

RP Procedure Output

Facility Name: Spanish Fork City
Permit Number: UT0020109
Outfall Number: 1
Parameter: Arsenic
Distribution: Lognormal
Data Units: mg/L
Reporting Limit: 10
Significant Figures: 3
Confidence Interval: 95

Maximum Reported Effluent Conc. 0.0054 mg/L
Coefficient of Variation (CV) 0.232
RP Multiplier 1.11
Projected Maximum Effluent Conc. (MEC) 0.00599 mg/L

Acute Criterion 0.586 0
Chronic Criterion 0.281 0
Human Health Criterion 0.15 0

RP for Acute? NO
RP for Chronic? NO
RP for Human Health? NO

Effluent Data Arsenic

#		#		#	
1	0.0033	41	0	81	0
2	0.005	42	0	82	0
3	0.004	43	0	83	0
4	0.0032	44	0	84	0
5	0.0039	45	0	85	0
6	0.0048	46	0	86	0
7	0.0023	47	0	87	0
8	0.0027	48	0	88	0
9	0.0054	49	0	89	0
10	0.0042	50	0	90	0
11	0.0034	51	0	91	0
12	0.0033	52	0	92	0
13	0.0029	53	0	93	0
14	0.004	54	0	94	0
15	0.0029	55	0	95	0
16	0.0029	56	0	96	0
17	0.0041	57	0	97	0
18	0.0049	58	0	98	0
19	0.003	59	0	99	0
20	0.0027	60	0	100	0
21	0.0034	61	0	101	0
22	0.0036	62	0	102	0
23	0.003	63	0	103	0
24	0.0026	64	0	104	0
25	0	65	0	105	0
26	0	66	0	106	0
27	0	67	0	107	0
28	0	68	0	108	0
29	0	69	0	109	0
30	0	70	0	110	0
31	0	71	0	111	0
32	0	72	0	112	0
33	0	73	0	113	0
34	0	74	0	114	0
35	0	75	0	115	0
36	0	76	0	116	0
37	0	77	0	117	0
38	0	78	0	118	0
39	0	79	0	119	0
40	0	80	0	120	0

RP Procedure Output

Facility Name: Spanish Fork City
Permit Number: UT0020109
Outfall Number: 1
Parameter Cadmium
Distribution Lognormal
Data Units mg/L
Reporting Limit 10
Significant Figures 3
Confidence Interval 95

Maximum Reported Effluent Conc. 0.002 mg/L
Coefficient of Variation (CV) 0.530
RP Multiplier 1.26
Projected Maximum Effluent Conc. (MEC) 0.00251 mg/L

Acute Criterion 0.013 0
Chronic Criterion 0.0012 0
Human Health Criterion 0.15 0

RP for Acute? NO
RP for Chronic? YES
RP for Human Health? NO

Effluent Data Cadmium

#		#		#	
1	0.0005	41	0	81	0
2	0.00025	42	0	82	0
3	0.0002	43	0	83	0
4	0.0002	44	0	84	0
5	0.0002	45	0	85	0
6	0.0002	46	0	86	0
7	0.0002	47	0	87	0
8	0.0002	48	0	88	0
9	0.0002	49	0	89	0
10	0.0002	50	0	90	0
11	0.0002	51	0	91	0
12	0.002	52	0	92	0
13	0.0002	53	0	93	0
14	0.0002	54	0	94	0
15	0.0002	55	0	95	0
16	0.0002	56	0	96	0
17	0.0002	57	0	97	0
18	0.0002	58	0	98	0
19	0.0002	59	0	99	0
20	0.0002	60	0	100	0
21	0.0002	61	0	101	0
22	0.0002	62	0	102	0
23	0.0002	63	0	103	0
24	0.0002	64	0	104	0
25	0	65	0	105	0
26	0	66	0	106	0
27	0	67	0	107	0
28	0	68	0	108	0
29	0	69	0	109	0
30	0	70	0	110	0
31	0	71	0	111	0
32	0	72	0	112	0
33	0	73	0	113	0
34	0	74	0	114	0
35	0	75	0	115	0
36	0	76	0	116	0
37	0	77	0	117	0
38	0	78	0	118	0
39	0	79	0	119	0
40	0	80	0	120	0

RP Procedure Output

Facility Name: Spanish Fork City
Permit Number: UT0020109
Outfall Number: 1
Parameter Cyanide (Total)
Distribution Lognormal
Data Units mg/L
Reporting Limit 10
Significant Figures 3
Confidence Interval 95

Maximum Reported Effluent Conc. 0.059 mg/L
Coefficient of Variation (CV) 0.767
RP Multiplier 1.36
Projected Maximum Effluent Conc. (MEC) 0.0805 mg/L

