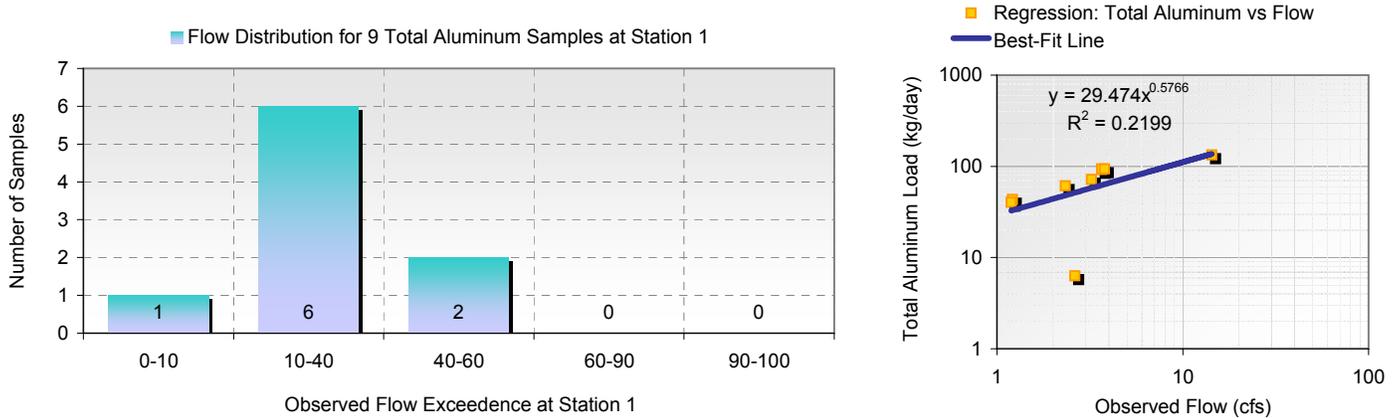


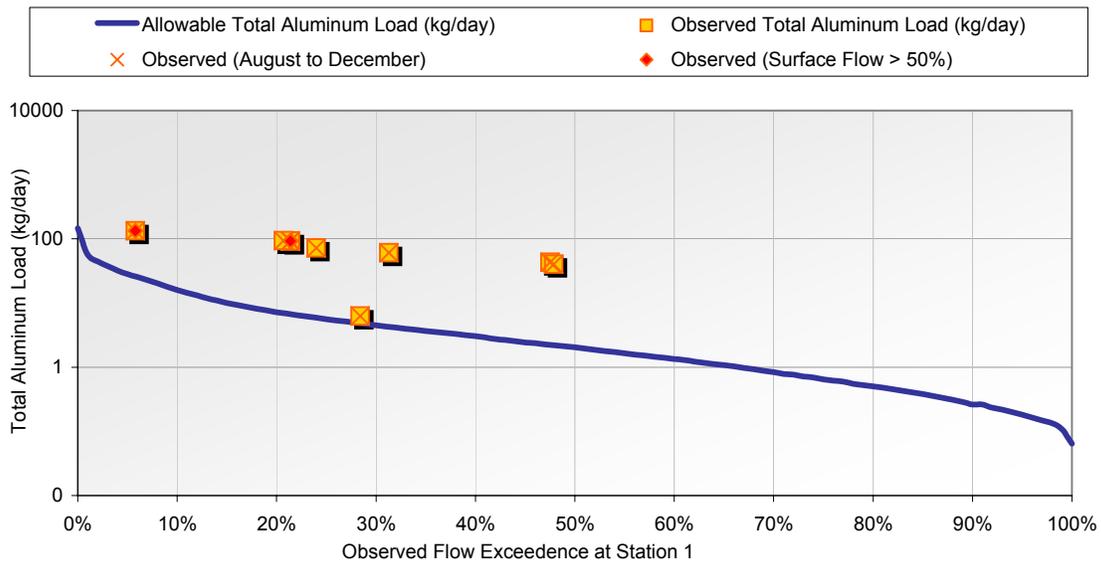
APPENDIX H: Load Duration Analysis

[9: Total Aluminum at Station 1 (mg/L)] -vs- [1: Flow at Station 1 (cfs)]

1. Data Assessment and Trend Confirmation



2. Load Exceedence Analysis



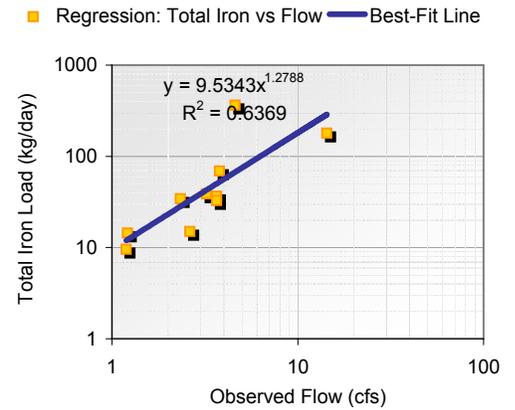
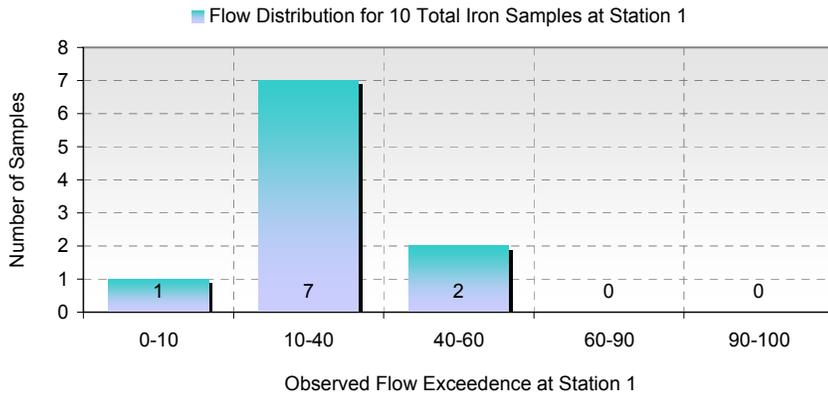
3. Estimated TMDL Loads by Flow Exceedence Range

Flow Exceedence Ranges	9-Sample Distribution	Mean Observed Flow (cfs)	Allowable Load (kg/day)	Mean Load (kg/day)	Estimated Reduction (%)
0-10	1	14.34	26.31	134	80.3%
10-40	6	3.22	6	70	91.5%
40-60	2	1.20	2	42	94.7%
60-90	0	0.44	1	No Data	No Data
90-100	0	0.09	0.16	No Data	No Data

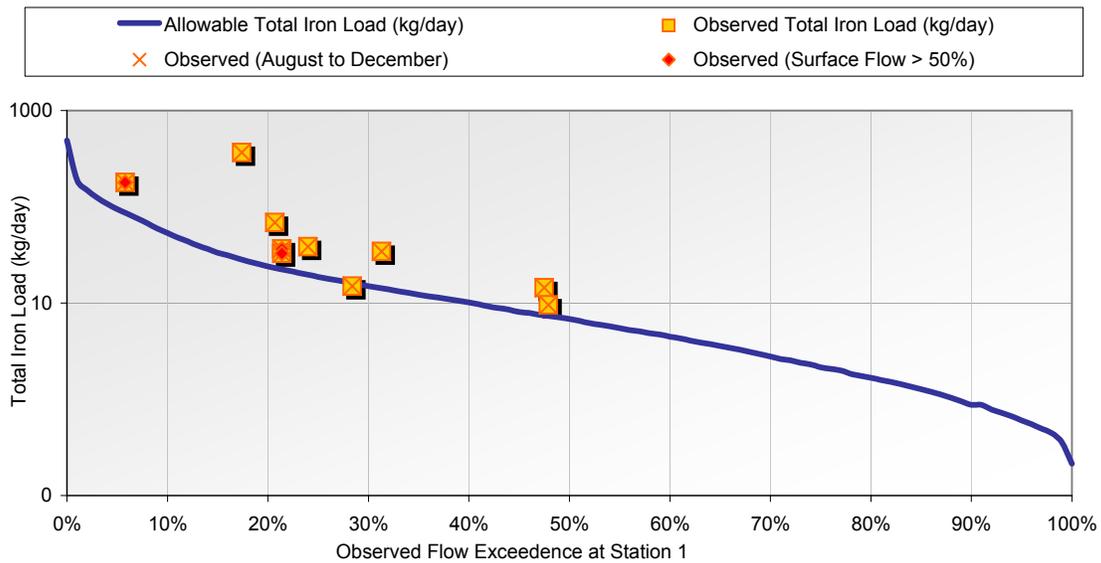
Load Duration Analysis

[19: Total Iron at Station 1 (mg/L)] -vs- [1: Flow at Station 1 (cfs)]

1. Data Assessment and Trend Confirmation



2. Load Exceedance Analysis



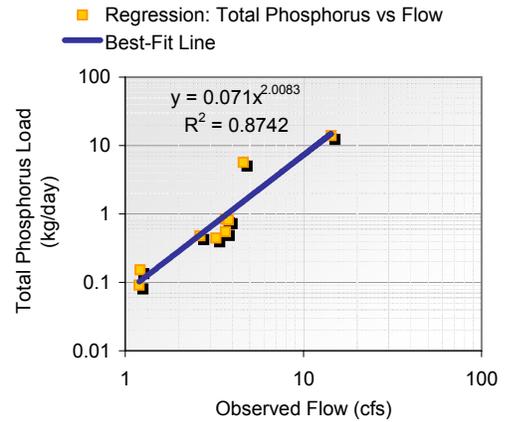
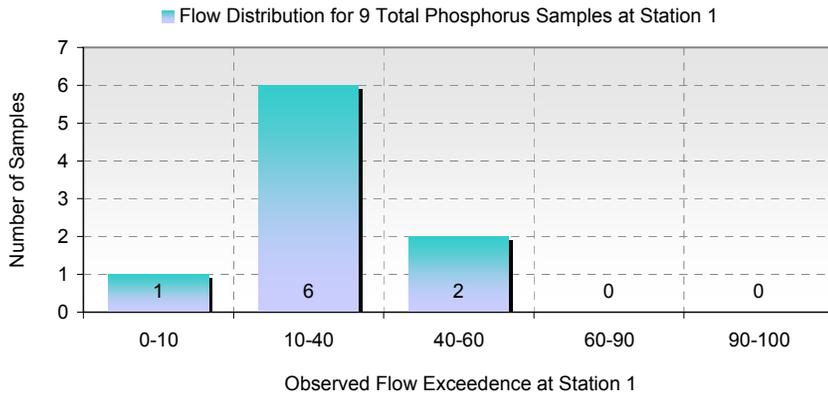
3. Estimated TMDL Loads by Flow Exceedance Range

Flow Exceedance Ranges	10-Sample Distribution	Mean Observed Flow (cfs)	Allowable Load (kg/day)	Mean Load (kg/day)	Estimated Reduction (%)
0-10	1	14.34	87.71	179	51.0%
10-40	7	3.55	22	96	77.4%
40-60	2	1.20	7	12	38.6%
60-90	0	0.44	3	No Data	No Data
90-100	0	0.09	0.54	No Data	No Data

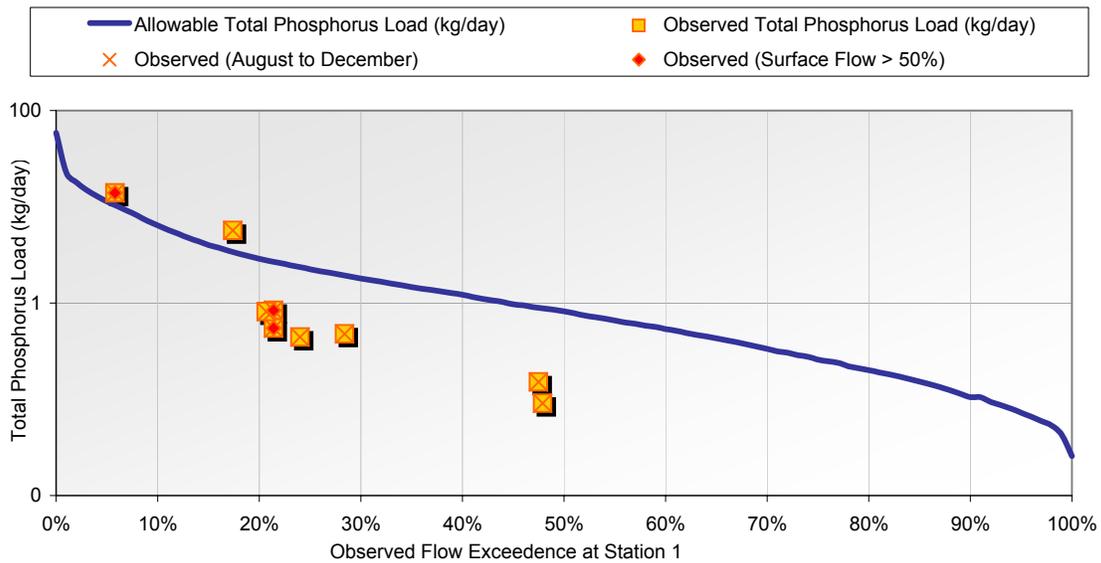
Load Duration Analysis

[1: Total Phosphorus at Station 1 (mg/L)] -vs- [1: Flow at Station 1 (cfs)]

1. Data Assessment and Trend Confirmation



2. Load Exceedence Analysis

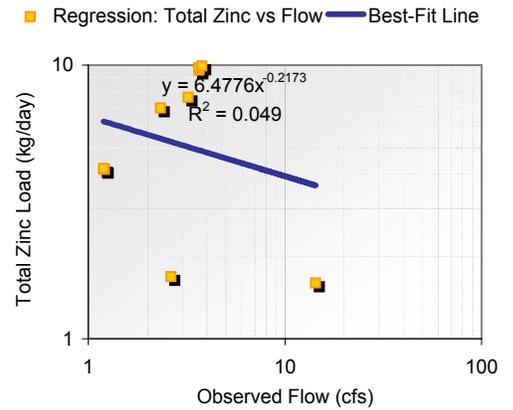
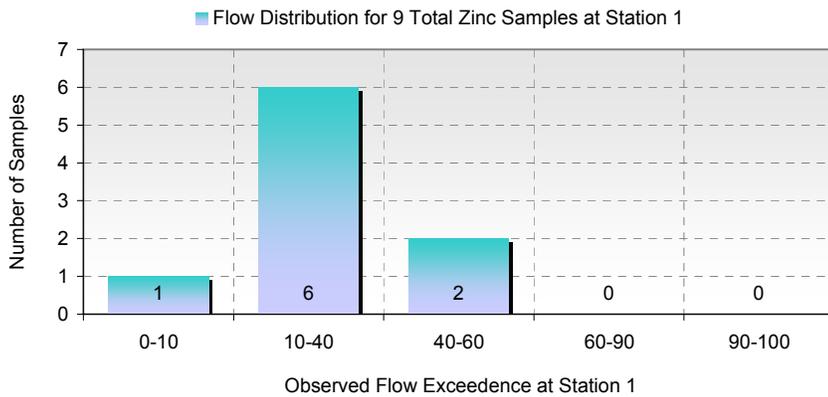


3. Estimated TMDL Loads by Flow Exceedence Range

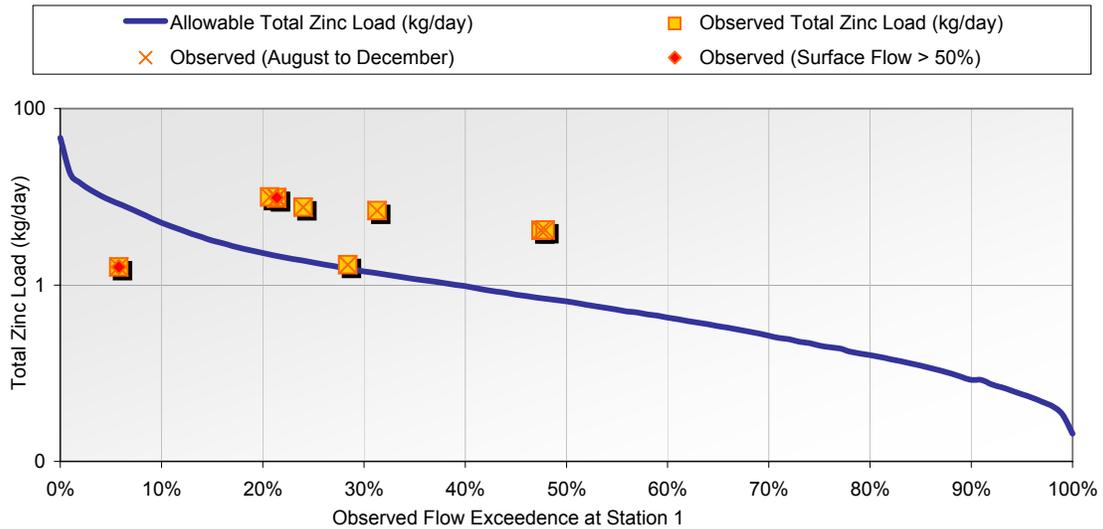
Flow Exceedence Ranges	9-Sample Distribution	Mean Observed Flow (cfs)	Allowable Load (kg/day)	Mean Load (kg/day)	Estimated Reduction (%)
0-10	1	14.34	10.53	14	24.6%
10-40	6	4.60	3	6	40.4%
40-60	2	1.20	1	0	0.0%
60-90	0	0.44	0	No Data	No Data
90-100	0	0.09	0.07	No Data	No Data

[31: Total Zinc at Station 1 (µg/L)] -vs- [1: Flow at Station 1 (cfs)]

1. Data Assessment and Trend Confirmation



2. Load Exceedance Analysis

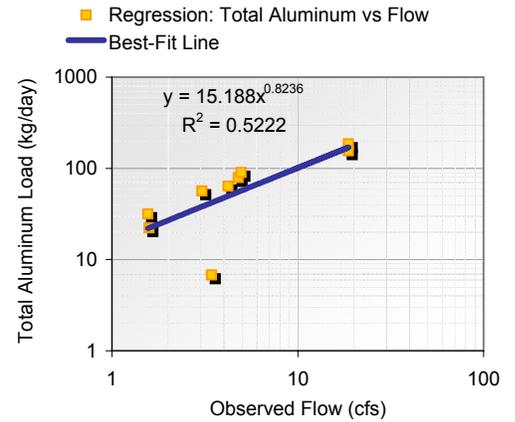
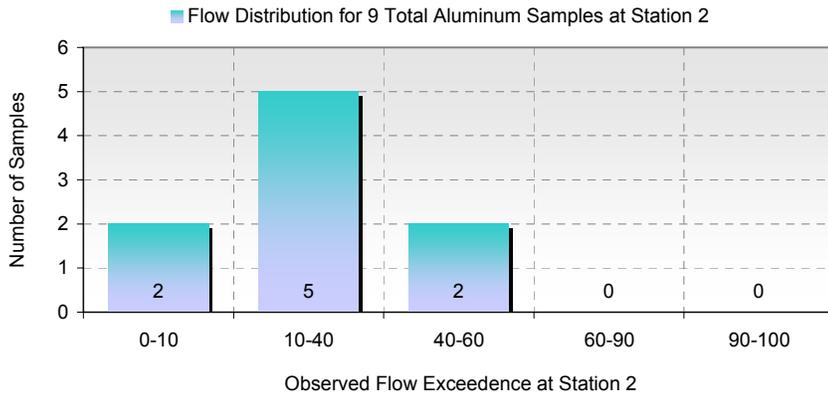


3. Estimated TMDL Loads by Flow Exceedance Range

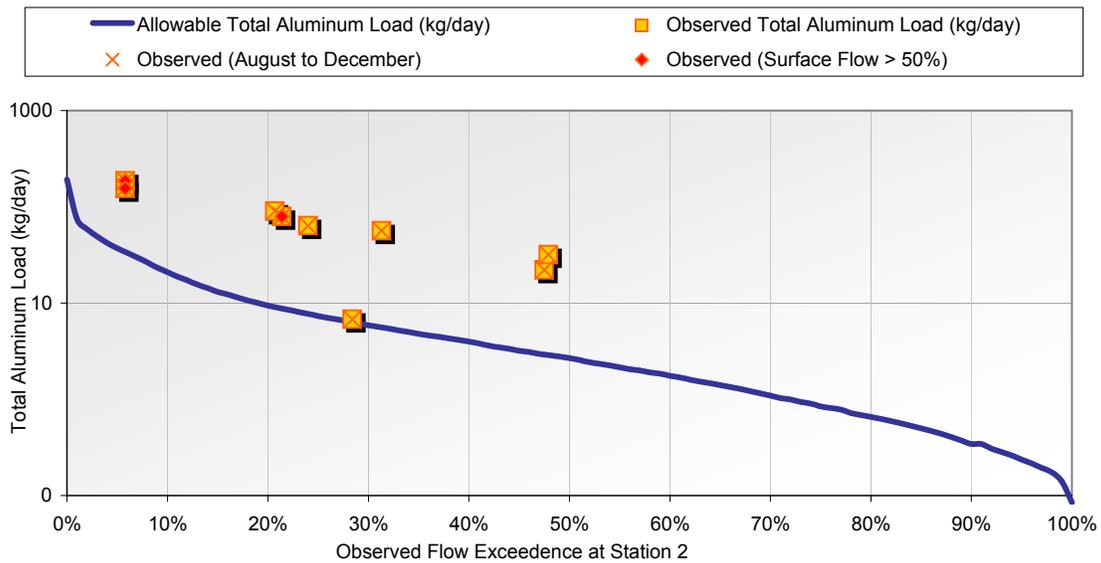
Flow Exceedance Ranges	9-Sample Distribution	Mean Observed Flow (cfs)	Allowable Load (kg/day)	Mean Load (kg/day)	Estimated Reduction (%)
0-10	1	14.34	8.38	2	0.0%
10-40	6	3.22	2	8	75.2%
40-60	2	1.20	1	4	83.1%
60-90	0	0.44	0	No Data	No Data
90-100	0	0.09	0.05	No Data	No Data

