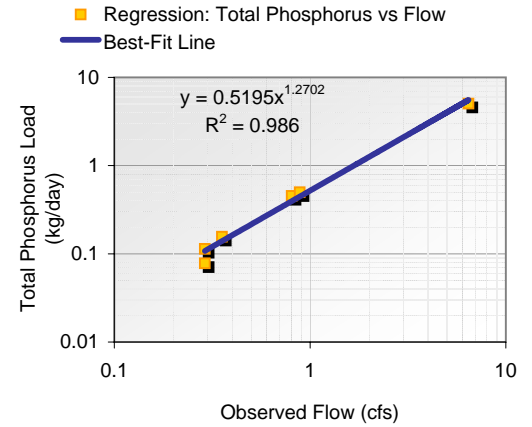
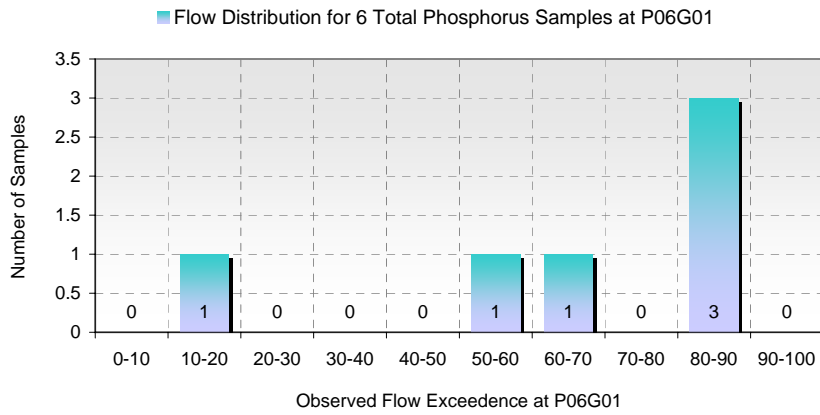


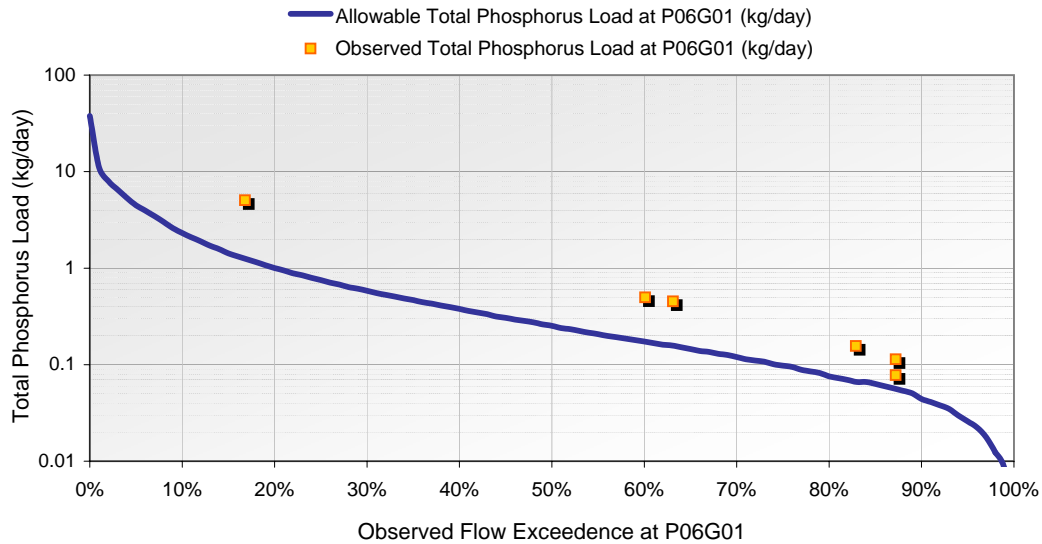
Appendix A: Load Duration Curves

[54: Total Phosphorus at P06G01 (mg/L)] -vs- [12: Flow at P06G01 (cfs)]

1. Data Assessment and Trend Confirmation



2. Load Exceedance Analysis

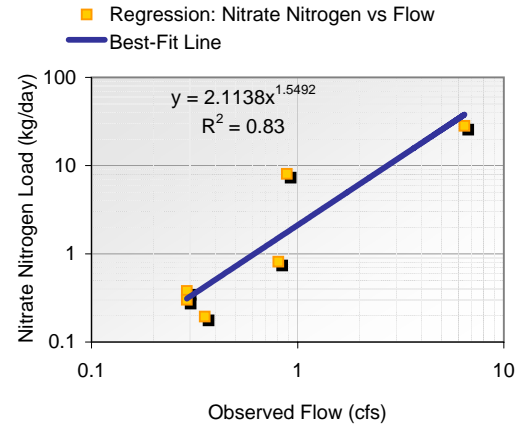
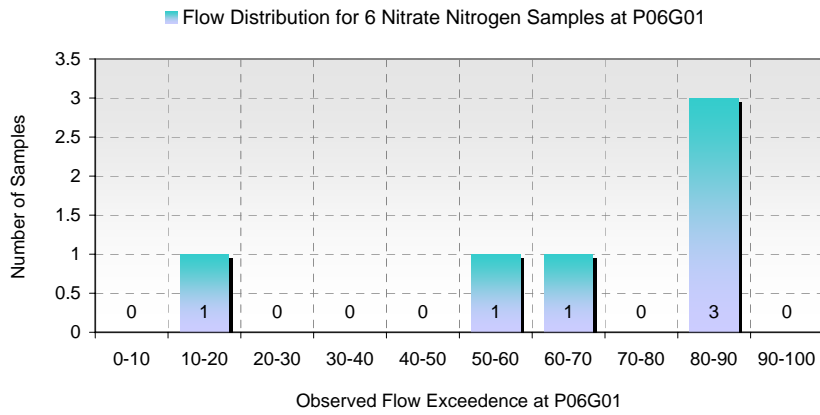


3. Estimated TMDL Loads by Flow Exceedance Range

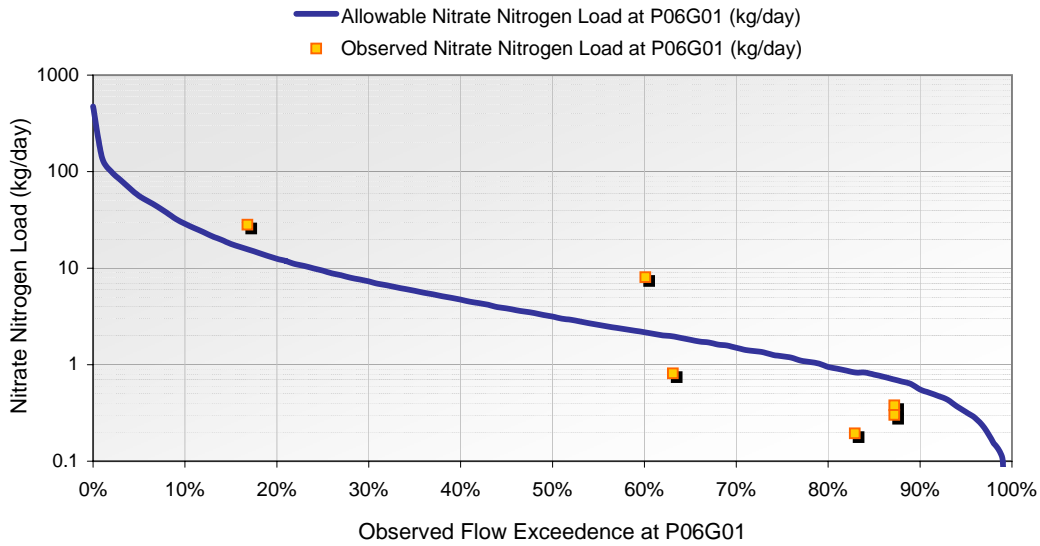
Flow Exceedance Ranges	6-Sample Distribution	Median Observed Flow (cfs)	Allowable Load (kg/day)	Observed Load (kg/day)	Estimated Reduction (%)
0-10	0	22.89	4	No Data	No Data
10-20	1	7.28	1	5	71.8%
20-30	0	3.85	1	No Data	No Data
30-40	0	2.39	0	No Data	No Data
40-50	0	1.56	0	No Data	No Data
50-60	1	1.06	0	0	58.5%
60-70	1	0.74	0	0	68.0%
70-80	0	0.50	0	No Data	No Data
80-90	3	0.32	0	0	44.4%
90-100	0	0.13	0	No Data	No Data

[56: Nitrate Nitrogen at P06G01 (mg/L)] -vs- [12: Flow at P06G01 (cfs)]

1. Data Assessment and Trend Confirmation



2. Load Exceedance Analysis

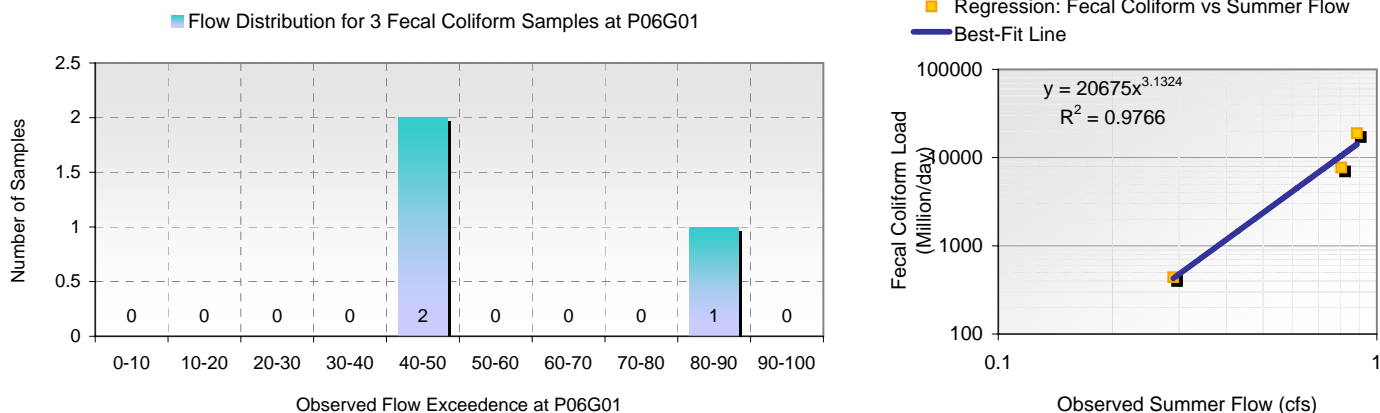


3. Estimated TMDL Loads by Flow Exceedance Range

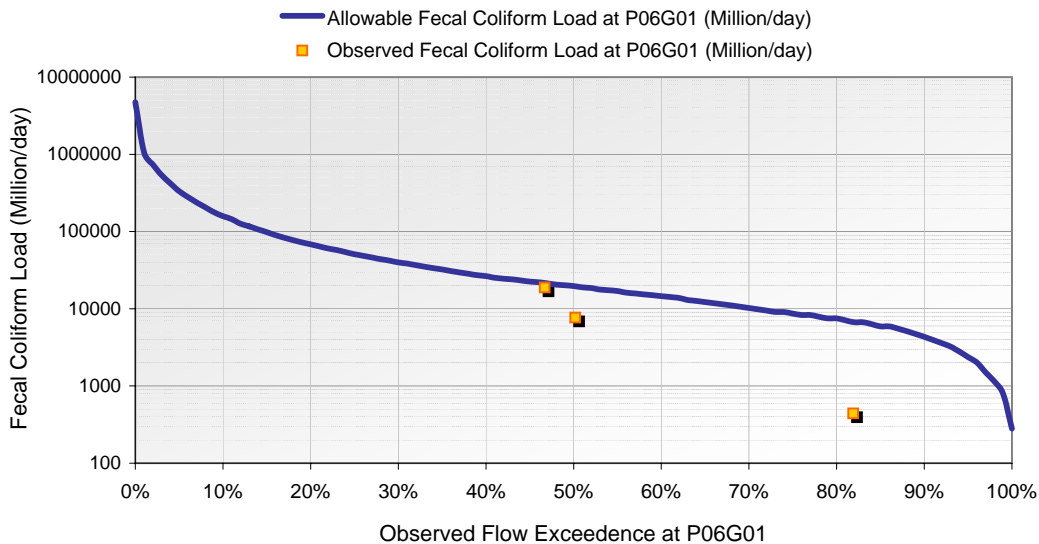
Flow Exceedance Ranges	6-Sample Distribution	Median Observed Flow (cfs)	Allowable Load (kg/day)	Observed Load (kg/day)	Estimated Reduction (%)
0-10	0	22.89	56	No Data	No Data
10-20	1	7.28	18	28	36.9%
20-30	0	3.85	9	No Data	No Data
30-40	0	2.39	6	No Data	No Data
40-50	0	1.56	4	No Data	No Data
50-60	1	1.06	3	8	67.9%
60-70	1	0.74	2	1	0.0%
70-80	0	0.50	1	No Data	No Data
80-90	3	0.32	1	0	0.0%
90-100	0	0.13	0	No Data	No Data

[55: Fecal Coliform at P06G01 (MPN/100mL)] -vs- [24: Summer Flow at P06G01 (cfs)]

1. Data Assessment and Trend Confirmation



2. Load Exceedance Analysis

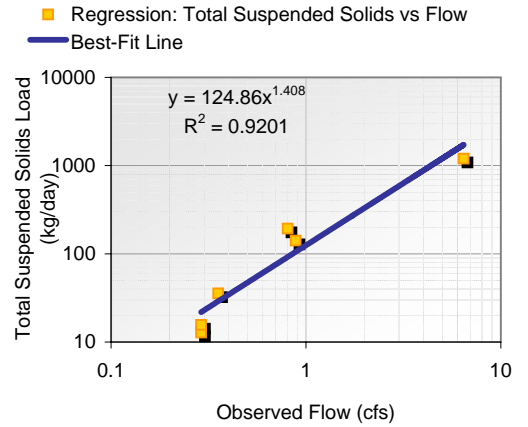
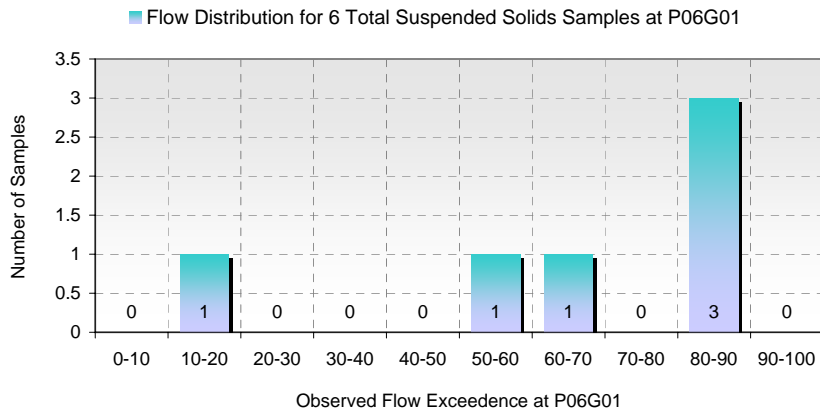


3. Estimated TMDL Loads by Flow Exceedance Range

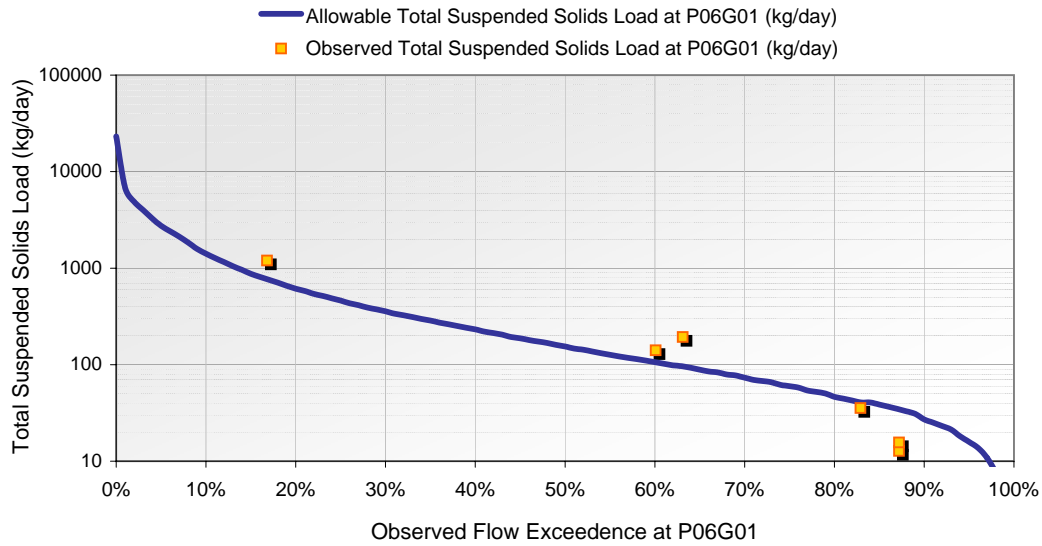
Flow Exceedance Ranges	3-Sample Distribution	Median Observed Summer Flow (cfs)	Allowable Load (Million/day)	Observed Load (Million/day)	Estimated Reduction (%)
0-10	0	13.61	332,870	No Data	No Data
10-20	0	4.02	98,418	No Data	No Data
20-30	0	2.08	50,865	No Data	No Data
30-40	0	1.32	32,333	No Data	No Data
40-50	2	0.92	22,475	13,278	0.0%
50-60	0	0.69	16,955	No Data	No Data
60-70	0	0.50	12,223	No Data	No Data
70-80	0	0.35	8,675	No Data	No Data
80-90	1	0.24	5,915	440	0.0%
90-100	0	0.10	2,366	No Data	No Data

[57: Total Suspended Solids at P06G01 (mg/L)] -vs- [12: Flow at P06G01 (cfs)]

1. Data Assessment and Trend Confirmation



2. Load Exceedance Analysis

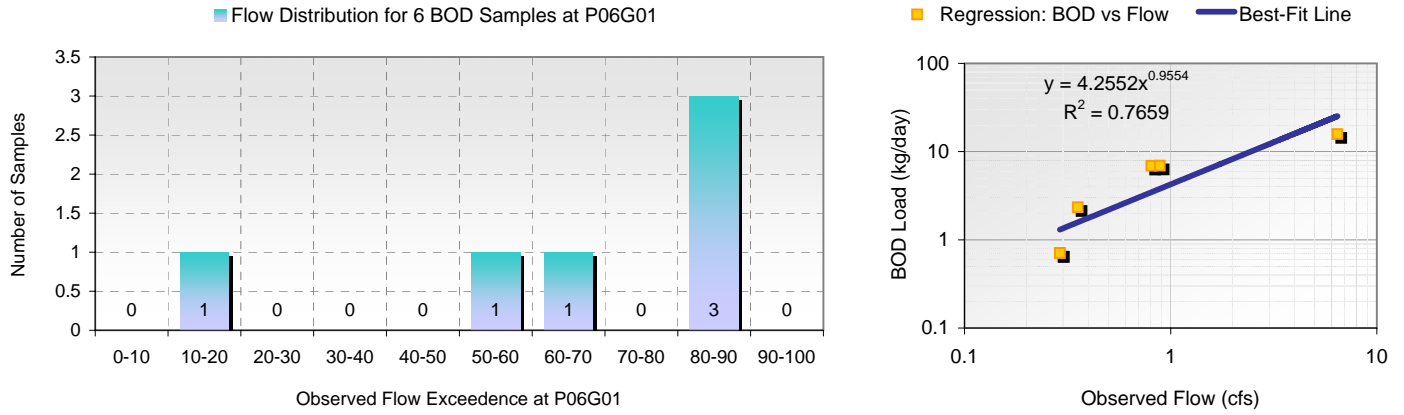


3. Estimated TMDL Loads by Flow Exceedance Range

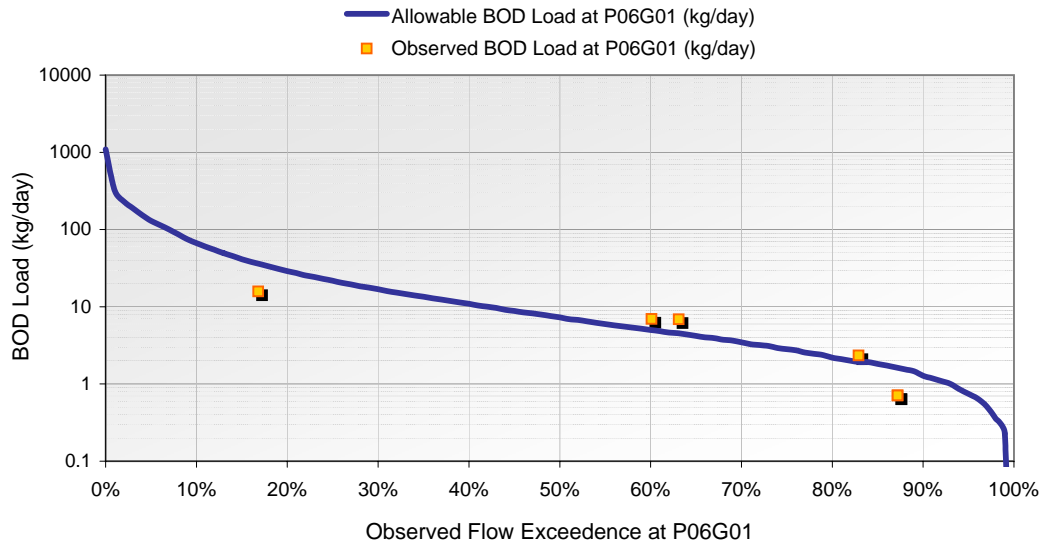
Flow Exceedance Ranges	6-Sample Distribution	Median Observed Flow (cfs)	Allowable Load (kg/day)	Observed Load (kg/day)	Estimated Reduction (%)
0-10	0	22.89	2,744	No Data	No Data
10-20	1	7.28	873	1,199	27.1%
20-30	0	3.85	462	No Data	No Data
30-40	0	2.39	286	No Data	No Data
40-50	0	1.56	187	No Data	No Data
50-60	1	1.06	127	141	10.1%
60-70	1	0.74	89	193	54.0%
70-80	0	0.50	60	No Data	No Data
80-90	3	0.32	39	16	0.0%
90-100	0	0.13	16	No Data	No Data

[58: BOD at P06G01 (mg/L)] -vs- [12: Flow at P06G01 (cfs)]

1. Data Assessment and Trend Confirmation



2. Load Exceedance Analysis

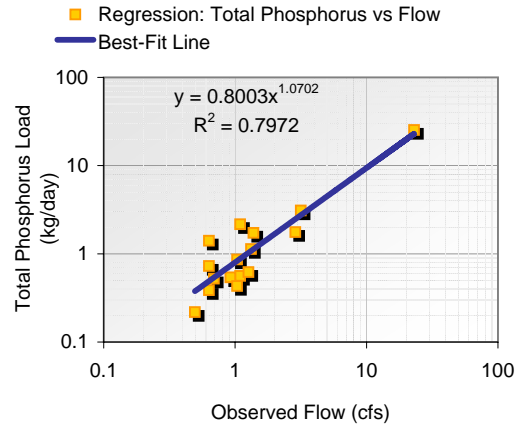
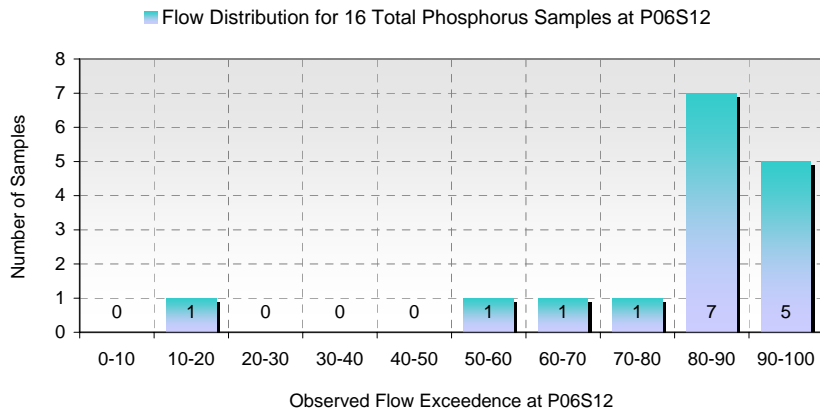


