0.145
128	1846081	<.1	0.145
129	1846975	<.1	0.145
130	1846992	<.1	0.145
131	1849121	<.1	0.145
132	1849272	<.1	0.145
133	1849449	<.1	0.145
134	1853394	<.1	0.145
135	1866409	<.1	0.145
136	1869539	<.1	0.145
137	1885375	<.1	0.145
138	1885455	<.1	0.145
139	1885457	<.1	0.145
140	1885460	<.1	0.145
141	1891131	<.1	0.145
142	1891352	<.1	0.145
143	1900805	<.1	0.145
144	1905265	<.1	0.145
145	1922483	<.1	0.145
146	1936520	<.1	0.145
147	1937075	<.1	0.145
148	1938414	<.1	0.145
149	1984352	<.1	0.145
150	1990407	<.1	0.145
151	1991682	<.1	0.145
152	2007647	<.1	0.145
153	2049766	<.1	0.145
154	2049780	<.1	0.145
155	2049782	<.1	0.145
156	2049952	<.1	0.145
157	2050086	<.1	0.145
158	2050320	<.1	0.145
159	2057202	<.1	0.145
160	9554126	<.1	0.145
161	1401657	<.2	0.290
162	1401658	<.2	0.290
163	1461714	<.2	0.290
164	1613053	<.2	0.290
165	1751916	<.2	0.290
166	1754535	<.2	0.290
167	1762705	<.2	0.290
168	1762717	<.2	0.290



**Waste Code 03**  
**Water Based Mud / Cuttings**

Count	Validated Batch#	TCLP Benzene	Estimated Total Benzene
169	1762824	<.2	0.290
170	1762825	<.2	0.290
171	1762827	<.2	0.290
172	1762828	<.2	0.290
173	1762834	<.2	0.290
174	1762835	<.2	0.290
175	1763047	<.2	0.290
176	1763162	<.2	0.290
177	1778296	<.2	0.290
178	1590648	<.2	0.290
179	1449061	<.5	0.290
180	1726581	<.5	0.290
181	1732278	<.5	0.290
182	1990403	<.5	0.290
183	9954674	0.002	0.006
184	9954770	0.002	0.006
185	9954771	0.002	0.006
186	9954806	0.002	0.006
187	9954819	0.002	0.006
188	9954678	0.003	0.009
189	9954700	0.003	0.009
190	9954677	0.004	0.012
191	1976956	0.005	0.015
192	1984144	0.005	0.015
193	1849700	0.01	0.029
194	1874396	0.012	0.035
195	9954699	0.018	0.052
196	1937107	0.03	0.087
197	1464848	0.039	0.113
198	572468	0.054	0.157
199	1874787	0.067	0.194
200	1846181	0.07	0.203
201	1886536	0.075	0.218
202	1983814	0.08	0.232
203	1852904	0.09	0.261
204	1603220	0.0937	0.272
205	1804739	0.1	0.290
206	1828077	0.11	0.319
207	2049729	0.14	0.406
208	1653502	0.17	0.493
209	2013084	0.17	0.493
210	1590759	0.24	0.696
211	1819589	0.29	0.841
212	1846299	0.74	2.15
213	1922543	1	2.90
214	1562813	1.5	4.35
215	1461442	2.6	7.54
216	1461445	3.6	10.44
217	1982201	70	203.00
218	1982208	1100	3190.00

Notes: Estimated Total Benzene calculated using  
TCLP factor for Waste Code 03 (2.9)

1/2 the value of non-detects used in

**Waste Code 03**  
**Water Based Mud / Cuttings**

Count	Validated Batch#	TCLP Benzene	Estimated Total Benzene
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calculation of estimated total benzene