[10: Total Aluminum at Station 2 (mg/L)] -vs- [2: Flow at Station 2 (cfs)]

1. Data Assessment and Trend Confirmation



2. Load Exceedance Analysis



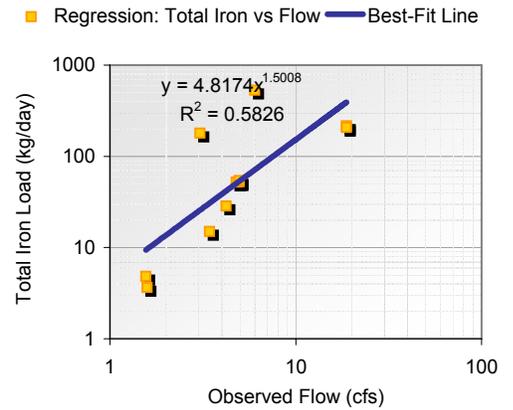
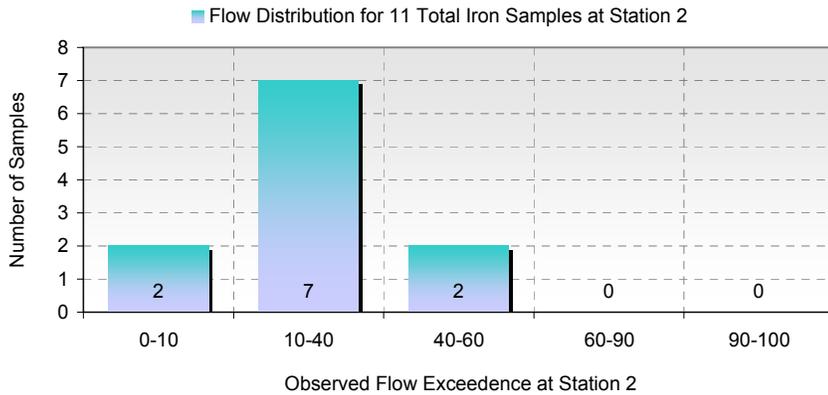
3. Estimated TMDL Loads by Flow Exceedance Range

Flow Exceedance Ranges	9-Sample Distribution	Mean Observed Flow (cfs)	Allowable Load (kg/day)	Mean Load (kg/day)	Estimated Reduction (%)
0-10	2	18.75	34.41	170	79.8%
10-40	5	4.09	8	59	87.3%
40-60	2	1.57	3	27	89.3%
60-90	0	0.57	1	No Data	No Data
90-100	0	0.12	0.21	No Data	No Data

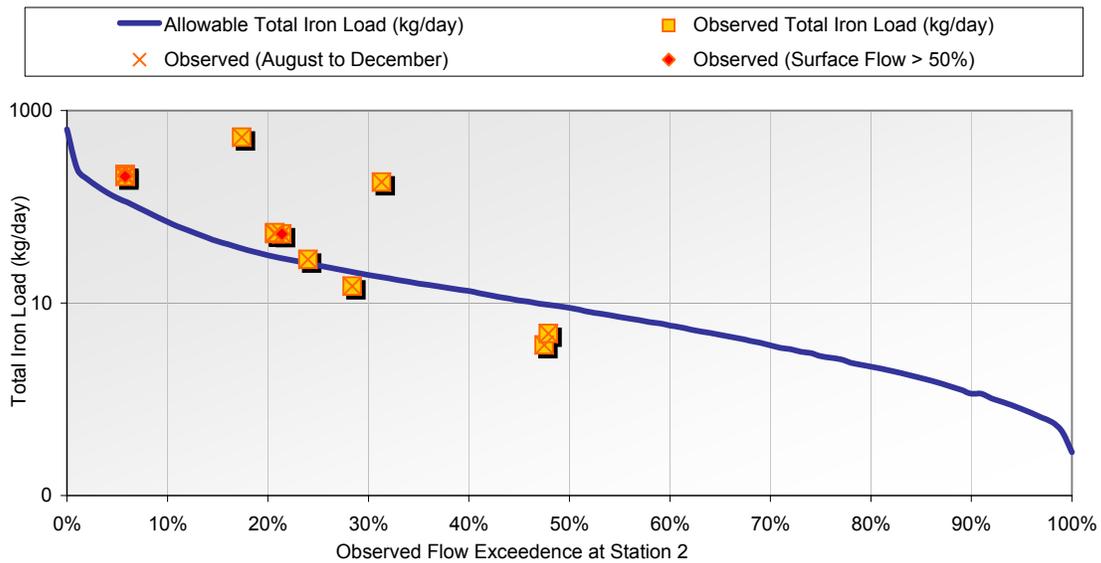
Load Duration Analysis

[20: Total Iron at Station 2 (mg/L)] -vs- [2: Flow at Station 2 (cfs)]

1. Data Assessment and Trend Confirmation



2. Load Exceedence Analysis



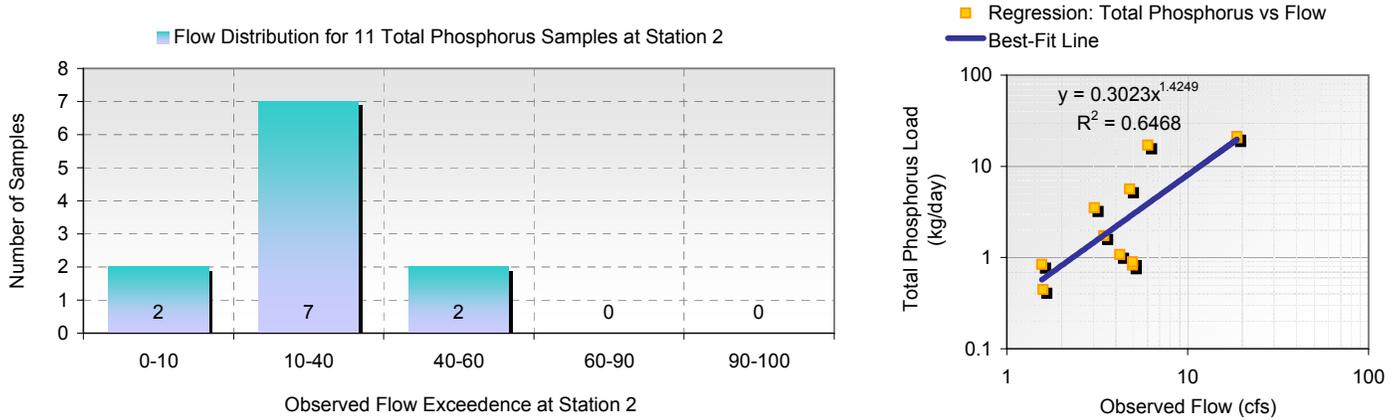
3. Estimated TMDL Loads by Flow Exceedence Range

Flow Exceedence Ranges	11-Sample Distribution	Mean Observed Flow (cfs)	Allowable Load (kg/day)	Mean Load (kg/day)	Estimated Reduction (%)
0-10	2	18.75	114.70	212	45.8%
10-40	7	4.67	29	149	80.9%
40-60	2	1.57	10	4	0.0%
60-90	0	0.57	3	No Data	No Data
90-100	0	0.12	0.71	No Data	No Data

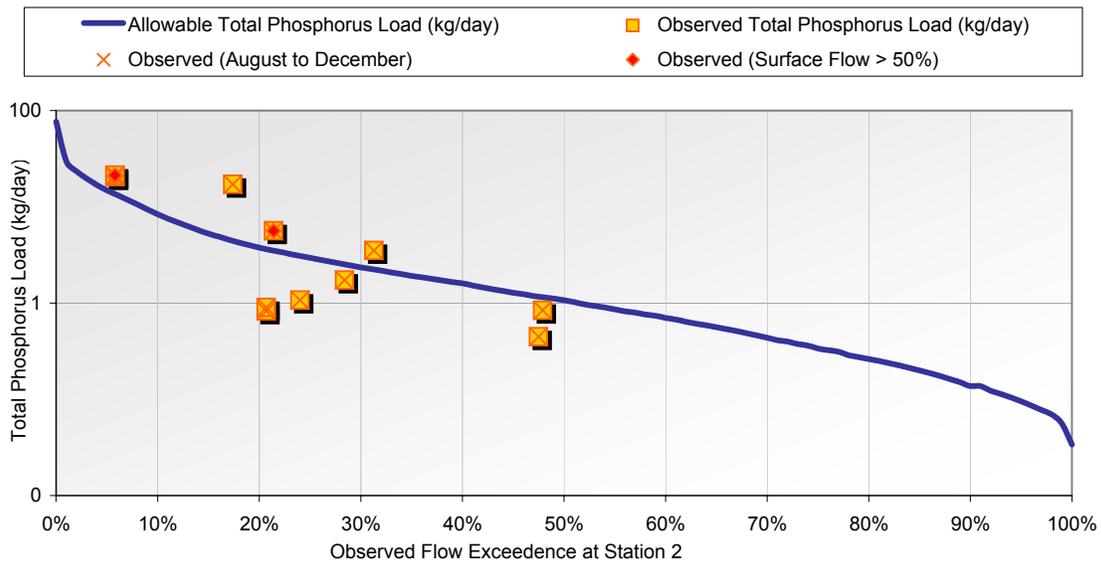
Load Duration Analysis

[2: Total Phosphorus at Station 2 (mg/L)] -vs- [2: Flow at Station 2 (cfs)]

1. Data Assessment and Trend Confirmation



2. Load Exceedence Analysis



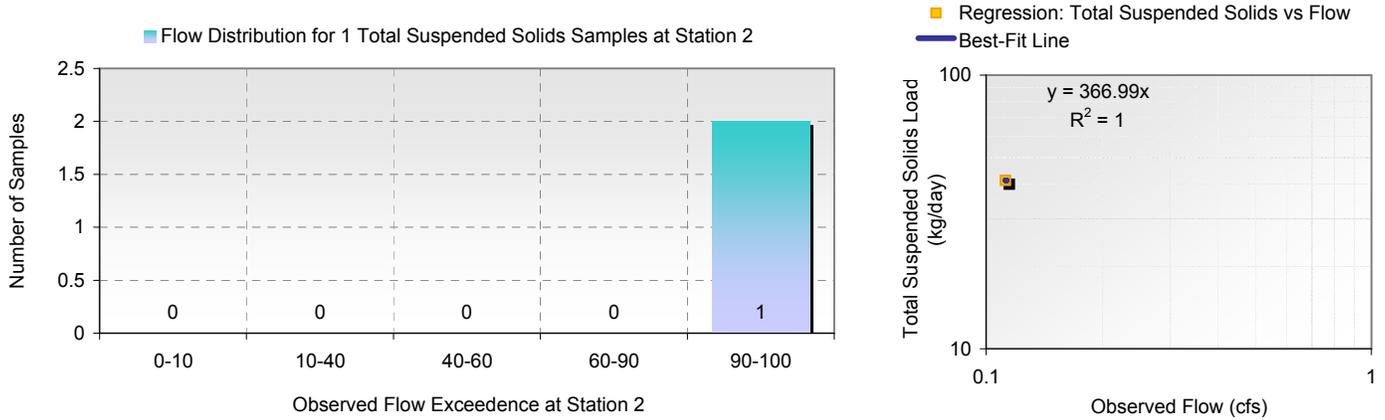
3. Estimated TMDL Loads by Flow Exceedence Range

Flow Exceedence Ranges	11-Sample Distribution	Mean Observed Flow (cfs)	Allowable Load (kg/day)	Mean Load (kg/day)	Estimated Reduction (%)
0-10	2	18.75	13.76	21	34.3%
10-40	7	4.62	3	9	61.2%
40-60	2	1.57	1	1	0.0%
60-90	0	0.57	0	No Data	No Data
90-100	0	0.12	0.09	No Data	No Data

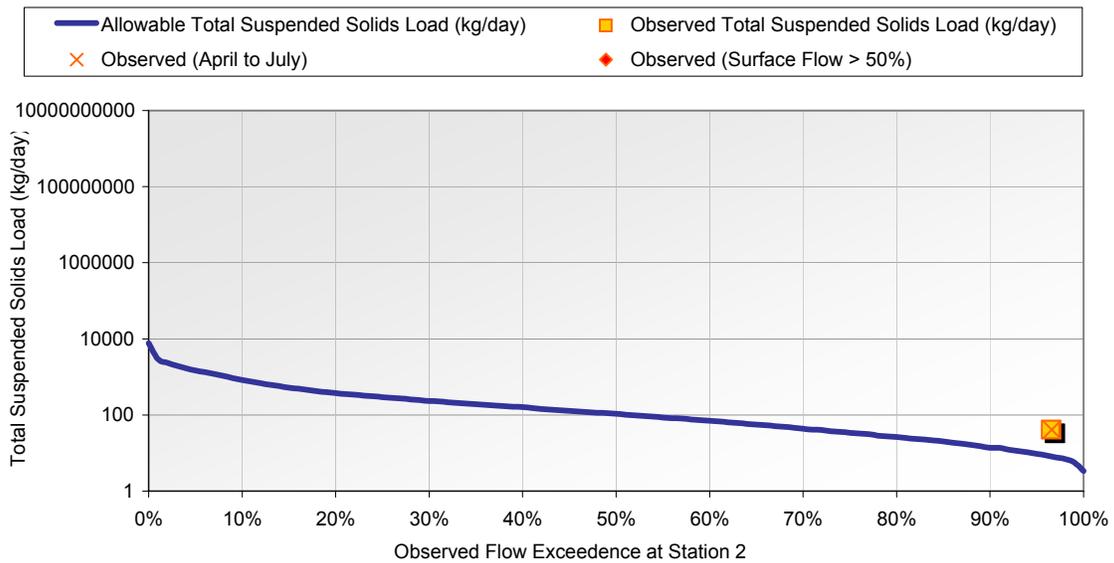
Load Duration Analysis

[1: Total Suspended Solids at Station 2 (mg/L)] -vs- [1: Flow at Station 2 (cfs)]

1. Data Assessment and Trend Confirmation



2. Load Exceedence Analysis

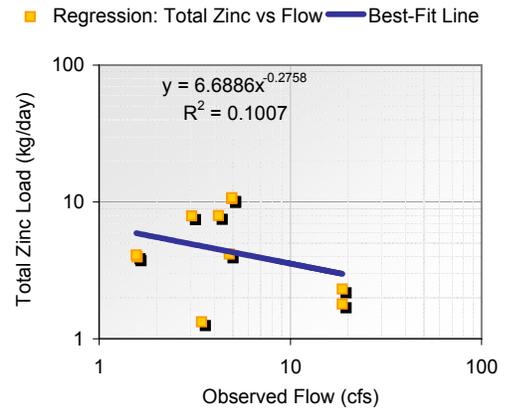
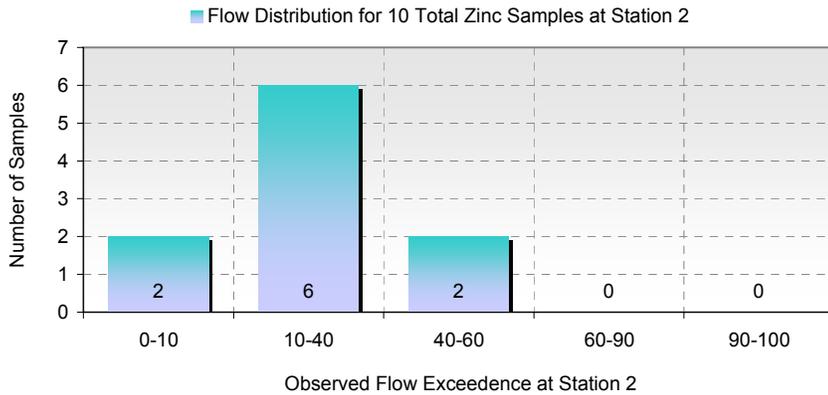


3. Estimated TMDL Loads by Flow Exceedence Range

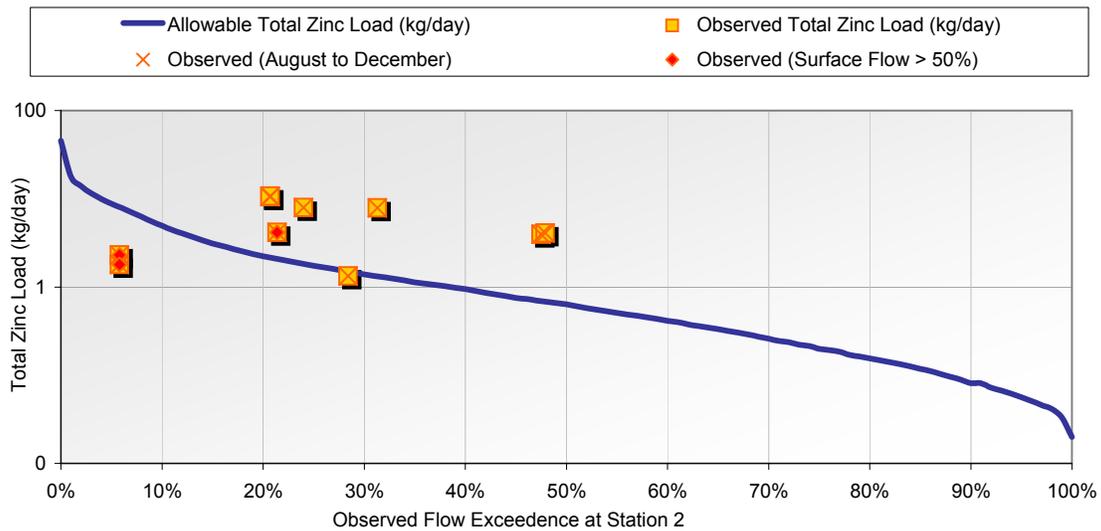
Flow Exceedence Ranges	2-Sample Distribution	Maximum Observed Flow (cfs)	Allowable Load (kg/day)	Maximum Load (kg/day)	Estimated Reduction (%)
0-10	0	104.38	7,661.21	No Data	No Data
10-40	0	11.39	836	No Data	No Data
40-60	0	2.18	160	No Data	No Data
60-90	0	0.95	70	No Data	No Data
90-100	2	0.11	8.24	41	80.0%

[32: Total Zinc at Station 2 (µg/L)] -vs- [2: Flow at Station 2 (cfs)]

1. Data Assessment and Trend Confirmation



2. Load Exceedance Analysis

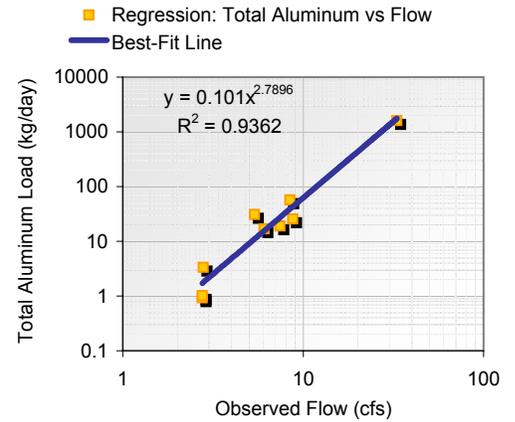
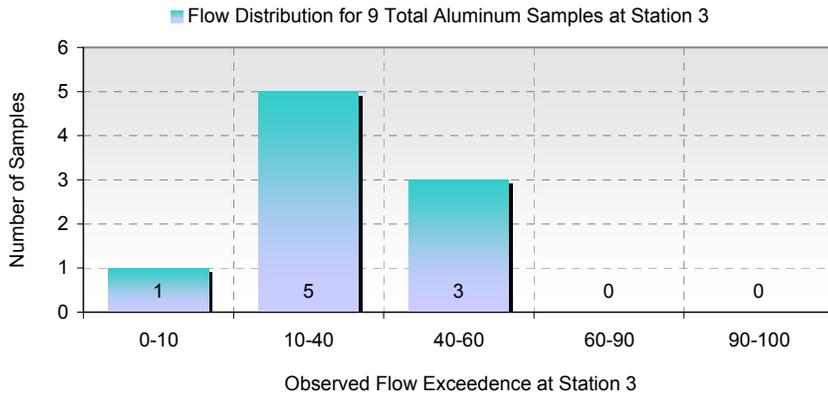