3. Estimated TMDL Loads by Flow Exceedance Range

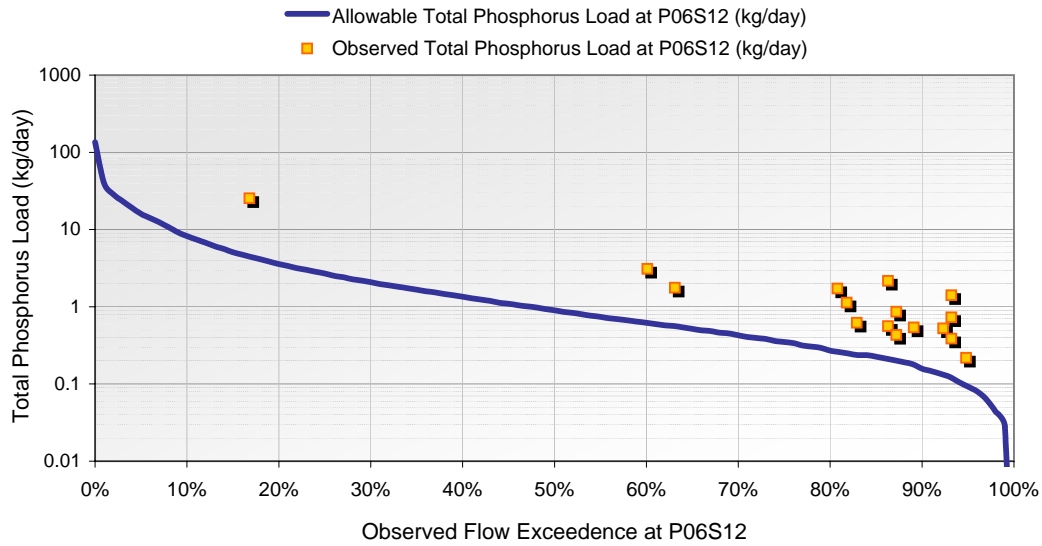
Flow Exceedance Ranges	6-Sample Distribution	Median Observed Flow (cfs)	Allowable Load (kg/day)	Observed Load (kg/day)	Estimated Reduction (%)
0-10	0	22.89	129	No Data	No Data
10-20	1	7.28	41	16	0.0%
20-30	0	3.85	22	No Data	No Data
30-40	0	2.39	13	No Data	No Data
40-50	0	1.56	9	No Data	No Data
50-60	1	1.06	6	7	13.9%
60-70	1	0.74	4	7	39.3%
70-80	0	0.50	3	No Data	No Data
80-90	3	0.32	2	1	0.0%
90-100	0	0.13	1	No Data	No Data

[49: Total Phosphorus at P06S12 (mg/L)] -vs- [11: Flow at P06S12 (cfs)]

1. Data Assessment and Trend Confirmation



2. Load Exceedence Analysis

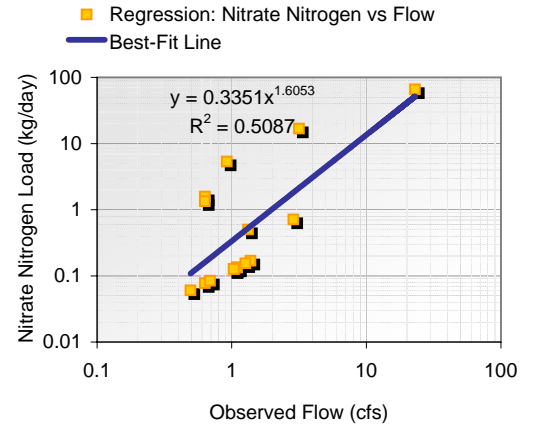
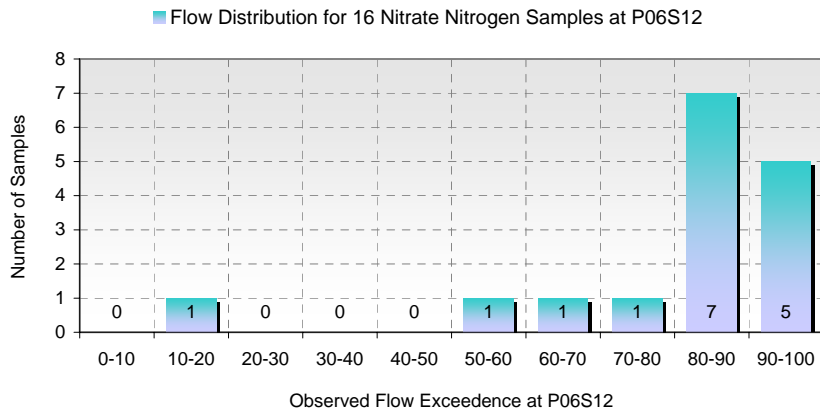


3. Estimated TMDL Loads by Flow Exceedence Range

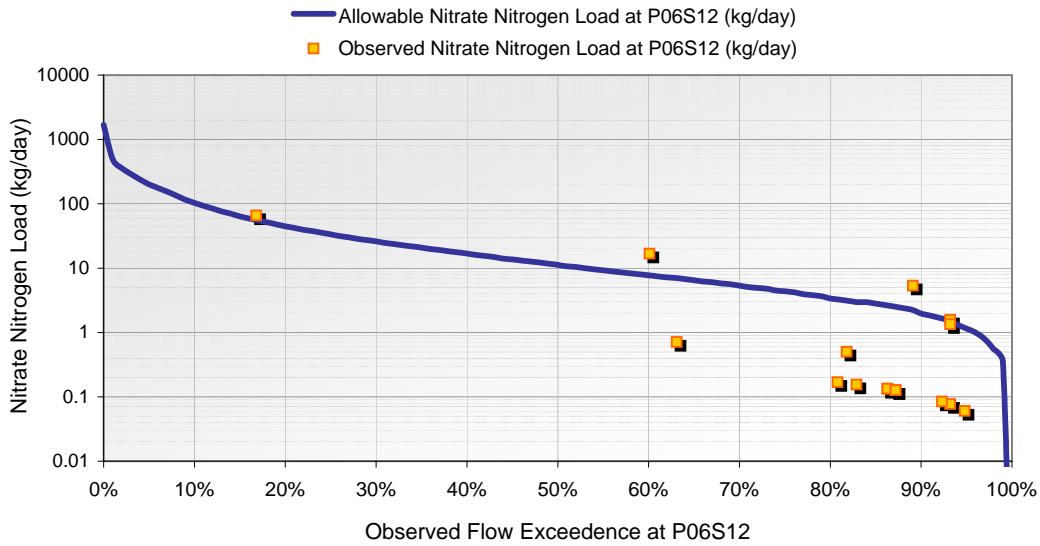
Flow Exceedence Ranges	16-Sample Distribution	Median Observed Flow (cfs)	Allowable Load (kg/day)	Observed Load (kg/day)	Estimated Reduction (%)
0-10	0	81.71	16	No Data	No Data
10-20	1	26.01	5	25	79.9%
20-30	0	13.75	3	No Data	No Data
30-40	0	8.52	2	No Data	No Data
40-50	0	5.58	1	No Data	No Data
50-60	1	3.77	1	3	76.1%
60-70	1	2.65	1	2	70.6%
70-80	1	1.78	0	2	79.7%
80-90	7	1.15	0	1	63.6%
90-100	5	0.47	0	1	82.4%

[51: Nitrate Nitrogen at P06S12 (mg/L)] -vs- [11: Flow at P06S12 (cfs)]

1. Data Assessment and Trend Confirmation



2. Load Exceedence Analysis

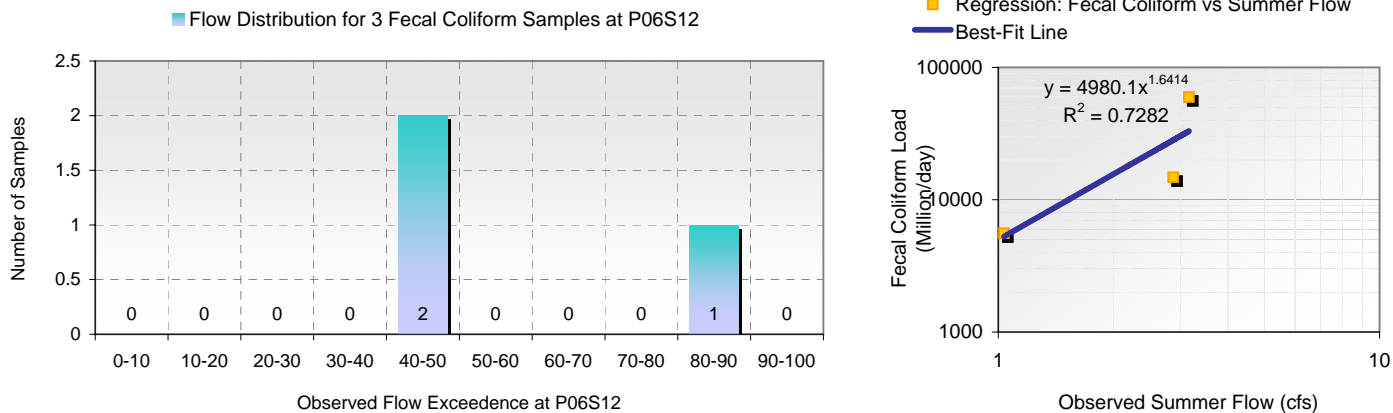


3. Estimated TMDL Loads by Flow Exceedence Range

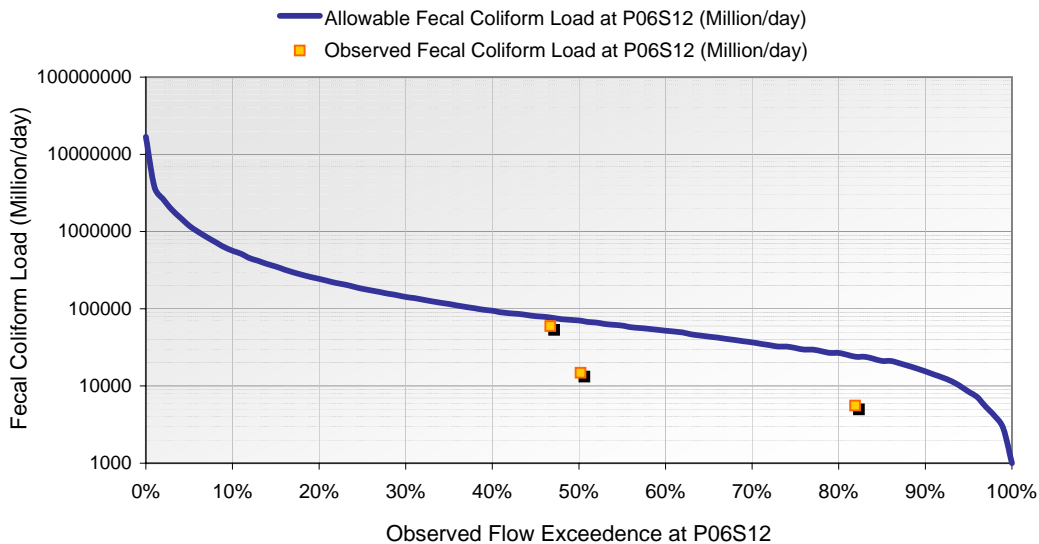
Flow Exceedence Ranges	16-Sample Distribution	Median Observed Flow (cfs)	Allowable Load (kg/day)	Observed Load (kg/day)	Estimated Reduction (%)
0-10	0	81.71	200	No Data	No Data
10-20	1	26.01	64	66	3.4%
20-30	0	13.75	34	No Data	No Data
30-40	0	8.52	21	No Data	No Data
40-50	0	5.58	14	No Data	No Data
50-60	1	3.77	9	17	45.0%
60-70	1	2.65	6	1	0.0%
70-80	1	1.78	4	0	0.0%
80-90	7	1.15	3	0	0.0%
90-100	5	0.47	1	0	0.0%

[50: Fecal Coliform at P06S12 (MPN/100mL)] -vs- [23: Summer Flow at P06S12 (cfs)]

1. Data Assessment and Trend Confirmation



2. Load Exceedance Analysis

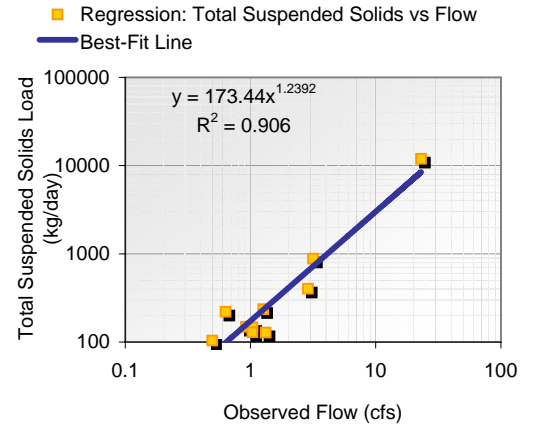
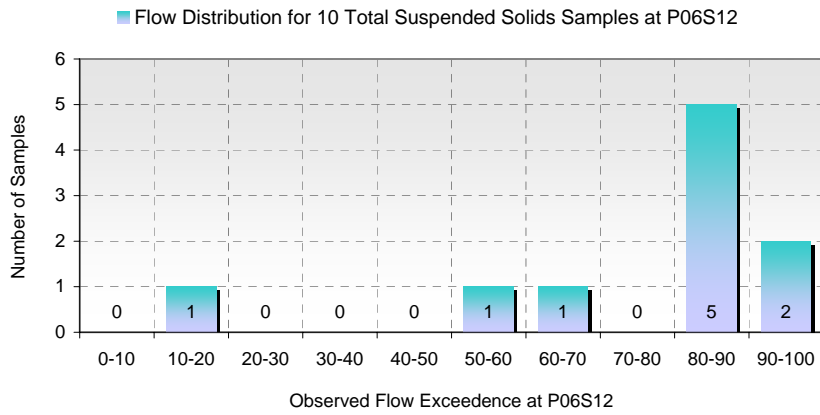


3. Estimated TMDL Loads by Flow Exceedance Range

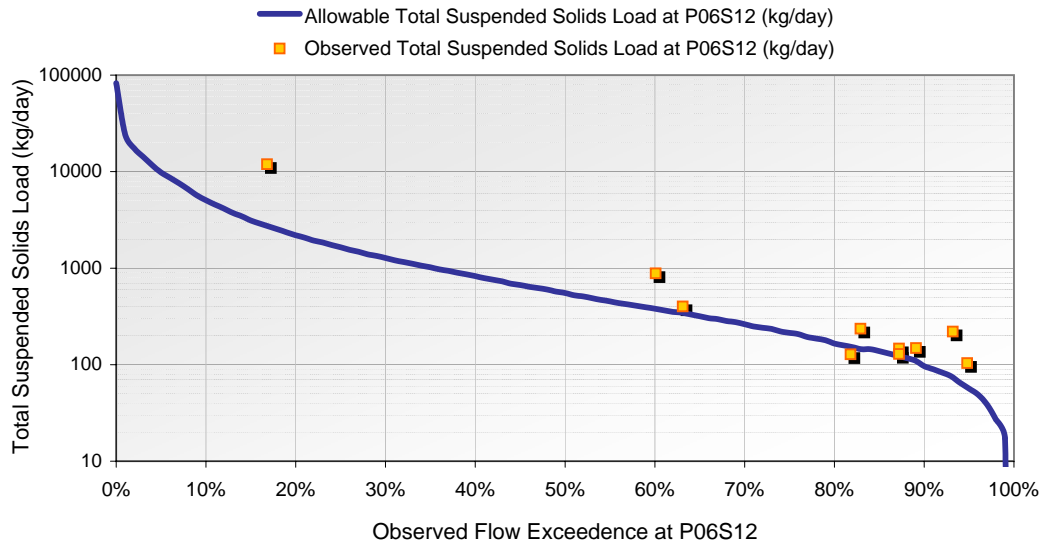
Flow Exceedance Ranges	3-Sample Distribution	Median Observed Summer Flow (cfs)	Allowable Load (Million/day)	Observed Load (Million/day)	Estimated Reduction (%)
0-10	0	48.58	1,188,458	No Data	No Data
10-20	0	14.36	351,385	No Data	No Data
20-30	0	7.42	181,605	No Data	No Data
30-40	0	4.72	115,439	No Data	No Data
40-50	2	3.28	80,244	37,201	0.0%
50-60	0	2.47	60,535	No Data	No Data
60-70	0	1.78	43,642	No Data	No Data
70-80	0	1.27	30,971	No Data	No Data
80-90	1	0.86	21,117	5,575	0.0%
90-100	0	0.35	8,447	No Data	No Data

[52: Total Suspended Solids at P06S12 (mg/L)] -vs- [11: Flow at P06S12 (cfs)]

1. Data Assessment and Trend Confirmation



2. Load Exceedance Analysis

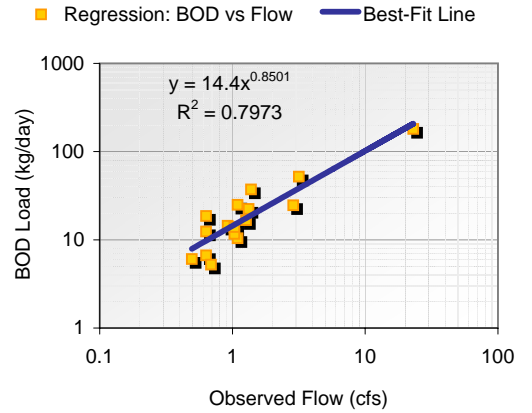
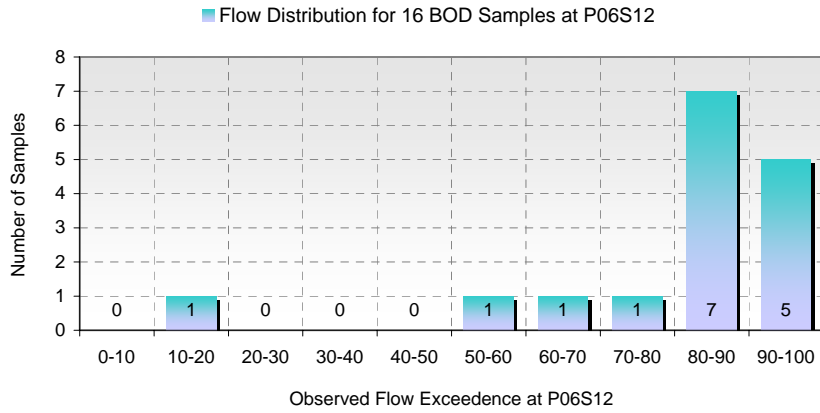


3. Estimated TMDL Loads by Flow Exceedance Range

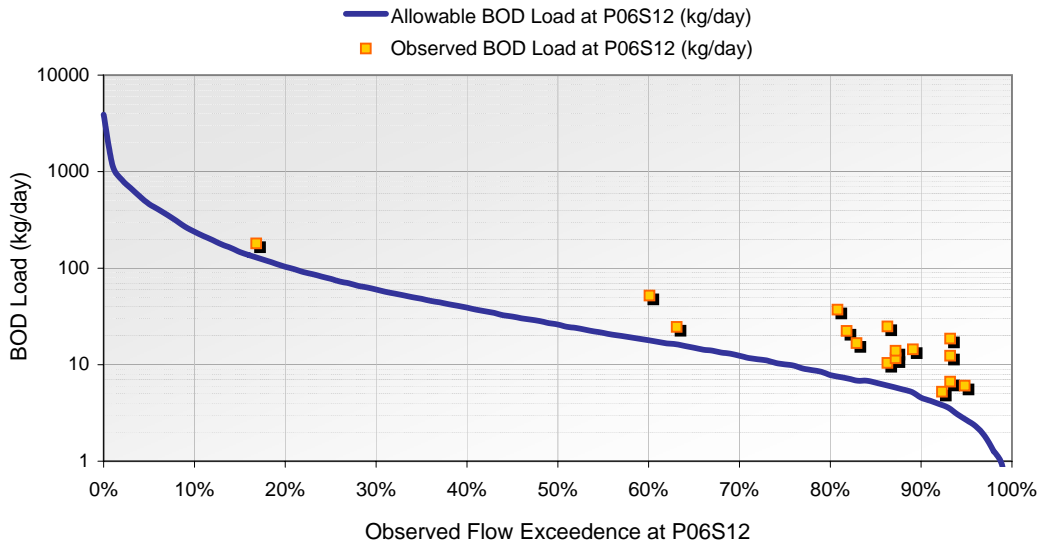
Flow Exceedance Ranges	10-Sample Distribution	Median Observed Flow (cfs)	Allowable Load (kg/day)	Observed Load (kg/day)	Estimated Reduction (%)
0-10	0	81.71	9,795	No Data	No Data
10-20	1	26.01	3,118	11,938	73.9%
20-30	0	13.75	1,649	No Data	No Data
30-40	0	8.52	1,021	No Data	No Data
40-50	0	5.58	669	No Data	No Data
50-60	1	3.77	453	883	48.7%
60-70	1	2.65	317	401	20.9%
70-80	0	1.78	214	No Data	No Data
80-90	5	1.15	138	147	6.1%
90-100	2	0.47	57	162	65.1%

[53: BOD at P06S12 (mg/L)] -vs- [11: Flow at P06S12 (cfs)]

1. Data Assessment and Trend Confirmation



2. Load Exceedence Analysis

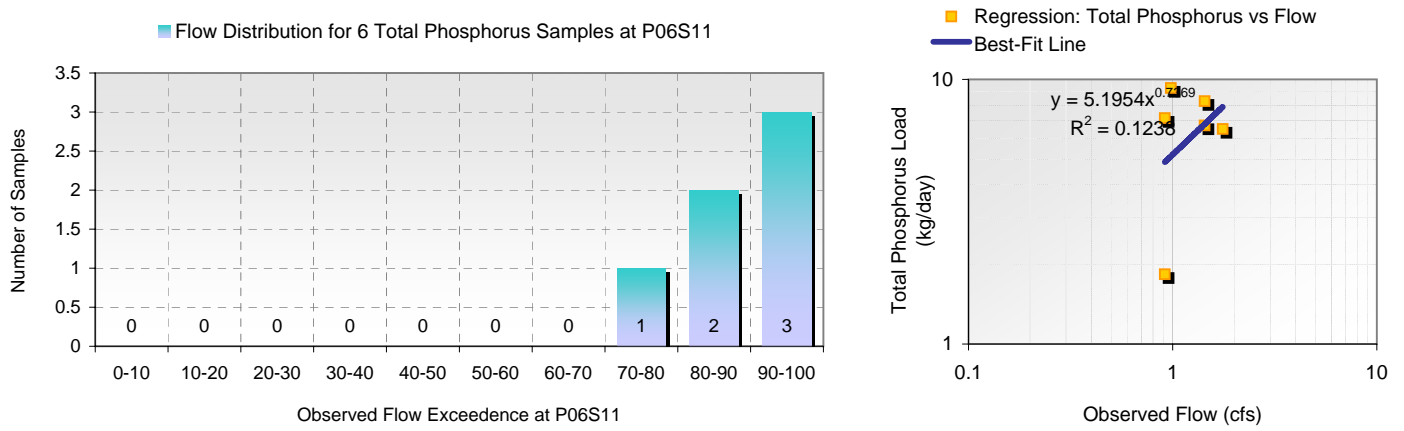


3. Estimated TMDL Loads by Flow Exceedence Range

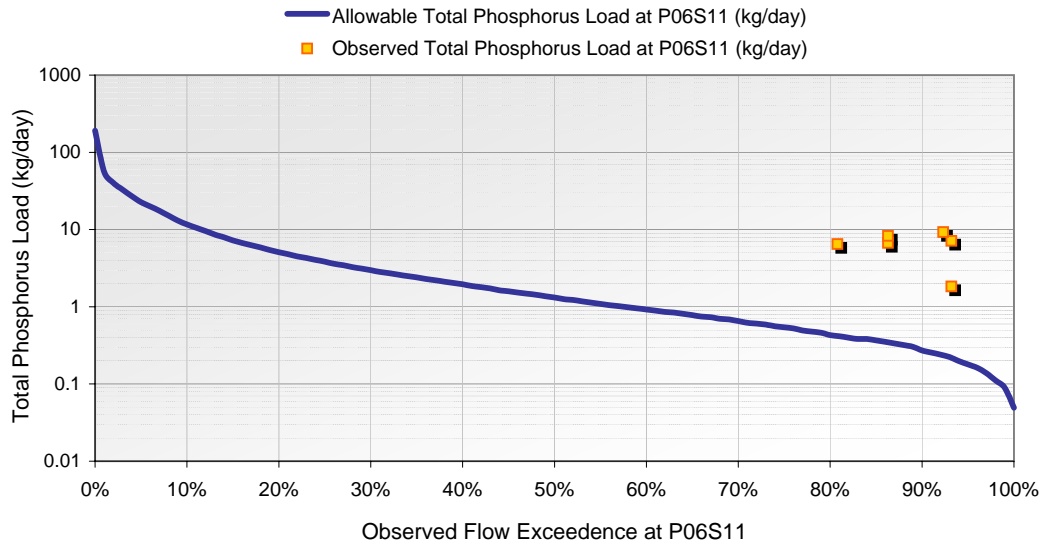
Flow Exceedence Ranges	16-Sample Distribution	Median Observed Flow (cfs)	Allowable Load (kg/day)	Observed Load (kg/day)	Estimated Reduction (%)
0-10	0	81.71	462	No Data	No Data
10-20	1	26.01	147	180	18.4%
20-30	0	13.75	78	No Data	No Data
30-40	0	8.52	48	No Data	No Data
40-50	0	5.58	32	No Data	No Data
50-60	1	3.77	21	52	58.9%
60-70	1	2.65	15	25	39.3%
70-80	1	1.78	10	37	72.9%
80-90	7	1.15	7	14	54.9%
90-100	5	0.47	3	7	60.0%