Acute Criterion 0.036 0
Chronic Criterion 0.0076 0
Human Health Criterion 0.14 0

RP for Acute? YES
RP for Chronic? YES
RP for Human Health? NO

Effluent Data

#		#		#	
1	0.008	41	0	81	0
2	0.005	42	0	82	0
3	0.005	43	0	83	0
4	0.005	44	0	84	0
5	0.005	45	0	85	0
6	0.005	46	0	86	0
7	0.005	47	0	87	0
8	0.005	48	0	88	0
9	0.005	49	0	89	0
10	0.004	50	0	90	0
11	0.003	51	0	91	0
12	0.009	52	0	92	0
13	0.059	53	0	93	0
14	0.008	54	0	94	0
15	0.014	55	0	95	0
16	0.004	56	0	96	0
17	0.008	57	0	97	0
18	0.005	58	0	98	0
19	0.006	59	0	99	0
20	0.004	60	0	100	0
21	0.008	61	0	101	0
22	0.013	62	0	102	0
23	0.02	63	0	103	0
24	0.022	64	0	104	0
25	0	65	0	105	0
26	0	66	0	106	0
27	0	67	0	107	0
28	0	68	0	108	0
29	0	69	0	109	0
30	0	70	0	110	0
31	0	71	0	111	0
32	0	72	0	112	0
33	0	73	0	113	0
34	0	74	0	114	0
35	0	75	0	115	0
36	0	76	0	116	0
37	0	77	0	117	0
38	0	78	0	118	0
39	0	79	0	119	0
40	0	80	0	120	0

RP Procedure Output

Facility Name: Spanish Fork City
Permit Number: UT0020109
Outfall Number: 1
Parameter Chromium (Total)
Distribution Lognormal
Data Units mg/L
Reporting Limit 10
Significant Figures 3
Confidence Interval 95

Maximum Reported Effluent Conc. 0.005 mg/L
Coefficient of Variation (CV) 0.418
RP Multiplier 1.20
Projected Maximum Effluent Conc. (MEC) 0.00601 mg/L

Acute Criterion 8.488 0
Chronic Criterion 0.445 0
Human Health Criterion 0 0

RP for Acute? NO
RP for Chronic? NO
RP for Human Health? N/A

Effluent Data

#		#		#	
1	0.005	41	0	81	0
2	0.0043	42	0	82	0
3	0.0013	43	0	83	0
4	0.0017	44	0	84	0
5	0.0023	45	0	85	0
6	0.0018	46	0	86	0
7	0.0017	47	0	87	0
8	0.0013	48	0	88	0
9	0.0016	49	0	89	0
10	0.0023	50	0	90	0
11	0.0027	51	0	91	0
12	0.0019	52	0	92	0
13	0.0023	53	0	93	0
14	0.0024	54	0	94	0
15	0.0008	55	0	95	0
16	0.0012	56	0	96	0
17	0.0015	57	0	97	0
18	0.0014	58	0	98	0
19	0.0013	59	0	99	0
20	0.0012	60	0	100	0
21	0.0022	61	0	101	0
22	0.0019	62	0	102	0
23	0.0018	63	0	103	0
24	0.0016	64	0	104	0
25	0	65	0	105	0
26	0	66	0	106	0
27	0	67	0	107	0
28	0	68	0	108	0
29	0	69	0	109	0
30	0	70	0	110	0
31	0	71	0	111	0
32	0	72	0	112	0
33	0	73	0	113	0
34	0	74	0	114	0
35	0	75	0	115	0
36	0	76	0	116	0
37	0	77	0	117	0
38	0	78	0	118	0
39	0	79	0	119	0
40	0	80	0	120	0

RP Procedure Output

Facility Name: Spanish Fork City
Permit Number: UT0020109
Outfall Number: 1
Parameter Copper
Distribution Lognormal
Data Units mg/L
Reporting Limit 10
Significant Figures 3
Confidence Interval 99

Maximum Reported Effluent Conc. 0.016 mg/L
Coefficient of Variation (CV) 0.423
RP Multiplier 1.76
Projected Maximum Effluent Conc. (MEC) 0.0281 mg/L