3. Estimated TMDL Loads by Flow Exceedance Range

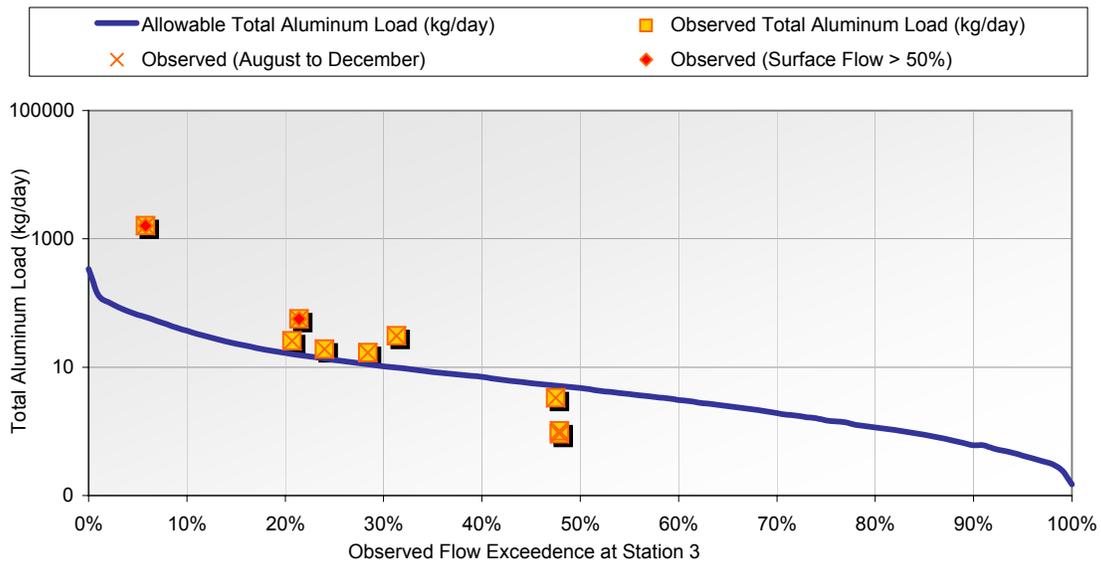
Flow Exceedance Ranges	10-Sample Distribution	Mean Observed Flow (cfs)	Allowable Load (kg/day)	Mean Load (kg/day)	Estimated Reduction (%)
0-10	2	18.75	8.15	2	0.0%
10-40	6	4.39	2	8	76.9%
40-60	2	1.57	1	4	83.0%
60-90	0	0.57	0	No Data	No Data
90-100	0	0.12	0.05	No Data	No Data

[11: Total Aluminum at Station 3 (mg/L)] -vs- [3: Flow at Station 3 (cfs)]

1. Data Assessment and Trend Confirmation



2. Load Exceedence Analysis

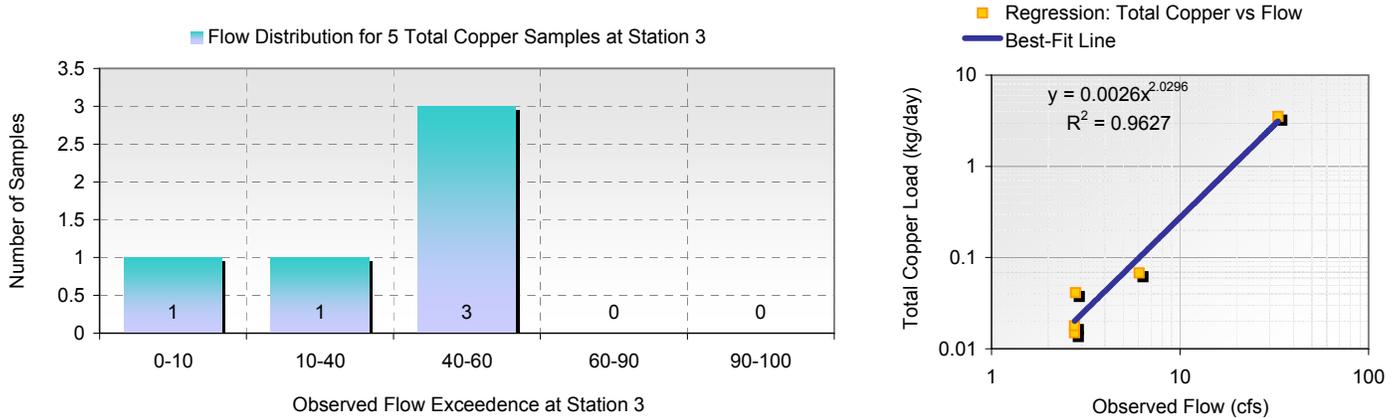


3. Estimated TMDL Loads by Flow Exceedence Range

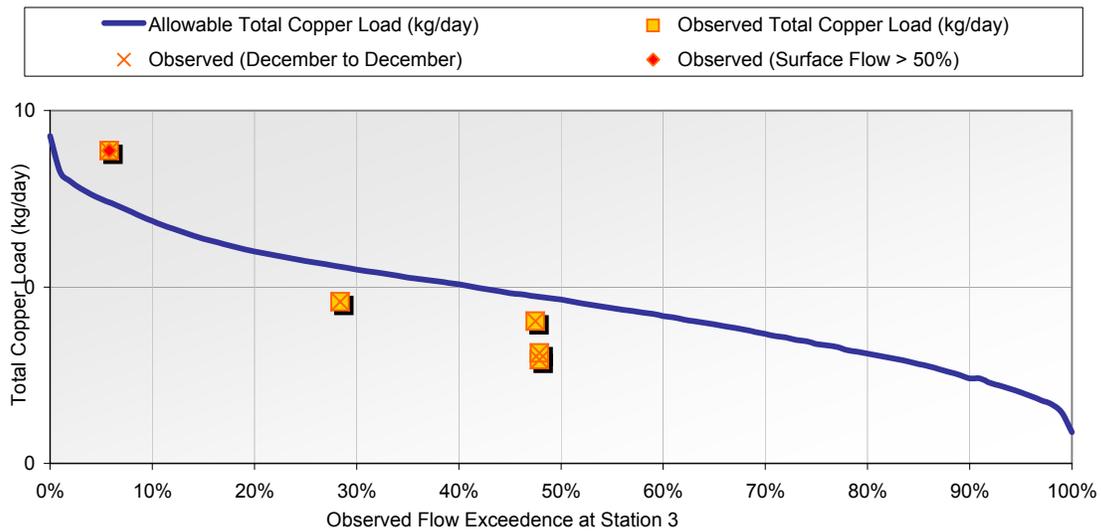
Flow Exceedence Ranges	9-Sample Distribution	Mean Observed Flow (cfs)	Allowable Load (kg/day)	Mean Load (kg/day)	Estimated Reduction (%)
0-10	1	33.09	60.72	1,595	96.2%
10-40	5	7.22	13	30	55.6%
40-60	3	2.77	5	2	0.0%
60-90	0	1.01	2	No Data	No Data
90-100	0	0.21	0.38	No Data	No Data

[36: Total Copper at Station 3 (µg/L)] -vs- [3: Flow at Station 3 (cfs)]

1. Data Assessment and Trend Confirmation



2. Load Exceedence Analysis



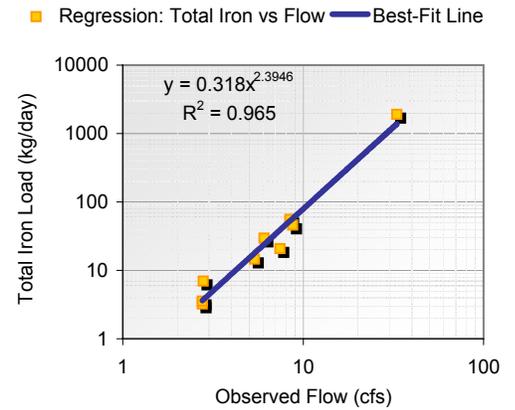
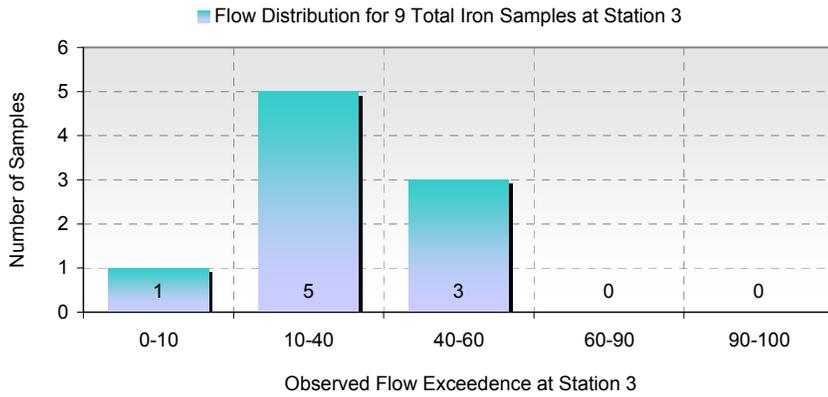
3. Estimated TMDL Loads by Flow Exceedence Range

Flow Exceedence Ranges	5-Sample Distribution	Mean Observed Flow (cfs)	Allowable Load (kg/day)	Mean Load (kg/day)	Estimated Reduction (%)
0-10	1	33.09	0.92	4	73.7%
10-40	1	6.08	0	0	0.0%
40-60	3	2.77	0	0	0.0%
60-90	0	1.01	0	No Data	No Data
90-100	0	0.21	0.01	No Data	No Data

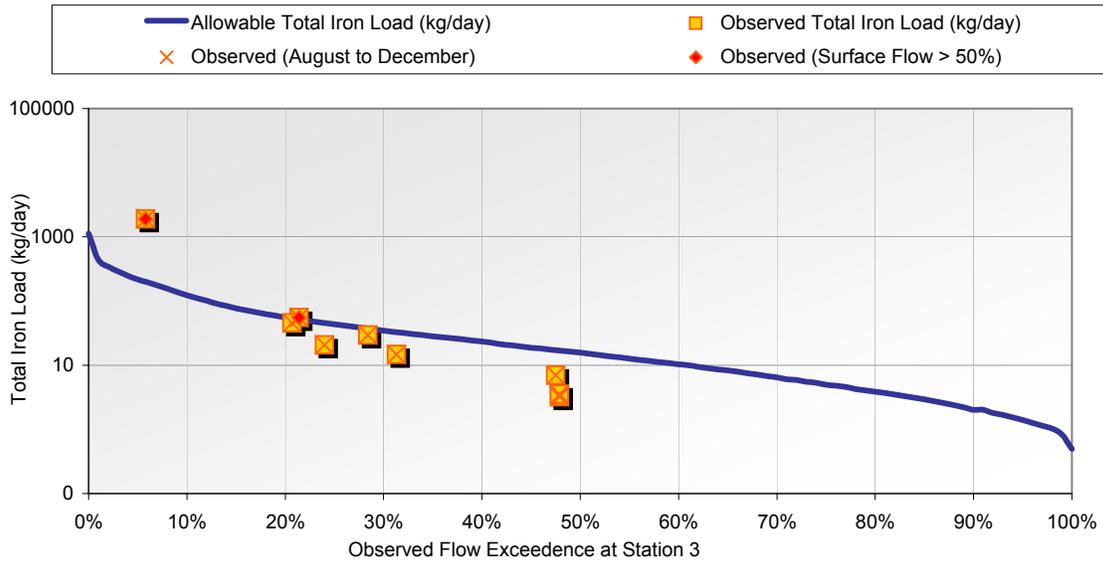
Load Duration Analysis

[21: Total Iron at Station 3 (mg/L)] -vs- [3: Flow at Station 3 (cfs)]

1. Data Assessment and Trend Confirmation



2. Load Exceedance Analysis

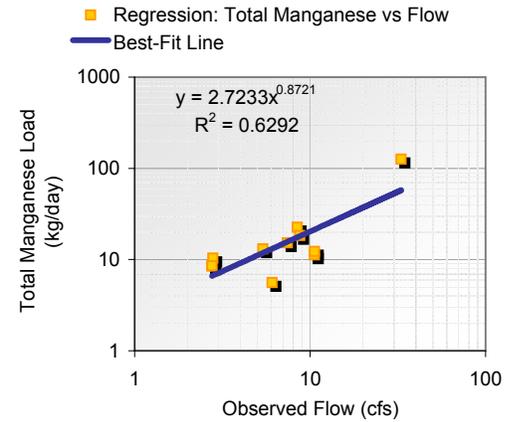
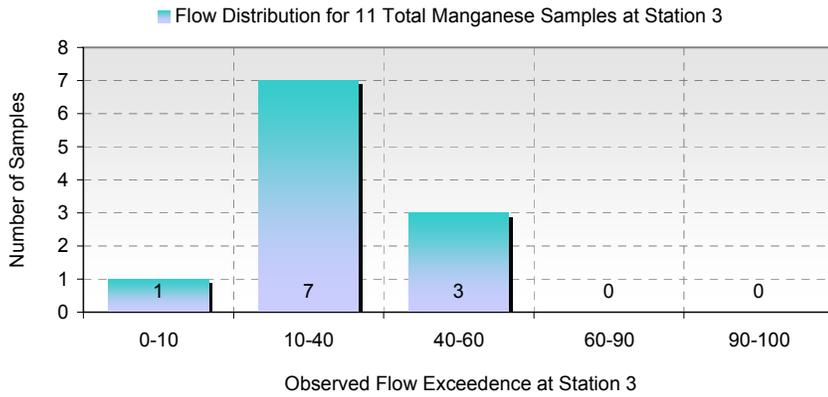


3. Estimated TMDL Loads by Flow Exceedance Range

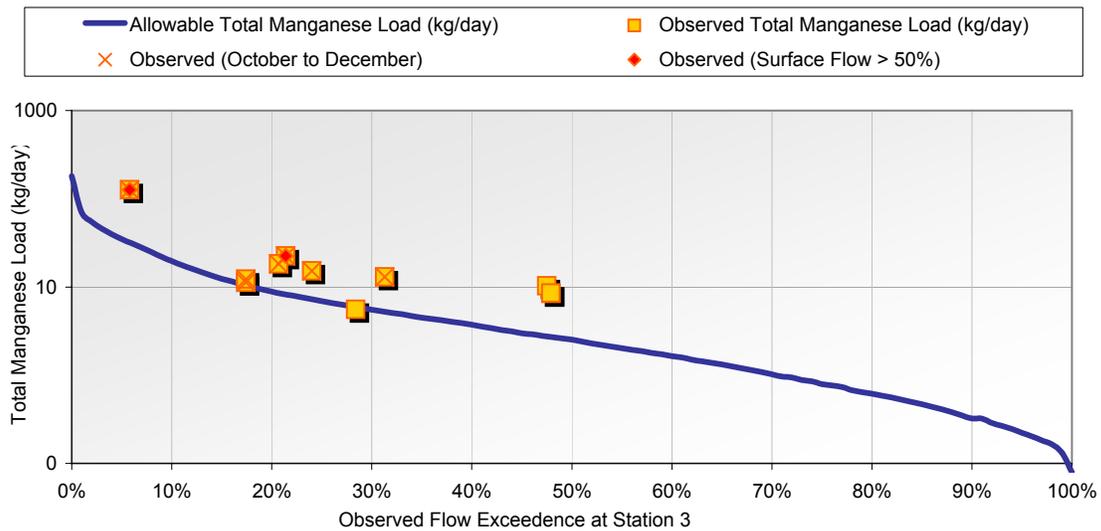
Flow Exceedance Ranges	9-Sample Distribution	Mean Observed Flow (cfs)	Allowable Load (kg/day)	Mean Load (kg/day)	Estimated Reduction (%)
0-10	1	33.09	202.41	1,911	89.4%
10-40	5	8.45	52	55	6.4%
40-60	3	2.77	17	5	0.0%
60-90	0	1.01	6	No Data	No Data
90-100	0	0.21	1.26	No Data	No Data

[38: Total Manganese at Station 3 (µg/L)] -vs- [3: Flow at Station 3 (cfs)]

1. Data Assessment and Trend Confirmation



2. Load Exceedance Analysis

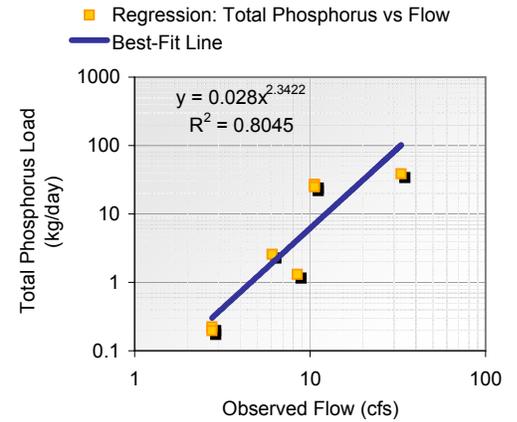
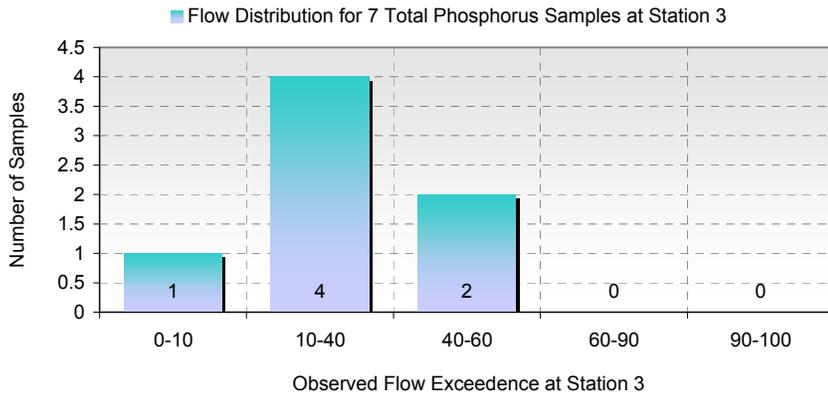


3. Estimated TMDL Loads by Flow Exceedance Range

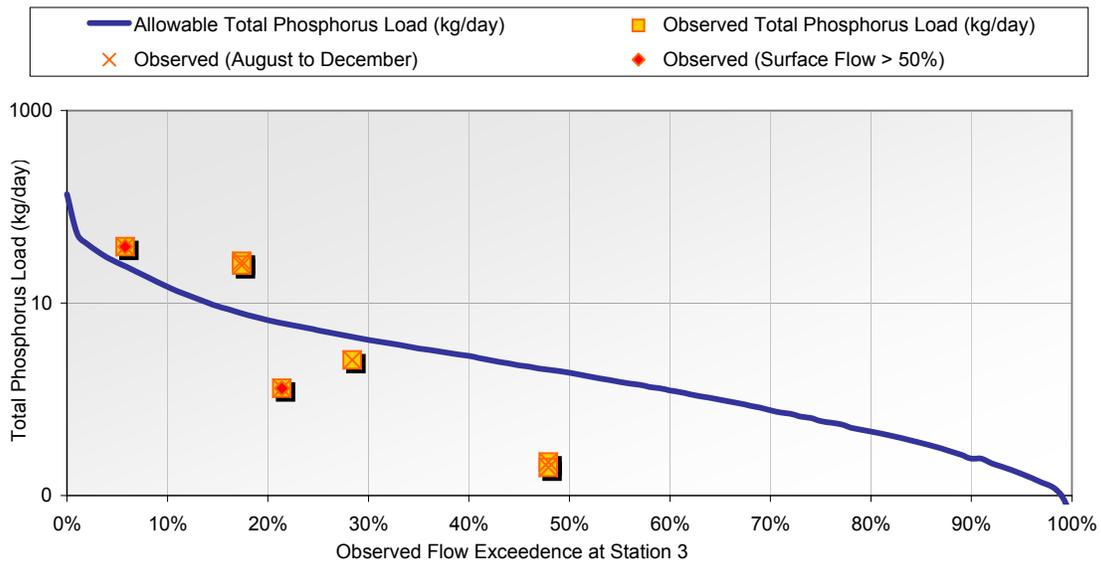
Flow Exceedance Ranges	11-Sample Distribution	Mean Observed Flow (cfs)	Allowable Load (kg/day)	Mean Load (kg/day)	Estimated Reduction (%)
0-10	1	33.09	32.34	126	74.4%
10-40	7	8.55	8	15	45.9%
40-60	3	2.77	3	9	70.2%
60-90	0	1.01	1	No Data	No Data
90-100	0	0.21	0.20	No Data	No Data

[3: Total Phosphorus at Station 3 (mg/L)] -vs- [3: Flow at Station 3 (cfs)]

1. Data Assessment and Trend Confirmation



2. Load Exceedence Analysis

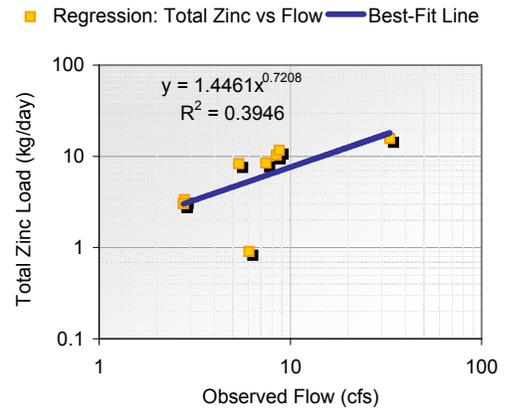
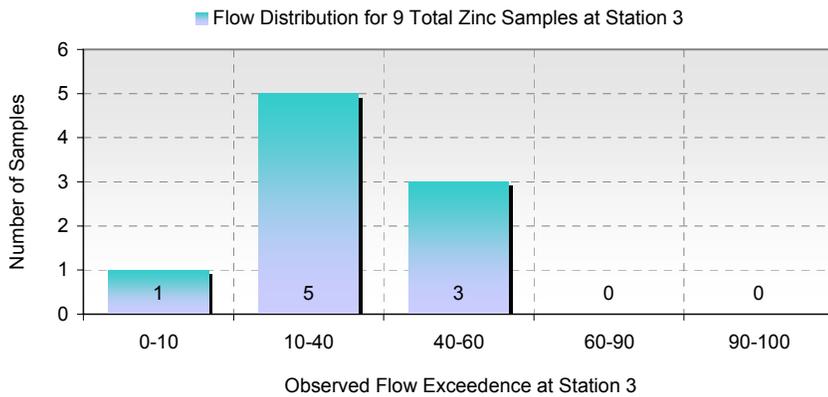