**Waste Code 04  
Workover / Completion Fluids**

Count	Validated Batch#	TCLP Benzene	Estimated Total Benzene
1	1375719	<.005	0.005
2	1538294	<.005	0.005
3	1580046	<.005	0.005
4	1733930	<.005	0.005
5	1754929	<.005	0.005
6	1249198	<.025	0.024
7	1333190	<.025	0.024
8	1848780	<.025	0.024
9	1848783	<.025	0.024
10	1848793	<.025	0.024
11	1848860	<.025	0.024
12	1848900	<.025	0.024
13	1986280	<.025	0.024
14	1136855	<.05	0.049
15	1164239	<.05	0.049
16	1236642	<.05	0.049
17	1272793	<.05	0.049
18	1418256	<.05	0.049
19	1418264	<.05	0.049
20	1422922	<.05	0.049
21	1462035	<.05	0.049
22	1505143	<.05	0.049
23	1532393	<.05	0.049
24	1538331	<.05	0.049
25	1554582	<.05	0.049
26	1566325	<.05	0.049
27	1606370	<.05	0.049
28	1721800	<.05	0.049
29	1726545	<.05	0.049
30	1726546	<.05	0.049
31	1726576	<.05	0.049
32	1726599	<.05	0.049
33	1731639	<.05	0.049
34	1731790	<.05	0.049
35	1737260	<.05	0.049
36	1759210	<.05	0.049
37	1759211	<.05	0.049
38	1759230	<.05	0.049
39	1762014	<.05	0.049
40	1782436	<.05	0.049
41	1846558	<.05	0.049
42	1849497	<.05	0.049
43	1849500	<.05	0.049
44	1866163	<.05	0.049
45	1875166	<.05	0.049
46	1875256	<.05	0.049
47	1880970	<.05	0.049
48	1908765	<.05	0.049
49	1908832	<.05	0.049
50	571625	<.1	0.195
51	1010835	<.1	0.195
52	1148081	<.1	0.195
53	1217332	<.1	0.195
54	1258354	<.1	0.195
55	1258593	<.1	0.195
56	1291341	<.1	0.195

**Waste Code 04  
Workover / Completion Fluids**

Count	Validated Batch#	TCLP Benzene	Estimated Total Benzene
57	1356316	<.1	0.195
58	1363691	<.1	0.195
59	1364837	<.1	0.195
60	1364928	<.1	0.195
61	1368395	<.1	0.195
62	1418285	<.1	0.195
63	1424154	<.1	0.195
64	1448682	<.1	0.195
65	1448714	<.1	0.195
66	1461566	<.1	0.195
67	1462047	<.1	0.195
68	1462072	<.1	0.195
69	1485617	<.1	0.244
70	1505129	<.1	0.244
71	1505169	<.1	0.244
72	1519042	<.1	0.488
73	1519410	<.1	0.488
74	1530321	<.1	0.488
75	1533866	<.1	0.488
76	1537537	<.1	0.488
77	1537588	<.1	0.488
78	1538083	<.1	0.975
79	1538330	<.1	0.975
80	1551391	<.1	0.975
81	1562811	<.1	0.975
82	1566328	<.1	0.975
83	1566331	<.1	0.975
84	1578170	<.1	0.975
85	1583740	<.1	0.975
86	1695914	<.1	0.975
87	1696724	<.1	0.975
88	1696748	<.1	0.975
89	1712913	<.1	0.975
90	1731772	<.1	0.975
91	1731789	<.1	0.975
92	1732096	<.1	0.975
93	1734724	<.1	0.975
94	1734770	<.1	0.975
95	1736435	<.1	0.975
96	1737107	<.1	0.975
97	1737113	<.1	0.975
98	1737119	<.1	0.975
99	1737120	<.1	0.975
100	1739904	<.1	0.975
101	1739913	<.1	0.975
102	1746109	<.1	0.975
103	1746113	<.1	0.975
104	1754379	<.1	0.975
105	1759209	<.1	0.975
106	1759233	<.1	0.975
107	1759239	<.1	0.975
108	1762013	<.1	0.975
109	1779904	<.1	0.975
110	1790298	<.1	0.975
111	1791217	<.1	0.975
112	1804301	<.1	0.975