Acute Criterion 0.075 0
Chronic Criterion 0.049 0
Human Health Criterion 1.3 0

RP for Acute? NO
RP for Chronic? NO
RP for Human Health? NO

Effluent Data Copper

#		#		#	
1	0.016	41	0	81	0
2	0.0102	42	0	82	0
3	0.0063	43	0	83	0
4	0.0065	44	0	84	0
5	0.0094	45	0	85	0
6	0.0061	46	0	86	0
7	0.0064	47	0	87	0
8	0.0063	48	0	88	0
9	0.0042	49	0	89	0
10	0.01	50	0	90	0
11	0.0047	51	0	91	0
12	0.0052	52	0	92	0
13	0.005	53	0	93	0
14	0.0044	54	0	94	0
15	0.0037	55	0	95	0
16	0.0033	56	0	96	0
17	0.0061	57	0	97	0
18	0.0044	58	0	98	0
19	0.0028	59	0	99	0
20	0.004	60	0	100	0
21	0.004	61	0	101	0
22	0.0057	62	0	102	0
23	0.0038	63	0	103	0
24	0.0041	64	0	104	0
25	0	65	0	105	0
26	0	66	0	106	0
27	0	67	0	107	0
28	0	68	0	108	0
29	0	69	0	109	0
30	0	70	0	110	0
31	0	71	0	111	0
32	0	72	0	112	0
33	0	73	0	113	0
34	0	74	0	114	0
35	0	75	0	115	0
36	0	76	0	116	0
37	0	77	0	117	0
38	0	78	0	118	0
39	0	79	0	119	0
40	0	80	0	120	0

RP Procedure Output

Facility Name: Spanish Fork City
Permit Number: UT0020109
Outfall Number: 1
Parameter: Lead
Distribution: Lognormal
Data Units: mg/L
Reporting Limit: 10
Significant Figures: 3
Confidence Interval: 99

Maximum Reported Effluent Conc. 0.005 mg/L
Coefficient of Variation (CV) 0.607
RP Multiplier 2.18
Projected Maximum Effluent Conc. (MEC) 0.0109 mg/L

Acute Criterion 0.668 0
Chronic Criterion 0.028 0
Human Health Criterion 0 0

RP for Acute? NO
RP for Chronic? NO
RP for Human Health? N/A

Effluent Data Lead

#		#		#	
1	0.001	41	0	81	0
2	0.0009	42	0	82	0
3	0.0002	43	0	83	0
4	0.005	44	0	84	0
5	0.0006	45	0	85	0
6	0.0005	46	0	86	0
7	0.0005	47	0	87	0
8	0.0006	48	0	88	0
9	0.0007	49	0	89	0
10	0.0012	50	0	90	0
11	0.0005	51	0	91	0
12	0.0008	52	0	92	0
13	0.001	53	0	93	0
14	0.0008	54	0	94	0
15	0.0006	55	0	95	0
16	0.0006	56	0	96	0
17	0.0005	57	0	97	0
18	0.0005	58	0	98	0
19	0.0005	59	0	99	0
20	0.0005	60	0	100	0
21	0.0005	61	0	101	0
22	0.0006	62	0	102	0
23	0.0005	63	0	103	0
24	0.0005	64	0	104	0
25	0	65	0	105	0
26	0	66	0	106	0
27	0	67	0	107	0
28	0	68	0	108	0
29	0	69	0	109	0
30	0	70	0	110	0
31	0	71	0	111	0
32	0	72	0	112	0
33	0	73	0	113	0
34	0	74	0	114	0
35	0	75	0	115	0
36	0	76	0	116	0
37	0	77	0	117	0
38	0	78	0	118	0
39	0	79	0	119	0
40	0	80	0	120	0

RP Procedure Output

Facility Name: Spanish Fork City
Permit Number: UT0020109
Outfall Number: 1
Parameter Mercury
Distribution Lognormal
Data Units ug/L
Reporting Limit 10
Significant Figures 3
Confidence Interval 99

Maximum Reported Effluent Conc. 0.000005 ug/L
Coefficient of Variation (CV) 0.607
RP Multiplier 2.18
Projected Maximum Effluent Conc. (MEC) 0.0000109 ug/L