3. Estimated TMDL Loads by Flow Exceedence Range

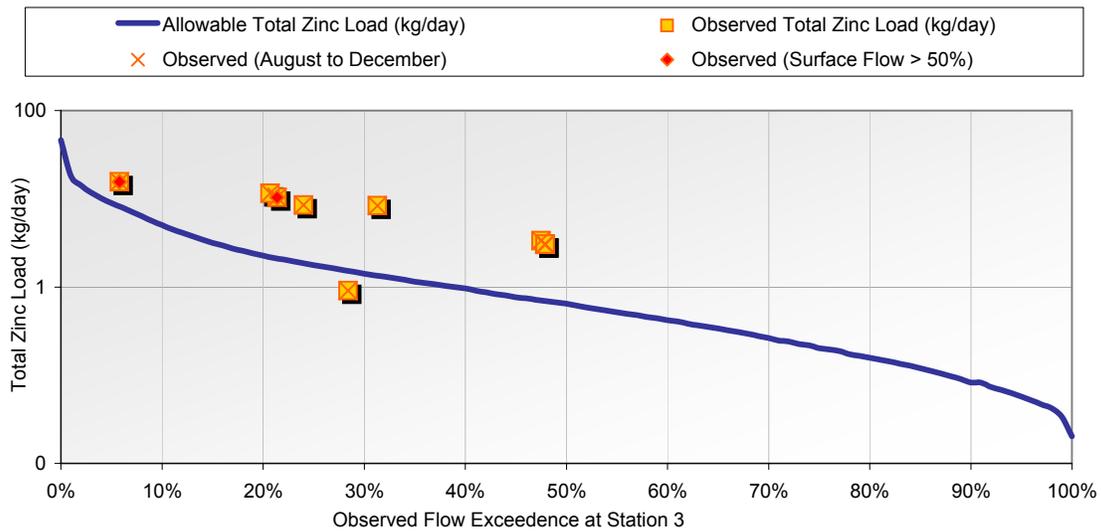
Flow Exceedence Ranges	7-Sample Distribution	Mean Observed Flow (cfs)	Allowable Load (kg/day)	Mean Load (kg/day)	Estimated Reduction (%)
0-10	1	33.09	24.29	39	37.0%
10-40	4	10.62	8	26	69.9%
40-60	2	2.76	2	0	0.0%
60-90	0	1.01	1	No Data	No Data
90-100	0	0.21	0.15	No Data	No Data

[33: Total Zinc at Station 3 (µg/L)] -vs- [3: Flow at Station 3 (cfs)]

1. Data Assessment and Trend Confirmation



2. Load Exceedance Analysis

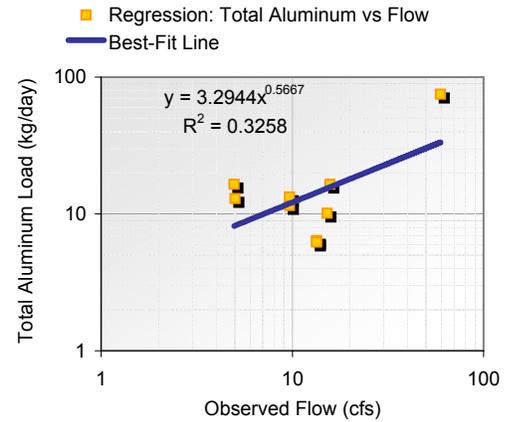
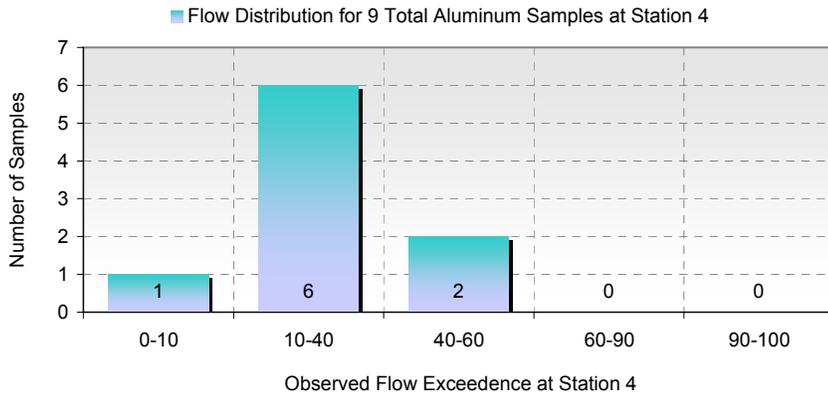


3. Estimated TMDL Loads by Flow Exceedance Range

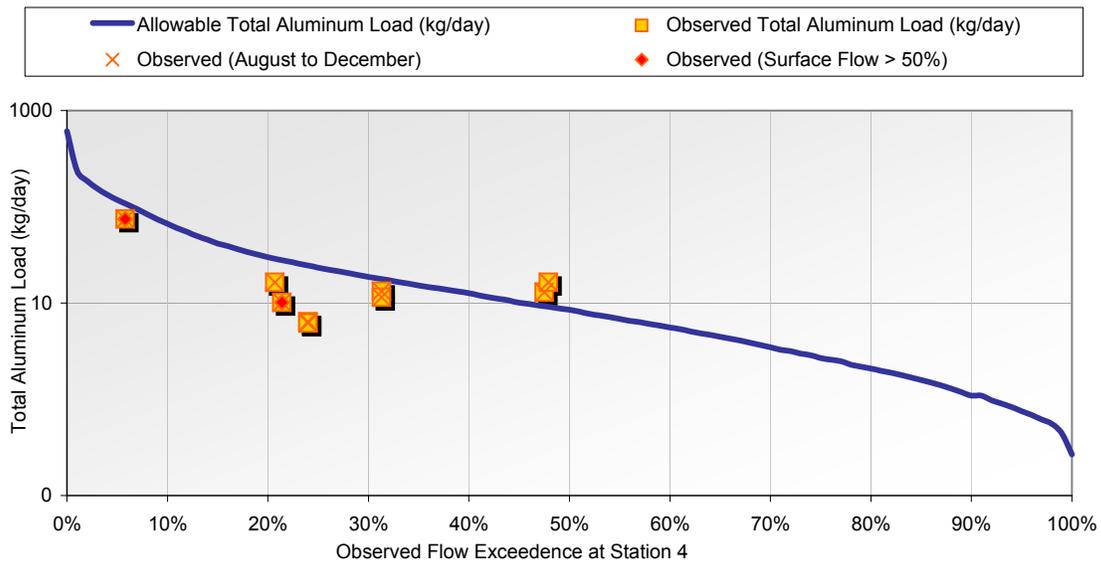
Flow Exceedance Ranges	9-Sample Distribution	Mean Observed Flow (cfs)	Allowable Load (kg/day)	Mean Load (kg/day)	Estimated Reduction (%)
0-10	1	33.09	8.28	16	47.0%
10-40	5	7.51	2	10	80.6%
40-60	3	2.77	1	3	77.9%
60-90	0	1.01	0	No Data	No Data
90-100	0	0.21	0.05	No Data	No Data

[12: Total Aluminum at Station 4 (mg/L)] -vs- [4: Flow at Station 4 (cfs)]

1. Data Assessment and Trend Confirmation



2. Load Exceedance Analysis

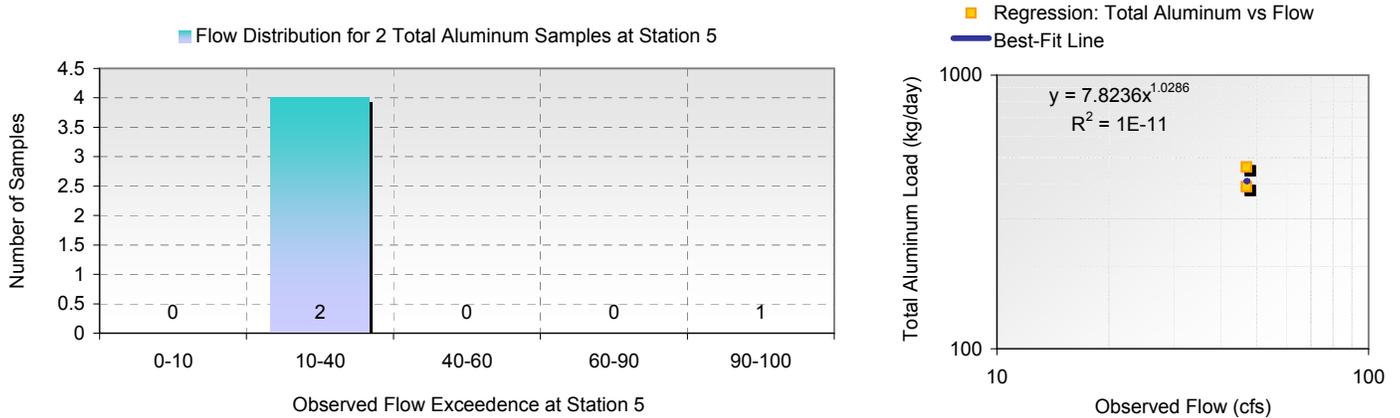


3. Estimated TMDL Loads by Flow Exceedance Range

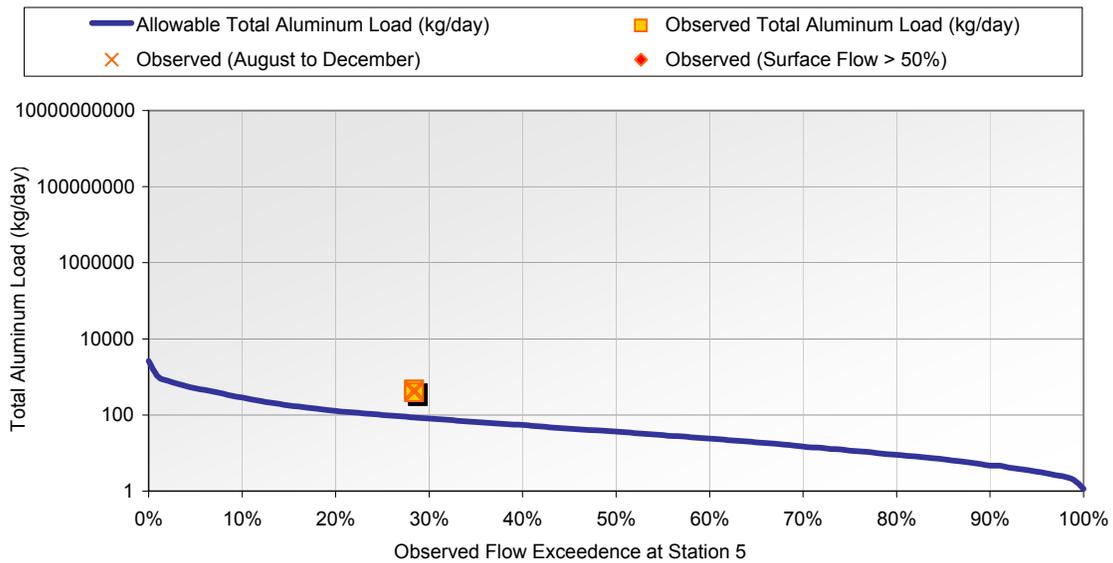
Flow Exceedance Ranges	9-Sample Distribution	Mean Observed Flow (cfs)	Allowable Load (kg/day)	Mean Load (kg/day)	Estimated Reduction (%)
0-10	1	59.57	109.30	75	0.0%
10-40	6	12.86	24	11	0.0%
40-60	2	5.00	9	15	37.5%
60-90	0	1.81	3	No Data	No Data
90-100	0	0.37	0.68	No Data	No Data

[2: Total Aluminum at Station 5 (mg/L)] -vs- [2: Flow at Station 5 (cfs)]

1. Data Assessment and Trend Confirmation



2. Load Exceedence Analysis



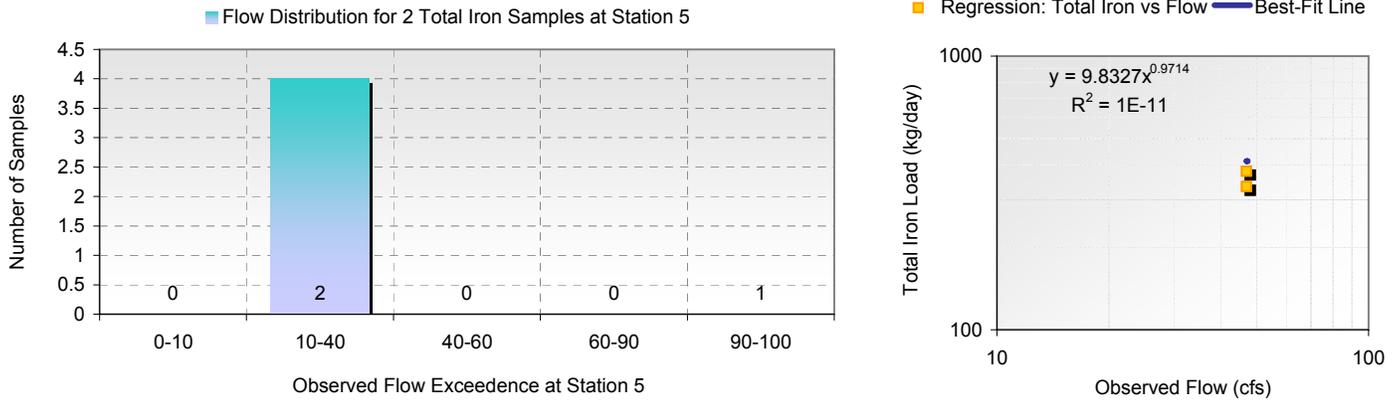
3. Estimated TMDL Loads by Flow Exceedence Range

Flow Exceedence Ranges	4-Sample Distribution	Maximum Observed Flow (cfs)	Allowable Load (kg/day)	Maximum Load (kg/day)	Estimated Reduction (%)
0-10	0	1424.48	2,613.82	No Data	No Data
10-40	4	46.98	86	461	81.3%
40-60	0	29.70	54	No Data	No Data
60-90	0	12.99	24	No Data	No Data
90-100	0	2.55	4.68	No Data	No Data

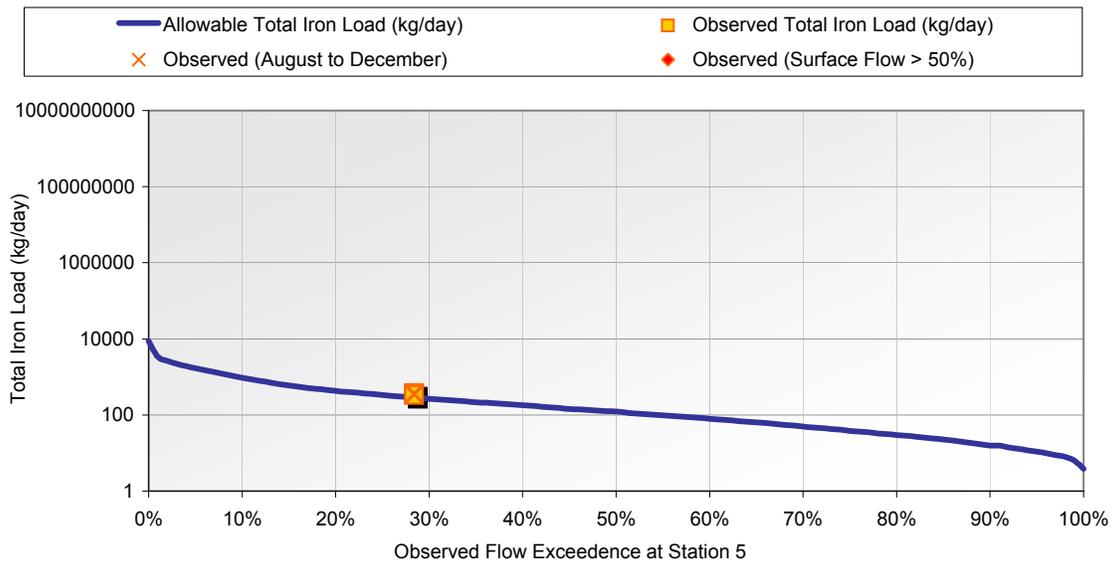
Load Duration Analysis

[3: Total Iron at Station 5 (mg/L)] -vs- [2: Flow at Station 5 (cfs)]

1. Data Assessment and Trend Confirmation



2. Load Exceedence Analysis

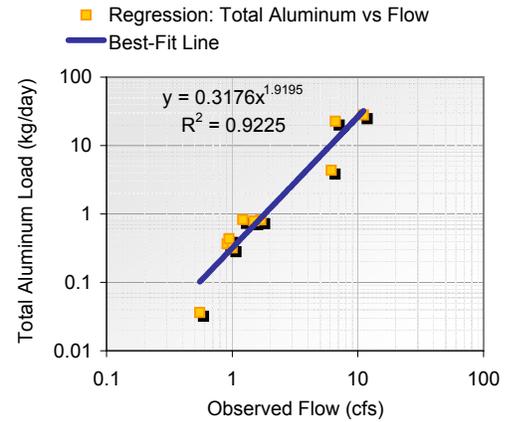
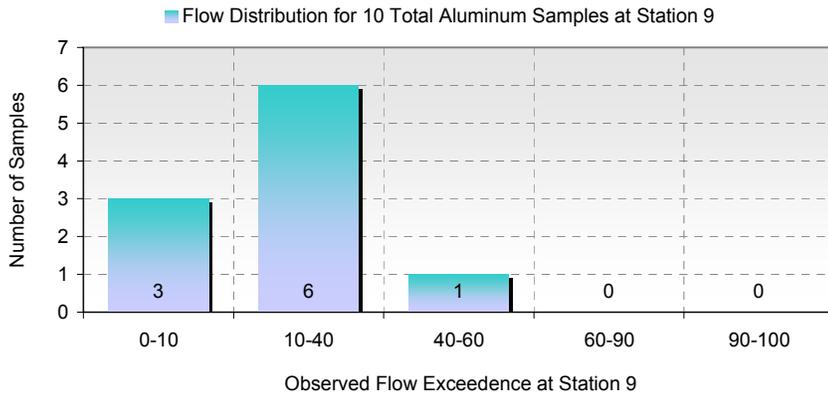


3. Estimated TMDL Loads by Flow Exceedence Range

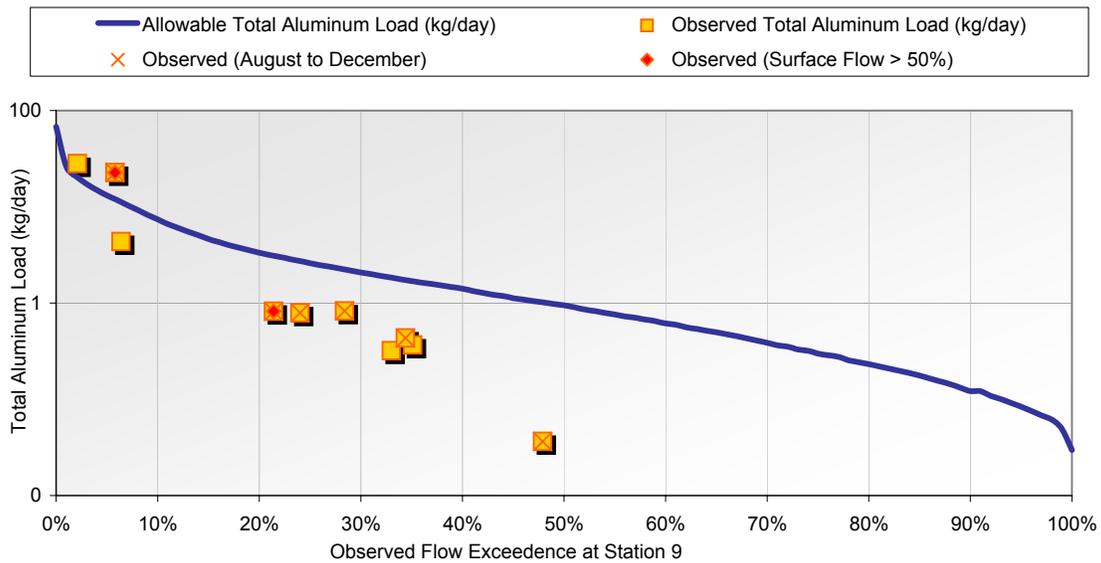
Flow Exceedence Ranges	2-Sample Distribution	Maximum Observed Flow (cfs)	Allowable Load (kg/day)	Maximum Load (kg/day)	Estimated Reduction (%)
0-10	0	1424.48	8,712.75	No Data	No Data
10-40	4	46.98	287	379	24.2%
40-60	0	29.70	182	No Data	No Data
60-90	0	12.99	79	No Data	No Data
90-100	0	2.55	15.61	No Data	No Data

[13: Total Aluminum at Station 9 (mg/L)] -vs- [9: Flow at Station 9 (cfs)]