[46: Total Phosphorus at P06S11 (mg/L)] -vs- [10: Flow at P06S11 (cfs)]

1. Data Assessment and Trend Confirmation



2. Load Exceedance Analysis

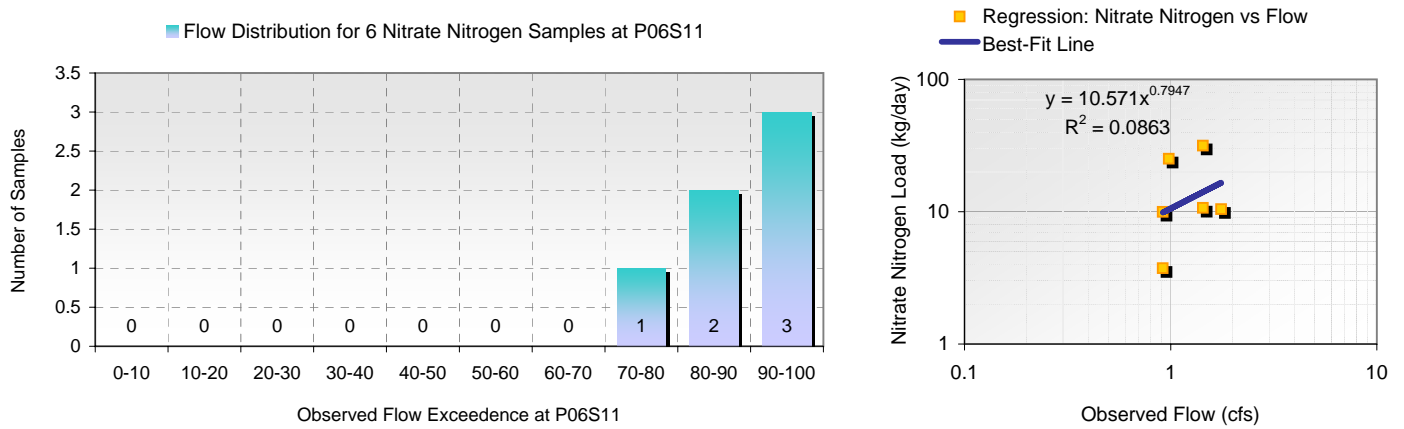


3. Estimated TMDL Loads by Flow Exceedance Range

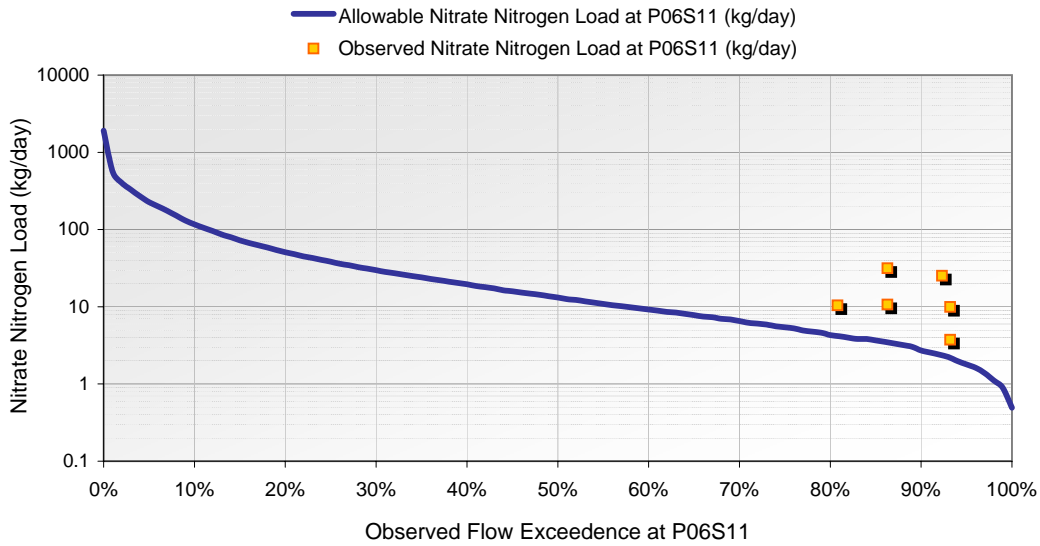
Flow Exceedance Ranges	6-Sample Distribution	Median Observed Flow (cfs)	Allowable Load (kg/day)	Observed Load (kg/day)	Estimated Reduction (%)
0-10	0	92.33	23	No Data	No Data
10-20	0	29.53	7	No Data	No Data
20-30	0	15.71	4	No Data	No Data
30-40	0	9.80	2	No Data	No Data
40-50	0	6.49	2	No Data	No Data
50-60	0	4.46	1	No Data	No Data
60-70	0	3.19	1	No Data	No Data
70-80	1	2.21	1	6	91.7%
80-90	2	1.50	0	7	95.1%
90-100	3	0.73	0	7	97.5%

[47: Nitrate Nitrogen at P06S11 (mg/L)] -vs- [10: Flow at P06S11 (cfs)]

1. Data Assessment and Trend Confirmation



2. Load Exceedance Analysis

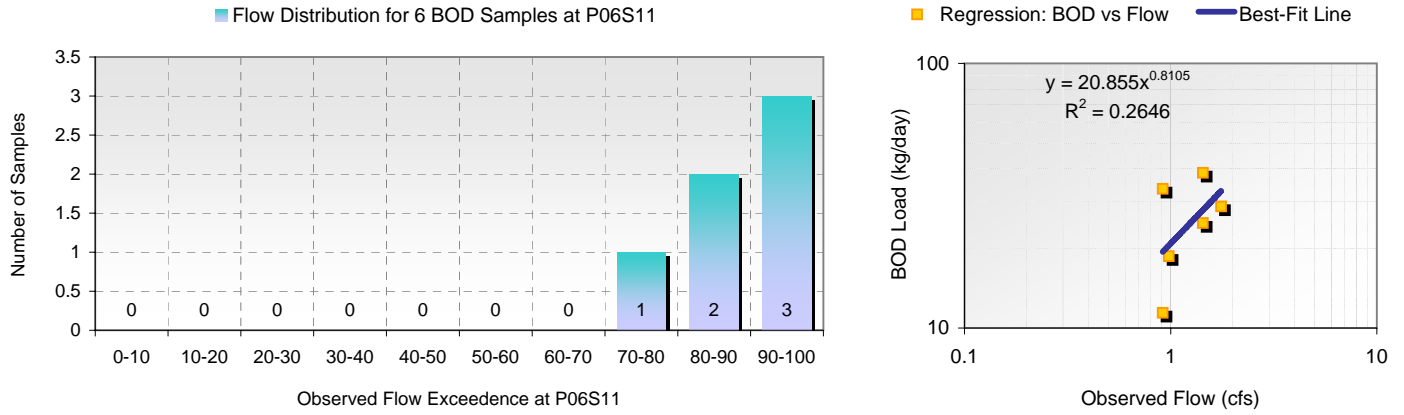


3. Estimated TMDL Loads by Flow Exceedance Range

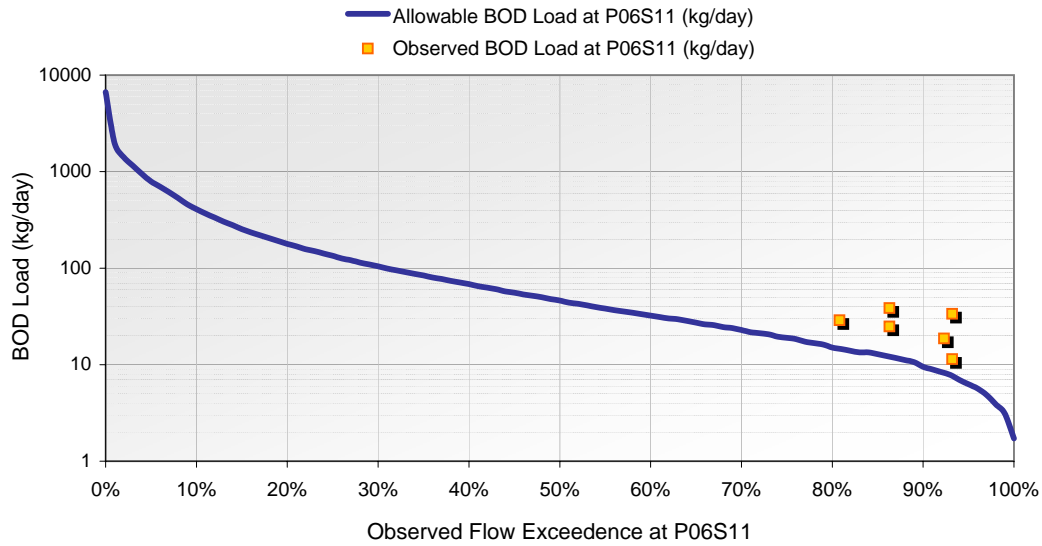
Flow Exceedance Ranges	6-Sample Distribution	Median Observed Flow (cfs)	Allowable Load (kg/day)	Observed Load (kg/day)	Estimated Reduction (%)
0-10	0	92.33	226	No Data	No Data
10-20	0	29.53	72	No Data	No Data
20-30	0	15.71	38	No Data	No Data
30-40	0	9.80	24	No Data	No Data
40-50	0	6.49	16	No Data	No Data
50-60	0	4.46	11	No Data	No Data
60-70	0	3.19	8	No Data	No Data
70-80	1	2.21	5	10	48.2%
80-90	2	1.50	4	21	82.7%
90-100	3	0.73	2	10	82.0%

[48: BOD at P06S11 (mg/L)] -vs- [10: Flow at P06S11 (cfs)]

1. Data Assessment and Trend Confirmation



2. Load Exceedance Analysis

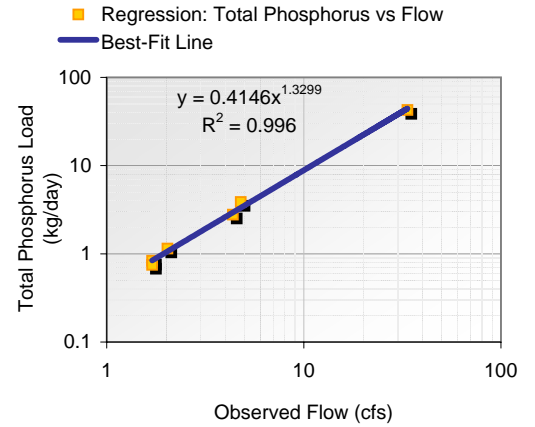
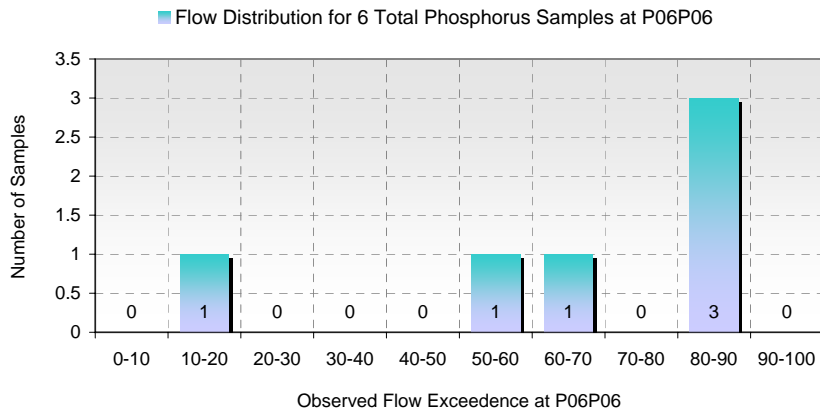


3. Estimated TMDL Loads by Flow Exceedance Range

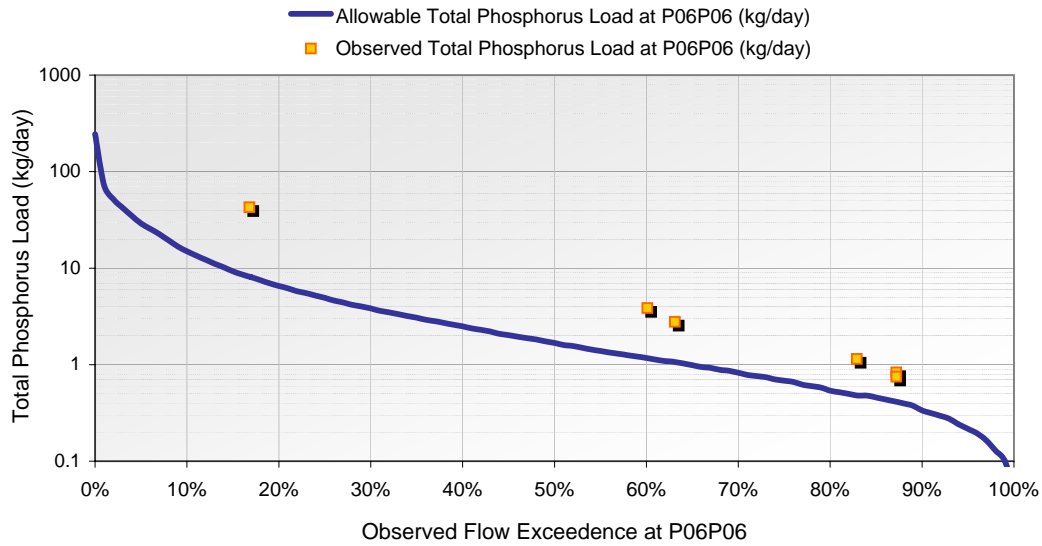
Flow Exceedance Ranges	6-Sample Distribution	Median Observed Flow (cfs)	Allowable Load (kg/day)	Observed Load (kg/day)	Estimated Reduction (%)
0-10	0	92.33	791	No Data	No Data
10-20	0	29.53	253	No Data	No Data
20-30	0	15.71	135	No Data	No Data
30-40	0	9.80	84	No Data	No Data
40-50	0	6.49	56	No Data	No Data
50-60	0	4.46	38	No Data	No Data
60-70	0	3.19	27	No Data	No Data
70-80	1	2.21	19	29	34.3%
80-90	2	1.50	13	32	59.6%
90-100	3	0.73	6	19	66.4%

[41: Total Phosphorus at P06P06 (mg/L)] -vs- [9: Flow at P06P06 (cfs)]

1. Data Assessment and Trend Confirmation



2. Load Exceedance Analysis

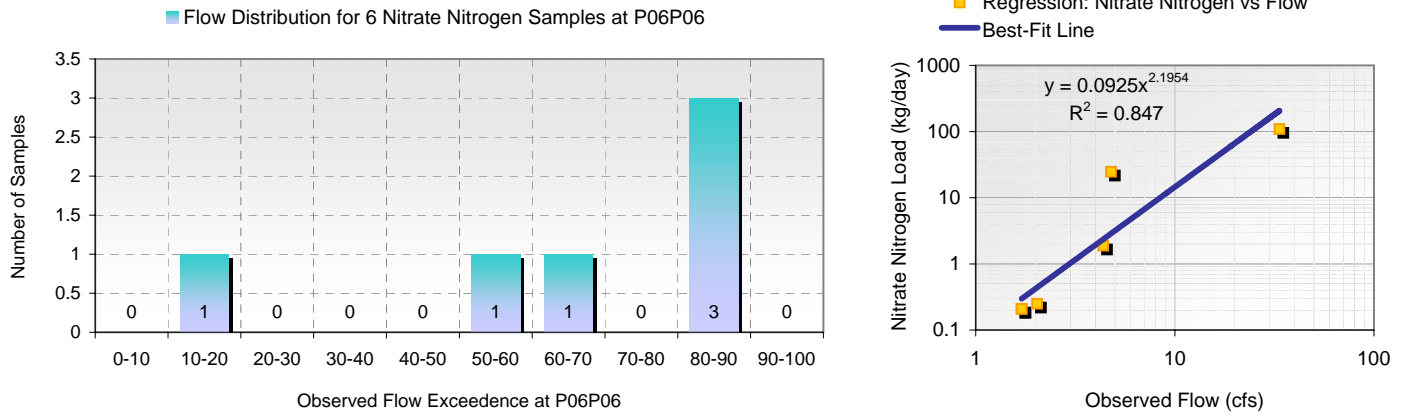


3. Estimated TMDL Loads by Flow Exceedance Range

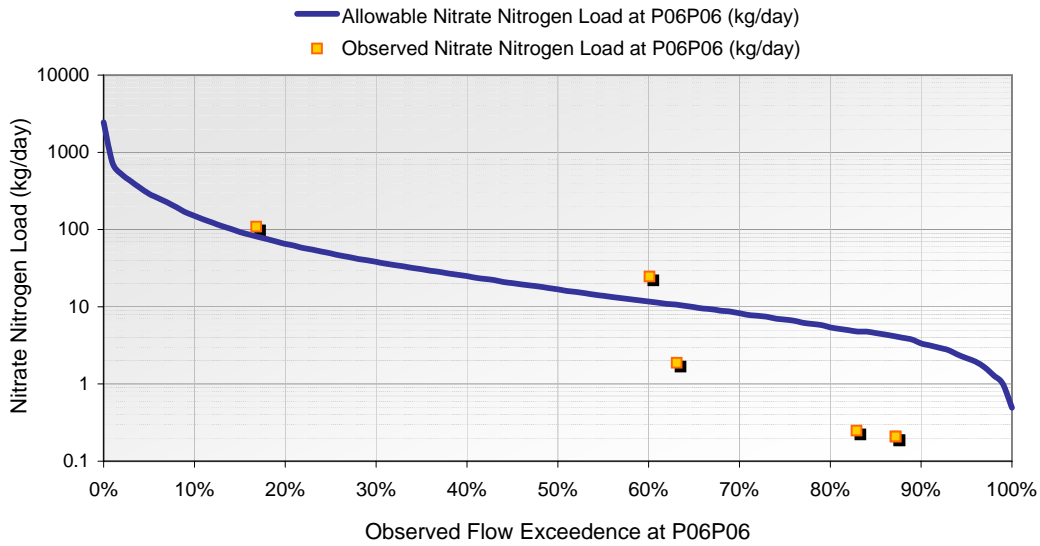
Flow Exceedance Ranges	6-Sample Distribution	Median Observed Flow (cfs)	Allowable Load (kg/day)	Observed Load (kg/day)	Estimated Reduction (%)
0-10	0	118.59	29	No Data	No Data
10-20	1	37.88	9	43	78.3%
20-30	0	20.13	5	No Data	No Data
30-40	0	12.54	3	No Data	No Data
40-50	0	8.29	2	No Data	No Data
50-60	1	5.67	1	4	64.1%
60-70	1	4.04	1	3	64.5%
70-80	0	2.79	1	No Data	No Data
80-90	3	1.87	0	1	45.1%
90-100	0	0.88	0	No Data	No Data

[43: Nitrate Nitrogen at P06P06 (mg/L)] -vs- [9: Flow at P06P06 (cfs)]

1. Data Assessment and Trend Confirmation



2. Load Exceedance Analysis

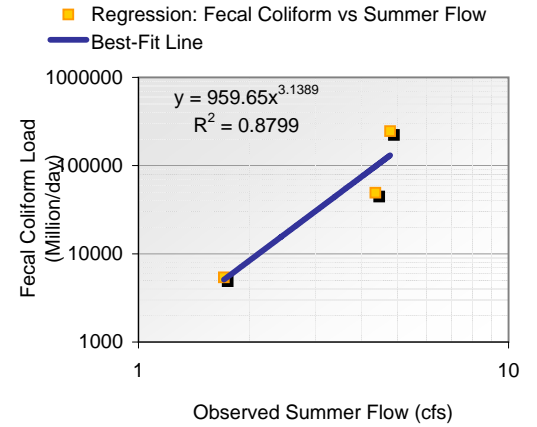
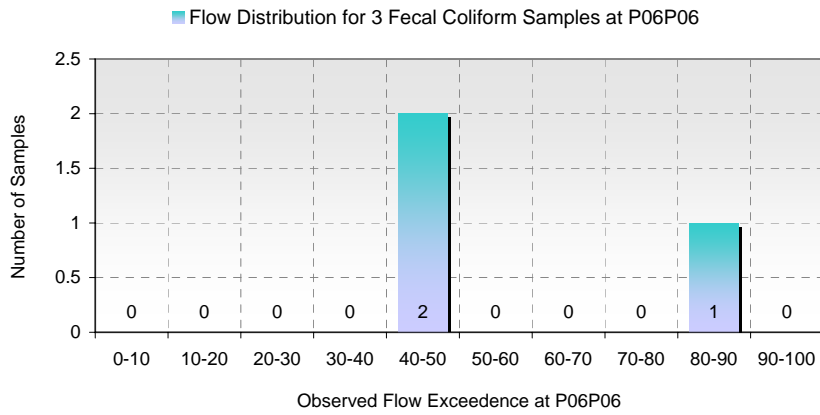


3. Estimated TMDL Loads by Flow Exceedance Range

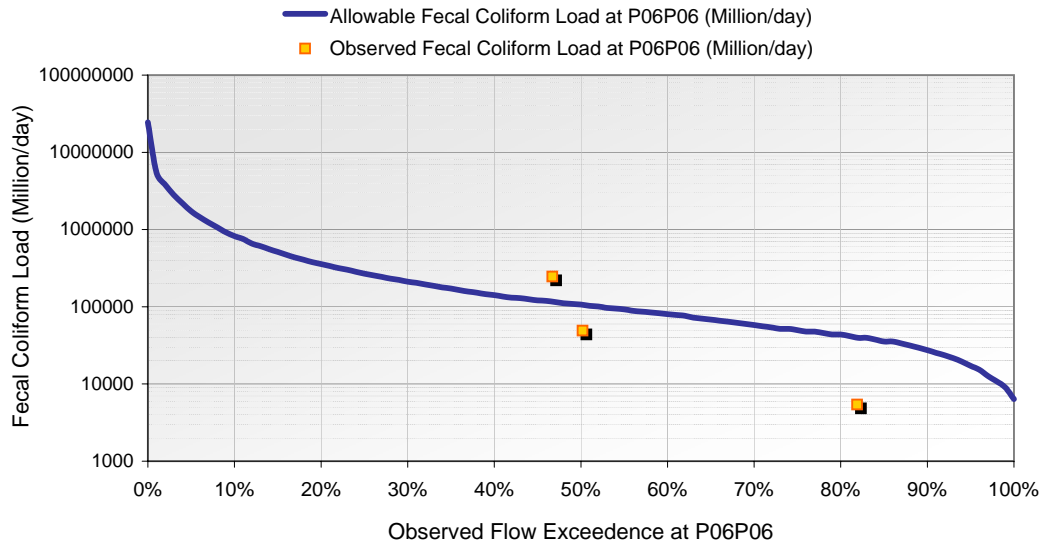
Flow Exceedance Ranges	6-Sample Distribution	Median Observed Flow (cfs)	Allowable Load (kg/day)	Observed Load (kg/day)	Estimated Reduction (%)
0-10	0	118.59	290	No Data	No Data
10-20	1	37.88	93	109	15.1%
20-30	0	20.13	49	No Data	No Data
30-40	0	12.54	31	No Data	No Data
40-50	0	8.29	20	No Data	No Data
50-60	1	5.67	14	25	43.6%
60-70	1	4.04	10	2	0.0%
70-80	0	2.79	7	No Data	No Data
80-90	3	1.87	5	0	0.0%
90-100	0	0.88	2	No Data	No Data

[42: Fecal Coliform at P06P06 (MPN/100mL)] -vs- [21: Summer Flow at P06P06 (cfs)]