**Waste Code 04**  
**Workover / Completion Fluids**

Count	Validated Batch#	TCLP Benzene	Estimated Total Benzene
113	1808158	<.1	0.975
114	1808538	<.1	0.975
115	1808628	<.1	0.975
116	1810252	<.1	0.975
117	1833146	<.1	0.975
118	1846707	<.1	0.975
119	1846711	<.1	0.975
120	1846712	<.1	0.975
121	1846717	<.1	0.975
122	1846718	<.1	0.975
123	1846925	<.1	0.975
124	1846982	<.1	0.975
125	1847006	<.1	0.975
126	1847069	<.1	0.975
127	1847070	<.1	0.975
128	1847071	<.1	0.975
129	1847447	<.1	0.975
130	1847472	<.1	0.975
131	1847539	<.1	0.975
132	1853531	<.1	0.975
133	1853534	<.1	0.975
134	1853546	<.1	0.975
135	1865737	<.1	0.975
136	1866129	<.1	0.975
137	1866178	<.1	0.975
138	1876677	<.1	0.975
139	1876885	<.1	0.975
140	1887395	<.1	0.975
141	1891129	<.1	0.975
142	1900943	<.1	0.975
143	1901532	<.1	0.975
144	1908892	<.1	0.975
145	1914195	<.1	0.975
146	1918093	<.1	0.975
147	1938726	<.1	0.975
148	1983847	<.1	0.975
149	1983850	<.1	0.975
150	1989401	<.1	0.975
151	1990118	<.1	0.975
152	1990404	<.1	0.975
153	1990415	<.1	0.975
154	1991754	<.1	0.975
155	2035508	<.1	0.975
156	2035604	<.1	0.975
157	2035607	<.1	0.975
158	2035762	<.1	0.975
159	2035767	<.1	0.975
160	2035843	<.1	0.975
161	2043448	<.1	0.975
162	2043456	<.1	0.975
163	2043458	<.1	0.975
164	2043466	<.1	0.975
165	2043485	<.1	0.975
166	2049345	<.1	0.975
167	2050020	<.1	0.975
168	2050341	<.1	0.975

**Waste Code 04**  
**Workover / Completion Fluids**

Count	Validated Batch#	TCLP Benzene	Estimated Total Benzene
169	1360780	<.2	0.975
170	1401655	<.2	0.975
171	1411751	<.2	0.975
172	1532325	<.2	0.975
173	1533883	<.2	0.975
174	1554395	<.2	0.975
175	1575503	<.2	0.975
176	1575521	<.2	0.975
177	1606323	<.2	0.975
178	1734810	<.2	0.975
179	1746655	<.2	0.975
180	1762896	<.2	0.975
181	1778687	<.2	0.975
182	1866176	<.2	0.975
183	1884980	<.2	0.975
184	1900813	<.2	0.975
185	1900820	<.2	0.975
186	1900849	<.2	0.975
187	1937801	<.2	0.975
188	1726548	<.25	0.975
189	1731759	<.25	0.975
190	1901637	<.25	0.975
191	1240593	<.5	0.975
192	1315374	<.5	0.975
193	1846977	<.5	0.975
194	1900827	<.5	0.975
195	1901099	<.5	0.975
196	2035752	<.5	0.975
197	1553774	<.5	4.88
198	1164294	<20	19.50
199	1301571	<20	19.50
200	1591256	<20	19.50
201	1853511	<20	19.50
202	9954803	0.003	0.01
203	1885059	0.008	0.02
204	1895724	0.010	0.02
205	1603555	0.011	0.02
206	9954697	0.020	0.04
207	9954955	0.075	0.15
208	1900935	0.084	0.16
209	1538031	0.100	0.20
210	1532394	0.120	0.23
211	1733910	0.120	0.23
212	1734081	0.130	0.25
213	1755790	0.140	0.27
214	1896035	0.140	0.27
215	1164264	0.160	0.31
216	1289390	0.160	0.31
217	1937078	0.160	0.31
218	1759246	0.170	0.33
219	1737116	0.180	0.35
220	2050315	0.190	0.37
221	1273440	0.200	0.39
222	1922602	0.200	0.39
223	1525150	0.230	0.45
224	1462023	0.240	0.47