1. Data Assessment and Trend Confirmation



2. Load Exceedence Analysis



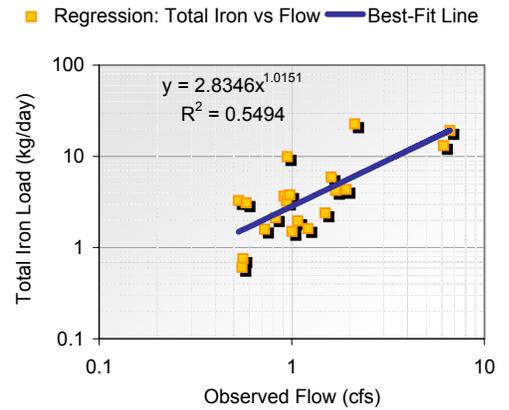
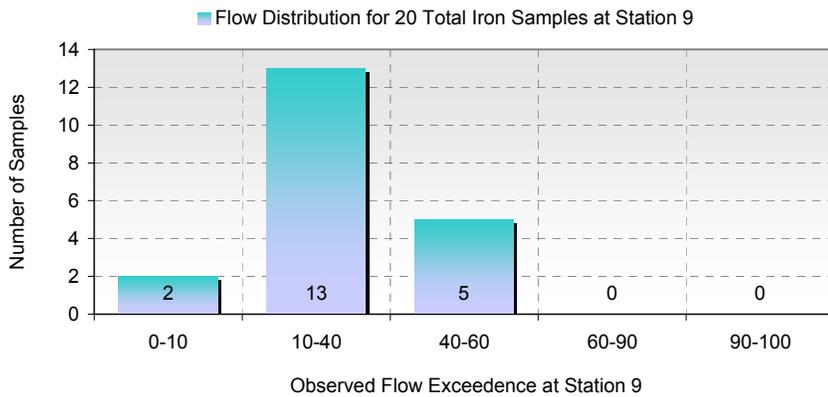
3. Estimated TMDL Loads by Flow Exceedence Range

Flow Exceedence Ranges	10-Sample Distribution	Mean Observed Flow (cfs)	Allowable Load (kg/day)	Mean Load (kg/day)	Estimated Reduction (%)
0-10	3	8.86	16.25	25	35.8%
10-40	6	1.21	2	1	0.0%
40-60	1	0.55	1	0	0.0%
60-90	0	0.20	0	No Data	No Data
90-100	0	0.04	0.08	No Data	No Data

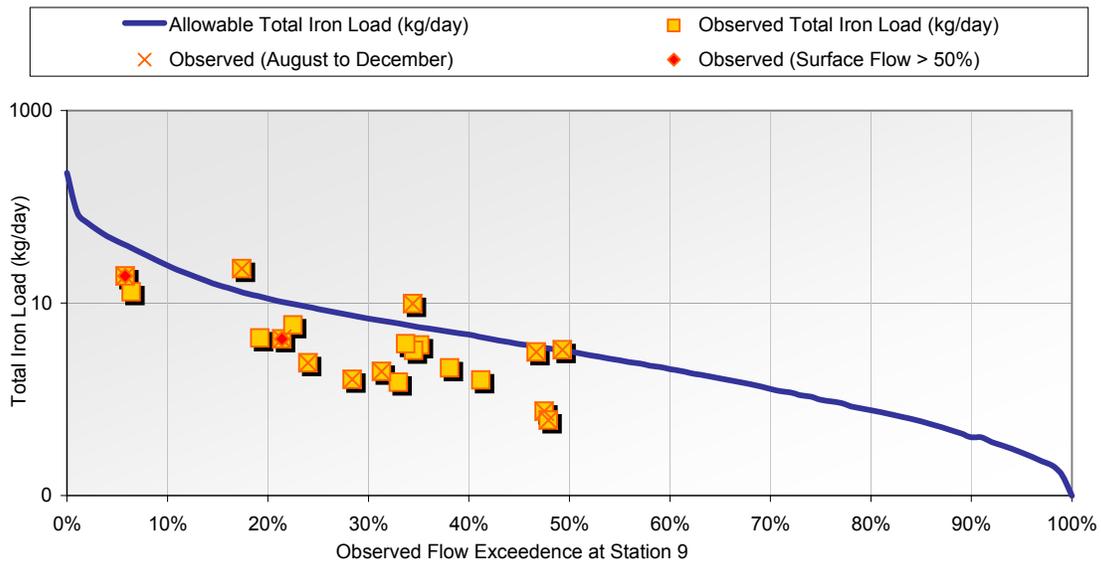
Load Duration Analysis

[22: Total Iron at Station 9 (mg/L)] -vs- [9: Flow at Station 9 (cfs)]

1. Data Assessment and Trend Confirmation



2. Load Exceedence Analysis

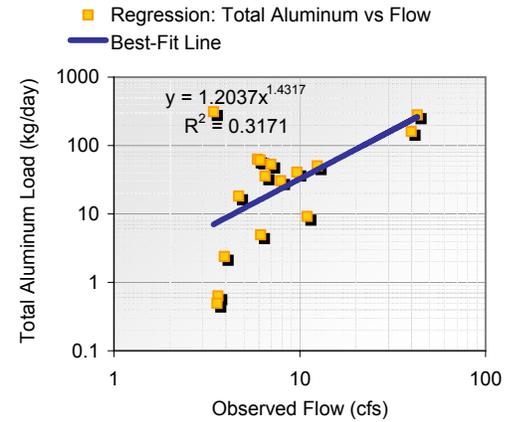
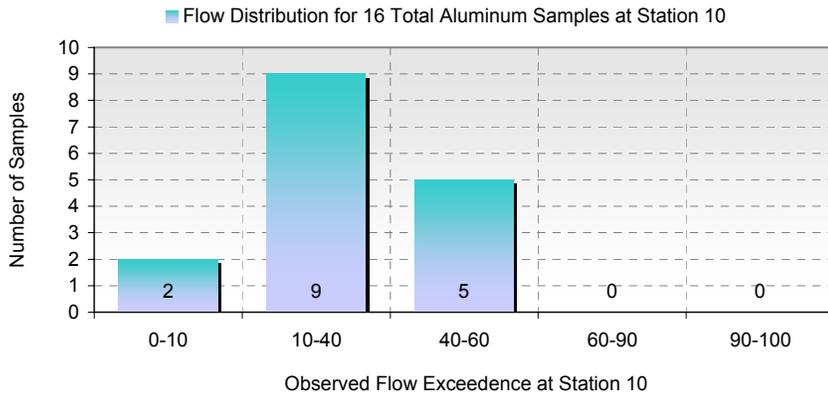


3. Estimated TMDL Loads by Flow Exceedence Range

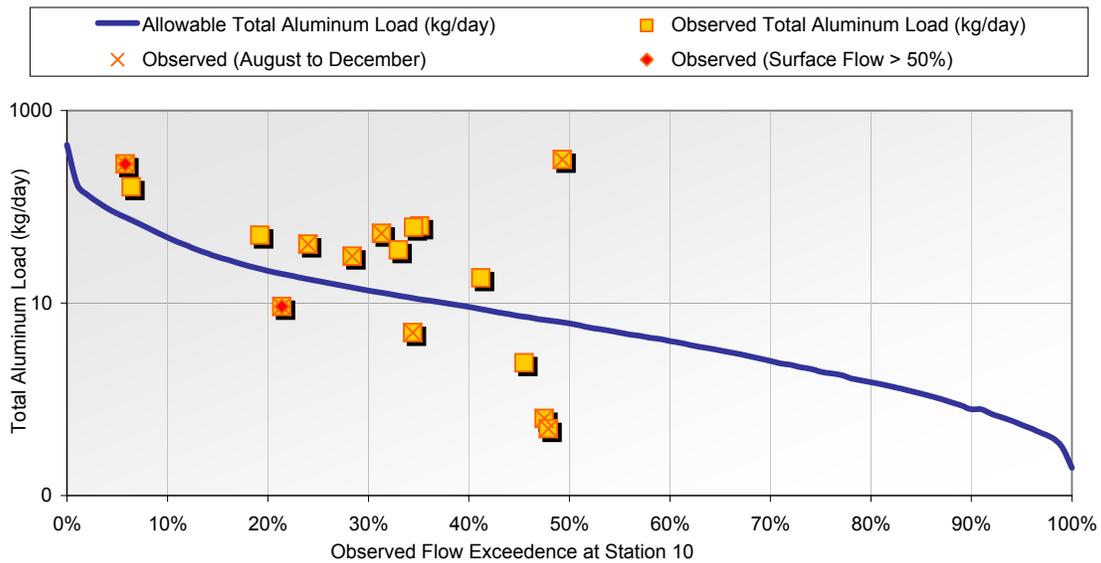
Flow Exceedence Ranges	20-Sample Distribution	Mean Observed Flow (cfs)	Allowable Load (kg/day)	Mean Load (kg/day)	Estimated Reduction (%)
0-10	2	6.38	39.00	16	0.0%
10-40	13	1.54	9	16	42.3%
40-60	5	0.53	3	3	0.8%
60-90	0	0.20	1	No Data	No Data
90-100	0	0.04	0.25	No Data	No Data

[14: Total Aluminum at Station 10 (mg/L)] -vs- [10: Flow at Station 10 (cfs)]

1. Data Assessment and Trend Confirmation



2. Load Exceedance Analysis

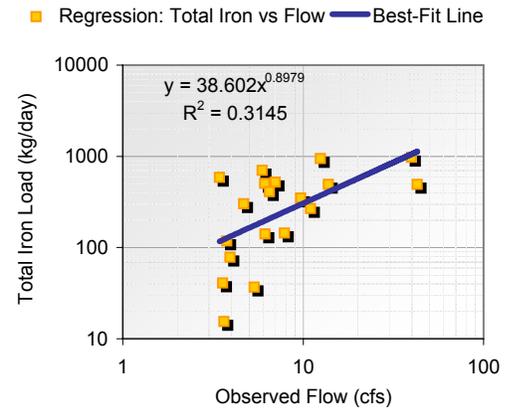
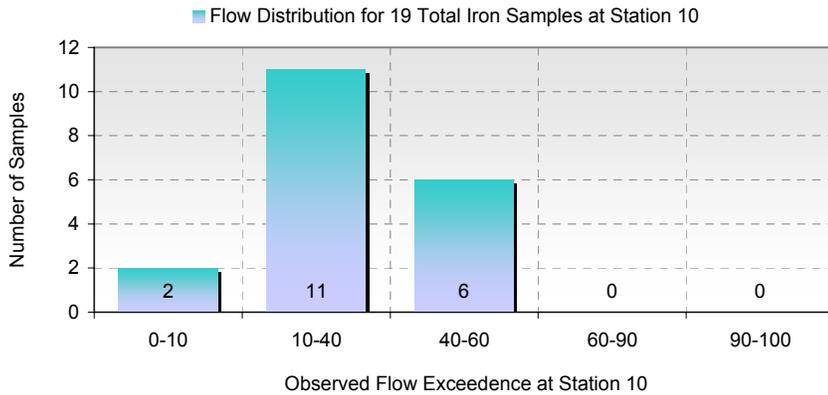


3. Estimated TMDL Loads by Flow Exceedance Range

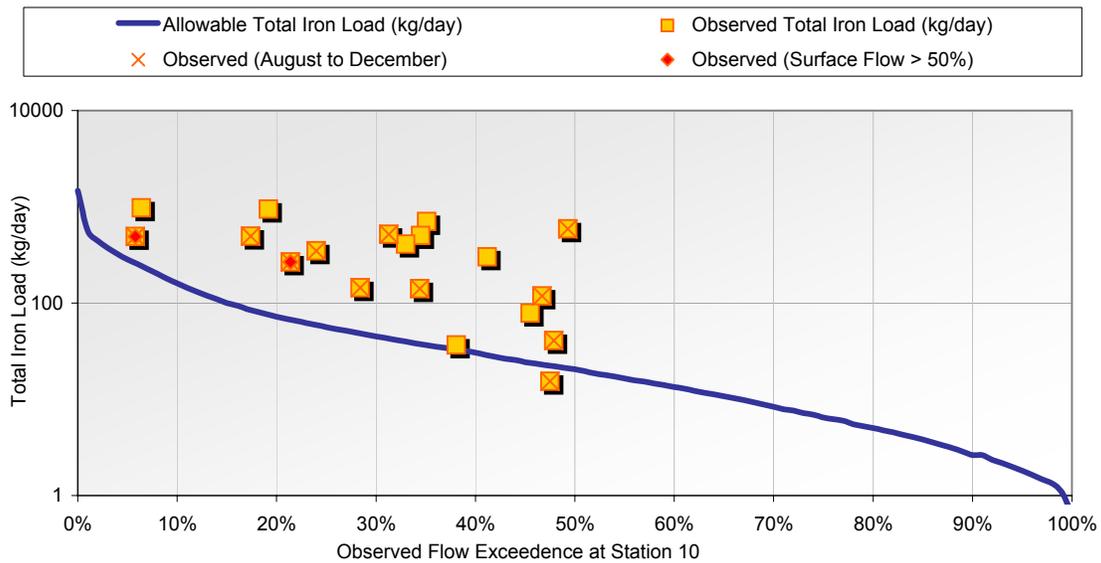
Flow Exceedance Ranges	16-Sample Distribution	Mean Observed Flow (cfs)	Allowable Load (kg/day)	Mean Load (kg/day)	Estimated Reduction (%)
0-10	2	41.44	76.04	220	65.4%
10-40	9	7.94	15	48	69.5%
40-60	5	4.07	7	164	95.4%
60-90	0	1.31	2	No Data	No Data
90-100	0	0.27	0.49	No Data	No Data

[23: Total Iron at Station 10 (mg/L)] -vs- [10: Flow at Station 10 (cfs)]

1. Data Assessment and Trend Confirmation



2. Load Exceedance Analysis



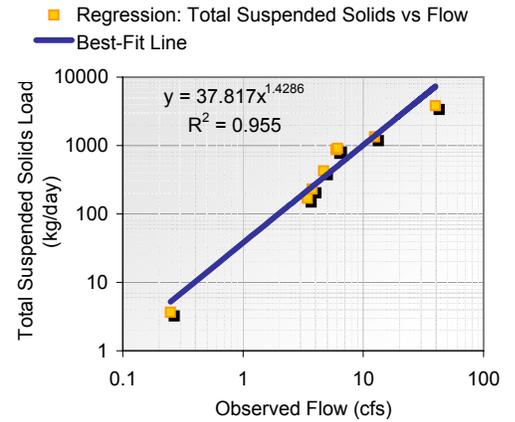
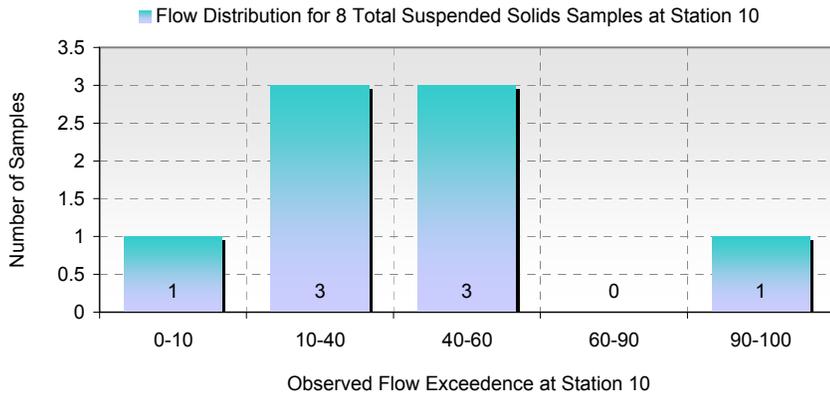
3. Estimated TMDL Loads by Flow Exceedance Range

Flow Exceedance Ranges	19-Sample Distribution	Mean Observed Flow (cfs)	Allowable Load (kg/day)	Mean Load (kg/day)	Estimated Reduction (%)
0-10	2	41.44	253.47	733	65.4%
10-40	11	8.36	51	410	87.5%
40-60	6	3.88	24	225	89.5%
60-90	0	1.31	8	No Data	No Data
90-100	0	0.27	1.63	No Data	No Data

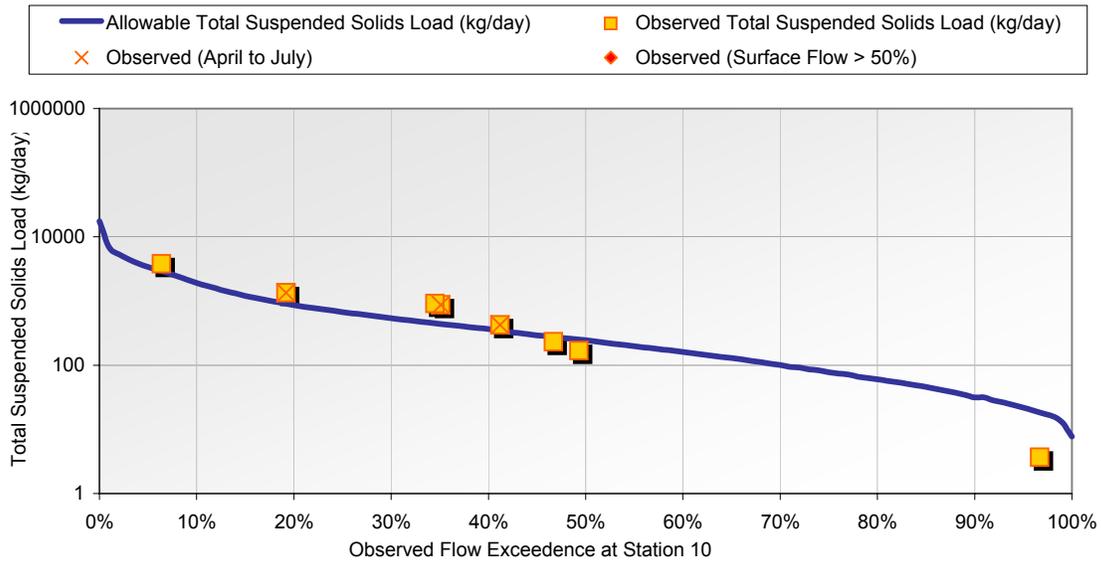
Load Duration Analysis

[40: Total Suspended Solids at Station 10 (mg/L)] -vs- [10: Flow at Station 10 (cfs)]

1. Data Assessment and Trend Confirmation



2. Load Exceedence Analysis

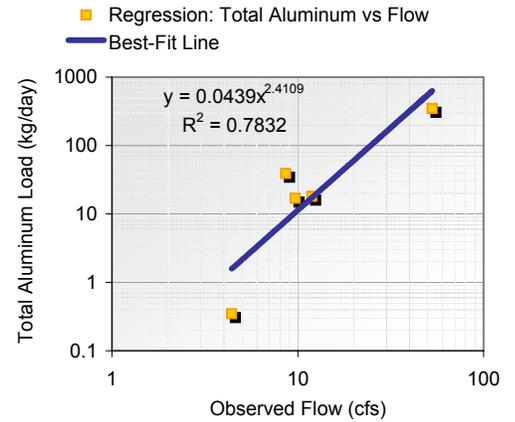
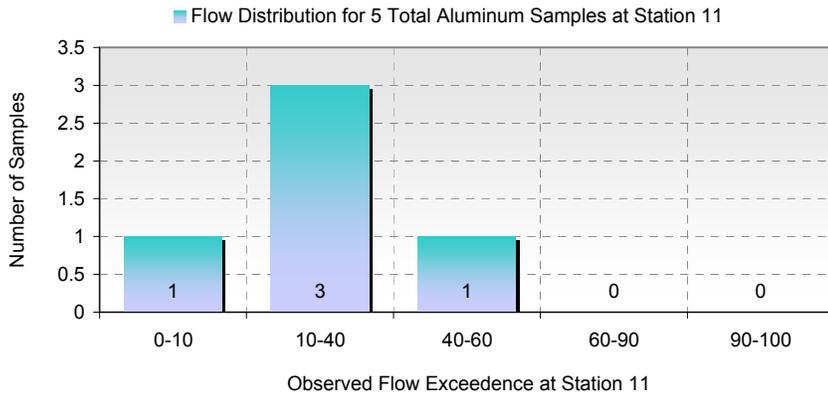


3. Estimated TMDL Loads by Flow Exceedence Range

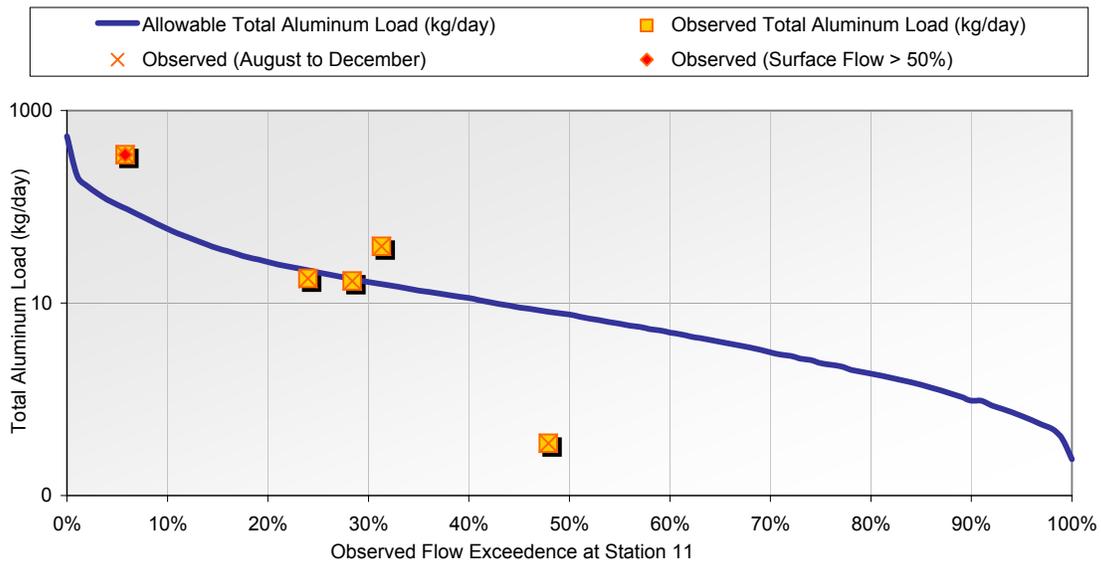
Flow Exceedence Ranges	8-Sample Distribution	Mean Observed Flow (cfs)	Allowable Load (kg/day)	Mean Load (kg/day)	Estimated Reduction (%)
0-10	1	39.86	2,925.78	3,804	23.1%
10-40	3	8.17	600	1,042	42.4%
40-60	3	4.69	345	425	18.9%
60-90	0	1.31	96	No Data	No Data
90-100	1	0.25	18.33	4	0.0%