1. Data Assessment and Trend Confirmation



2. Load Exceedance Analysis

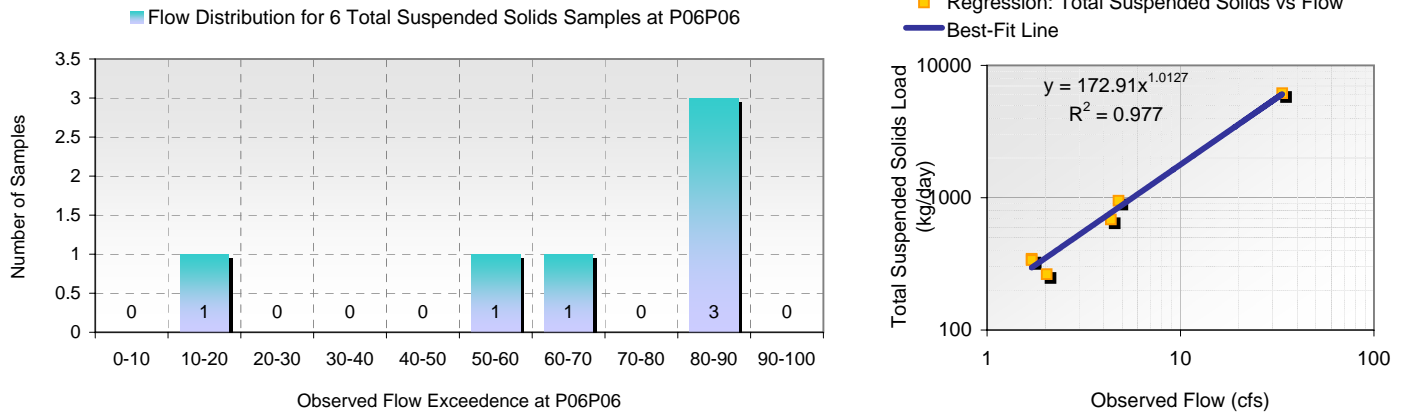


3. Estimated TMDL Loads by Flow Exceedance Range

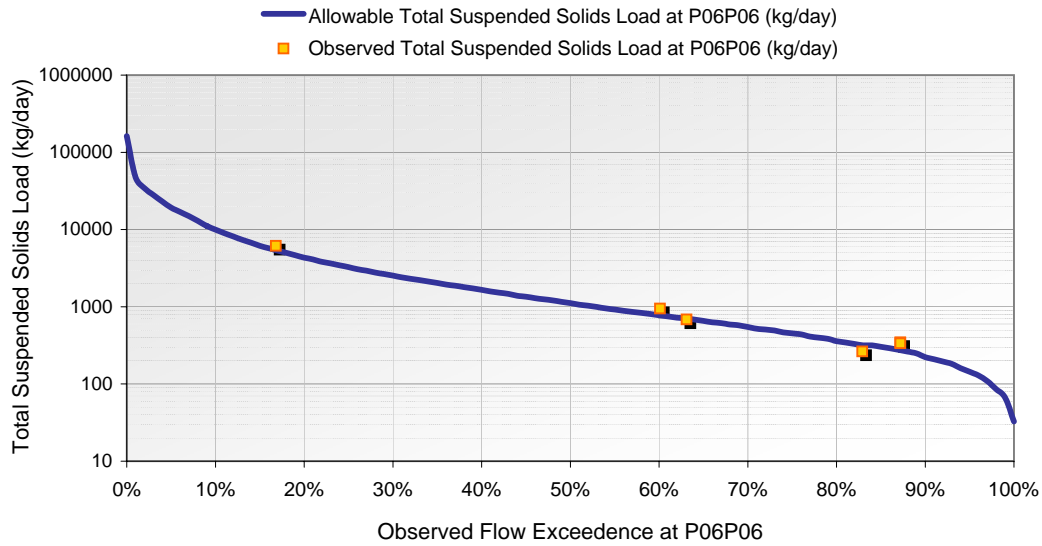
Flow Exceedance Ranges	3-Sample Distribution	Median Observed Summer Flow (cfs)	Allowable Load (Million/day)	Observed Load (Million/day)	Estimated Reduction (%)
0-10	0	70.58	1,726,854	No Data	No Data
10-20	0	21.01	514,036	No Data	No Data
20-30	0	10.96	268,045	No Data	No Data
30-40	0	7.04	172,178	No Data	No Data
40-50	2	4.95	121,185	147,550	17.9%
50-60	0	3.79	92,629	No Data	No Data
60-70	0	2.79	68,152	No Data	No Data
70-80	0	2.04	49,795	No Data	No Data
80-90	1	1.45	35,517	5,413	0.0%
90-100	0	0.70	17,159	No Data	No Data

[44: Total Suspended Solids at P06P06 (mg/L)] -vs- [9: Flow at P06P06 (cfs)]

1. Data Assessment and Trend Confirmation



2. Load Exceedance Analysis

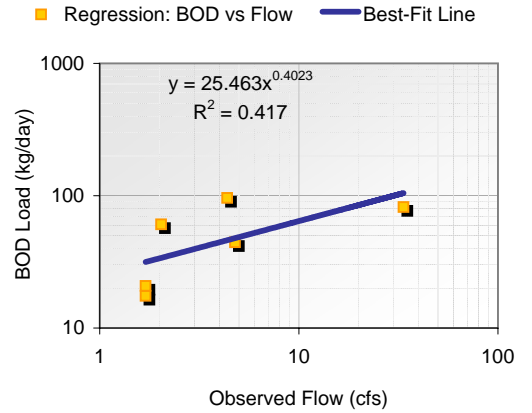
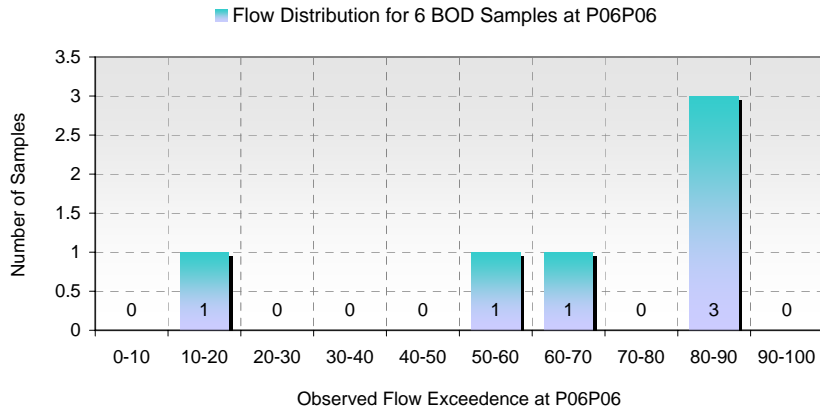


3. Estimated TMDL Loads by Flow Exceedance Range

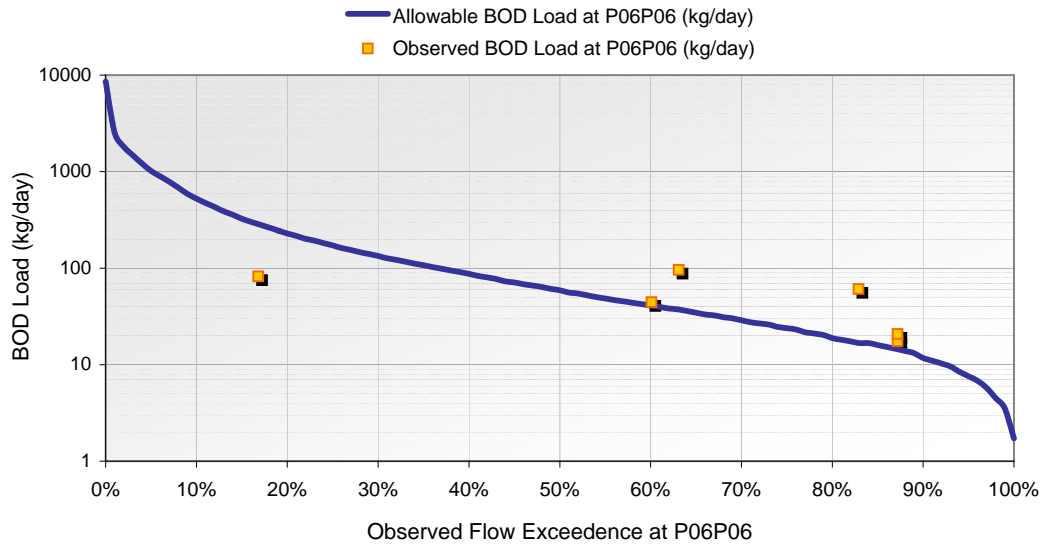
Flow Exceedance Ranges	6-Sample Distribution	Median Observed Flow (cfs)	Allowable Load (kg/day)	Observed Load (kg/day)	Estimated Reduction (%)
0-10	0	118.59	19,265	No Data	No Data
10-20	1	37.88	6,154	6,156	0.0%
20-30	0	20.13	3,270	No Data	No Data
30-40	0	12.54	2,037	No Data	No Data
40-50	0	8.29	1,346	No Data	No Data
50-60	1	5.67	921	949	2.9%
60-70	1	4.04	656	684	4.2%
70-80	0	2.79	453	No Data	No Data
80-90	3	1.87	304	337	10.0%
90-100	0	0.88	144	No Data	No Data

[45: BOD at P06P06 (mg/L)] -vs- [9: Flow at P06P06 (cfs)]

1. Data Assessment and Trend Confirmation



2. Load Exceedance Analysis

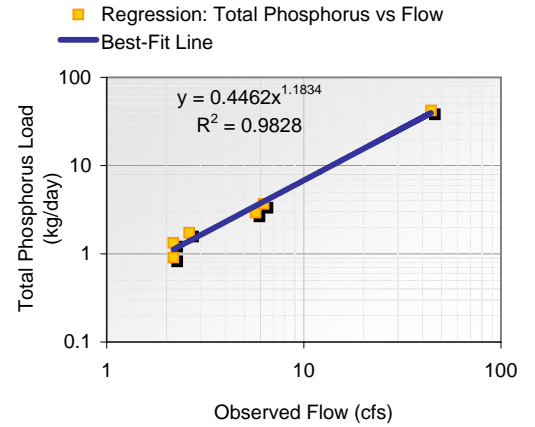
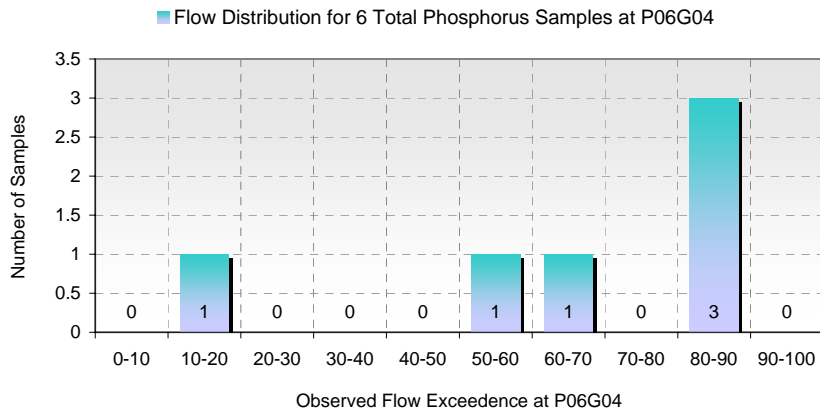


3. Estimated TMDL Loads by Flow Exceedance Range

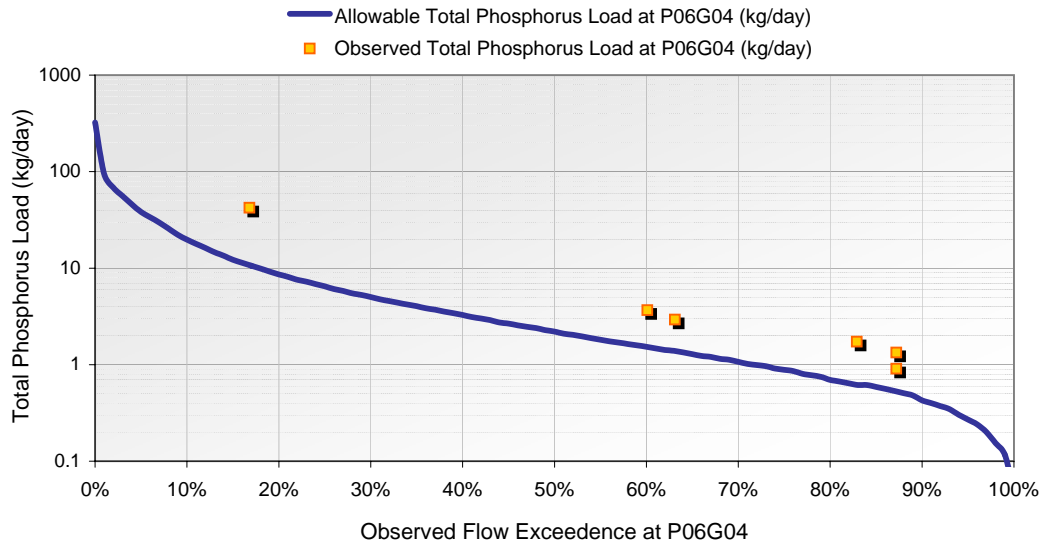
Flow Exceedance Ranges	6-Sample Distribution	Median Observed Flow (cfs)	Allowable Load (kg/day)	Observed Load (kg/day)	Estimated Reduction (%)
0-10	0	118.59	1,015	No Data	No Data
10-20	1	37.88	324	82	0.0%
20-30	0	20.13	172	No Data	No Data
30-40	0	12.54	107	No Data	No Data
40-50	0	8.29	71	No Data	No Data
50-60	1	5.67	49	45	0.0%
60-70	1	4.04	35	96	64.1%
70-80	0	2.79	24	No Data	No Data
80-90	3	1.87	16	21	23.1%
90-100	0	0.88	8	No Data	No Data

[36: Total Phosphorus at P06G04 (mg/L)] -vs- [8: Flow at P06G04 (cfs)]

1. Data Assessment and Trend Confirmation



2. Load Exceedance Analysis

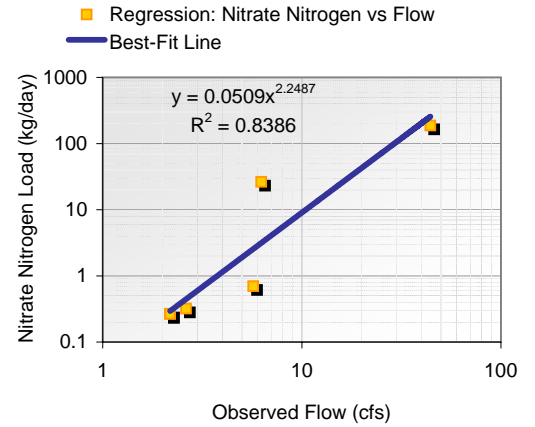
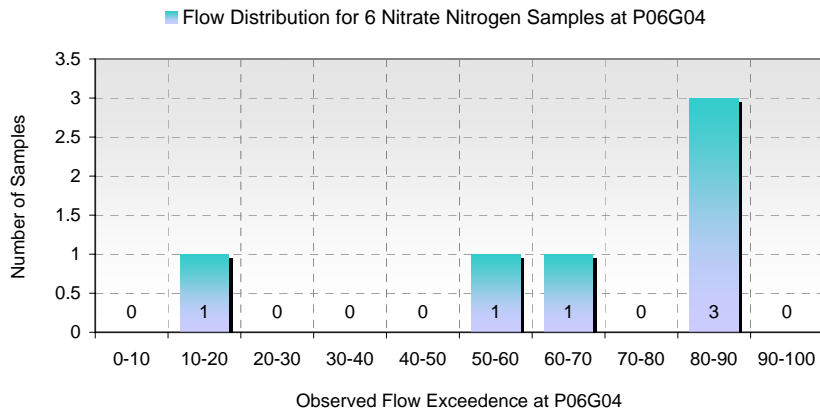


3. Estimated TMDL Loads by Flow Exceedance Range

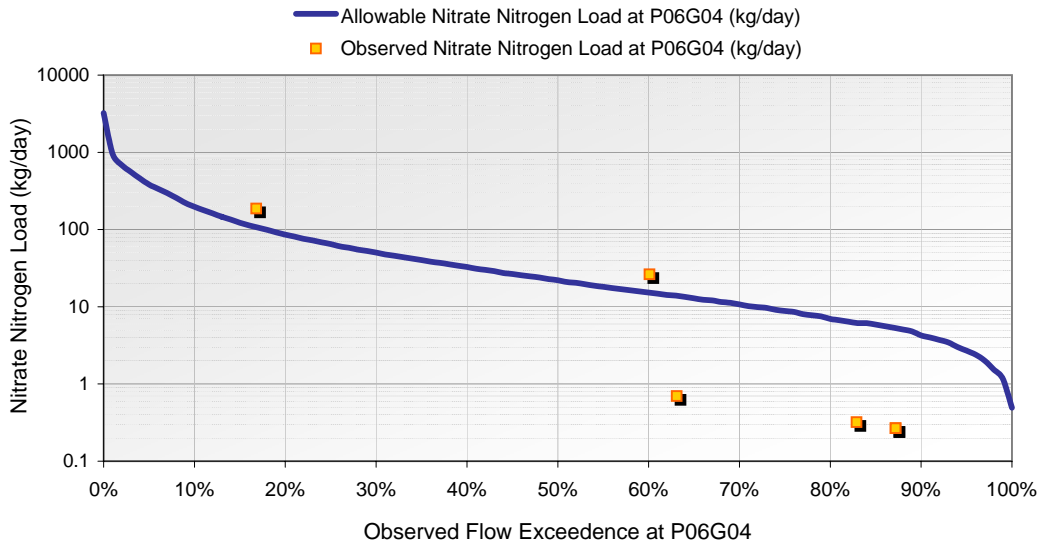
Flow Exceedance Ranges	6-Sample Distribution	Median Observed Flow (cfs)	Allowable Load (kg/day)	Observed Load (kg/day)	Estimated Reduction (%)
0-10	0	156.39	38	No Data	No Data
10-20	1	49.92	12	42	71.0%
20-30	0	26.49	6	No Data	No Data
30-40	0	16.48	4	No Data	No Data
40-50	0	10.87	3	No Data	No Data
50-60	1	7.42	2	4	50.6%
60-70	1	5.26	1	3	56.1%
70-80	0	3.61	1	No Data	No Data
80-90	3	2.40	1	1	56.0%
90-100	0	1.10	0	No Data	No Data

[38: Nitrate Nitrogen at P06G04 (mg/L)] -vs- [8: Flow at P06G04 (cfs)]

1. Data Assessment and Trend Confirmation



2. Load Exceedance Analysis

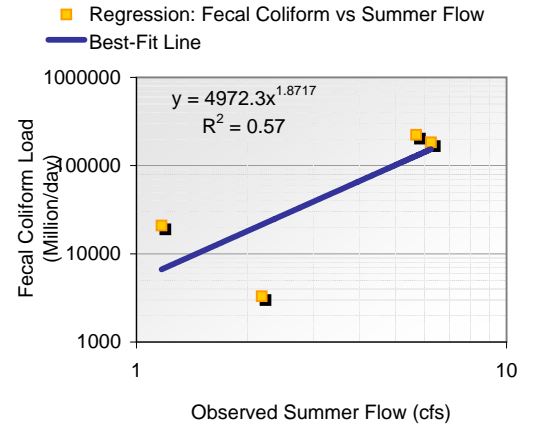
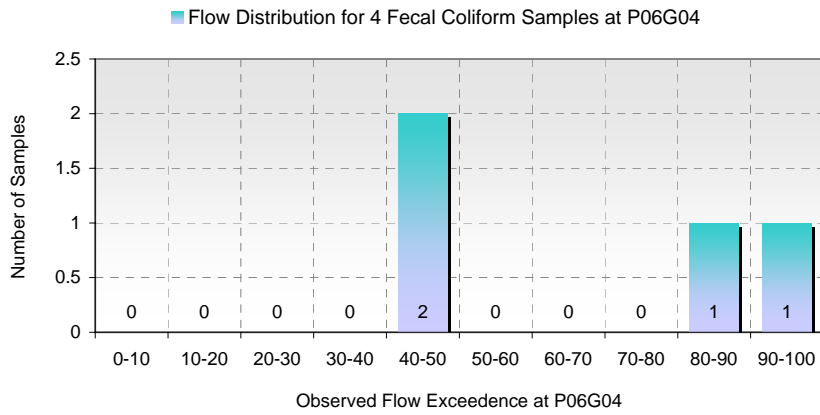


3. Estimated TMDL Loads by Flow Exceedance Range

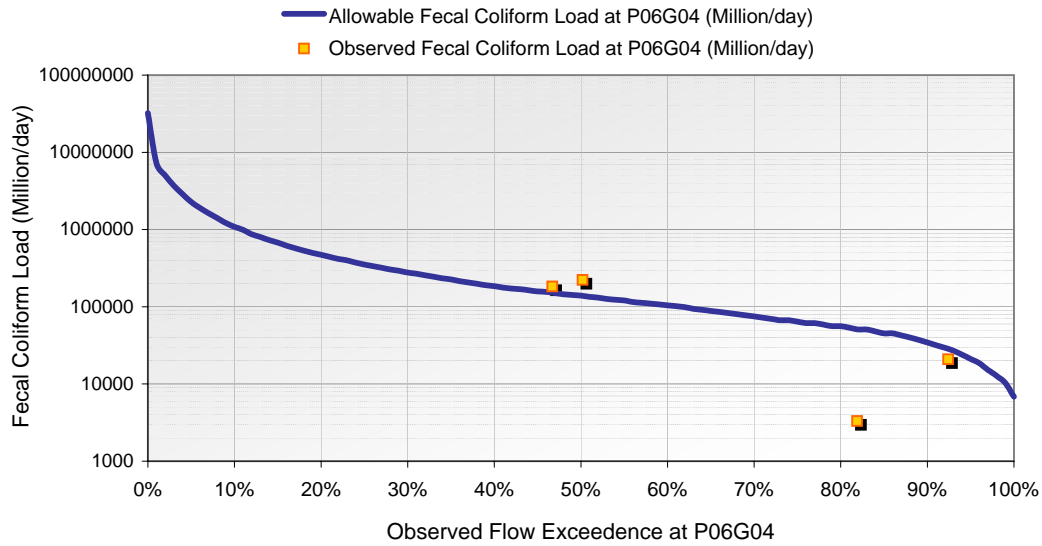
Flow Exceedance Ranges	6-Sample Distribution	Median Observed Flow (cfs)	Allowable Load (kg/day)	Observed Load (kg/day)	Estimated Reduction (%)
0-10	0	156.39	383	No Data	No Data
10-20	1	49.92	122	187	34.7%
20-30	0	26.49	65	No Data	No Data
30-40	0	16.48	40	No Data	No Data
40-50	0	10.87	27	No Data	No Data
50-60	1	7.42	18	26	31.0%
60-70	1	5.26	13	1	0.0%
70-80	0	3.61	9	No Data	No Data
80-90	3	2.40	6	0	0.0%
90-100	0	1.10	3	No Data	No Data

[37: Fecal Coliform at P06G04 (MPN/100mL)] -vs- [20: Summer Flow at P06G04 (cfs)]