**Waste Code 04**  
**Workover / Completion Fluids**

Count	Validated Batch#	TCLP Benzene	Estimated Total Benzene
225	1847002	0.240	0.47
226	1803901	0.250	0.49
227	2049436	0.260	0.51
228	1778676	0.270	0.53
229	1808515	0.270	0.53
230	1885493	0.270	0.53
231	1803903	0.280	0.55
232	1351450	0.320	0.62
233	1449223	0.330	0.64
234	1584311	0.340	0.66
235	1563308	0.410	0.80
236	1449175	0.440	0.86
237	1755414	0.440	0.86
238	2050056	0.460	0.90
239	1269510	0.470	0.92
240	1258579	0.490	0.96
241	1533865	0.570	1.11
242	2049438	0.570	1.11
243	1473218	0.580	1.13
244	1774122	0.600	1.17
245	1782428	0.660	1.29
246	1885067	0.720	1.40
247	2035789	0.950	1.85
248	1908715	0.990	1.93
249	1887810	1.00	1.95
250	1731572	1.12	2.18
251	2050310	1.20	2.34
252	1812153	1.29	2.52
253	1606324	1.32	2.57
254	1164209	1.50	2.93
255	1461723	1.50	2.93
256	1990151	1.51	2.94
257	1473091	1.80	3.51
258	1590936	1.90	3.71
259	1233721	2.20	4.29
260	1885182	3.64	7.10
261	1504245	4.00	7.80
262	1784716	4.10	8.00
263	1331499	5.00	9.75
264	1811931	5.22	10.18
265	1696502	5.70	11.12
266	1885005	6.87	13.40
267	1731840	7.00	13.65
268	9954769	10.40	20.29
269	9954679	13.86	27.03
270	1908835	20.00	39.00
271	1733782	116.00	226.20
272	1876644	170.00	331.50
273	9954814	842.73	1643.32
274	1812103	907.32	1769.27

4  
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2  
1

Notes: Estimated Total Benzene calculated using  
TCLP factor for Waste Code 04 (1.95)

1/2 the value of non-detects used in

**Waste Code 04**  
**Workover / Completion Fluids**

Count	Validated Batch#	TCLP Benzene	Estimated Total Benzene
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calculation of estimated total benzene



**Waste Code 05  
Production Pit Sludge**

Count	Validated Batch#	TCLP Benzene	Estimated Total Benzene
1	1582187	<.05	0.3
2	1762762	<.05	0.3
3	1849606	<.05	0.3
4	1885644	<.05	0.3
5	1025687	<.1	0.5
6	1306382	<.1	0.5
7	1449296	<.1	0.5
8	1554442	<.1	0.5
9	1847039	<.1	0.5
10	1986621	<.1	0.5
11	1532490	<.2	1.1
12	9954778	0.009	0.1
13	9954777	0.145	1.5
14	1217365	0.280	2.9
15	9954809	0.382	4.0
16	1598240	0.510	5.4
17	2049437	0.640	6.7
18	1418367	0.850	8.9
19	1736570	2.90	30.5
20	9954804	7.33	76.9

Notes: Estimated Total Benzene calculated using  
TCLP factor for Waste Code 05 (10.5)

1/2 the value of non-detects used in  
calculation of estimated total benzene

**Waste Code 06  
Production Tank Sludge**

Count	Validated Batch#	TCLP Benzene	Estimated Total Benzene
1	9954812	<.0024	0.01
2	9954957	<.0024	0.01
3	9954959	<.0024	0.01
4	1480780	<.005	0.03
5	1726935	<.005	0.03
6	1287131	<.01	0.05
7	1756271	<.01	0.05
8	1273431	<.05	0.26
9	1564276	<.05	0.26
10	1712301	<.05	0.26
11	1734828	<.05	0.26
12	1755582	<.05	0.26
13	1759355	<.05	0.26
14	1895986	<.05	0.26
15	1908831	<.05	0.26
16	9958979	<.05	0.26
17	832147	<.1	0.53
18	1050881	<.1	0.53
19	1122732	<.1	0.53
20	1206985	<.1	0.53
21	1384383	<.1	0.53
22	1441689	<.1	0.53
23	1472850	<.1	0.53
24	1504250	<.1	0.53
25	1504254	<.1	0.53
26	1505150	<.1	0.53
27	1597965	<.1	0.53
28	1731501	<.1	0.53
29	1732432	<.1	0.53
30	1763179	<.1	0.53
31	1773412	<.1	0.53
32	1780045	<.1	0.53
33	1819880	<.1	0.53
34	1876681	<.1	0.53
35	1876684	<.1	0.53
36	1908874	<.1	0.53
37	1976282	<.1	0.53
38	2043463	<.1	0.53
39	1563136	<.2	1.05
40	1759110	<.2	1.05
41	1846847	<.25	1.31
42	9954727	0.002	0.02
43	9954956	0.002	0.03
44	9954780	0.003	0.03
45	9954676	0.007	0.07
46	9954781	0.019	0.20
47	2049894	0.025	0.26
48	1377795	0.050	0.53
49	1779937	0.068	0.71
50	1655641	0.081	0.85
51	1655796	0.087	0.91
52	1756272	0.087	0.91
53	1538159	0.089	0.93
54	814466	0.104	1.09
55	1495090	0.120	1.26
56	1780037	0.130	1.37