[15: Total Aluminum at Station 11 (mg/L)] -vs- [11: Flow at Station 11 (cfs)]

1. Data Assessment and Trend Confirmation



2. Load Exceedence Analysis

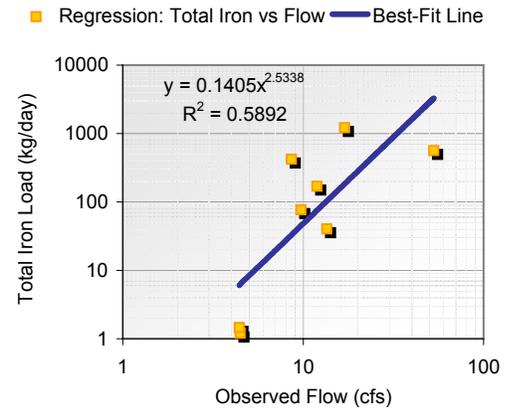
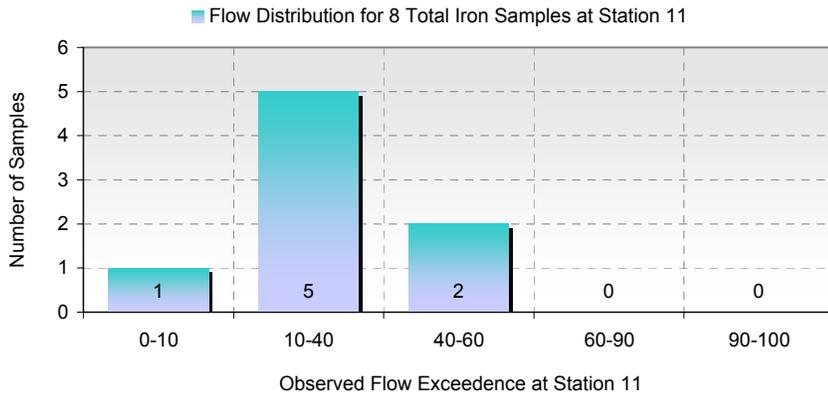


3. Estimated TMDL Loads by Flow Exceedence Range

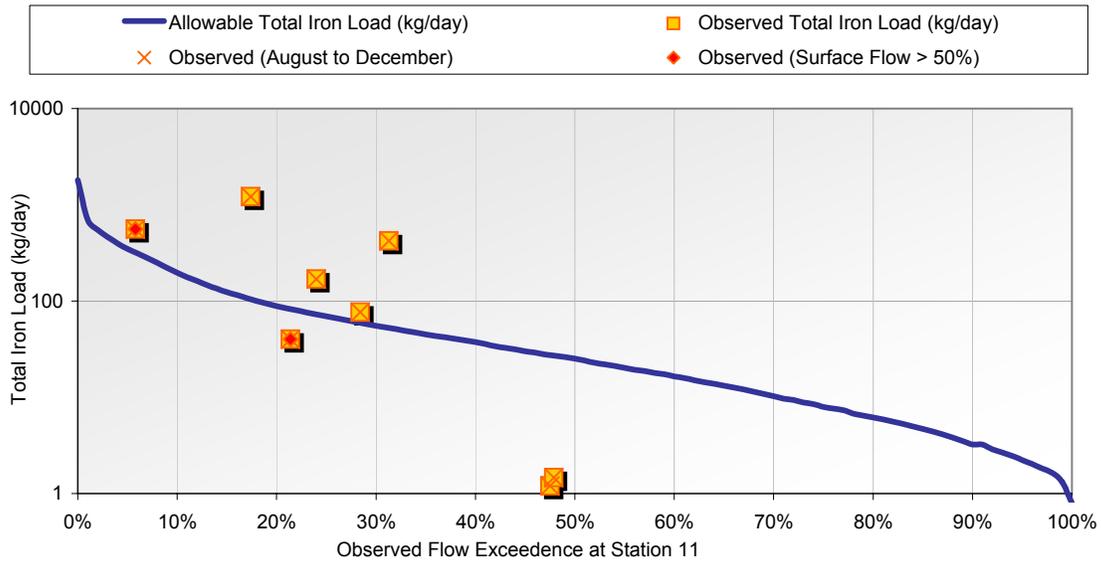
Flow Exceedence Ranges	5-Sample Distribution	Mean Observed Flow (cfs)	Allowable Load (kg/day)	Mean Load (kg/day)	Estimated Reduction (%)
0-10	1	52.95	97.16	347	72.0%
10-40	3	8.61	16	39	59.2%
40-60	1	4.42	8	0	0.0%
60-90	0	1.61	3	No Data	No Data
90-100	0	0.33	0.60	No Data	No Data

[24: Total Iron at Station 11 (mg/L)] -vs- [11: Flow at Station 11 (cfs)]

1. Data Assessment and Trend Confirmation



2. Load Exceedence Analysis

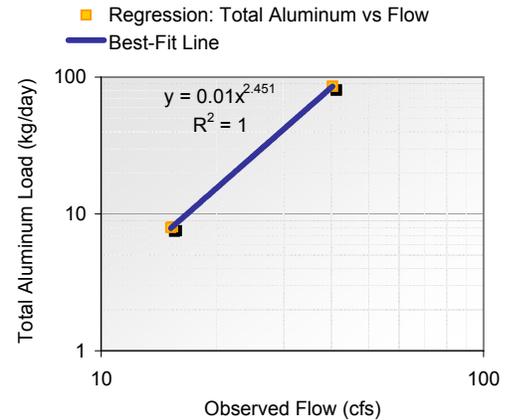
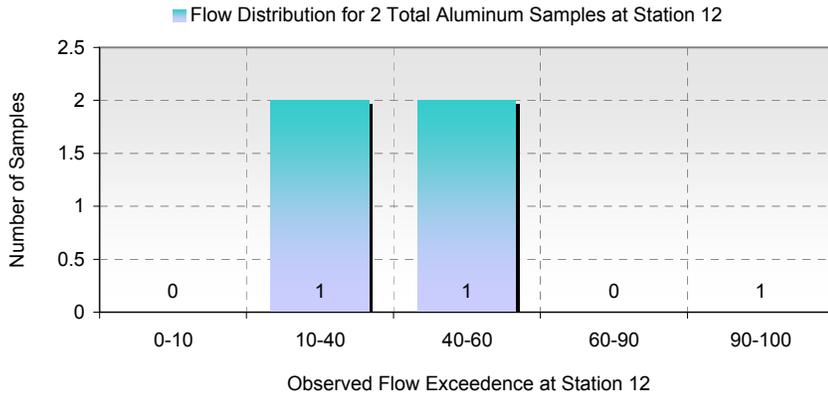


3. Estimated TMDL Loads by Flow Exceedence Range

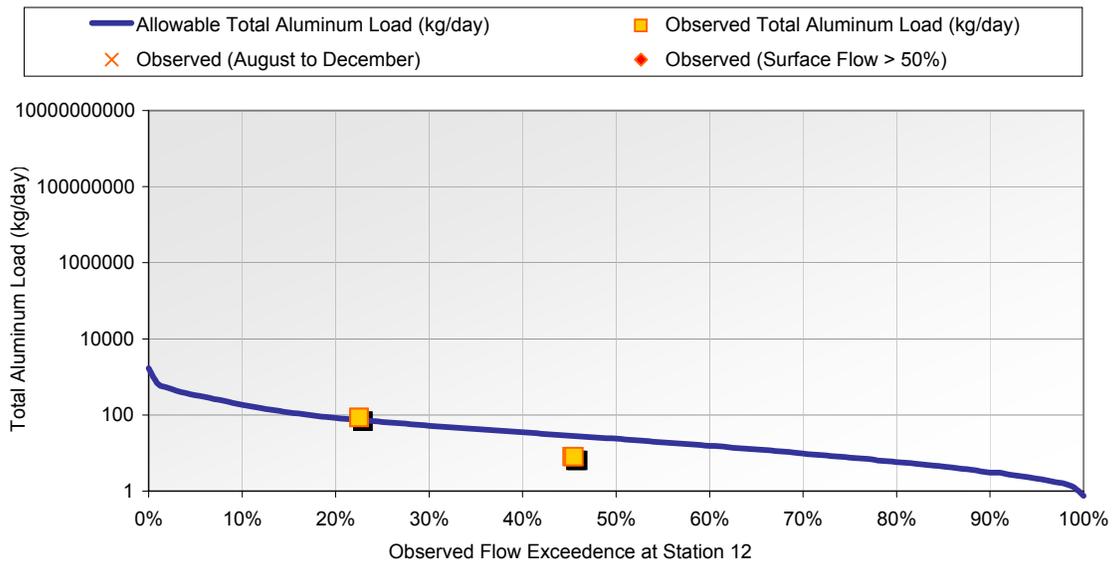
Flow Exceedence Ranges	8-Sample Distribution	Mean Observed Flow (cfs)	Allowable Load (kg/day)	Mean Load (kg/day)	Estimated Reduction (%)
0-10	1	52.95	323.85	558	42.0%
10-40	5	11.81	72	471	84.7%
40-60	2	4.45	27	1	0.0%
60-90	0	1.61	10	No Data	No Data
90-100	0	0.33	2.01	No Data	No Data

[4: Total Aluminum at Station 12 (mg/L)] -vs- [6: Flow at Station 12 (cfs)]

1. Data Assessment and Trend Confirmation



2. Load Exceedence Analysis



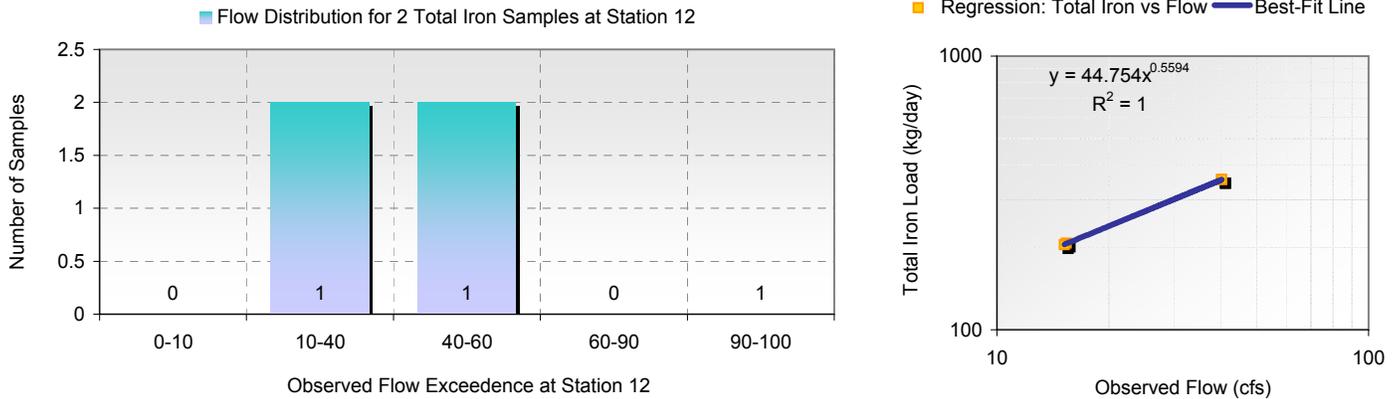
3. Estimated TMDL Loads by Flow Exceedence Range

Flow Exceedence Ranges	2-Sample Distribution	Maximum Observed Flow (cfs)	Allowable Load (kg/day)	Maximum Load (kg/day)	Estimated Reduction (%)
0-10	0	927.14	1,701.24	No Data	No Data
10-40	2	40.27	74	86	13.6%
40-60	2	15.38	28	8	0.0%
60-90	0	8.46	16	No Data	No Data
90-100	0	1.66	3.05	No Data	No Data

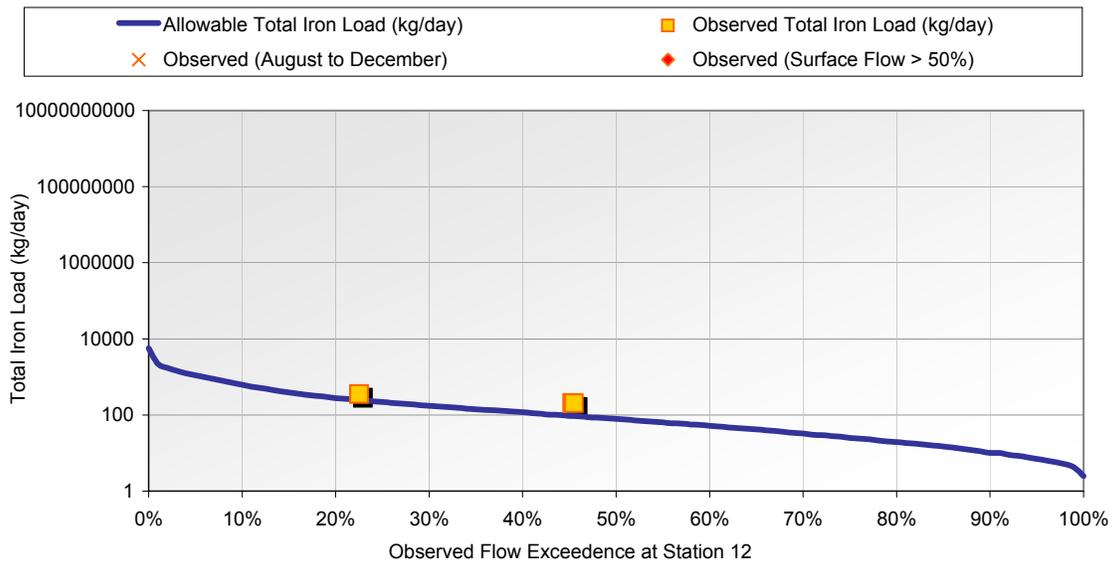
Load Duration Analysis

[5: Total Iron at Station 12 (mg/L)] -vs- [6: Flow at Station 12 (cfs)]

1. Data Assessment and Trend Confirmation



2. Load Exceedence Analysis

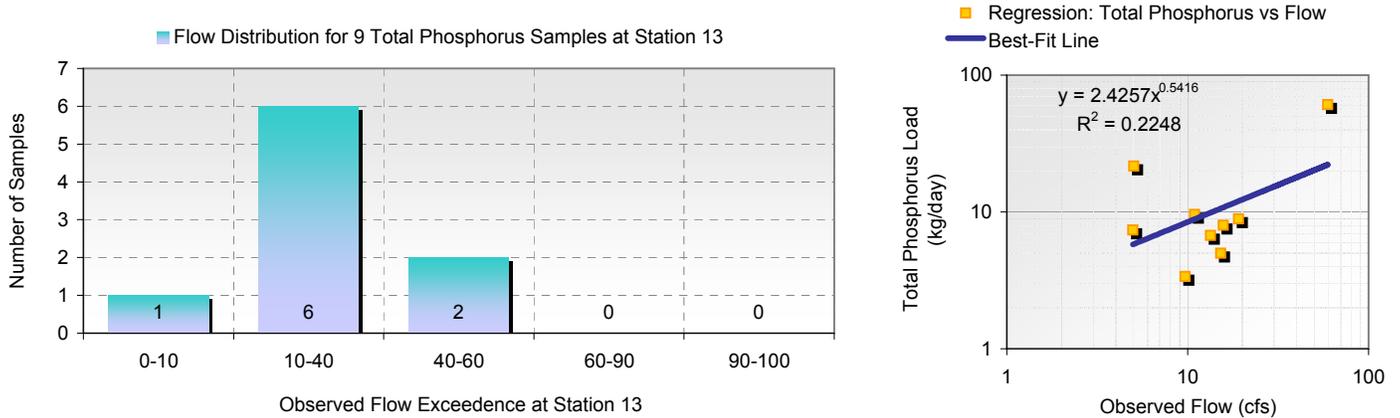


3. Estimated TMDL Loads by Flow Exceedence Range

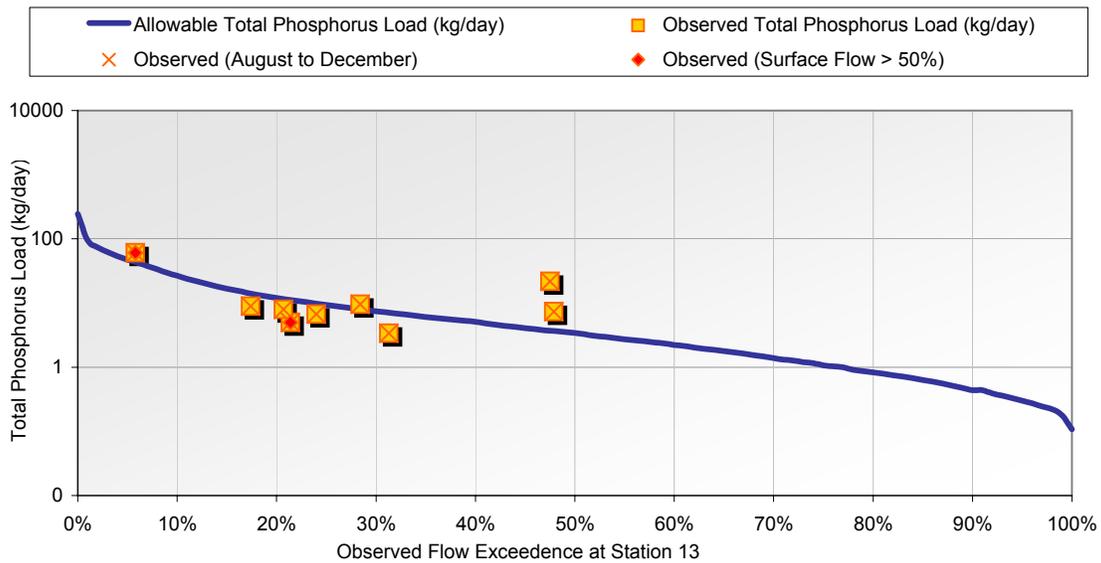
Flow Exceedence Ranges	2-Sample Distribution	Maximum Observed Flow (cfs)	Allowable Load (kg/day)	Maximum Load (kg/day)	Estimated Reduction (%)
0-10	0	927.14	5,670.80	No Data	No Data
10-40	2	40.27	246	354	30.4%
40-60	2	15.38	94	207	54.5%
60-90	0	8.46	52	No Data	No Data
90-100	0	1.66	10.16	No Data	No Data

[6: Total Phosphorus at Station 13 (mg/L)] -vs- [13: Flow at Station 13 (cfs)]

1. Data Assessment and Trend Confirmation



2. Load Exceedence Analysis

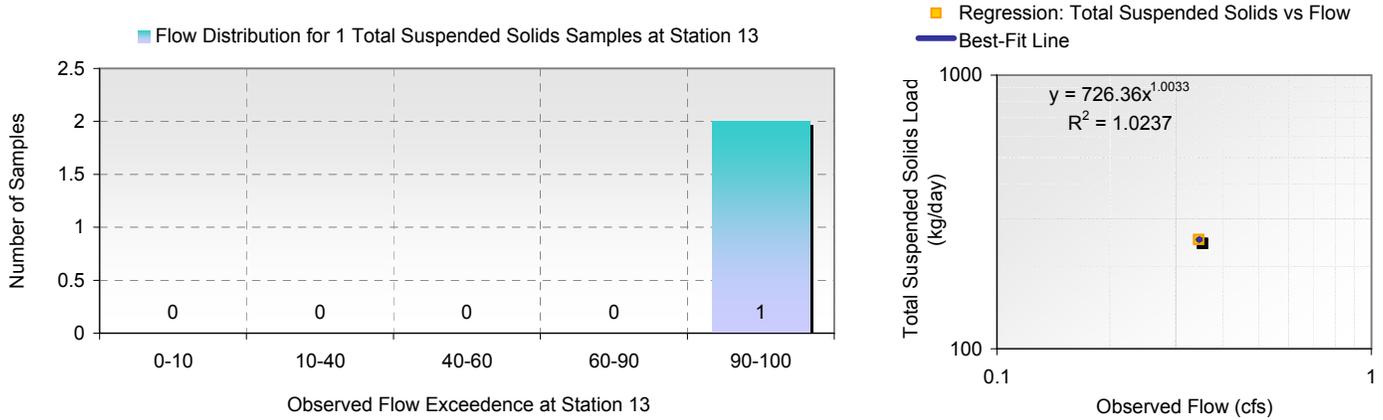


3. Estimated TMDL Loads by Flow Exceedence Range

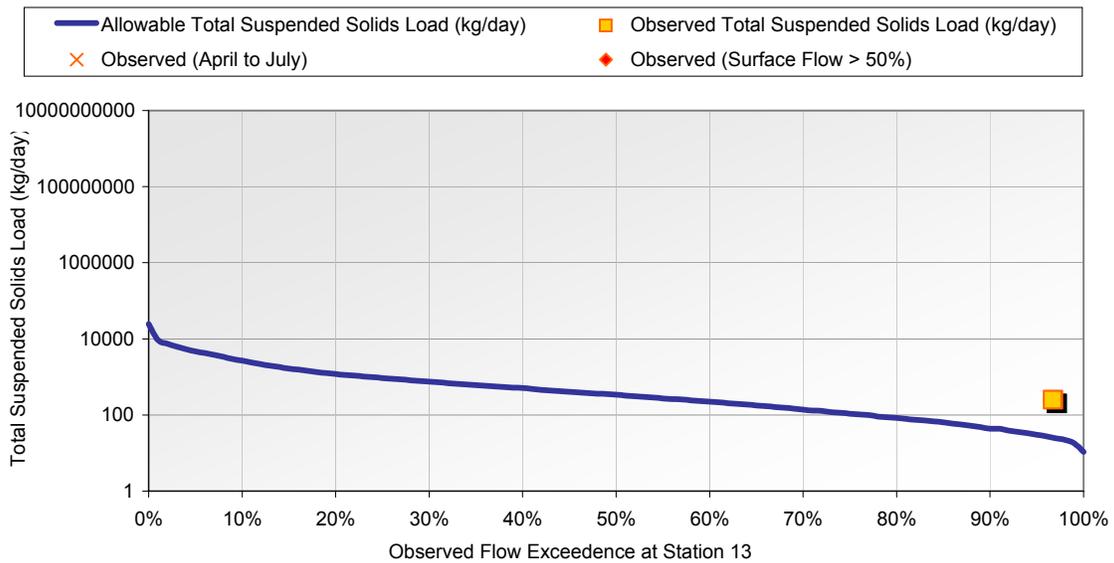
Flow Exceedence Ranges	9-Sample Distribution	Mean Observed Flow (cfs)	Allowable Load (kg/day)	Mean Load (kg/day)	Estimated Reduction (%)
0-10	1	59.57	43.72	61	28.1%
10-40	6	10.94	8	10	16.4%
40-60	2	5.00	4	15	74.7%
60-90	0	1.81	1	No Data	No Data
90-100	0	0.37	0.27	No Data	No Data