1. Data Assessment and Trend Confirmation



2. Load Exceedance Analysis

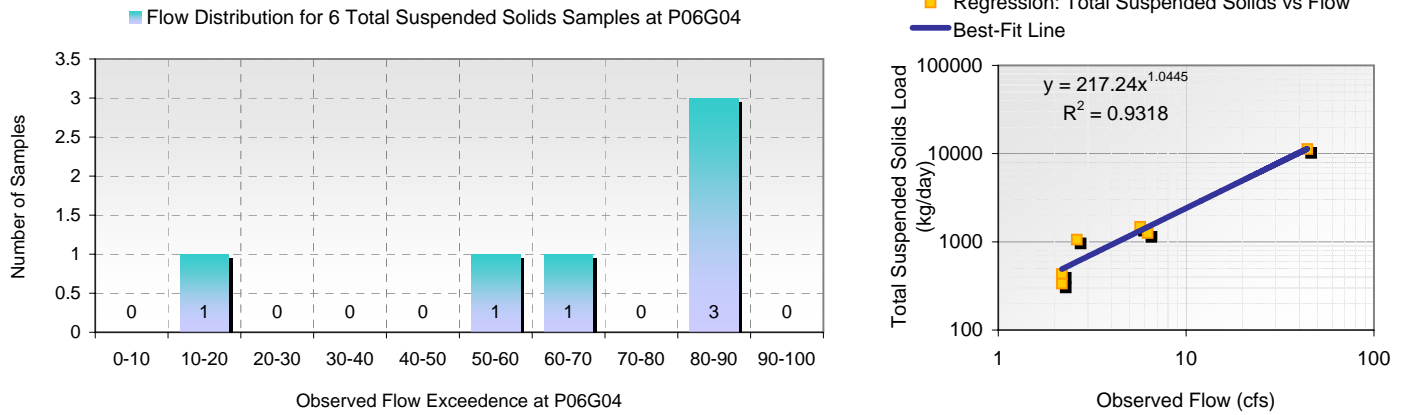


3. Estimated TMDL Loads by Flow Exceedance Range

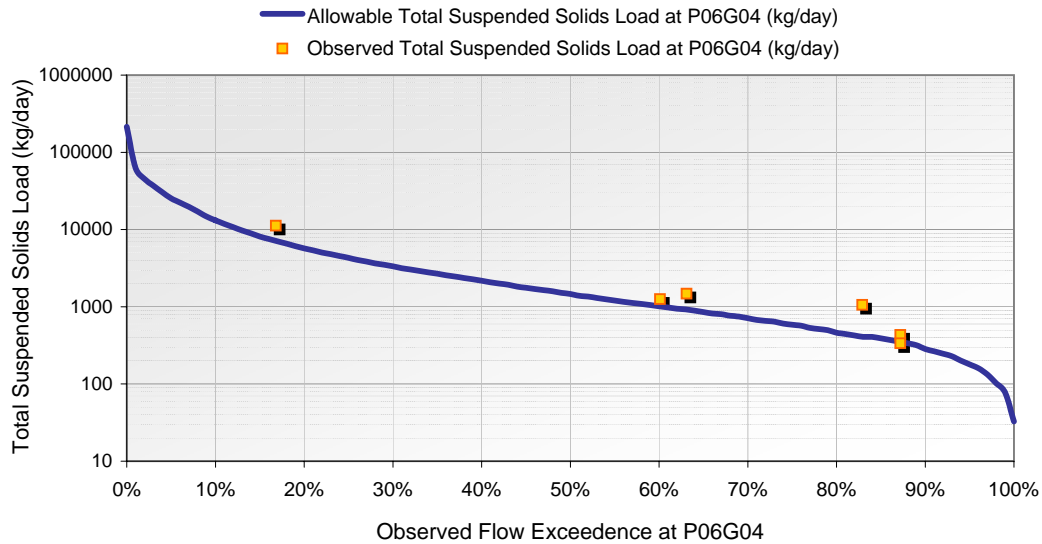
Flow Exceedance Ranges	4-Sample Distribution	Median Observed Summer Flow (cfs)	Allowable Load (Million/day)	Observed Load (Million/day)	Estimated Reduction (%)
0-10	0	93.06	2,276,700	No Data	No Data
10-20	0	27.66	676,605	No Data	No Data
20-30	0	14.39	352,066	No Data	No Data
30-40	0	9.22	225,587	No Data	No Data
40-50	2	6.47	158,311	203,336	22.1%
50-60	0	4.93	120,636	No Data	No Data
60-70	0	3.61	88,343	No Data	No Data
70-80	0	2.62	64,124	No Data	No Data
80-90	1	1.85	45,287	3,308	0.0%
90-100	1	0.86	21,067	20,880	0.0%

[39: Total Suspended Solids at P06G04 (mg/L)] -vs- [8: Flow at P06G04 (cfs)]

1. Data Assessment and Trend Confirmation



2. Load Exceedance Analysis

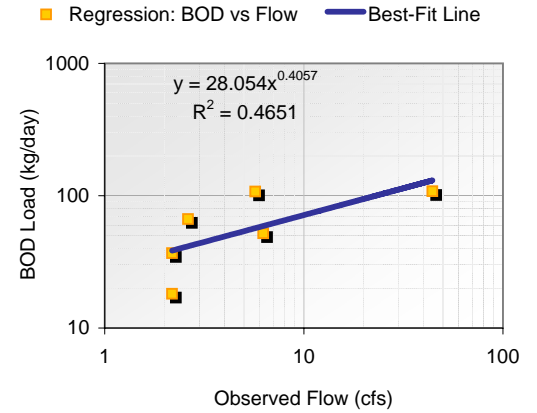
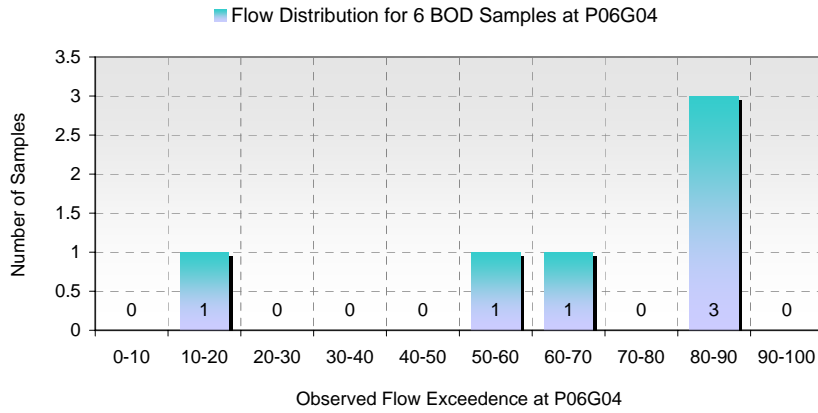


3. Estimated TMDL Loads by Flow Exceedance Range

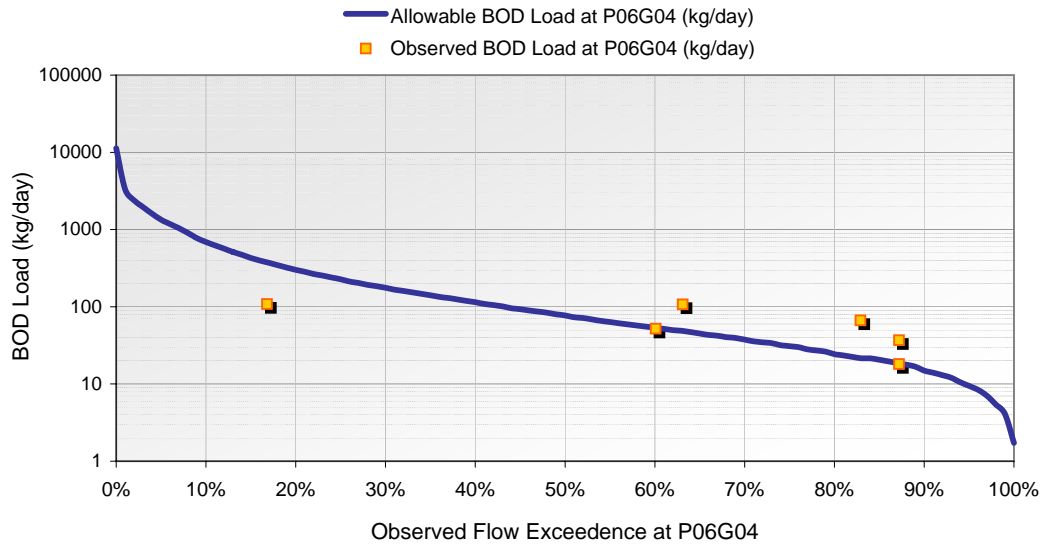
Flow Exceedance Ranges	6-Sample Distribution	Median Observed Flow (cfs)	Allowable Load (kg/day)	Observed Load (kg/day)	Estimated Reduction (%)
0-10	0	156.39	25,406	No Data	No Data
10-20	1	49.92	8,109	11,246	27.9%
20-30	0	26.49	4,303	No Data	No Data
30-40	0	16.48	2,677	No Data	No Data
40-50	0	10.87	1,766	No Data	No Data
50-60	1	7.42	1,205	1,254	3.9%
60-70	1	5.26	855	1,478	42.2%
70-80	0	3.61	587	No Data	No Data
80-90	3	2.40	390	432	9.8%
90-100	0	1.10	179	No Data	No Data

[40: BOD at P06G04 (mg/L)] -vs- [8: Flow at P06G04 (cfs)]

1. Data Assessment and Trend Confirmation



2. Load Exceedence Analysis

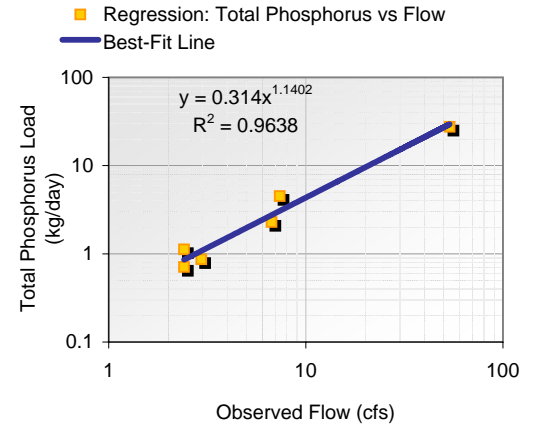
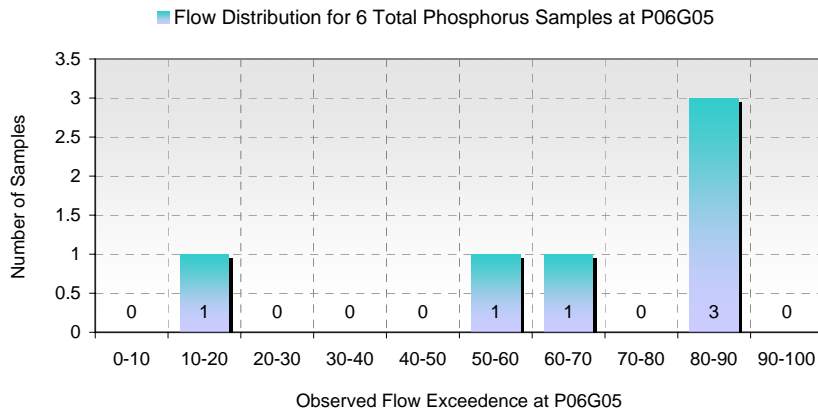


3. Estimated TMDL Loads by Flow Exceedence Range

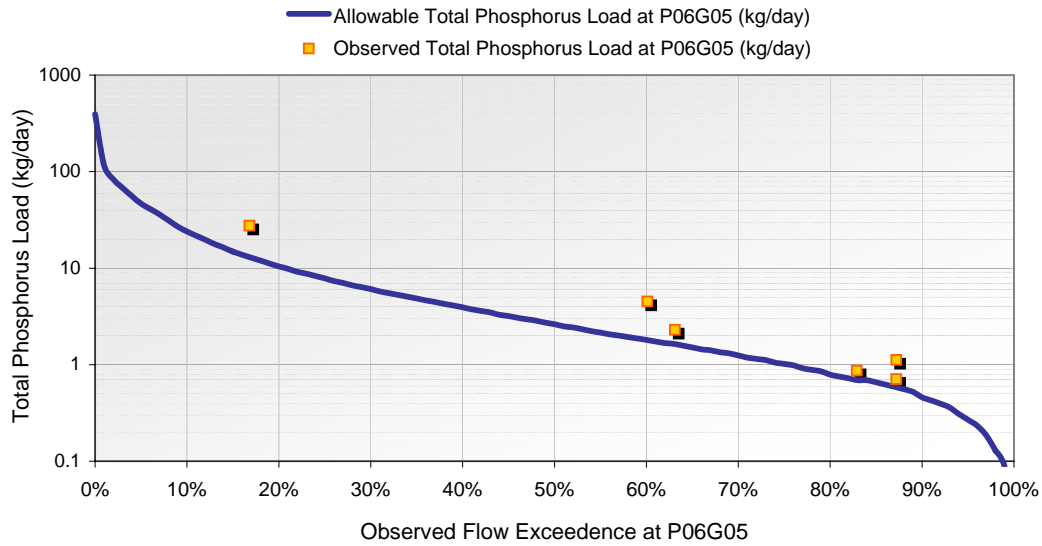
Flow Exceedence Ranges	6-Sample Distribution	Median Observed Flow (cfs)	Allowable Load (kg/day)	Observed Load (kg/day)	Estimated Reduction (%)
0-10	0	156.39	1,339	No Data	No Data
10-20	1	49.92	427	108	0.0%
20-30	0	26.49	227	No Data	No Data
30-40	0	16.48	141	No Data	No Data
40-50	0	10.87	93	No Data	No Data
50-60	1	7.42	64	52	0.0%
60-70	1	5.26	45	107	58.1%
70-80	0	3.61	31	No Data	No Data
80-90	3	2.40	21	37	44.2%
90-100	0	1.10	9	No Data	No Data

[16: Total Phosphorus at P06G05 (mg/L)] -vs- [4: Flow at P06G05 (cfs)]

1. Data Assessment and Trend Confirmation



2. Load Exceedance Analysis

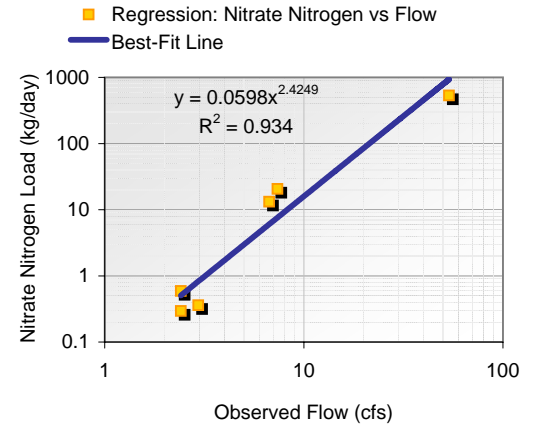
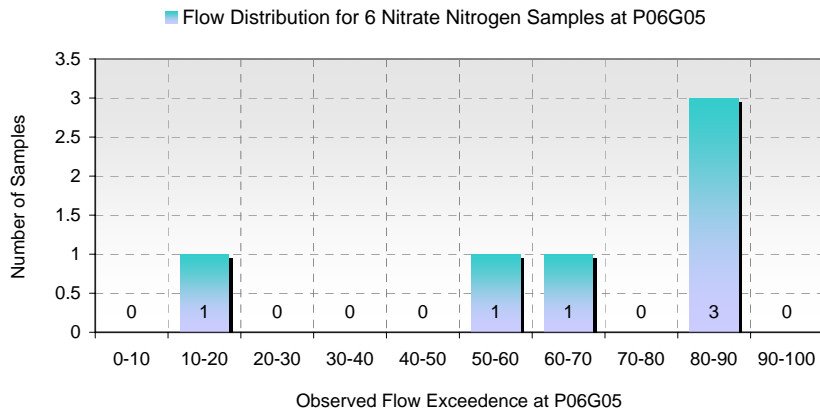


3. Estimated TMDL Loads by Flow Exceedance Range

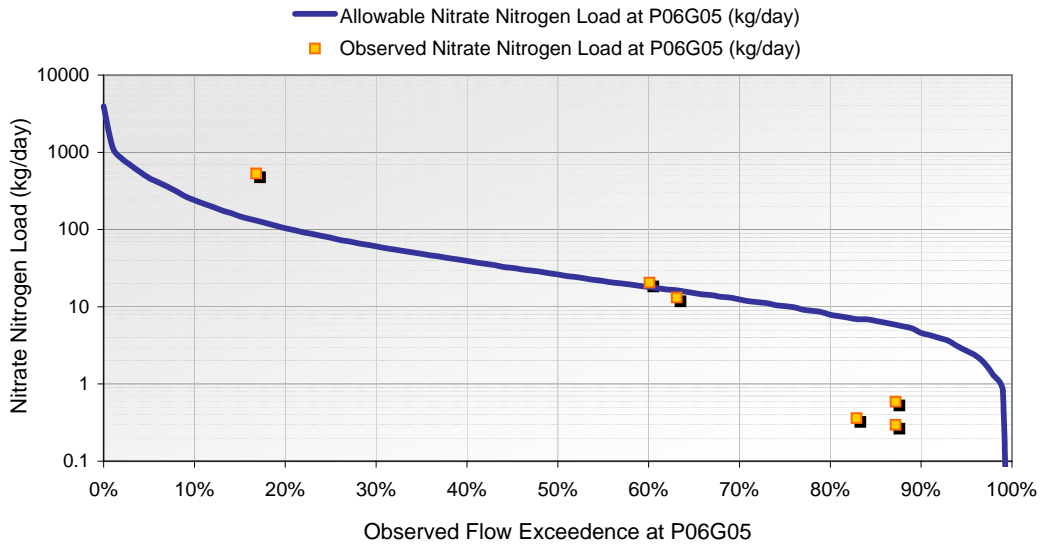
Flow Exceedance Ranges	6-Sample Distribution	Median Observed Flow (cfs)	Allowable Load (kg/day)	Observed Load (kg/day)	Estimated Reduction (%)
0-10	0	190.42	47	No Data	No Data
10-20	1	60.61	15	28	46.2%
20-30	0	32.05	8	No Data	No Data
30-40	0	19.85	5	No Data	No Data
40-50	0	13.01	3	No Data	No Data
50-60	1	8.80	2	5	52.3%
60-70	1	6.17	2	2	34.3%
70-80	0	4.16	1	No Data	No Data
80-90	3	2.68	1	1	24.2%
90-100	0	1.10	0	No Data	No Data

[18: Nitrate Nitrogen at P06G05 (mg/L)] -vs- [4: Flow at P06G05 (cfs)]

1. Data Assessment and Trend Confirmation



2. Load Exceedance Analysis

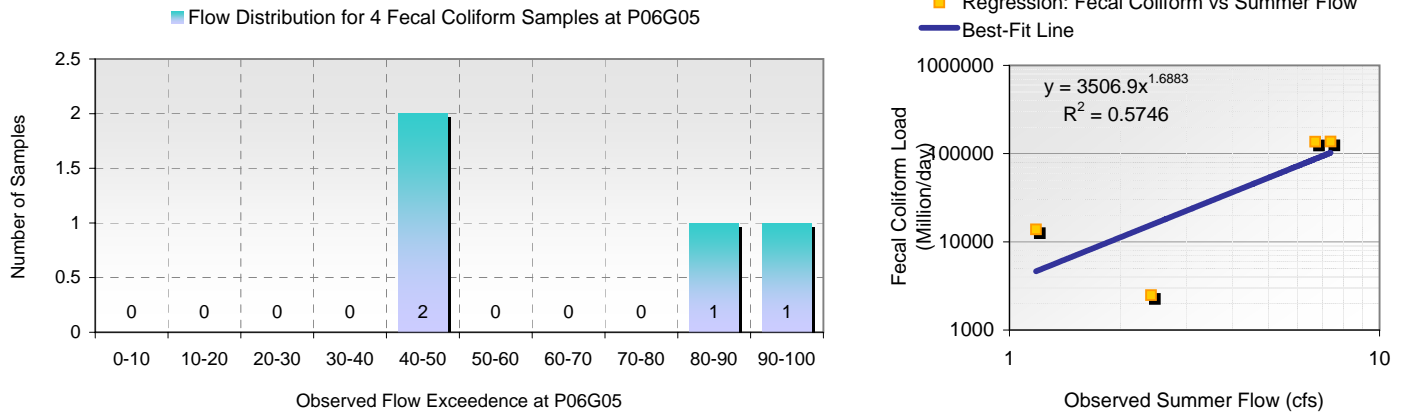


3. Estimated TMDL Loads by Flow Exceedance Range

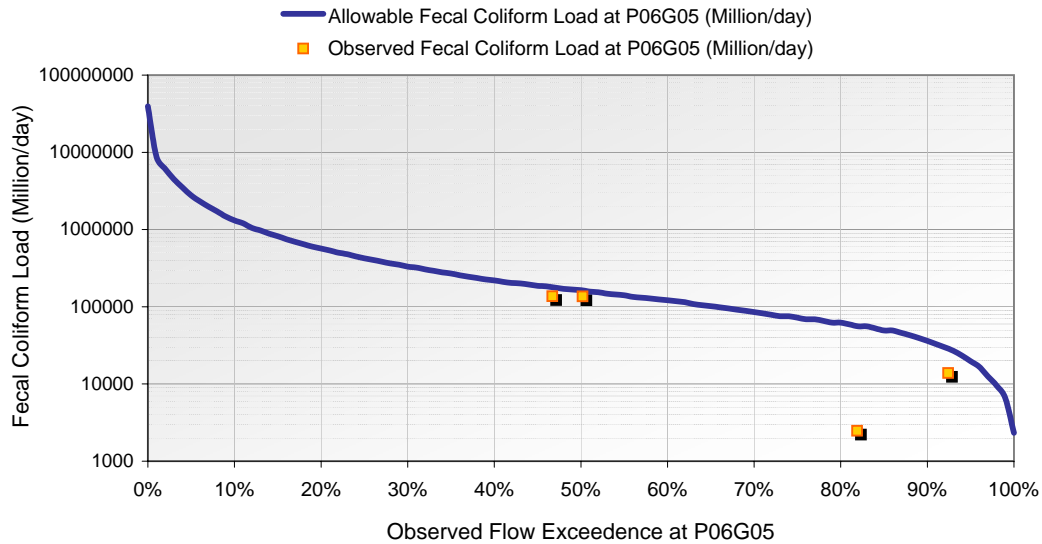
Flow Exceedance Ranges	6-Sample Distribution	Median Observed Flow (cfs)	Allowable Load (kg/day)	Observed Load (kg/day)	Estimated Reduction (%)
0-10	0	190.42	466	No Data	No Data
10-20	1	60.61	148	533	72.2%
20-30	0	32.05	78	No Data	No Data
30-40	0	19.85	49	No Data	No Data
40-50	0	13.01	32	No Data	No Data
50-60	1	8.80	22	21	0.0%
60-70	1	6.17	15	13	0.0%
70-80	0	4.16	10	No Data	No Data
80-90	3	2.68	7	0	0.0%
90-100	0	1.10	3	No Data	No Data

[17: Fecal Coliform at P06G05 (MPN/100mL)] -vs- [16: Summer Flow at P06G05 (cfs)]

1. Data Assessment and Trend Confirmation



2. Load Exceedence Analysis

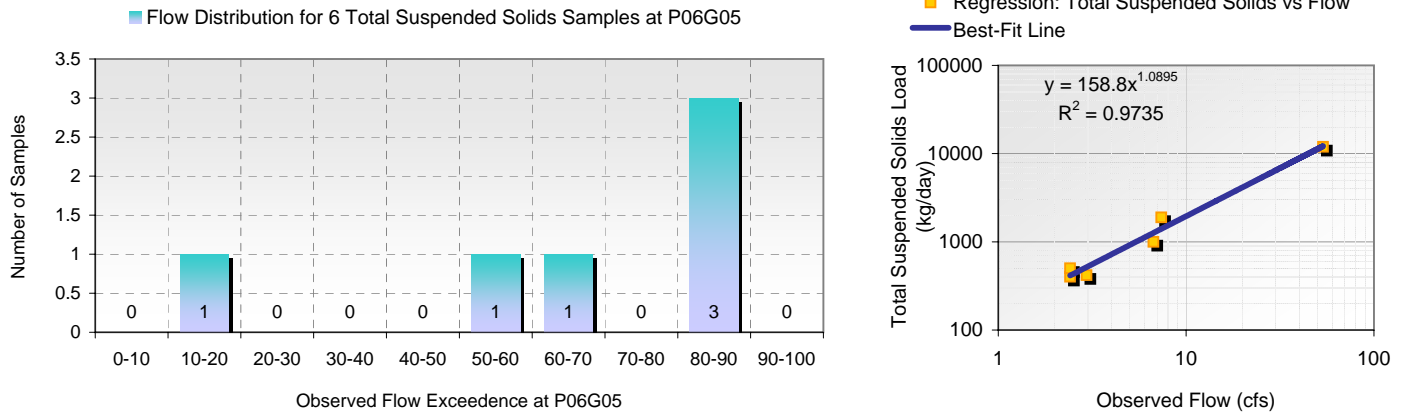


3. Estimated TMDL Loads by Flow Exceedence Range

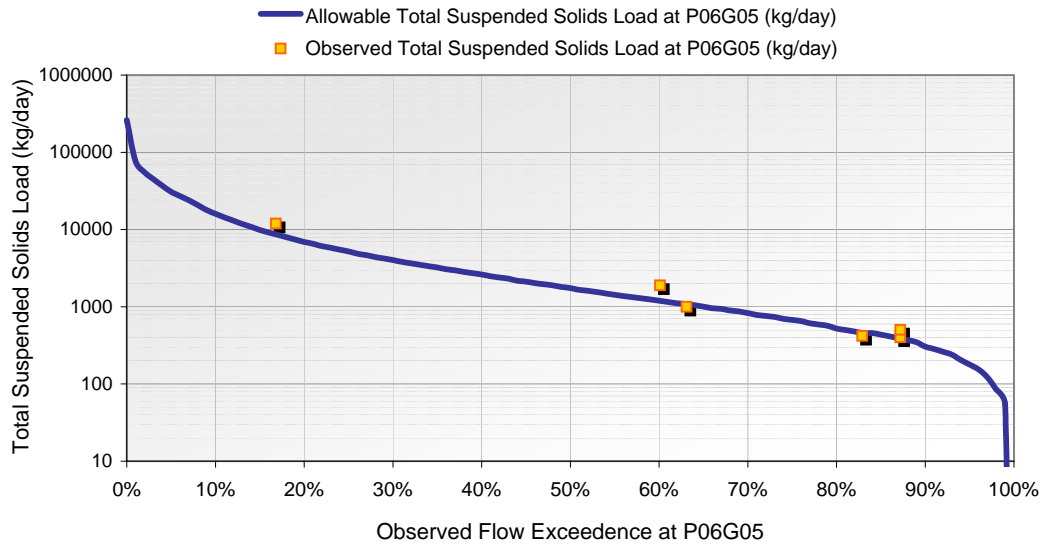
Flow Exceedence Ranges	4-Sample Distribution	Median Observed Summer Flow (cfs)	Allowable Load (Million/day)	Observed Load (Million/day)	Estimated Reduction (%)
0-10	0	113.21	2,769,657	No Data	No Data
10-20	0	33.47	818,889	No Data	No Data
20-30	0	17.30	423,224	No Data	No Data
30-40	0	11.00	269,026	No Data	No Data
40-50	2	7.64	187,006	136,646	0.0%
50-60	0	5.77	141,075	No Data	No Data
60-70	0	4.16	101,705	No Data	No Data
70-80	0	2.95	72,178	No Data	No Data
80-90	1	2.01	49,212	2,480	0.0%
90-100	1	0.80	19,685	13,858	0.0%