Acute Criterion 4.2 0
Chronic Criterion 0.017 0
Human Health Criterion 0 0

RP for Acute? NO
RP for Chronic? NO
RP for Human Health? N/A

Effluent Data Mercury

#		#		#	
1	0.000001	41	0	81	0
2	0.0000009	42	0	82	0
3	0.0000002	43	0	83	0
4	0.000005	44	0	84	0
5	0.0000006	45	0	85	0
6	0.0000005	46	0	86	0
7	0.0000005	47	0	87	0
8	0.0000006	48	0	88	0
9	0.0000007	49	0	89	0
10	0.0000012	50	0	90	0
11	0.0000005	51	0	91	0
12	0.0000008	52	0	92	0
13	0.000001	53	0	93	0
14	0.0000008	54	0	94	0
15	0.0000006	55	0	95	0
16	0.0000006	56	0	96	0
17	0.0000005	57	0	97	0
18	0.0000005	58	0	98	0
19	0.0000005	59	0	99	0
20	0.0000005	60	0	100	0
21	0.0000005	61	0	101	0
22	0.0000006	62	0	102	0
23	0.0000005	63	0	103	0
24	0.0000005	64	0	104	0
25	0	65	0	105	0
26	0	66	0	106	0
27	0	67	0	107	0
28	0	68	0	108	0
29	0	69	0	109	0
30	0	70	0	110	0
31	0	71	0	111	0
32	0	72	0	112	0
33	0	73	0	113	0
34	0	74	0	114	0
35	0	75	0	115	0
36	0	76	0	116	0
37	0	77	0	117	0
38	0	78	0	118	0
39	0	79	0	119	0
40	0	80	0	120	0

RP Procedure Output

Facility Name: Spanish Fork City
Permit Number: UT0020109
Outfall Number: 1
Parameter: Nickel
Distribution: Lognormal
Data Units: mg/L
Reporting Limit: 10
Significant Figures: 3
Confidence Interval: 95

Maximum Reported Effluent Conc. 0.009 mg/L
Coefficient of Variation (CV) 0.557
RP Multiplier 1.27
Projected Maximum Effluent Conc. (MEC) 0.0114 mg/L

Acute Criterion 2.281 0
Chronic Criterion 0.277 0
Human Health Criterion 610 0

RP for Acute? NO
RP for Chronic? NO
RP for Human Health? NO

Effluent Data Nickel

#		#		#	
1	0.0027	41	0	81	0
2	0.00371	42	0	82	0
3	0.0078	43	0	83	0
4	0.0062	44	0	84	0
5	0.0075	45	0	85	0
6	0.0063	46	0	86	0
7	0.009	47	0	87	0
8	0.0043	48	0	88	0
9	0.0064	49	0	89	0
10	0.0059	50	0	90	0
11	0.0059	51	0	91	0
12	0.0051	52	0	92	0
13	0.0046	53	0	93	0
14	0.0048	54	0	94	0
15	0.0049	55	0	95	0
16	0.0046	56	0	96	0
17	0.003	57	0	97	0
18	0.0033	58	0	98	0
19	0.0052	59	0	99	0
20	0.004	60	0	100	0
21	0.0014	61	0	101	0
22	0.0017	62	0	102	0
23	0.0016	63	0	103	0
24	0.0018	64	0	104	0
25	0	65	0	105	0
26	0	66	0	106	0
27	0	67	0	107	0
28	0	68	0	108	0
29	0	69	0	109	0
30	0	70	0	110	0
31	0	71	0	111	0
32	0	72	0	112	0
33	0	73	0	113	0
34	0	74	0	114	0
35	0	75	0	115	0
36	0	76	0	116	0
37	0	77	0	117	0
38	0	78	0	118	0
39	0	79	0	119	0
40	0	80	0	120	0

RP Procedure Output

Facility Name: Spanish Fork City
Permit Number: UT0020109
Outfall Number: 1
Parameter: Selenium
Distribution: Lognormal
Data Units: mg/L
Reporting Limit: 10
Significant Figures: 3
Confidence Interval: 95

Maximum Reported Effluent Conc. 0.0031 mg/L
Coefficient of Variation (CV) 0.302
RP Multiplier 1.14
Projected Maximum Effluent Conc. (MEC) 0.00355 mg/L

Acute Criterion 0.031 0
Chronic Criterion 0.0076 0
Human Health Criterion 170 0

RP for Acute? NO
RP for Chronic? NO
RP for Human Health? NO

Effluent Data Selenium

#		#		#	
1	0.002	41	0	81	0
2	0.003	42	0	82	0
3	0.0031	43	0	83	0
4	0.0023	44	0	84	0
5	0.0026	45	0	85	0
6	0.0031	46	0	86	0
7	0.002	47	0	87	0
8	0.0022	48	0	88	0
9	0.003	49	0	89	0
10	0.0031	50	0	90	0
11	0.0026	51	0	91	0
12	0.0023	52	0	92	0
13	0.0025	53	0	93	0
14	0.0022	54	0	94	0
15	0.0021	55	0	95	0
16	0.0023	56	0	96	0
17	0.0026	57	0	97	0
18	0.0025	58	0	98	0
19	0.0022	59	0	99	0
20	0.002	60	0	100	0
21	0.0011	61	0	101	0
22	0.0017	62	0	102	0
23	0.0013	63	0	103	0
24	0.0011	64	0	104	0
25	0	65	0	105	0
26	0	66	0	106	0
27	0	67	0	107	0
28	0	68	0	108	0
29	0	69	0	109	0
30	0	70	0	110	0
31	0	71	0	111	0
32	0	72	0	112	0
33	0	73	0	113	0
34	0	74	0	114	0
35	0	75	0	115	0
36	0	76	0	116	0
37	0	77	0	117	0
38	0	78	0	118	0
39	0	79	0	119	0
40	0	80	0	120	0