**Waste Code 06  
Production Tank Sludge**

Count	Validated Batch#	TCLP Benzene	Estimated Total Benzene
57	1734690	0.140	1.47
58	1734689	0.150	1.58
59	1240102	0.160	1.68
60	1338710	0.170	1.79
61	1567111	0.170	1.79
62	1567523	0.180	1.89
63	1303198	0.200	2.10
64	9954818	0.224	2.35
65	1653592	0.230	2.42
66	1554376	0.240	2.52
67	1848794	0.240	2.52
68	1411230	0.250	2.63
69	9958872	0.250	2.63
70	9954726	0.262	2.75
71	1849599	0.280	2.94
72	1628021	0.320	3.36
73	1547044	0.350	3.68
74	1914740	0.350	3.68
75	1463312	0.360	3.78
76	1849228	0.360	3.78
77	9954725	0.362	3.80
78	1808019	0.400	4.20
79	9958978	0.423	4.44
80	1805070	0.460	4.83
81	1343389	0.470	4.94
82	1585457	0.490	5.15
83	1824636	0.500	5.25
84	1386190	0.510	5.36
85	1769568	0.540	5.67
86	1992609	0.680	7.14
87	1343390	0.780	8.19
88	1143023	0.790	8.30
89	1805001	0.790	8.30
90	1908768	0.840	8.82
91	1567904	0.856	8.99
92	988955	0.930	9.77
93	1356381	0.930	9.77
94	1778641	0.940	9.87
95	1736522	0.950	9.98
96	1778258	0.980	10.29
97	1241407	1.10	11.55
98	1657368	1.10	11.55
99	1326452	1.14	11.92
100	1708384	1.20	12.60
101	1847090	1.20	12.60
102	1050671	1.30	13.65
103	1696747	1.40	14.70
104	1819858	1.40	14.70
105	1823599	1.50	15.75
106	1067045	1.60	16.80
107	1248819	1.60	16.80
108	1721809	1.90	19.95
109	9958977	2.04	21.45
110	1802957	2.20	23.10
111	1343391	2.40	25.20
112	1472843	2.40	25.20

**Waste Code 06  
Production Tank Sludge**

Count	Validated Batch#	TCLP Benzene	Estimated Total Benzene
113	1846597	2.40	25.20
114	1240438	2.50	26.25
115	1805091	2.50	26.25
116	1726569	2.86	30.03
117	1652985	3.30	34.65
118	1696745	3.50	36.75
119	1343085	3.80	39.90
120	1731575	4.43	46.52
121	1732400	5.88	61.75
122	1848795	6.00	63.00
123	1712495	6.10	64.05
124	1245410	6.60	69.30
125	814470	7.50	78.75
126	1258236	8.50	89.25
127	1367851	9.73	102.17
128	1773554	11.00	115.50
129	1900103	11.00	115.50
130	1248073	13.00	136.50
131	2030740	13.68	143.61
132	1050941	14.00	147.00
133	571872	14.65	153.78
134	1984066	16.60	174.30
135	1547224	17.10	179.55
136	1847151	22.00	231.00
137	1976916	26.00	273.00
138	1779278	27.50	288.75
139	1866628	31.90	334.95
140	1742601	32.70	343.35
141	1885115	35.50	372.75
142	9959246	36.00	377.95
143	2035433	47.70	500.85
144	9959248	64.16	673.68
145	1832186	79.00	829.50
146	1782103	81.00	850.50
147	2035606	94.00	987.00
148	1259099	142.00	1491.00
149	9954768	228.70	2401.35
150	1127926	250.00	2625.00
151	1266763	287.00	3013.50
152	9959245	382.20	4013.10
153	2049810	400.00	4200.00
154	1984063	449.00	4714.50
155	1884989	534.00	5607.00
156	1266762	670.00	7035.00
157	1437016	1010.00	10605.00
158	1986279	1100.00	11550.00
159	1731578	2920.00	30660.00
160	1876753	3530.00	37065.00
161	1492125	5730.00	60165.00
162	1746620	15000.00	157500.00