[19: Total Suspended Solids at P06G05 (mg/L)] -vs- [4: Flow at P06G05 (cfs)]

1. Data Assessment and Trend Confirmation



2. Load Exceedance Analysis

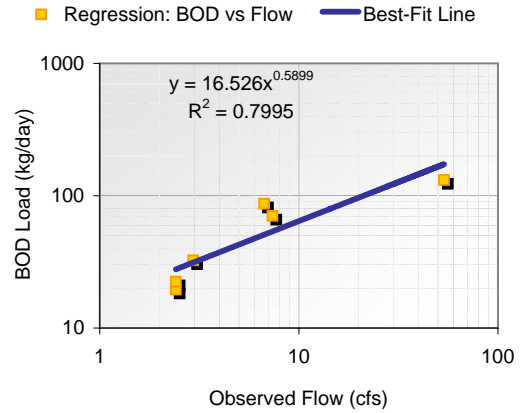
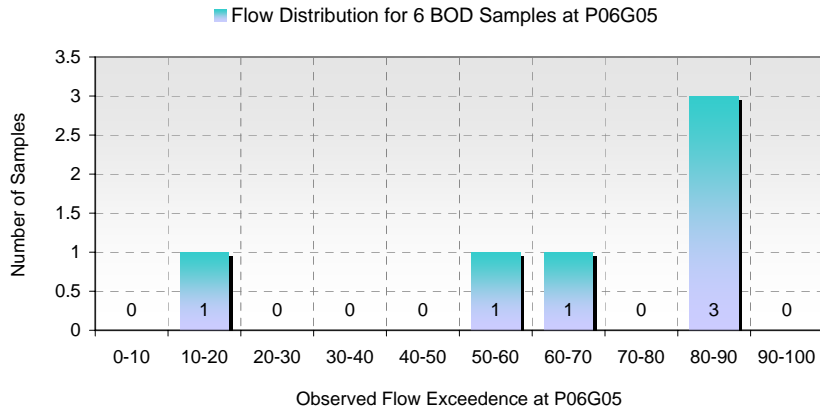


3. Estimated TMDL Loads by Flow Exceedance Range

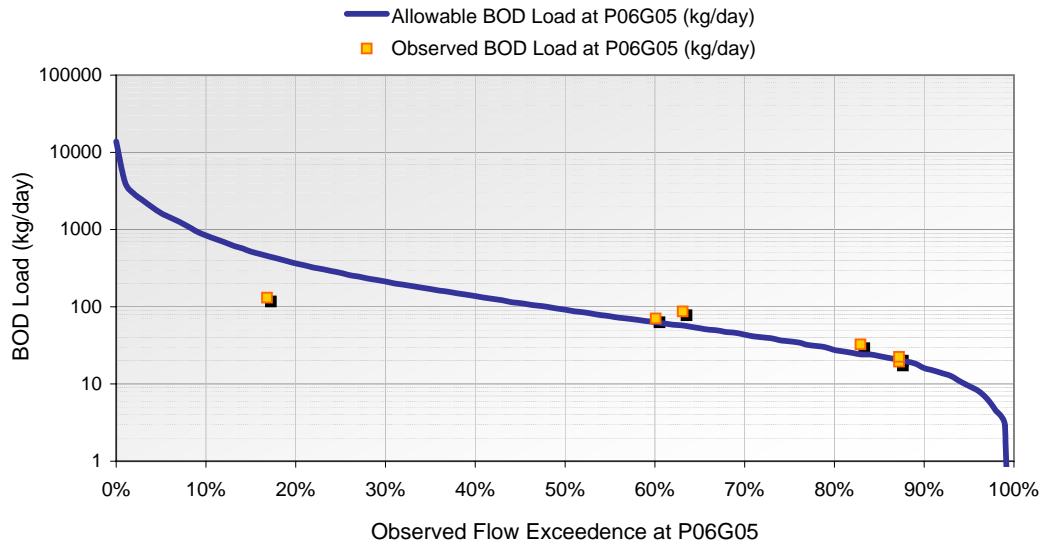
Flow Exceedance Ranges	6-Sample Distribution	Median Observed Flow (cfs)	Allowable Load (kg/day)	Observed Load (kg/day)	Estimated Reduction (%)
0-10	0	190.42	30,934	No Data	No Data
10-20	1	60.61	9,847	11,942	17.5%
20-30	0	32.05	5,207	No Data	No Data
30-40	0	19.85	3,224	No Data	No Data
40-50	0	13.01	2,113	No Data	No Data
50-60	1	8.80	1,429	1,895	24.6%
60-70	1	6.17	1,002	1,001	0.0%
70-80	0	4.16	675	No Data	No Data
80-90	3	2.68	436	419	0.0%
90-100	0	1.10	179	No Data	No Data

[20: BOD at P06G05 (mg/L)] -vs- [4: Flow at P06G05 (cfs)]

1. Data Assessment and Trend Confirmation



2. Load Exceedence Analysis

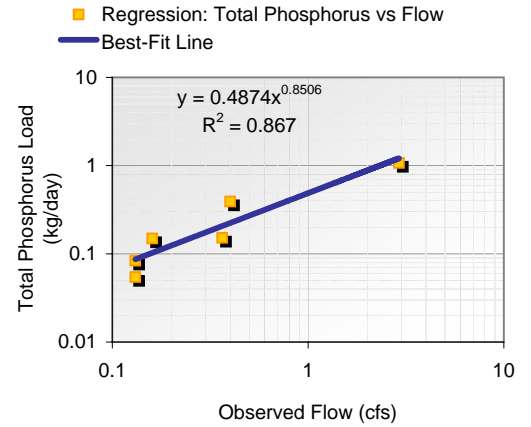
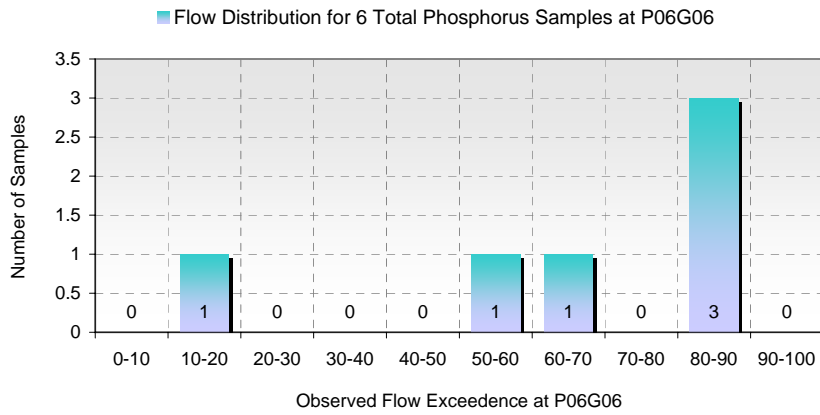


3. Estimated TMDL Loads by Flow Exceedence Range

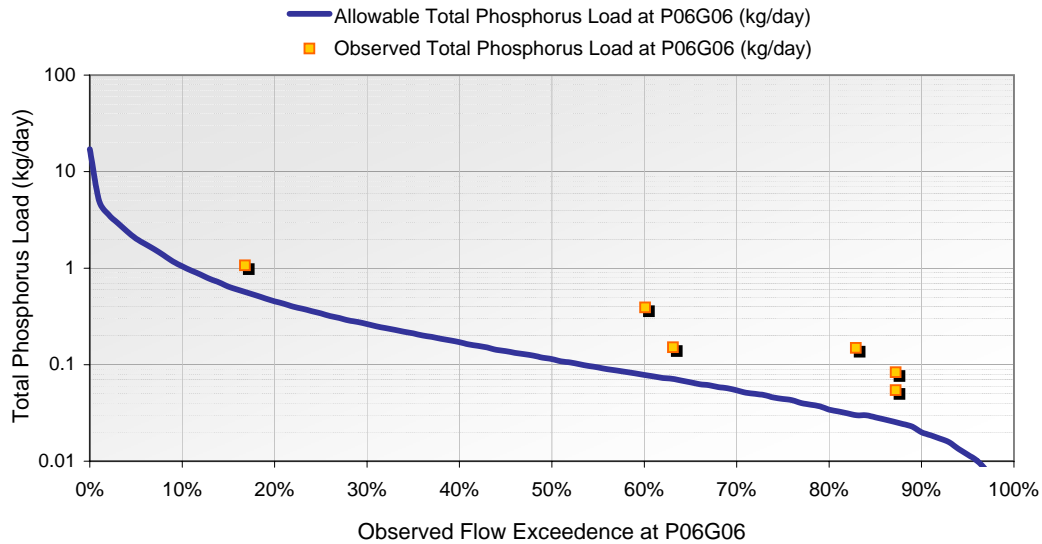
Flow Exceedence Ranges	6-Sample Distribution	Median Observed Flow (cfs)	Allowable Load (kg/day)	Observed Load (kg/day)	Estimated Reduction (%)
0-10	0	190.42	1,631	No Data	No Data
10-20	1	60.61	519	131	0.0%
20-30	0	32.05	274	No Data	No Data
30-40	0	19.85	170	No Data	No Data
40-50	0	13.01	111	No Data	No Data
50-60	1	8.80	75	70	0.0%
60-70	1	6.17	53	87	39.2%
70-80	0	4.16	36	No Data	No Data
80-90	3	2.68	23	22	0.0%
90-100	0	1.10	9	No Data	No Data

[11: Total Phosphorus at P06G06 (mg/L)] -vs- [3: Flow at P06G06 (cfs)]

1. Data Assessment and Trend Confirmation



2. Load Exceedance Analysis

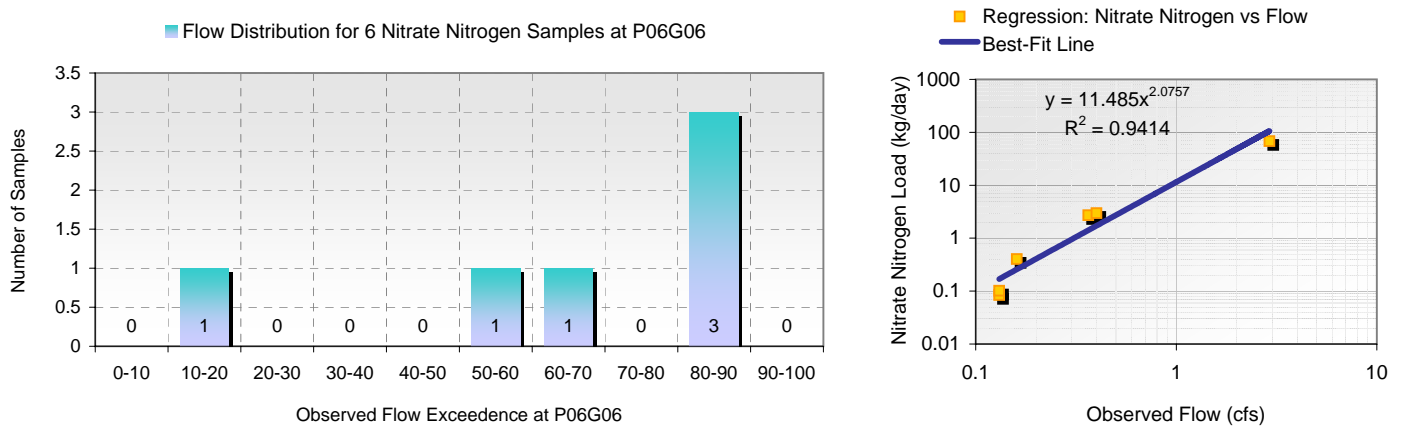


3. Estimated TMDL Loads by Flow Exceedance Range

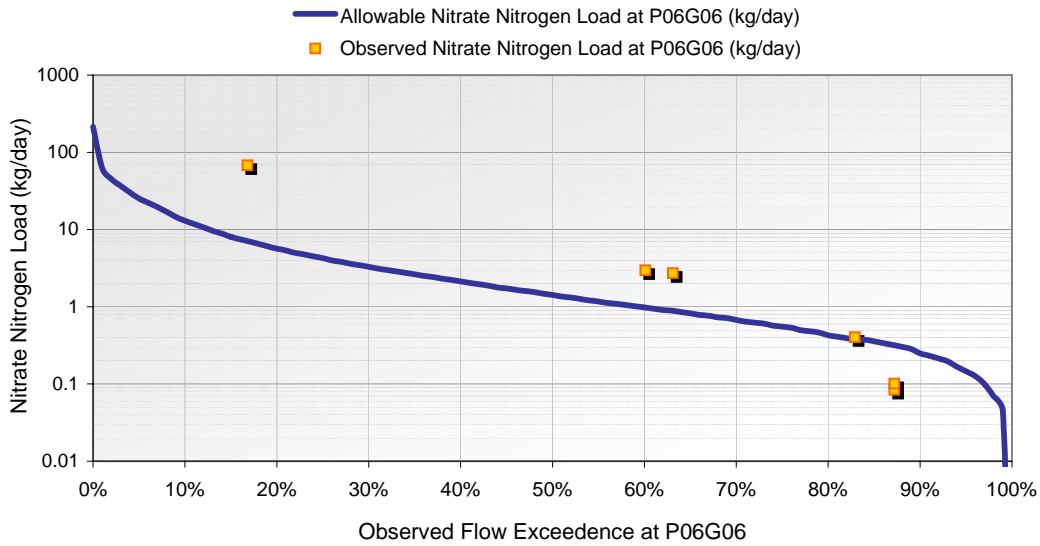
Flow Exceedance Ranges	6-Sample Distribution	Median Observed Flow (cfs)	Allowable Load (kg/day)	Observed Load (kg/day)	Estimated Reduction (%)
0-10	0	10.34	2	No Data	No Data
10-20	1	3.29	1	1	39.7%
20-30	0	1.74	0	No Data	No Data
30-40	0	1.08	0	No Data	No Data
40-50	0	0.71	0	No Data	No Data
50-60	1	0.48	0	0	76.1%
60-70	1	0.34	0	0	56.7%
70-80	0	0.23	0	No Data	No Data
80-90	3	0.15	0	0	65.8%
90-100	0	0.06	0	No Data	No Data

[13: Nitrate Nitrogen at P06G06 (mg/L)] -vs- [3: Flow at P06G06 (cfs)]

1. Data Assessment and Trend Confirmation



2. Load Exceedance Analysis

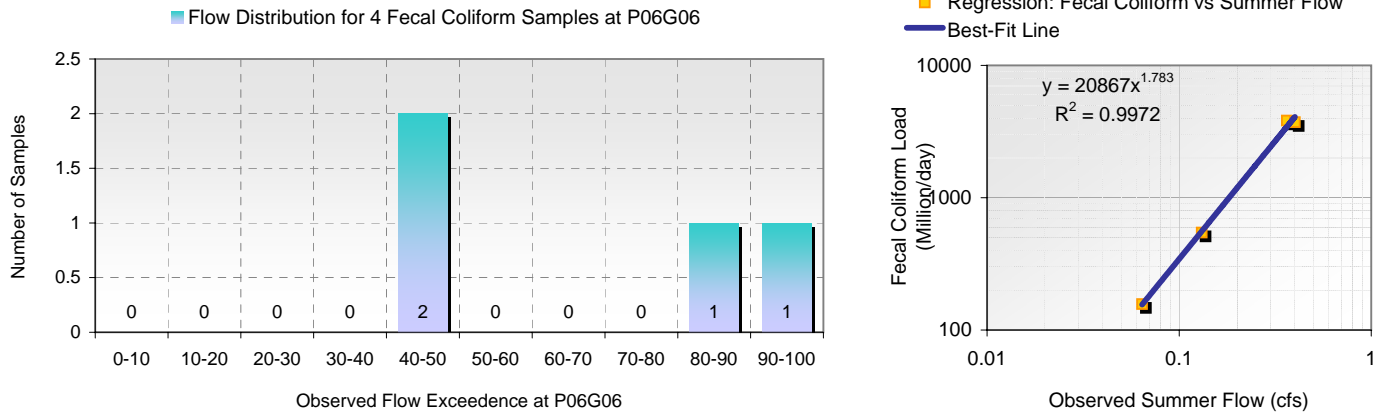


3. Estimated TMDL Loads by Flow Exceedance Range

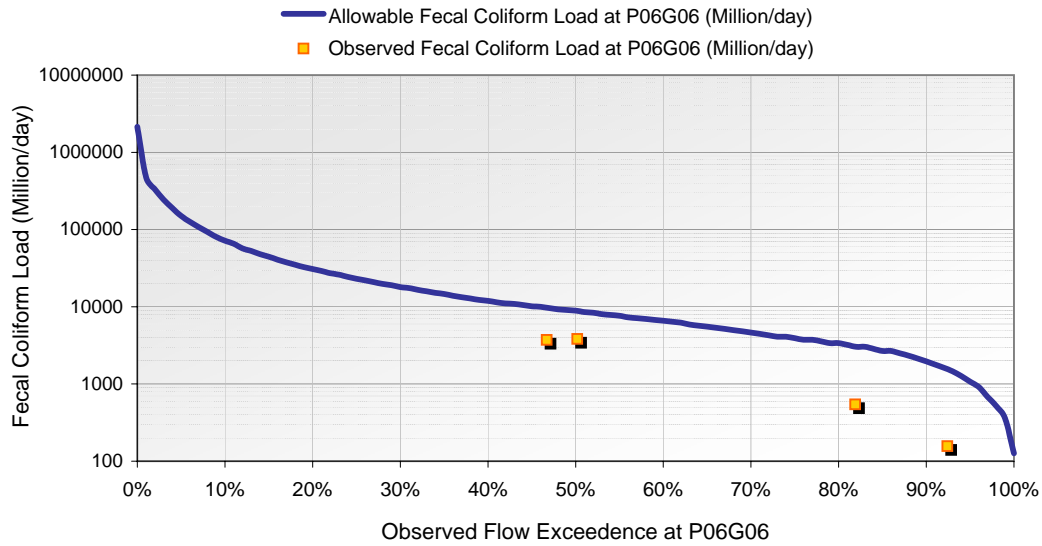
Flow Exceedance Ranges	6-Sample Distribution	Median Observed Flow (cfs)	Allowable Load (kg/day)	Observed Load (kg/day)	Estimated Reduction (%)
0-10	0	10.34	25	No Data	No Data
10-20	1	3.29	8	68	88.1%
20-30	0	1.74	4	No Data	No Data
30-40	0	1.08	3	No Data	No Data
40-50	0	0.71	2	No Data	No Data
50-60	1	0.48	1	3	60.6%
60-70	1	0.34	1	3	69.8%
70-80	0	0.23	1	No Data	No Data
80-90	3	0.15	0	0	0.0%
90-100	0	0.06	0	No Data	No Data

[12: Fecal Coliform at P06G06 (MPN/100mL)] -vs- [15: Summer Flow at P06G06 (cfs)]

1. Data Assessment and Trend Confirmation



2. Load Exceedence Analysis

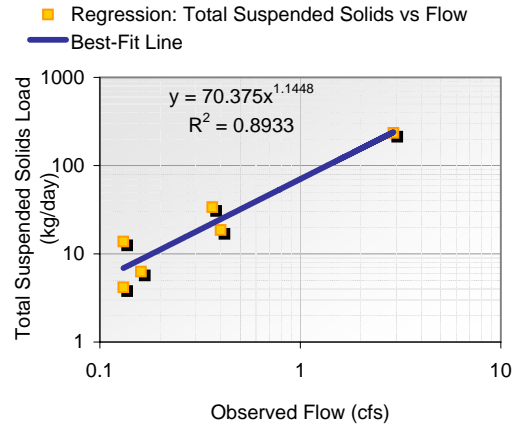
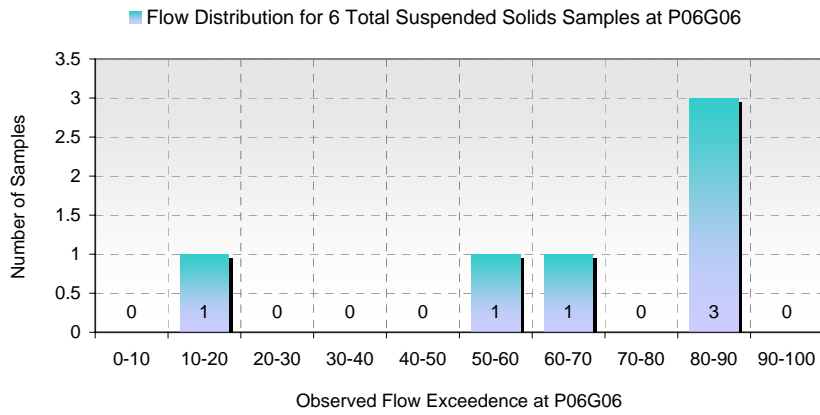


3. Estimated TMDL Loads by Flow Exceedence Range

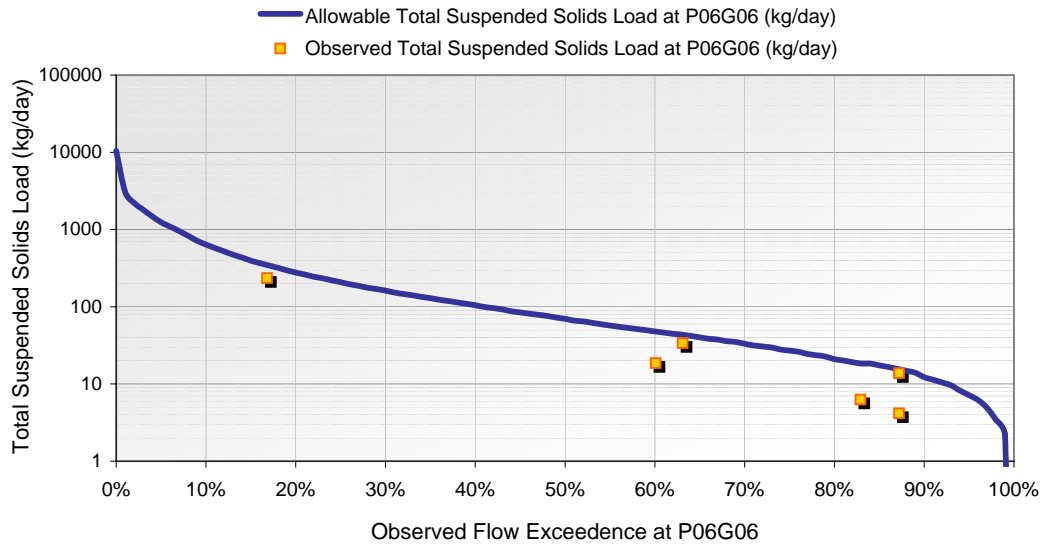
Flow Exceedence Ranges	4-Sample Distribution	Median Observed Summer Flow (cfs)	Allowable Load (Million/day)	Observed Load (Million/day)	Estimated Reduction (%)
0-10	0	6.15	150,418	No Data	No Data
10-20	0	1.82	44,473	No Data	No Data
20-30	0	0.94	22,985	No Data	No Data
30-40	0	0.60	14,611	No Data	No Data
40-50	2	0.42	10,156	3,777	0.0%
50-60	0	0.31	7,662	No Data	No Data
60-70	0	0.23	5,524	No Data	No Data
70-80	0	0.16	3,920	No Data	No Data
80-90	1	0.11	2,673	545	0.0%
90-100	1	0.04	1,069	157	0.0%