[8: Total Suspended Solids at Station 13 (mg/L)] -vs- [3: Flow at Station 13 (cfs)]

1. Data Assessment and Trend Confirmation



2. Load Exceedence Analysis

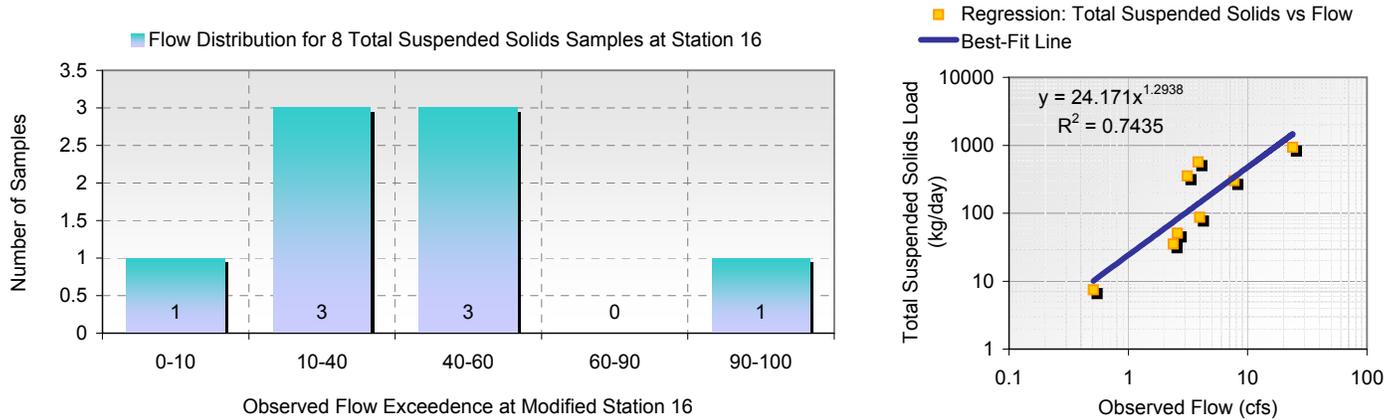


3. Estimated TMDL Loads by Flow Exceedence Range

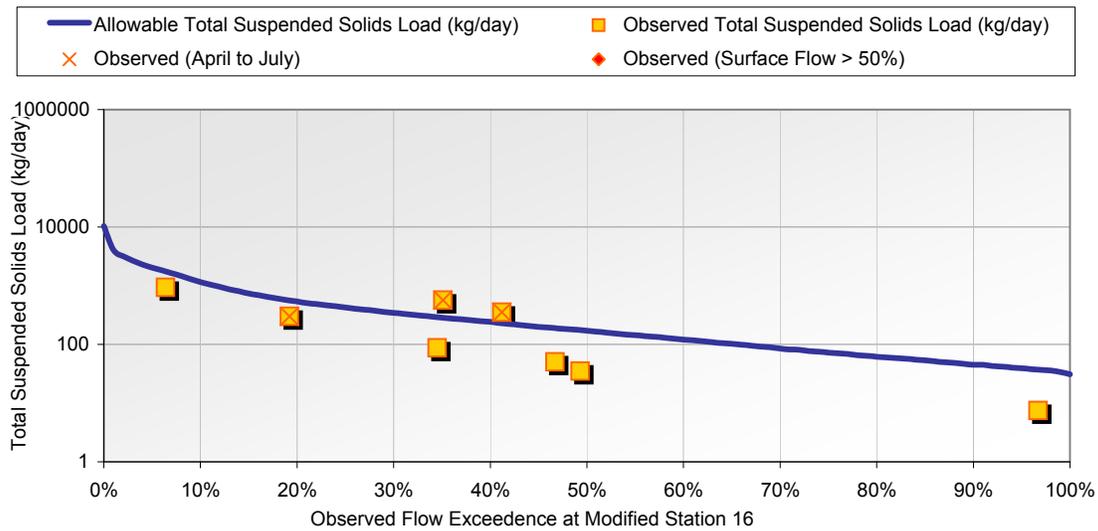
Flow Exceedence Ranges	1-Sample Distribution	Maximum Observed Flow (cfs)	Allowable Load (kg/day)	Maximum Load (kg/day)	Estimated Reduction (%)
0-10	0	331.56	24,335.60	No Data	No Data
10-40	0	36.18	2,656	No Data	No Data
40-60	0	6.91	507	No Data	No Data
60-90	0	3.02	222	No Data	No Data
90-100	2	0.35	25.38	250	89.9%

[\[28: Total Suspended Solids at Station 16 \(mg/L\)\]](#) -vs- [\[27: Flow at Modified Station 16 \(cfs\)\]](#)

1. Data Assessment and Trend Confirmation



2. Load Exceedence Analysis

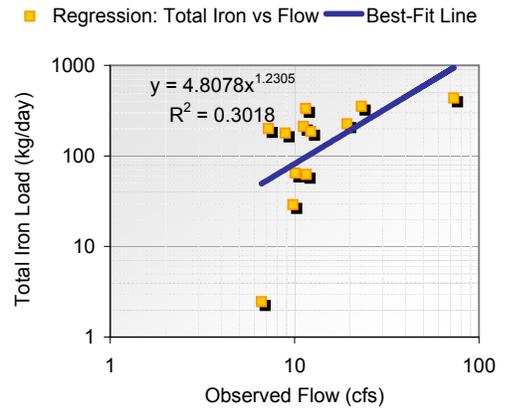
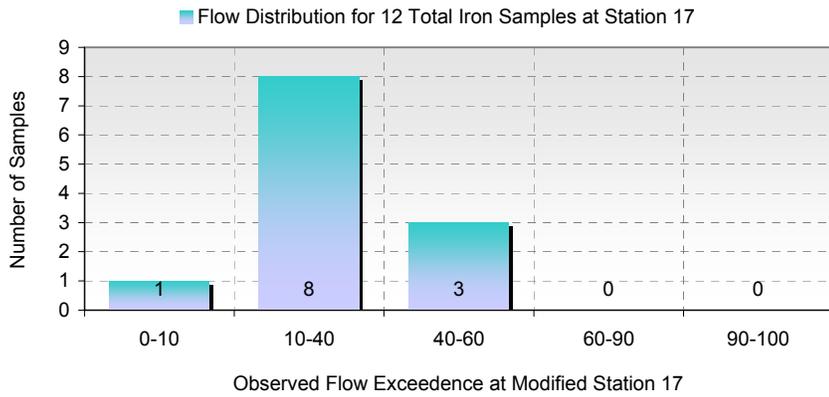


3. Estimated TMDL Loads by Flow Exceedence Range

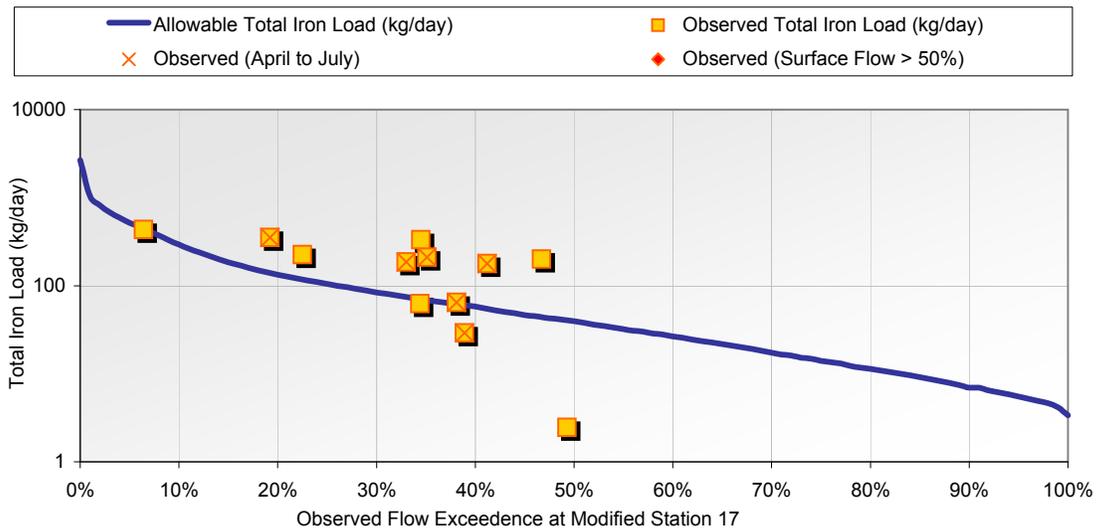
Flow Exceedence Ranges	8-Sample Distribution	Mean Observed Flow (cfs)	Allowable Load (kg/day)	Mean Load (kg/day)	Estimated Reduction (%)
0-10	1	23.87	1751.84	934.31	0.0%
10-40	3	3.86	283.30	566.60	50.0%
40-60	3	3.13	229.60	352.05	34.8%
60-90	0	1.13	82.92	No Data	No Data
90-100	1	0.51	37.35	7.47	0.0%

[26: Total Iron at Station 17 (mg/L)] -vs- [28: Flow at Modified Station 17 (cfs)]

1. Data Assessment and Trend Confirmation



2. Load Exceedence Analysis

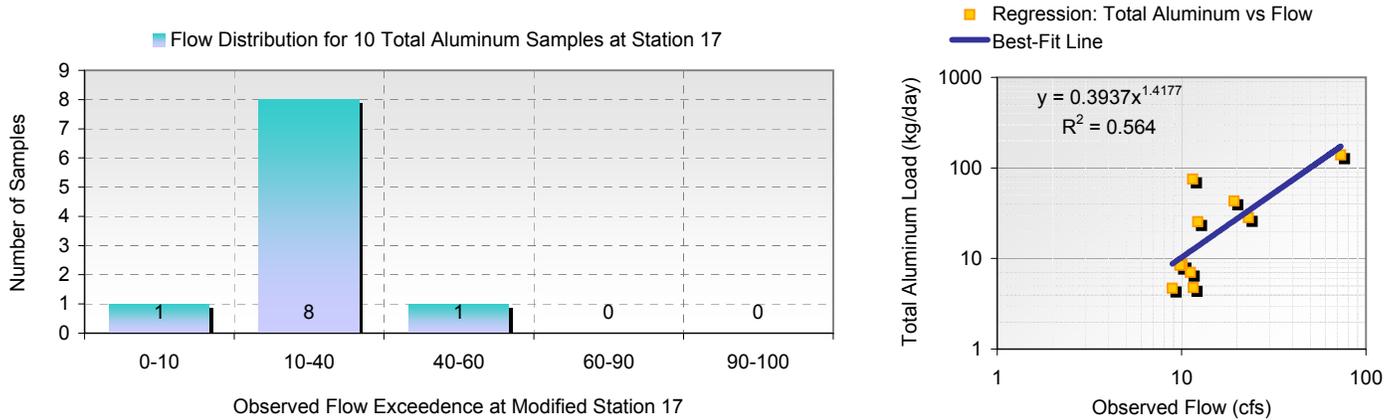


3. Estimated TMDL Loads by Flow Exceedence Range

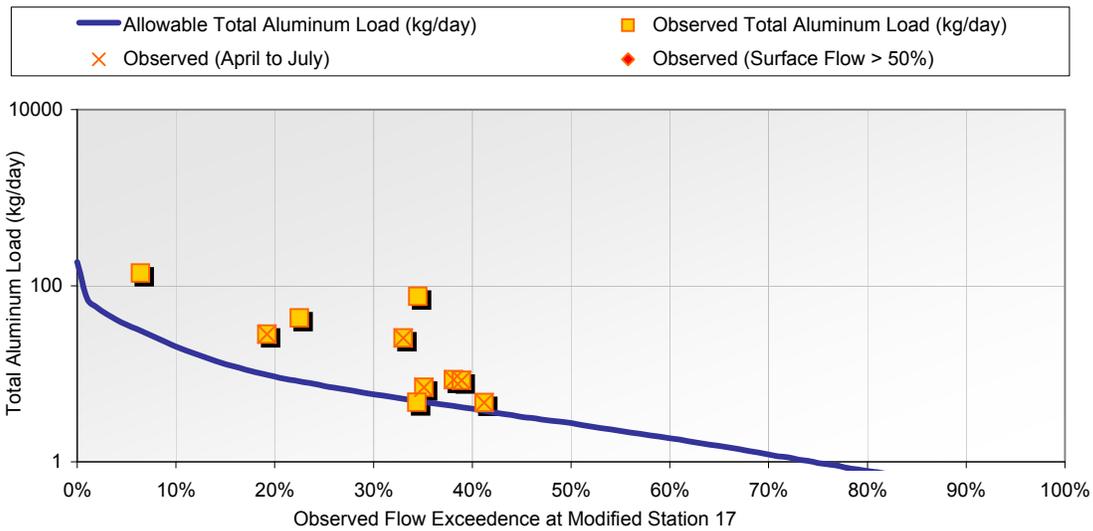
Flow Exceedence Ranges	12-Sample Distribution	Mean Observed Flow (cfs)	Allowable Load (kg/day)	Mean Load (kg/day)	Estimated Reduction (%)
0-10	1	72.93	446.07	435.36	0.0%
10-40	8	14.55	89.01	228.64	61.1%
40-60	3	8.06	49.33	189.18	73.9%
60-90	0	2.74	16.75	No Data	No Data
90-100	0	0.85	5.17	No Data	No Data

[18: Total Aluminum at Station 17 (mg/L)] -vs- [28: Flow at Modified Station 17 (cfs)]

1. Data Assessment and Trend Confirmation



2. Load Exceedence Analysis

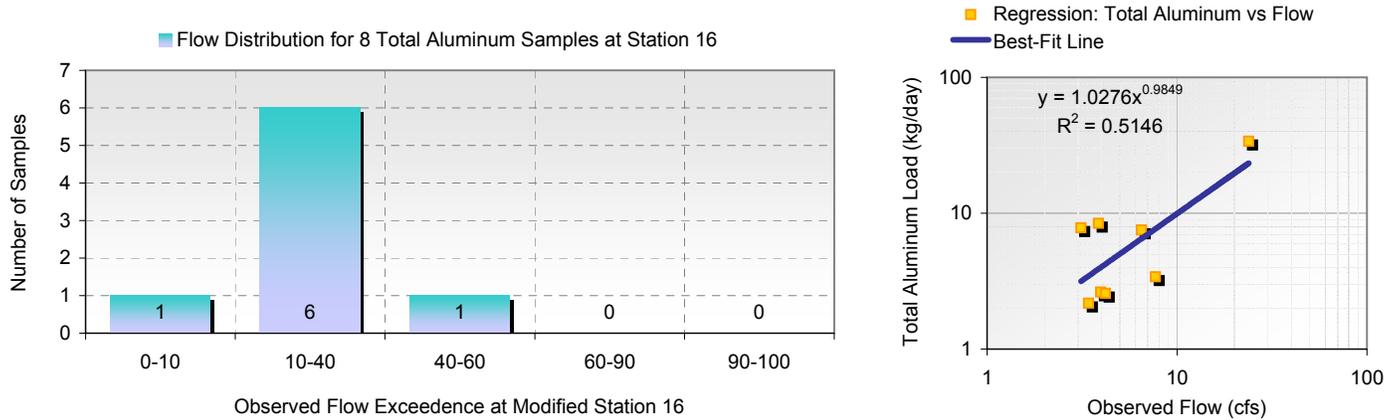


3. Estimated TMDL Loads by Flow Exceedence Range

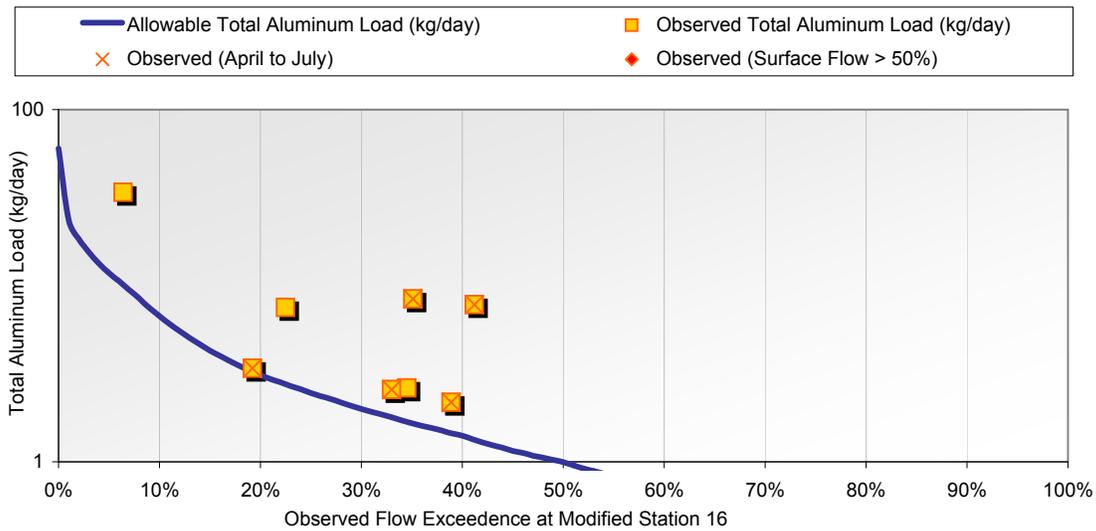
Flow Exceedence Ranges	10-Sample Distribution	Mean Observed Flow (cfs)	Allowable Load (kg/day)	Mean Load (kg/day)	Estimated Reduction (%)
0-10	1	72.93	31.05	139.17	77.7%
10-40	8	13.88	5.91	27.99	78.9%
40-60	1	8.91	3.79	4.68	19.1%
60-90	0	2.74	1.17	No Data	No Data
90-100	0	0.85	0.36	No Data	No Data

[17: Total Aluminum at Station 16 (mg/L)] -vs- [27: Flow at Modified Station 16 (cfs)]