RP Procedure Output

Facility Name: Spanish Fork City
Permit Number: UT0020109
Outfall Number: 1
Parameter: Silver
Distribution: Lognormal
Data Units: mg/L
Reporting Limit: 10
Significant Figures: 3
Confidence Interval: 95

Maximum Reported Effluent Conc. 0.0005 mg/L
Coefficient of Variation (CV) 0.142
RP Multiplier 1.07
Projected Maximum Effluent Conc. (MEC) 0.000533 mg/L

Acute Criterion 0.053 0
Chronic Criterion 0 0
Human Health Criterion 0 0

RP for Acute? NO
RP for Chronic? NO
RP for Human Health? N/A

Effluent Data Silver

#		#		#	
1	0.0005	41	0	81	0
2	0.00025	42	0	82	0
3	0.0005	43	0	83	0
4	0.0005	44	0	84	0
5	0.0005	45	0	85	0
6	0.0005	46	0	86	0
7	0.0005	47	0	87	0
8	0.0005	48	0	88	0
9	0.0005	49	0	89	0
10	0.0005	50	0	90	0
11	0.0005	51	0	91	0
12	0.0005	52	0	92	0
13	0.0005	53	0	93	0
14	0.0005	54	0	94	0
15	0.0005	55	0	95	0
16	0.0005	56	0	96	0
17	0.0005	57	0	97	0
18	0.0005	58	0	98	0
19	0.0005	59	0	99	0
20	0.0005	60	0	100	0
21	0.0005	61	0	101	0
22	0.0005	62	0	102	0
23	0.0005	63	0	103	0
24	0.0005	64	0	104	0
25	0	65	0	105	0
26	0	66	0	106	0
27	0	67	0	107	0
28	0	68	0	108	0
29	0	69	0	109	0
30	0	70	0	110	0
31	0	71	0	111	0
32	0	72	0	112	0
33	0	73	0	113	0
34	0	74	0	114	0
35	0	75	0	115	0
36	0	76	0	116	0
37	0	77	0	117	0
38	0	78	0	118	0
39	0	79	0	119	0
40	0	80	0	120	0

RP Procedure Output

Facility Name: Spanish Fork City
Permit Number: UT0020109
Outfall Number: 1
Parameter: Zinc
Distribution: Lognormal
Data Units: mg/L
Reporting Limit: 10
Significant Figures: 3
Confidence Interval: 95

Maximum Reported Effluent Conc. 0.4 mg/L
Coefficient of Variation (CV) 0.885
RP Multiplier 1.42
Projected Maximum Effluent Conc. (MEC) 0.566 mg/L

Acute Criterion 0.578 0
Chronic Criterion 0.635 0
Human Health Criterion 7400 0

RP for Acute? NO
RP for Chronic? NO
RP for Human Health? NO

Effluent Data Zinc

#		#		#	
1	0.066	41	0	81	0
2	0.038	42	0	82	0
3	0.02	43	0	83	0
4	0.02	44	0	84	0
5	0.05	45	0	85	0
6	0.008	46	0	86	0
7	0.03	47	0	87	0
8	0.04	48	0	88	0
9	0.02	49	0	89	0
10	0.03	50	0	90	0
11	0.03	51	0	91	0
12	0.04	52	0	92	0
13	0.05	53	0	93	0
14	0.4	54	0	94	0
15	0.03	55	0	95	0
16	0.01	56	0	96	0
17	0.01	57	0	97	0
18	0.04	58	0	98	0
19	0.02	59	0	99	0
20	0.03	60	0	100	0
21	0.04	61	0	101	0
22	0.04	62	0	102	0
23	0.02	63	0	103	0
24	0.03	64	0	104	0
25	0	65	0	105	0
26	0	66	0	106	0
27	0	67	0	107	0
28	0	68	0	108	0
29	0	69	0	109	0
30	0	70	0	110	0
31	0	71	0	111	0
32	0	72	0	112	0
33	0	73	0	113	0
34	0	74	0	114	0
35	0	75	0	115	0
36	0	76	0	116	0
37	0	77	0	117	0
38	0	78	0	118	0
39	0	79	0	119	0
40	0	80	0	120	0