[14: Total Suspended Solids at P06G06 (mg/L)] -vs- [3: Flow at P06G06 (cfs)]

1. Data Assessment and Trend Confirmation



2. Load Exceedance Analysis

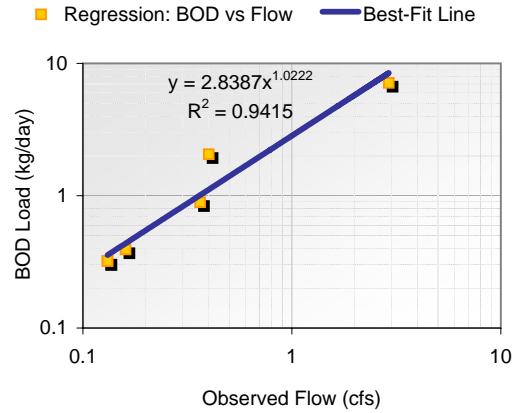
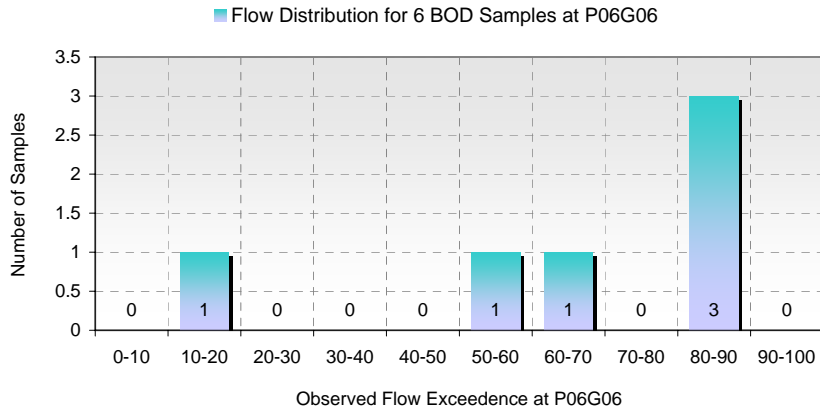


3. Estimated TMDL Loads by Flow Exceedance Range

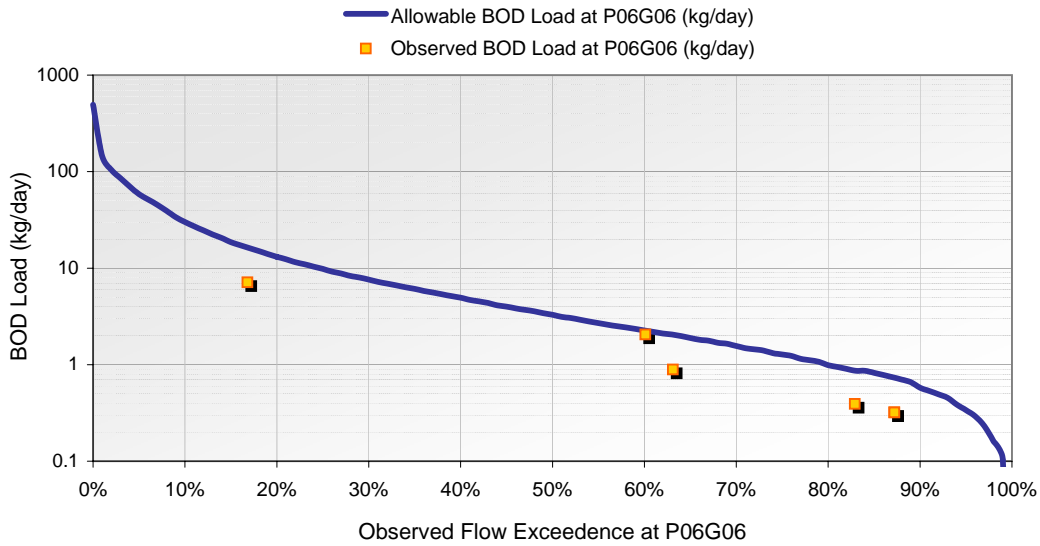
Flow Exceedance Ranges	6-Sample Distribution	Median Observed Flow (cfs)	Allowable Load (kg/day)	Observed Load (kg/day)	Estimated Reduction (%)
0-10	0	10.34	1,240	No Data	No Data
10-20	1	3.29	395	235	0.0%
20-30	0	1.74	209	No Data	No Data
30-40	0	1.08	129	No Data	No Data
40-50	0	0.71	85	No Data	No Data
50-60	1	0.48	57	19	0.0%
60-70	1	0.34	40	34	0.0%
70-80	0	0.23	27	No Data	No Data
80-90	3	0.15	17	6	0.0%
90-100	0	0.06	7	No Data	No Data

[15: BOD at P06G06 (mg/L)] -vs- [3: Flow at P06G06 (cfs)]

1. Data Assessment and Trend Confirmation



2. Load Exceedance Analysis

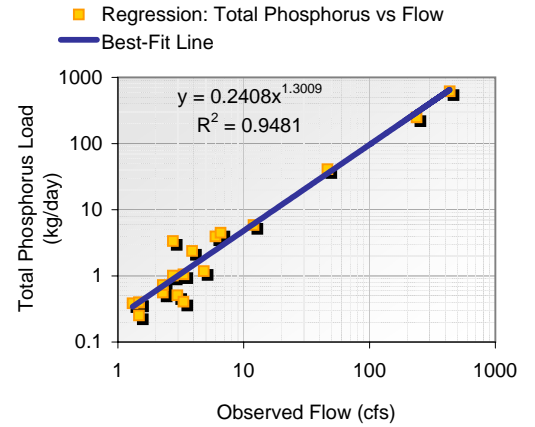
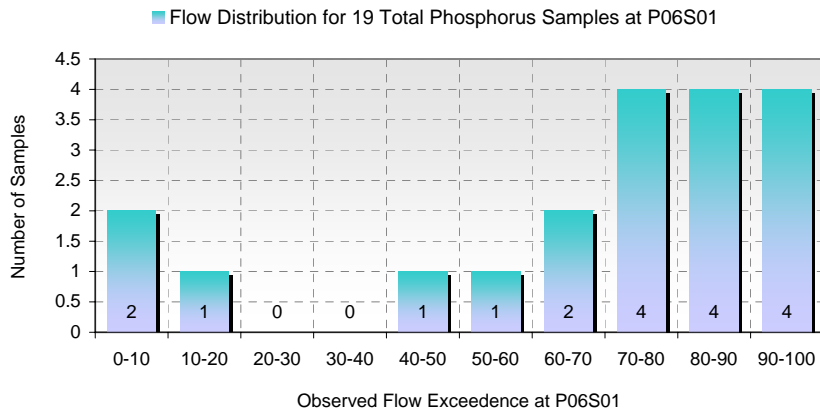


3. Estimated TMDL Loads by Flow Exceedance Range

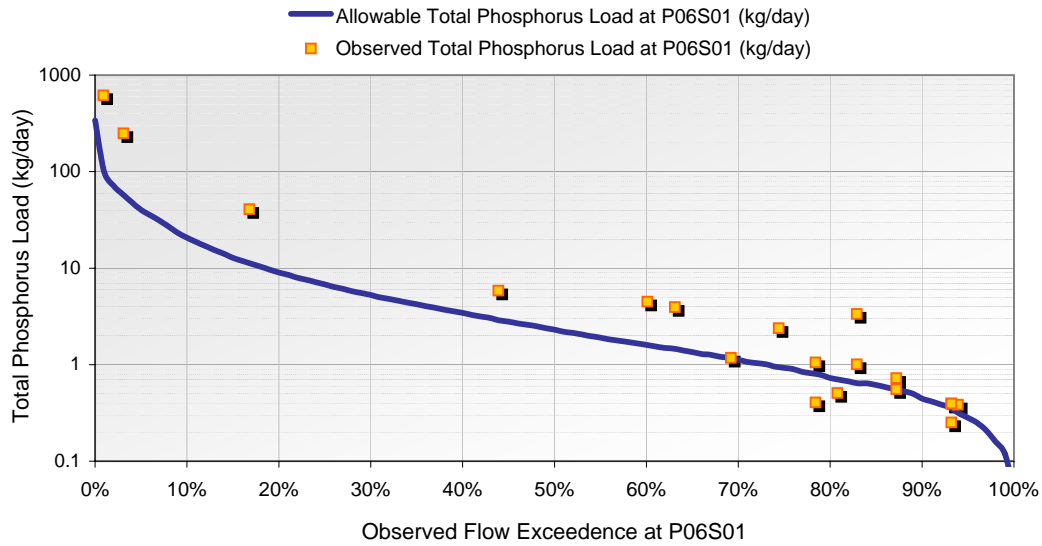
Flow Exceedance Ranges	6-Sample Distribution	Median Observed Flow (cfs)	Allowable Load (kg/day)	Observed Load (kg/day)	Estimated Reduction (%)
0-10	0	10.34	58	No Data	No Data
10-20	1	3.29	19	7	0.0%
20-30	0	1.74	10	No Data	No Data
30-40	0	1.08	6	No Data	No Data
40-50	0	0.71	4	No Data	No Data
50-60	1	0.48	3	2	0.0%
60-70	1	0.34	2	1	0.0%
70-80	0	0.23	1	No Data	No Data
80-90	3	0.15	1	0	0.0%
90-100	0	0.06	0	No Data	No Data

[6: Total Phosphorus at P06S01 (mg/L)] -vs- [2: Flow at P06S01 (cfs)]

1. Data Assessment and Trend Confirmation



2. Load Exceedance Analysis

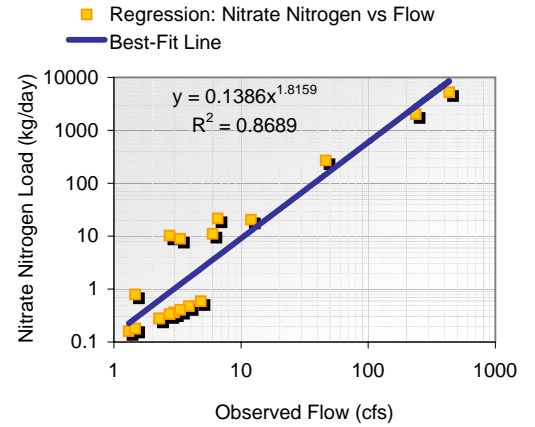
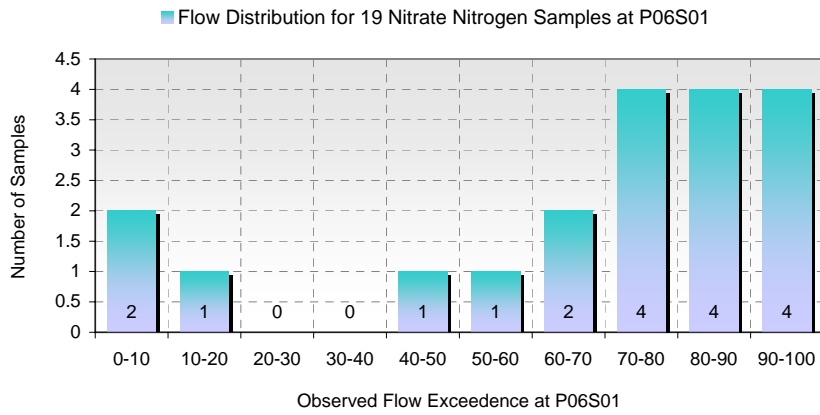


3. Estimated TMDL Loads by Flow Exceedance Range

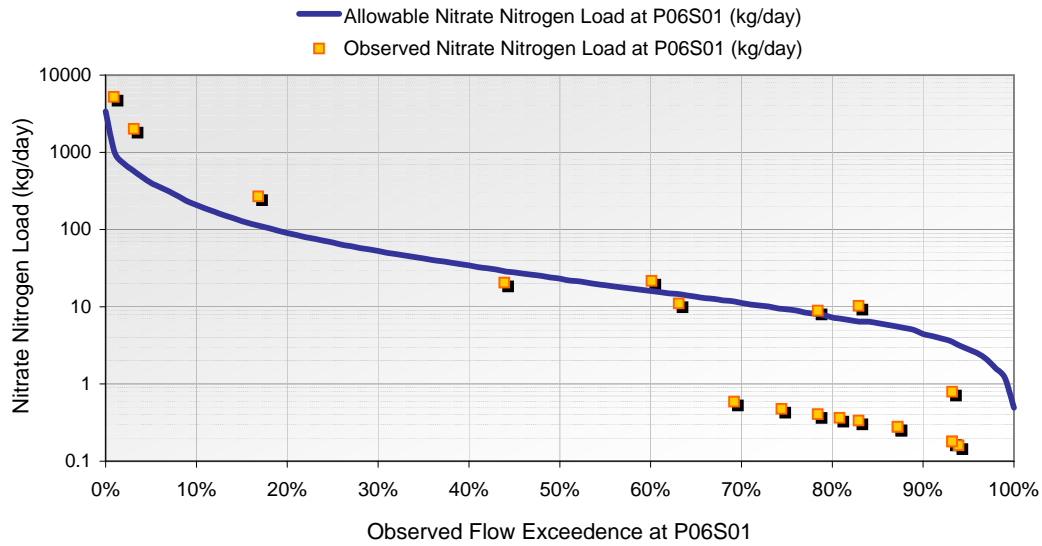
Flow Exceedance Ranges	19-Sample Distribution	Median Observed Flow (cfs)	Allowable Load (kg/day)	Observed Load (kg/day)	Estimated Reduction (%)
0-10	2	164.13	40	433	90.7%
10-20	1	52.38	13	41	68.6%
20-30	0	27.79	7	No Data	No Data
30-40	0	17.29	4	No Data	No Data
40-50	1	11.40	3	6	52.4%
50-60	1	7.77	2	4	57.6%
60-70	2	5.51	1	3	47.4%
70-80	4	3.78	1	1	0.0%
80-90	4	2.51	1	1	29.0%
90-100	4	1.15	0	0	28.0%

[8: Nitrate Nitrogen at P06S01 (mg/L)] -vs- [2: Flow at P06S01 (cfs)]

1. Data Assessment and Trend Confirmation



2. Load Exceedance Analysis

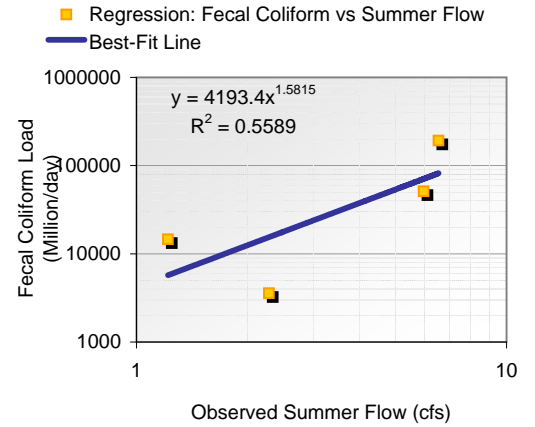
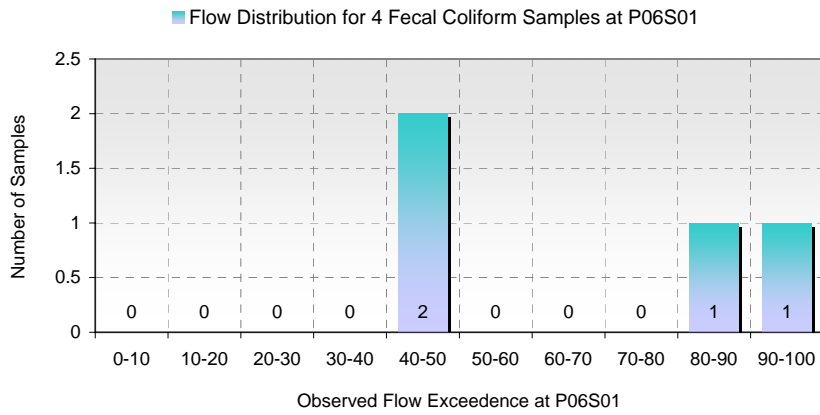


3. Estimated TMDL Loads by Flow Exceedance Range

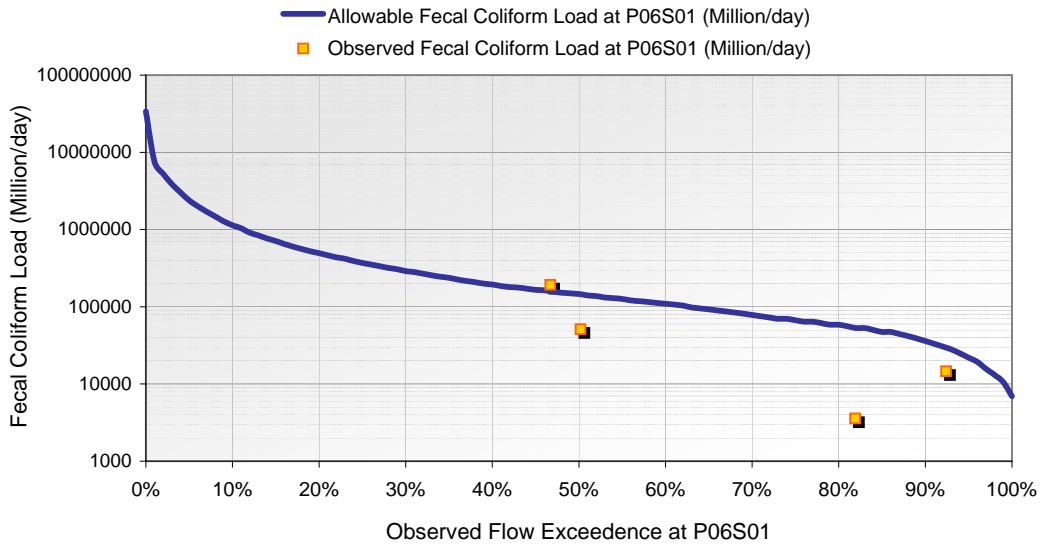
Flow Exceedance Ranges	19-Sample Distribution	Median Observed Flow (cfs)	Allowable Load (kg/day)	Observed Load (kg/day)	Estimated Reduction (%)
0-10	2	164.13	402	3,614	88.9%
10-20	1	52.38	128	269	52.3%
20-30	0	27.79	68	No Data	No Data
30-40	0	17.29	42	No Data	No Data
40-50	1	11.40	28	21	0.0%
50-60	1	7.77	19	22	12.1%
60-70	2	5.51	13	6	0.0%
70-80	4	3.78	9	0	0.0%
80-90	4	2.51	6	0	0.0%
90-100	4	1.15	3	0	0.0%

[7: Fecal Coliform at P06S01 (MPN/100mL)] -vs- [14: Summer Flow at P06S01 (cfs)]

1. Data Assessment and Trend Confirmation



2. Load Exceedance Analysis

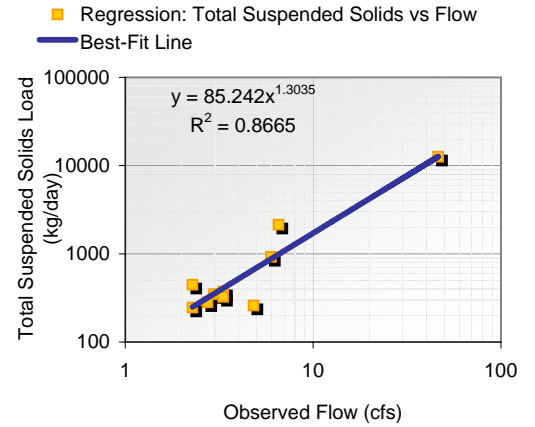
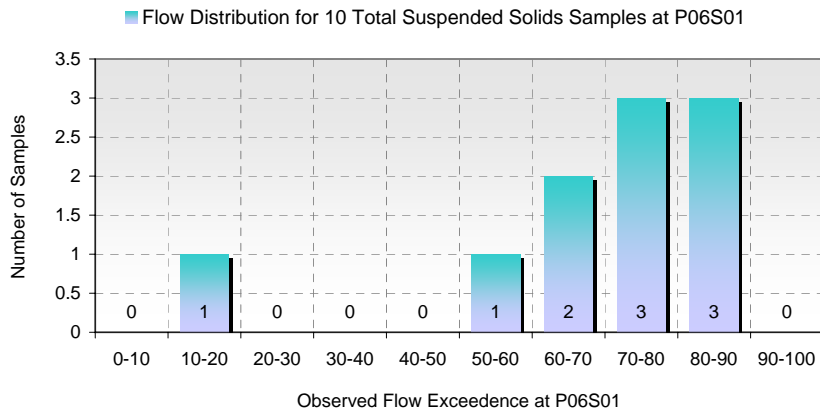


3. Estimated TMDL Loads by Flow Exceedance Range

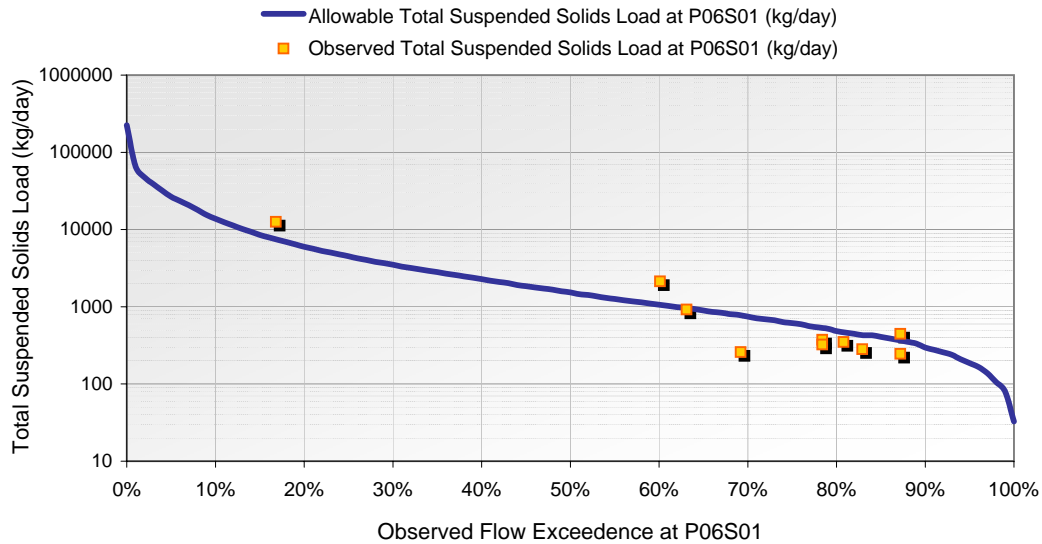
Flow Exceedance Ranges	4-Sample Distribution	Median Observed Summer Flow (cfs)	Allowable Load (Million/day)	Observed Load (Million/day)	Estimated Reduction (%)
0-10	0	97.66	2,389,314	No Data	No Data
10-20	0	29.02	709,902	No Data	No Data
20-30	0	15.09	369,274	No Data	No Data
30-40	0	9.67	236,525	No Data	No Data
40-50	2	6.78	165,914	121,734	0.0%
50-60	0	5.17	126,372	No Data	No Data
60-70	0	3.78	92,479	No Data	No Data
70-80	0	2.74	67,059	No Data	No Data
80-90	1	1.93	47,288	3,569	0.0%
90-100	1	0.89	21,868	14,590	0.0%

[9: Total Suspended Solids at P06S01 (mg/L)] -vs- [2: Flow at P06S01 (cfs)]