Notes: Estimated Total Benzene calculated using  
TCLP factor for Waste Code 06 (10.5)

1/2 the value of non-detects used in

**Waste Code 06  
Production Tank Sludge**

Count	Validated Batch#	TCLP Benzene	Estimated Total Benzene
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calculation of estimated total benzene

**Waste Code 07  
Produced Sand / Solids**

Count	Validated Batch#	TCLP Benzene	Estimated Total Benzene
1	9954808	<.0024	0.01
2	9954811	<.0024	0.01
3	1746755	<.005	0.03
4	1145889	<.05	0.26
5	1327458	<.05	0.26
6	1532497	<.05	0.26
7	1538156	<.05	0.26
8	1597217	<.05	0.26
9	1721770	<.05	0.26
10	1721771	<.05	0.26
11	1726959	<.05	0.26
12	1846921	<.05	0.26
13	1847601	<.05	0.26
14	1938419	<.05	0.26
15	5771011	<.05	0.26
16	1067044	<.1	0.53
17	1136788	<.1	0.53
18	1196566	<.1	0.53
19	1272970	<.1	0.53
20	1273436	<.1	0.53
21	1276838	<.1	0.53
22	1303115	<.1	0.53
23	1303218	<.1	0.53
24	1461955	<.1	0.53
25	1463595	<.1	0.53
26	1511888	<.1	0.53
27	1516309	<.1	0.53
28	1516532	<.1	0.53
29	1516616	<.1	0.53
30	1538160	<.1	0.53
31	1590642	<.1	0.53
32	1597240	<.1	0.53
33	1732594	<.1	0.53
34	1733780	<.1	0.53
35	1762064	<.1	0.53
36	1808020	<.1	0.53
37	1824851	<.1	0.53
38	1847083	<.1	0.53
39	1849218	<.1	0.53
40	1850012	<.1	0.53
41	1891132	<.1	0.53
42	1905267	<.1	0.53
43	1908878	<.1	0.53
44	1912536	<.1	0.53
45	1933401	<.1	0.53
46	1937858	<.1	0.53
47	1938415	<.1	0.53
48	1976837	<.1	0.53
49	1985786	<.1	0.53
50	1986001	<.1	0.53
51	2008083	<.1	0.53
52	2043487	<.1	0.53
53	1303421	<.2	1.05
54	1746524	<.2	1.05
55	1884924	<.2	1.05
56	1922730	<.2	1.05

**Waste Code 07  
Produced Sand / Solids**

Count	Validated Batch#	TCLP Benzene	Estimated Total Benzene
57	1938157	<.25	1.31
58	2057151	<.25	1.31
59	9954779	0.005	0.11
60	1983816	0.020	0.21
61	9954681	0.033	0.32
62	9954776	0.034	0.32
63	1419370	0.050	0.53
64	1566471	0.066	0.74
65	1895946	0.075	0.84
66	1732277	0.090	0.95
67	9954810	0.095	1.05
68	1553984	0.130	1.37
69	1763178	0.130	1.37
70	1303206	0.170	1.79
71	1554543	0.180	1.89
72	1908879	0.180	1.89
73	1847082	0.200	2.10
74	1273451	0.230	2.42
75	1461407	0.230	2.42
76	1472806	0.250	2.63
77	1277633	0.260	2.73
78	1732207	0.280	2.94
79	1418263	0.300	3.15
80	1756281	0.300	3.15
81	1732423	0.310	3.26
82	1976833	0.310	3.26
83	1987224	0.310	3.26
84	1791144	0.320	3.36
85	1876562	0.330	3.47
86	1485619	0.350	3.68
87	1426341	0.370	3.89
88	1303977	0.400	4.20
89	960706	0.440	4.62
90	1524939	0.460	4.83
91	1163587	0.480	5.04
92	1472803	0.480	5.04
93	1044184	0.510	5.36
94	1763168	0.520	5.46
95	1603821	0.540	5.67
96	1525116	0.560	5.88
97	1044187	0.580	6.09
98	1732392	0.620	6.51
99	1780061	0.630	6.62
100	1846923	0.630	6.62
101	9954680	0.650	6.83
102	1002288	0.760	7.98
103	1848870	0.790	8.30
104	1773576	0.850	8.93
105	1002285	0.900	9.45
106	1554444	0.960	10.08
107	1734881	0.970	10.19
108	1603238	1.00	10.50
109	1779296	1.00	10.50
110	1044181	1.10	11.55
111	1778516	1.10	11.55
112	1436882	1.25	13.13