1. Data Assessment and Trend Confirmation



2. Load Exceedence Analysis

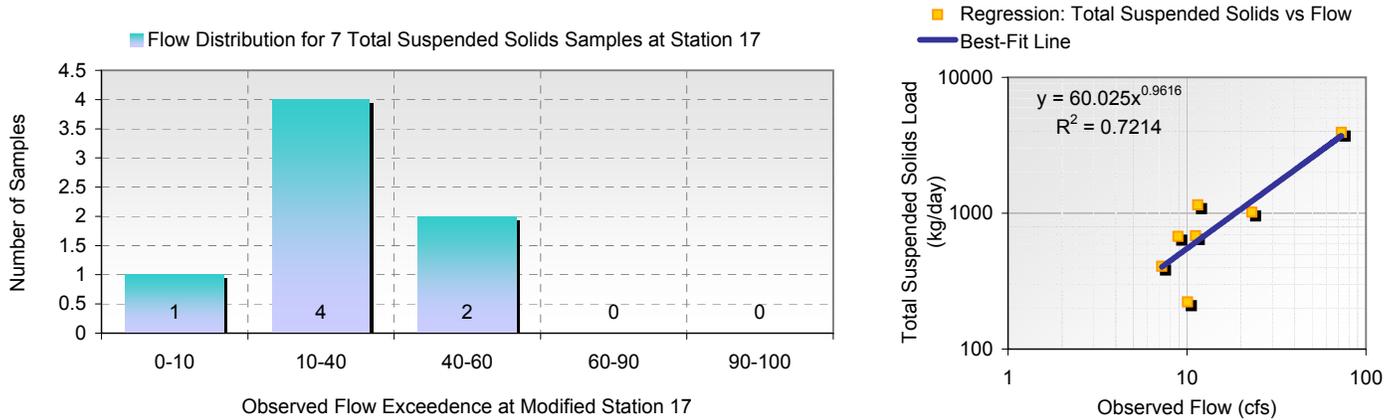


3. Estimated TMDL Loads by Flow Exceedence Range

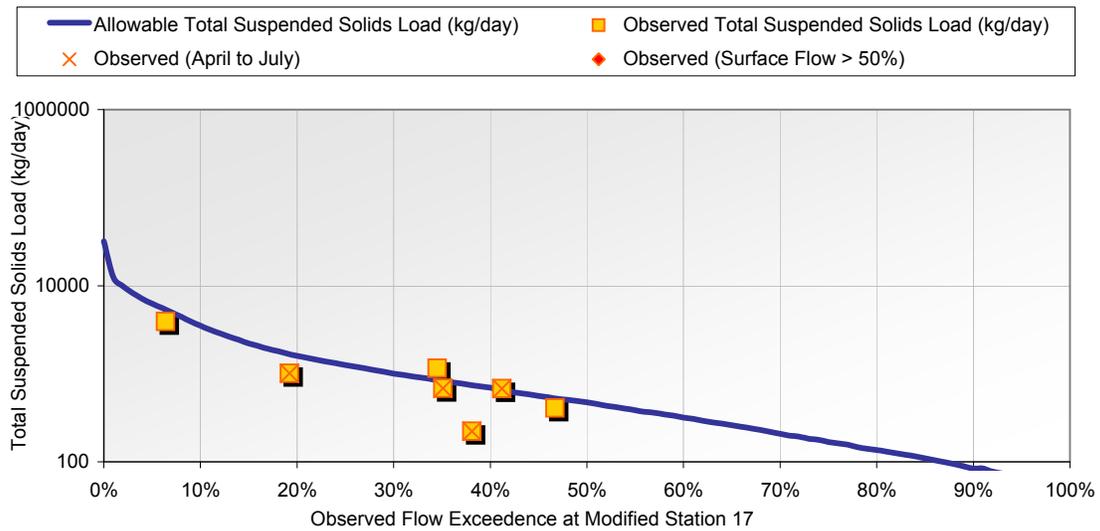
Flow Exceedence Ranges	8-Sample Distribution	Mean Observed Flow (cfs)	Allowable Load (kg/day)	Mean Load (kg/day)	Estimated Reduction (%)
0-10	1	23.87	10.16	33.87	70.0%
10-40	6	4.94	2.10	4.45	52.7%
40-60	1	3.13	1.33	7.81	82.9%
60-90	0	1.13	0.48	No Data	No Data
90-100	0	0.52	0.22	No Data	No Data

[\[29: Total Suspended Solids at Station 17 \(mg/L\)\]](#) -vs- [\[28: Flow at Modified Station 17 \(cfs\)\]](#)

1. Data Assessment and Trend Confirmation



2. Load Exceedence Analysis

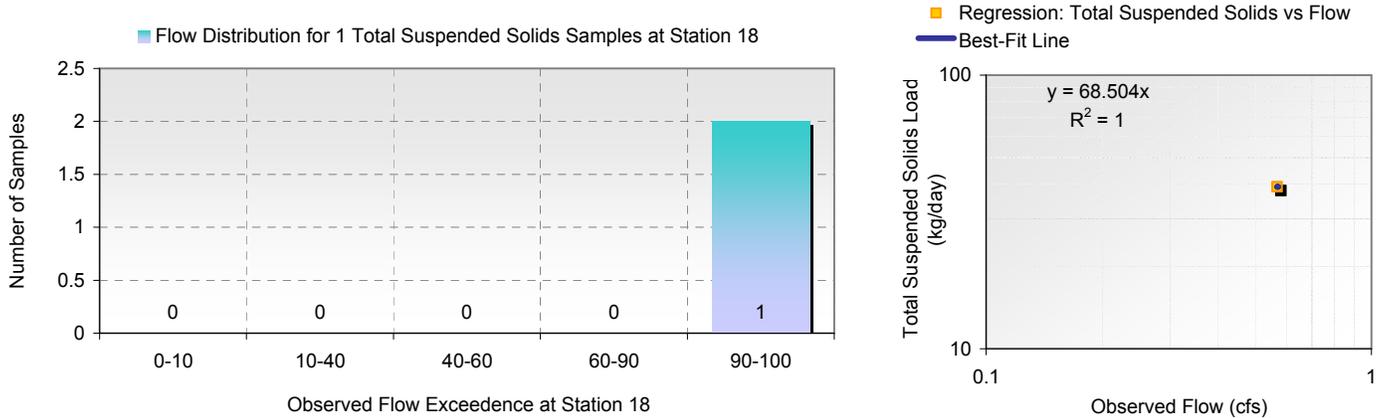


3. Estimated TMDL Loads by Flow Exceedence Range

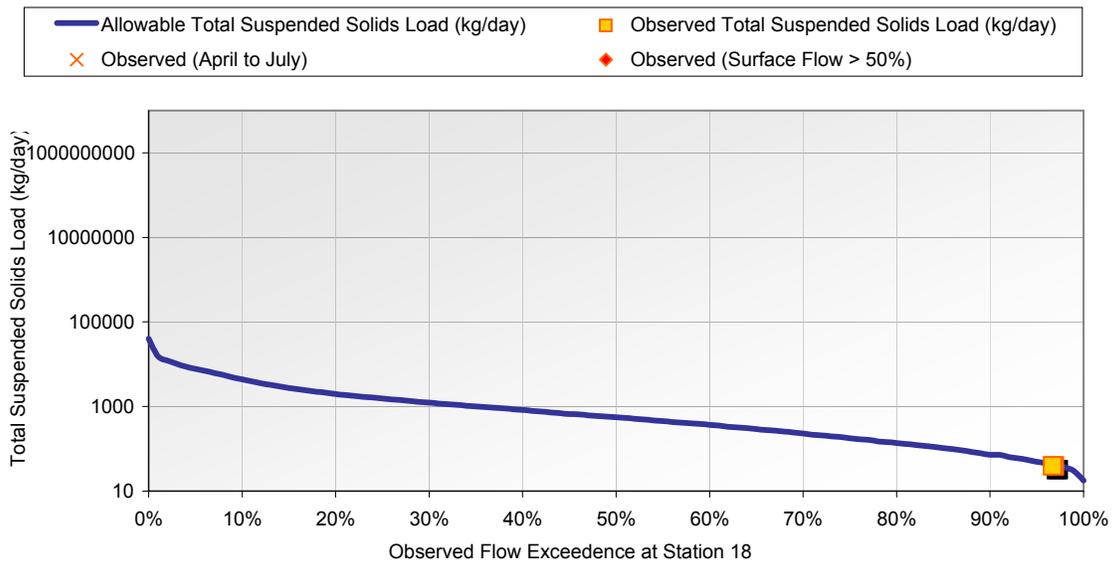
Flow Exceedence Ranges	7-Sample Distribution	Mean Observed Flow (cfs)	Allowable Load (kg/day)	Mean Load (kg/day)	Estimated Reduction (%)
0-10	1	72.93	5352.80	3925.39	0.0%
10-40	4	11.49	843.61	1152.94	26.8%
40-60	2	8.91	653.72	675.51	3.2%
60-90	0	2.74	200.95	No Data	No Data
90-100	0	0.85	62.07	No Data	No Data

[6: Total Suspended Solids at Station 18 (mg/L)] -vs- [4: Flow at Station 18 (cfs)]

1. Data Assessment and Trend Confirmation



2. Load Exceedence Analysis

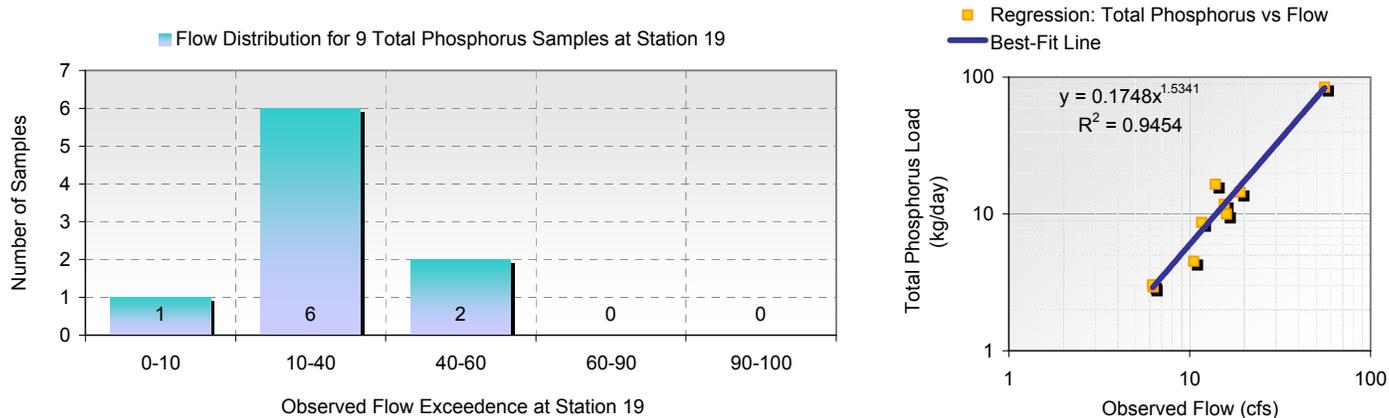


3. Estimated TMDL Loads by Flow Exceedence Range

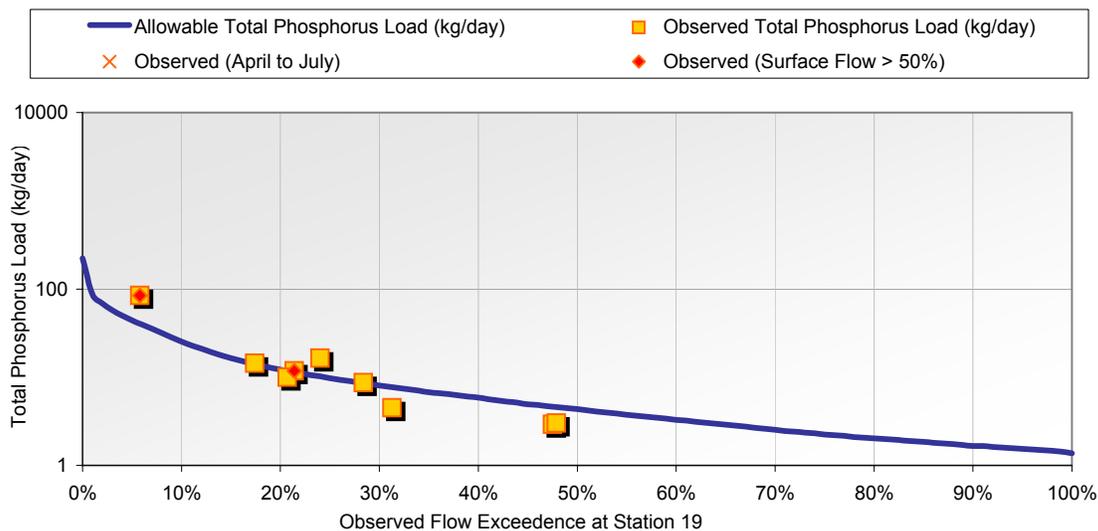
Flow Exceedence Ranges	1-Sample Distribution	Maximum Observed Flow (cfs)	Allowable Load (kg/day)	Maximum Load (kg/day)	Estimated Reduction (%)
0-10	0	546.46	40,108.68	No Data	No Data
10-40	0	59.63	4,377	No Data	No Data
40-60	0	11.39	836	No Data	No Data
60-90	0	4.98	366	No Data	No Data
90-100	2	0.57	41.82	39	0.0%

[\[7: Total Phosphorus at Station 19 \(mg/L\)\]](#) -vs- [\[26: Flow at Station 19 \(cfs\)\]](#)

1. Data Assessment and Trend Confirmation



2. Load Exceedence Analysis

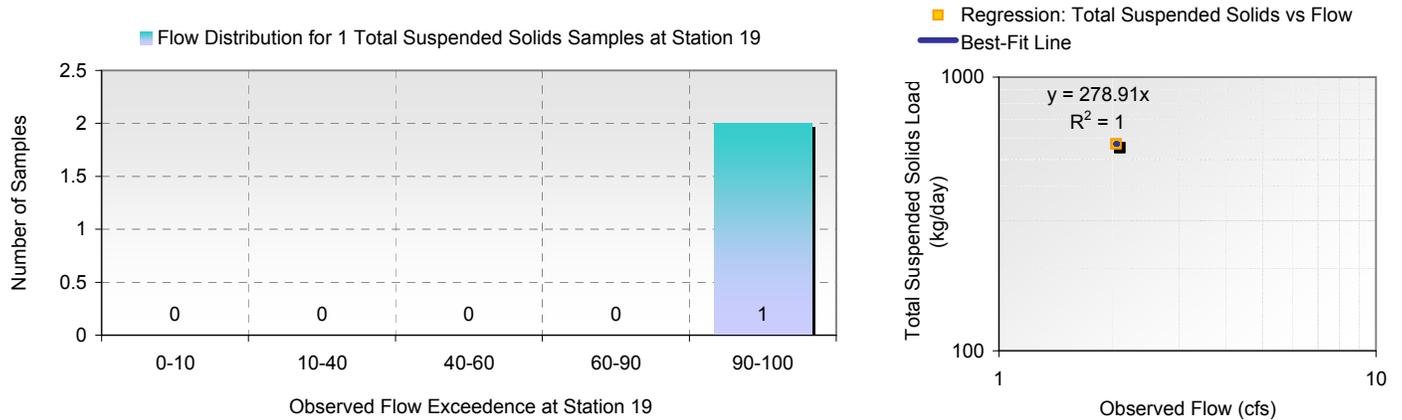


3. Estimated TMDL Loads by Flow Exceedence Range

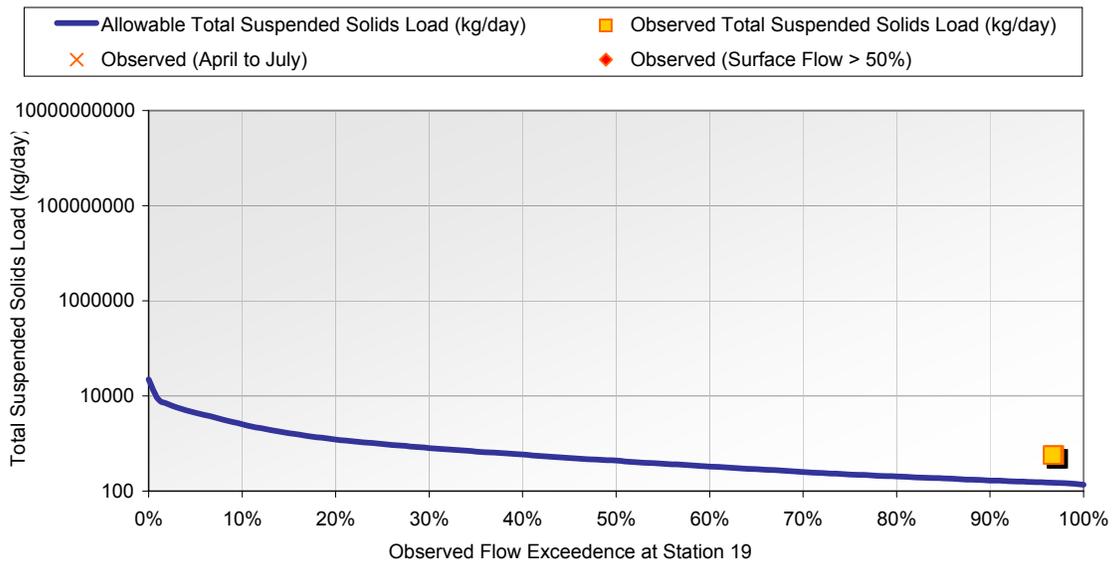
Flow Exceedence Ranges	9-Sample Distribution	Mean Observed Flow (cfs)	Allowable Load (kg/day)	Mean Load (kg/day)	Estimated Reduction (%)
0-10	1	55.78	40.94	84	51.5%
10-40	6	15.04	11	13	13.9%
40-60	2	6.27	5	3	0.0%
60-90	0	3.37	2	No Data	No Data
90-100	0	2.07	1.52	No Data	No Data

[7: Total Suspended Solids at Station 19 (mg/L)] -vs- [7: Flow at Station 19 (cfs)]

1. Data Assessment and Trend Confirmation



2. Load Exceedence Analysis

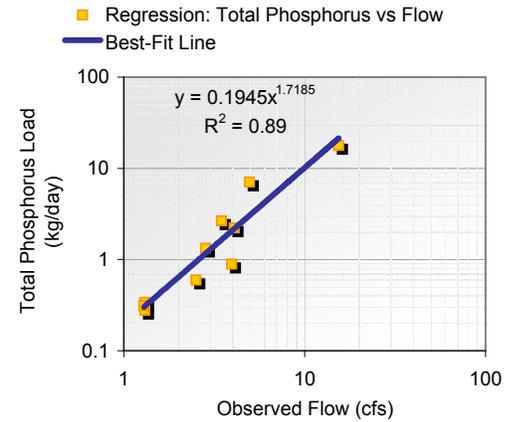
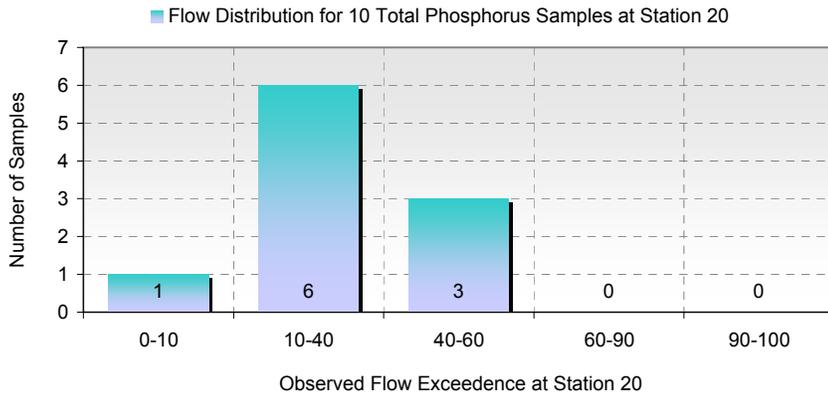


3. Estimated TMDL Loads by Flow Exceedence Range

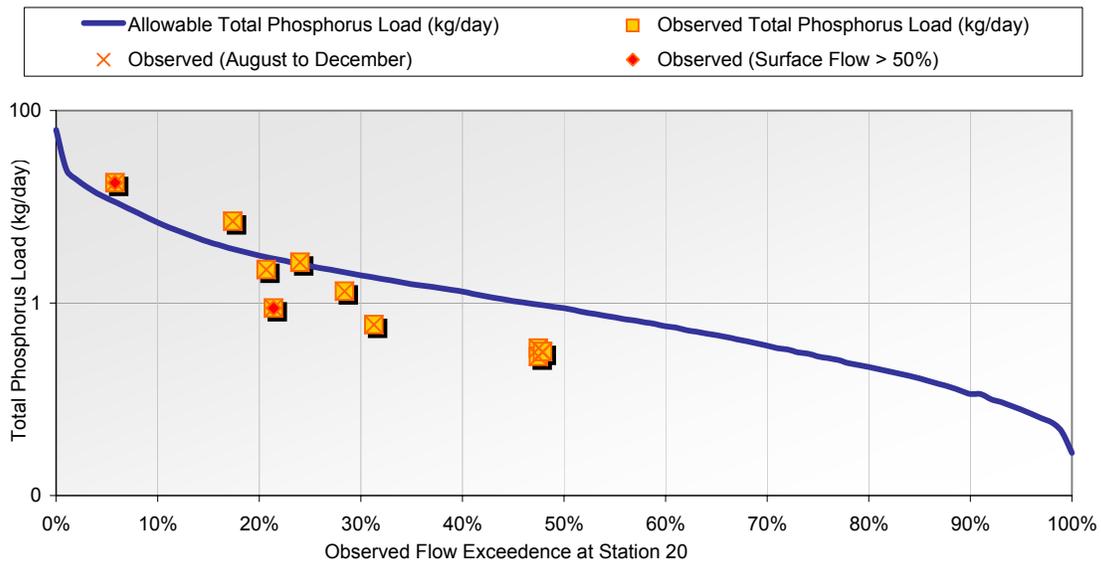
Flow Exceedence Ranges	1-Sample Distribution	Maximum Observed Flow (cfs)	Allowable Load (kg/day)	Maximum Load (kg/day)	Estimated Reduction (%)
0-10	0	302.59	22,209.31	No Data	No Data
10-40	0	34.56	2,537	No Data	No Data
40-60	0	8.00	587	No Data	No Data
60-90	0	4.48	328	No Data	No Data
90-100	2	2.05	150.13	570	73.7%

[8: Total Phosphorus at Station 20 (mg/L)] -vs- [19: Flow at Station 20 (cfs)]

1. Data Assessment and Trend Confirmation



2. Load Exceedence Analysis



3. Estimated TMDL Loads by Flow Exceedence Range

Flow Exceedence Ranges	10-Sample Distribution	Mean Observed Flow (cfs)	Allowable Load (kg/day)	Mean Load (kg/day)	Estimated Reduction (%)
0-10	1	15.44	11.33	18	36.0%
10-40	6	4.22	3	5	36.2%
40-60	3	1.30	1	0	0.0%
60-90	0	0.47	0	No Data	No Data
90-100	0	0.10	0.07	No Data	No Data