**Waste Code 07  
Produced Sand / Solids**

Count	Validated Batch#	TCLP Benzene	Estimated Total Benzene
113	1732436	1.30	13.65
114	1002283	1.40	14.70
115	1712361	1.40	14.70
116	1848787	1.40	14.70
117	1512448	1.49	15.65
118	1908873	1.60	16.80
119	1938192	1.60	16.80
120	2043734	1.60	16.80
121	1643174	1.70	17.85
122	2035845	1.90	19.95
123	917517	2.00	21.00
124	1734720	2.10	22.05
125	1663428	2.47	25.94
126	1272969	2.50	26.25
127	1769554	2.60	27.30
128	1351705	2.80	29.40
129	1914776	2.80	29.40
130	1390285	2.93	30.77
131	1050695	2.96	31.08
132	1653114	3.10	32.55
133	1884926	3.44	36.12
134	1002289	3.80	39.90
135	1363240	3.80	39.90
136	1914811	3.90	40.95
137	1386184	5.60	58.80
138	1319617	7.40	77.70
139	1532717	14.00	147.00
140	1731577	14.30	150.15
141	1591272	22.90	240.45
142	1590669	36.80	386.40
143	1650971	87.00	913.50
144	1862435	206.00	2163.00
145	1525467	799.00	8389.50
146	1575618	1210.00	12705.00
147	1050639	2500.00	26250.00

Notes: Estimated Total Benzene calculated using  
TCLP factor for Waste Code 07 (10.5)

1/2 the value of non-detects used in  
calculation of estimated total benzene



**Waste Code 08  
Produced Formation Fresh Water**

Count	Validated Batch#	TCLP Benzene	Estimated Total Benzene
1	1449079	<.1	0.08
2	1472039	0.19	0.30
3	1886458	0.37	0.58
4	9954943	0.634	1.00

Notes: Estimated Total Benzene calculated using  
TCLP factor for Waste Code 08 (1.57)

1/2 the value of non-detects used in  
calculation of estimated total benzene

**Waste Code 09  
Rainwater**

Count	Validated Batch#	TCLP Benzene	Estimated Total Benzene
1	9954698	<.0024	0.001
2	9954774	<.0024	0.001
3	9954775	0.002	0.002
4	9954807	0.004	0.005
5	9954815	0.004	0.005
6	9954701	0.005	0.006
7	9954747	0.005	0.006

Notes: Estimated Total Benzene calculated using  
TCLP factor for Waste Code 09 (1.19)

1/2 the value of non-detects used in  
calculation of estimated total benzene

**Waste Code 10  
Washout Water**

Count	Validated Batch#	TCLP Benzene	Estimated Total Benzene
1	1404540	<.1	0.10
2	1708353	0.7	1.37
3	9954669	0.135	0.263
4	9954755	0.009	0.018
5	9954896	0.118	0.230

Notes: Estimated Total Benzene calculated using  
TCLP factor for Waste Code 10 (1.95)

1/2 the value of non-detects used in  
calculation of estimated total benzene

**Waste Code 11  
Washout Pit Water**

Count	Validated Batch#	TCLP Benzene	Estimated Total Benzene
1	9954423	<.0024	0.002
2	1380341	<.005	0.005
3	1852906	<.01	0.098
4	1846182	<.05	0.049
5	9958875	<.05	0.049
6	9958900	<.05	0.049
7	9958922	<.05	0.049
8	9958923	<.05	0.049
9	9958936	<.05	0.049
10	9959009	<.05	0.049
11	1356477	<.1	0.098
12	1519420	<.1	0.098
13	1650187	<.1	0.098
14	1651037	<.1	0.098
15	1847954	<.1	0.098
16	1900712	<.1	0.098
17	1900780	<.1	0.098
18	1905148	<.1	0.098
19	1905166	<.1	0.098
20	2049347	<.1	0.098
21	1752737	<.2	0.195
22	1900772	<.2	0.195
23	1900781	<.2	0.195
24	1834107	<.25	0.244
25	1900711	<.5	0.488
26	9954422	0.005	0.010
27	9954670	0.005	0.010
28	9954826	0.007	0.013
29	9954668	0.019	0.037
30	1900723	0.024	0.047
31	9954671	0.027	0.053
32	9958932	0.080	0.156
33	9958925	0.160	0.311
34	1712375	0.170	0.332
35	1900792	0.180	0.351
36	1274117	0.240	0.468
37	1050880	0.340	0.663
38	1885472	0.420	0.819
39	9958926	0.661	1.29
40	1708339	0.670	1.31
41	9958924	2.09	4.07
42	1679106	2.60	5.07
43	9959247	4.94	9.63
44	9954813	28.32	55.23

Notes: Estimated Total Benzene calculated using  
TCLP factor for Waste Code 11 (1.95)

1/2 the value of non-detects used in  
calculation of estimated total benzene

**Waste Code 12  
Gas Plant Processing Waste**

Count	Validated Batch#	TCLP Benzene	Estimated Total Benzene
1	1848790	0.39	2.61
2	1848836	16.00	107.20
3	9954816	58.86	394.35
4	1726577	2660.00	17822.00

Notes: Estimated Total Benzene calculated using  
TCLP factor for Waste Code 12 (6.7)

1/2 the value of non-detects used in  
calculation of estimated total benzene

**Waste Code 13  
Basic Sediment and Water**

Count	Validated Batch#	TCLP Benzene	Estimated Total Benzene
1	1591257	<.05	0.073
2	2030746	<.1	0.145
3	1575619	0.060	0.174
4	1652814	0.200	0.580
5	1426277	0.600	1.74
6	1437034	0.720	2.09
7	1419467	2.20	6.38
8	1590632	4.04	11.72
9	9954703	4.86	14.08
10	1976054	12.00	34.80
11	9954702	16.48	47.80
12	9954704	47.79	138.59

Notes: Estimated Total Benzene calculated using  
TCLP factor for Waste Code 13 (2.9)

1/2 the value of non-detects used in  
calculation of estimated total benzene

**Waste Code 14**  
**Pipeline Test Water / Pipeline Pig Water**

Count	Validated Batch#	TCLP Benzene	Estimated Total Benzene
1	1533622	<.05	0.039
2	9954798	0.003	0.005
3	1779266	0.280	0.440
4	9954898	0.738	1.16
5	9954897	0.742	1.16
6	9959554	2.04	3.20
7	9959521	2.43	3.82
8	9954817	4.17	6.55
9	9959048	8.88	13.94
10	1783572	12.20	19.15
11	1826923	16.60	26.06

Notes: Estimated Total Benzene calculated using  
TCLP factor for Waste Code 14 (1.57)

1/2 the value of non-detects used in  
calculation of estimated total benzene

**Waste Code 15**  
**Exploration and Production Waste Generated by Commercial Facilities**

Count	Validated Batch#	TCLP Benzene	Estimated Total Benzene
1	9954802	0.025	0.26
2	9954827	2.647	27.79

Notes: Estimated Total Benzene calculated using  
TCLP factor for Waste Code 15 (10.5)

1/2 the value of non-detects used in  
calculation of estimated total benzene



**Waste Code 16  
Crude Oil Spill Clean-up Waste**

Count	Validated Batch#	TCLP Benzene	Estimated Total Benzene
1	9954960	<.0024	0.013
2	1541760	<.05	0.263
3	1663477	<.05	0.263
4	1708420	<.05	0.263
5	1984054	<.1	0.525
6	9954773	0.002	0.021
7	9954805	0.002	0.021
8	9954748	0.004	0.042
9	1516745	0.100	1.05
10	1848063	0.120	1.26
11	1630212	0.150	1.58
12	9954772	0.312	3.28
13	1740194	0.750	7.88

Notes: Estimated Total Benzene calculated using  
TCLP factor for Waste Code 16 (10.5)

1/2 the value of non-detects used in  
calculation of estimated total benzene

**Waste Code 99**  
**Other UIC-23 Approved Waste**

Count	Validated Batch#	TCLP Benzene	Estimated Total Benzene
1	1137151	<.05	NA
2	1849215	<.05	NA
3	1534296	<.1	NA
4	1937854	<.2	NA
5	1393123	0.24	NA
6	9954830	0.279	NA
7	1258657	0.49	NA
8	1712821	0.53	NA

Notes: No TCLP factor calculated for Waste Code 99

NA - Not applicable