1. Data Assessment and Trend Confirmation



2. Load Exceedance Analysis

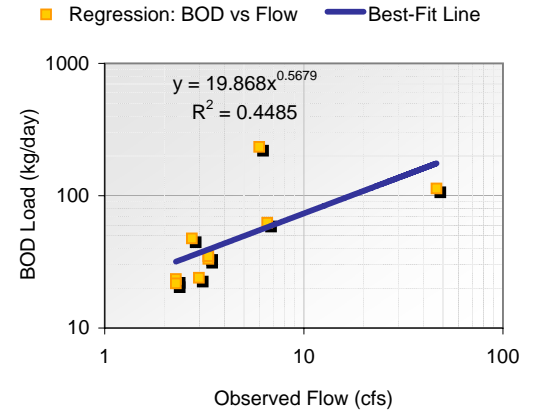
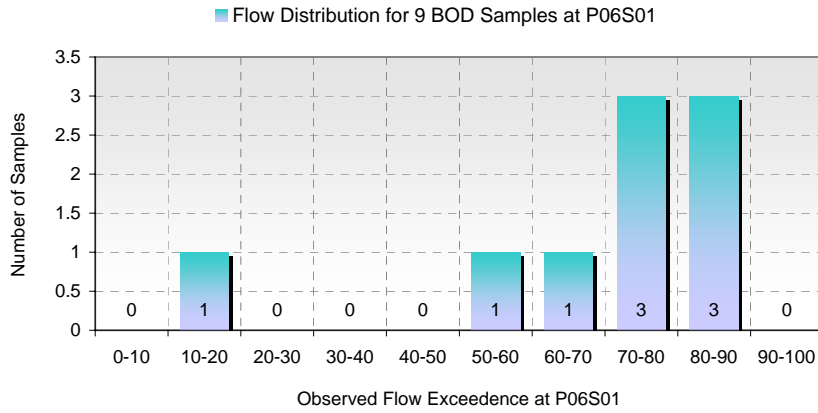


3. Estimated TMDL Loads by Flow Exceedance Range

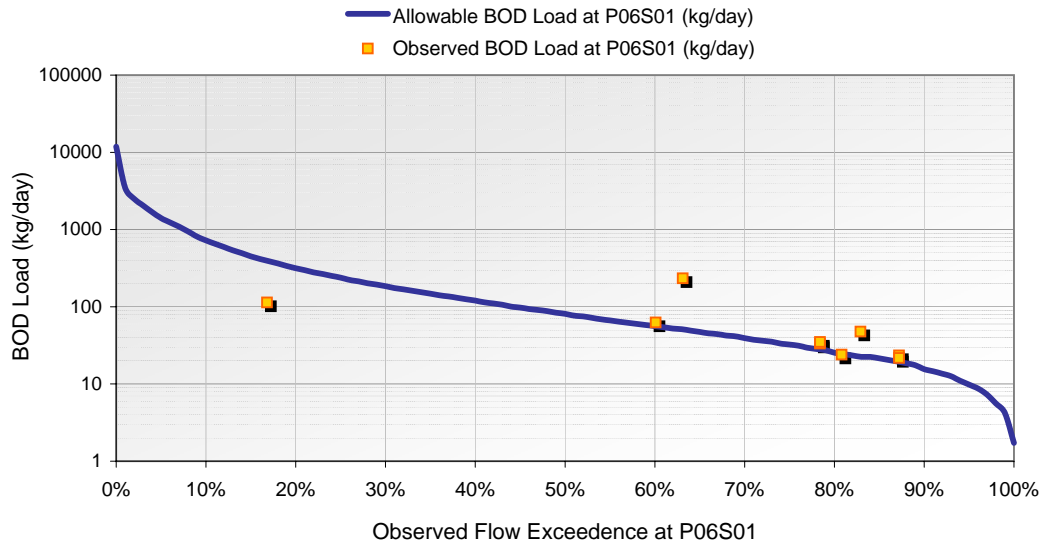
Flow Exceedance Ranges	10-Sample Distribution	Median Observed Flow (cfs)	Allowable Load (kg/day)	Observed Load (kg/day)	Estimated Reduction (%)
0-10	0	164.13	26,664	No Data	No Data
10-20	1	52.38	8,510	12,595	32.4%
20-30	0	27.79	4,515	No Data	No Data
30-40	0	17.29	2,808	No Data	No Data
40-50	0	11.40	1,852	No Data	No Data
50-60	1	7.77	1,263	2,132	40.7%
60-70	2	5.51	895	590	0.0%
70-80	3	3.78	614	349	0.0%
80-90	3	2.51	408	282	0.0%
90-100	0	1.15	186	No Data	No Data

[10: BOD at P06S01 (mg/L)] -vs- [2: Flow at P06S01 (cfs)]

1. Data Assessment and Trend Confirmation



2. Load Exceedence Analysis

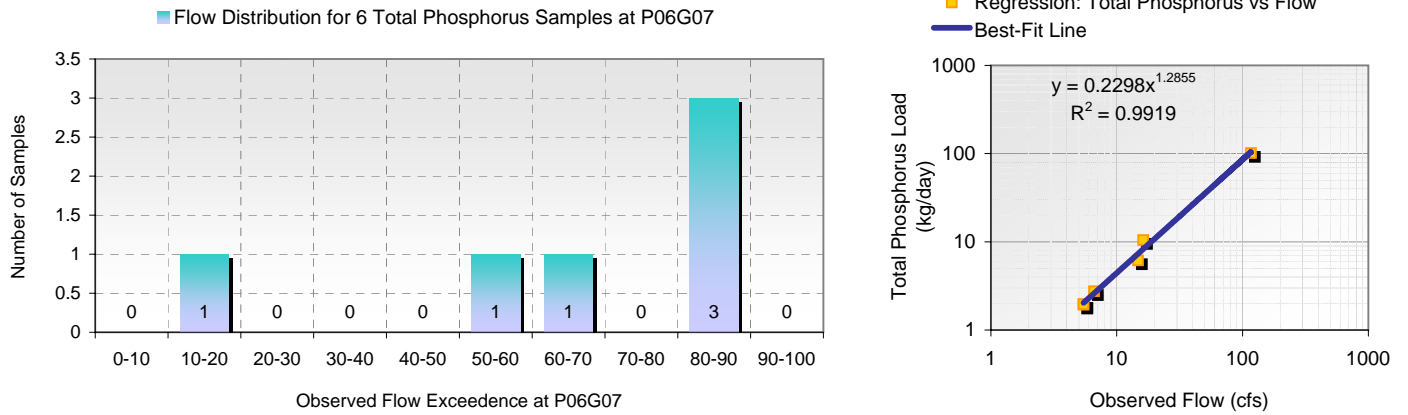


3. Estimated TMDL Loads by Flow Exceedence Range

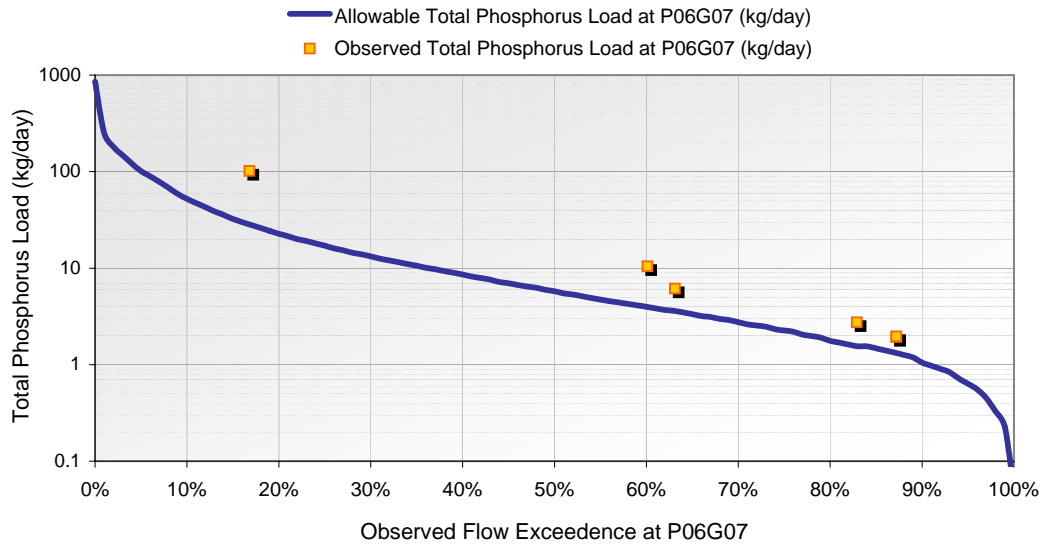
Flow Exceedence Ranges	9-Sample Distribution	Median Observed Flow (cfs)	Allowable Load (kg/day)	Observed Load (kg/day)	Estimated Reduction (%)
0-10	0	164.13	1,405	No Data	No Data
10-20	1	52.38	449	113	0.0%
20-30	0	27.79	238	No Data	No Data
30-40	0	17.29	148	No Data	No Data
40-50	0	11.40	98	No Data	No Data
50-60	1	7.77	67	63	0.0%
60-70	1	5.51	47	234	79.8%
70-80	3	3.78	32	33	2.8%
80-90	3	2.51	21	23	8.2%
90-100	0	1.15	10	No Data	No Data

[1: Total Phosphorus at P06G07 (mg/L)] -vs- [1: Flow at P06G07 (cfs)]

1. Data Assessment and Trend Confirmation



2. Load Exceedance Analysis

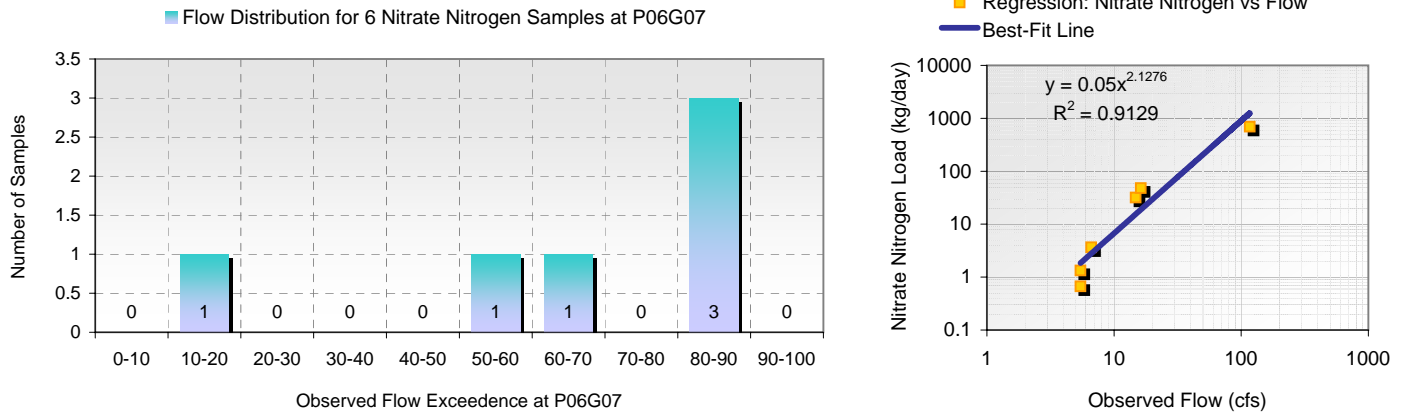


3. Estimated TMDL Loads by Flow Exceedance Range

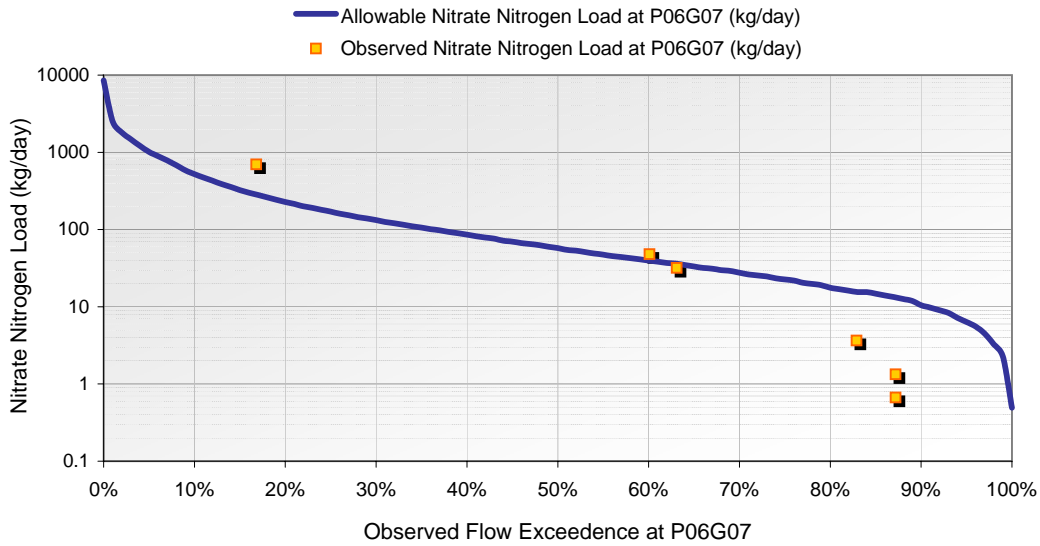
Flow Exceedance Ranges	6-Sample Distribution	Median Observed Flow (cfs)	Allowable Load (kg/day)	Observed Load (kg/day)	Estimated Reduction (%)
0-10	0	414.31	101	No Data	No Data
10-20	1	132.02	32	101	68.2%
20-30	0	69.90	17	No Data	No Data
30-40	0	43.36	11	No Data	No Data
40-50	0	28.49	7	No Data	No Data
50-60	1	19.33	5	10	54.7%
60-70	1	13.62	3	6	45.8%
70-80	0	9.24	2	No Data	No Data
80-90	3	6.03	1	2	24.9%
90-100	0	2.59	1	No Data	No Data

[3: Nitrate Nitrogen at P06G07 (mg/L)] -vs- [1: Flow at P06G07 (cfs)]

1. Data Assessment and Trend Confirmation



2. Load Exceedence Analysis

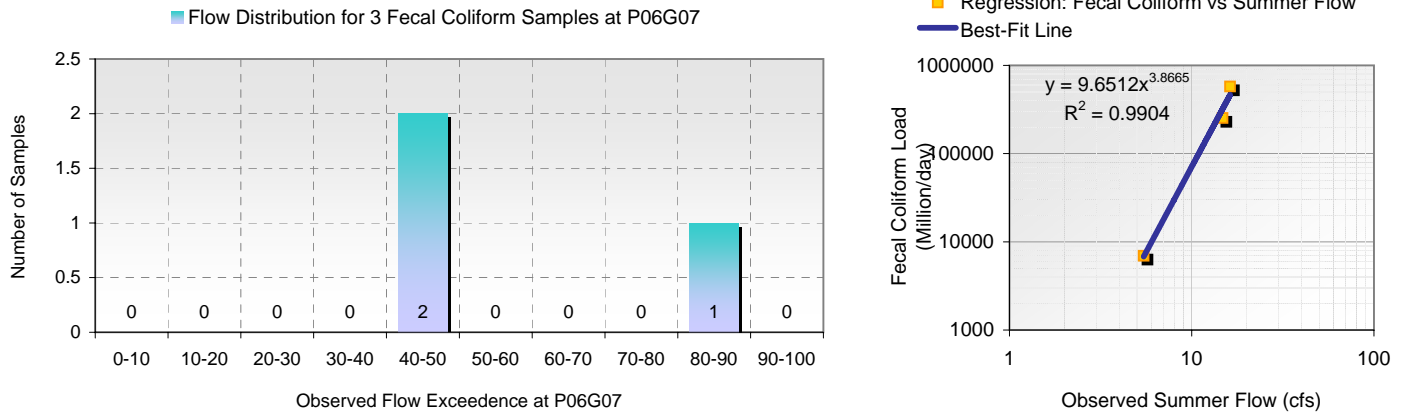


3. Estimated TMDL Loads by Flow Exceedence Range

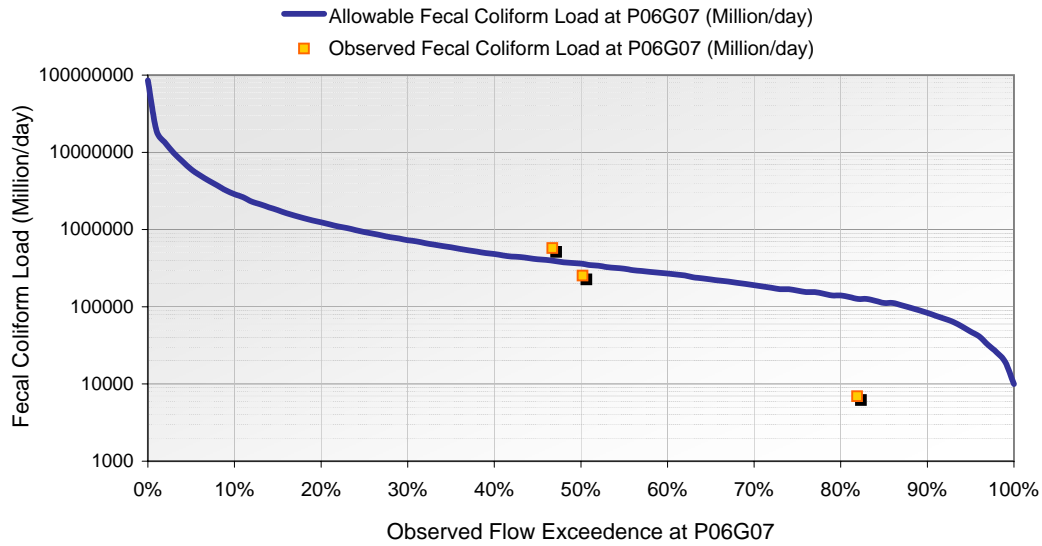
Flow Exceedence Ranges	6-Sample Distribution	Median Observed Flow (cfs)	Allowable Load (kg/day)	Observed Load (kg/day)	Estimated Reduction (%)
0-10	0	414.31	1,014	No Data	No Data
10-20	1	132.02	323	698	53.7%
20-30	0	69.90	171	No Data	No Data
30-40	0	43.36	106	No Data	No Data
40-50	0	28.49	70	No Data	No Data
50-60	1	19.33	47	48	1.6%
60-70	1	13.62	33	32	0.0%
70-80	0	9.24	23	No Data	No Data
80-90	3	6.03	15	1	0.0%
90-100	0	2.59	6	No Data	No Data

[2: Fecal Coliform at P06G07 (MPN/100mL)] -vs- [13: Summer Flow at P06G07 (cfs)]

1. Data Assessment and Trend Confirmation



2. Load Exceedance Analysis

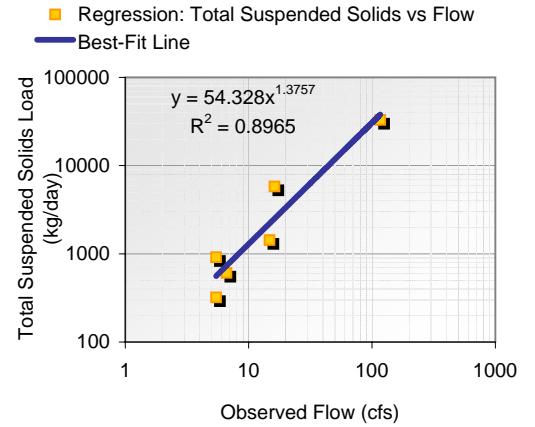
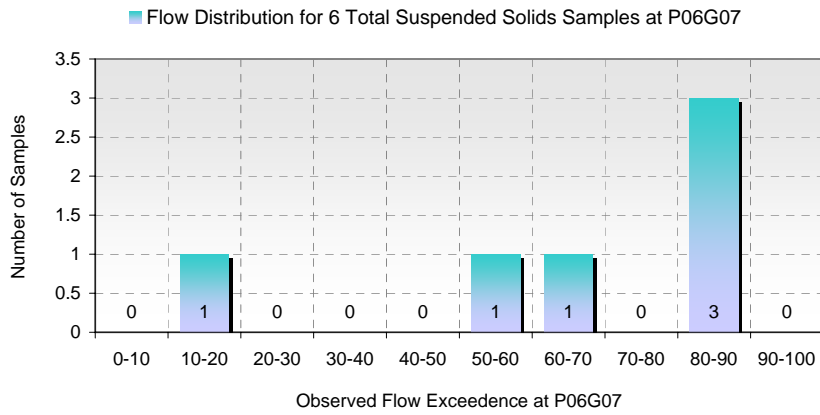


3. Estimated TMDL Loads by Flow Exceedance Range

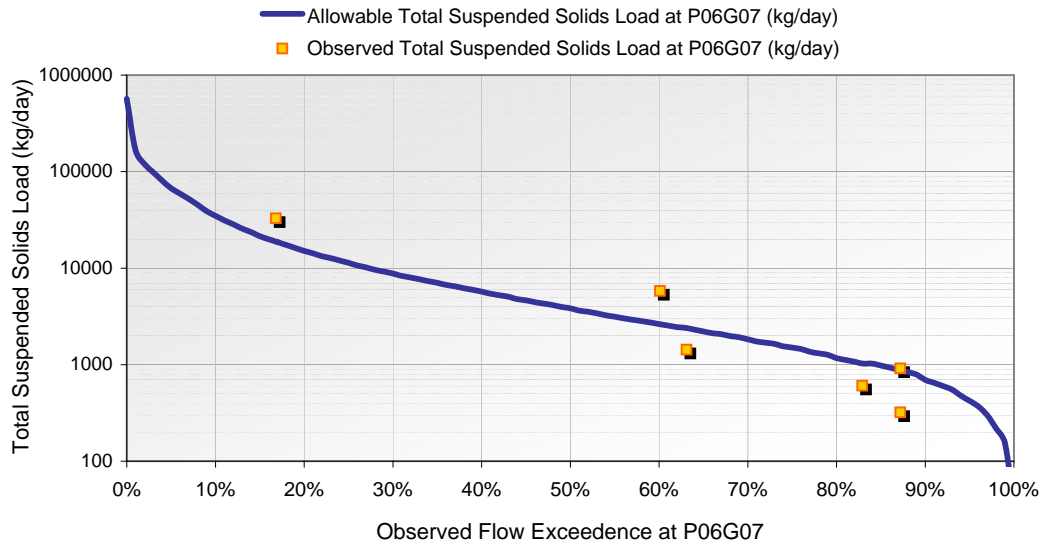
Flow Exceedance Ranges	3-Sample Distribution	Median Observed Summer Flow (cfs)	Allowable Load (Million/day)	Observed Load (Million/day)	Estimated Reduction (%)
0-10	0	246.39	6,028,220	No Data	No Data
10-20	0	72.99	1,785,797	No Data	No Data
20-30	0	37.82	925,326	No Data	No Data
30-40	0	24.11	589,984	No Data	No Data
40-50	2	16.82	411,611	414,656	0.7%
50-60	0	12.74	311,723	No Data	No Data
60-70	0	9.24	226,104	No Data	No Data
70-80	0	6.62	161,889	No Data	No Data
80-90	1	4.58	111,945	6,934	0.0%
90-100	0	1.95	47,731	No Data	No Data

[4: Total Suspended Solids at P06G07 (mg/L)] -vs- [1: Flow at P06G07 (cfs)]

1. Data Assessment and Trend Confirmation



2. Load Exceedance Analysis

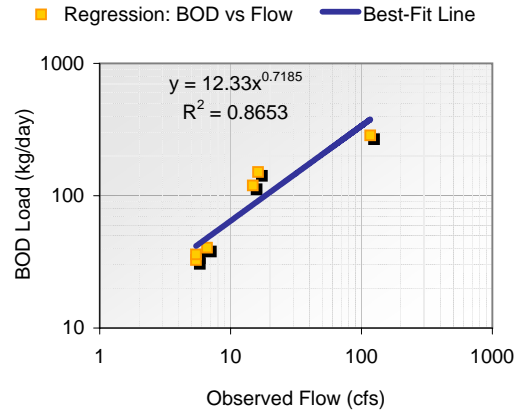
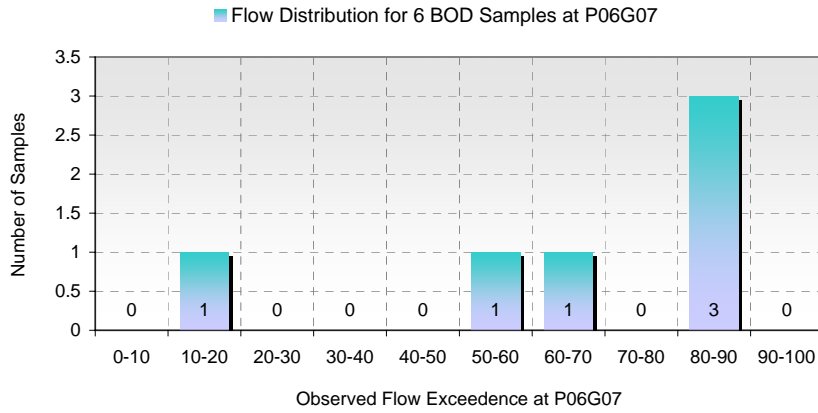


3. Estimated TMDL Loads by Flow Exceedance Range

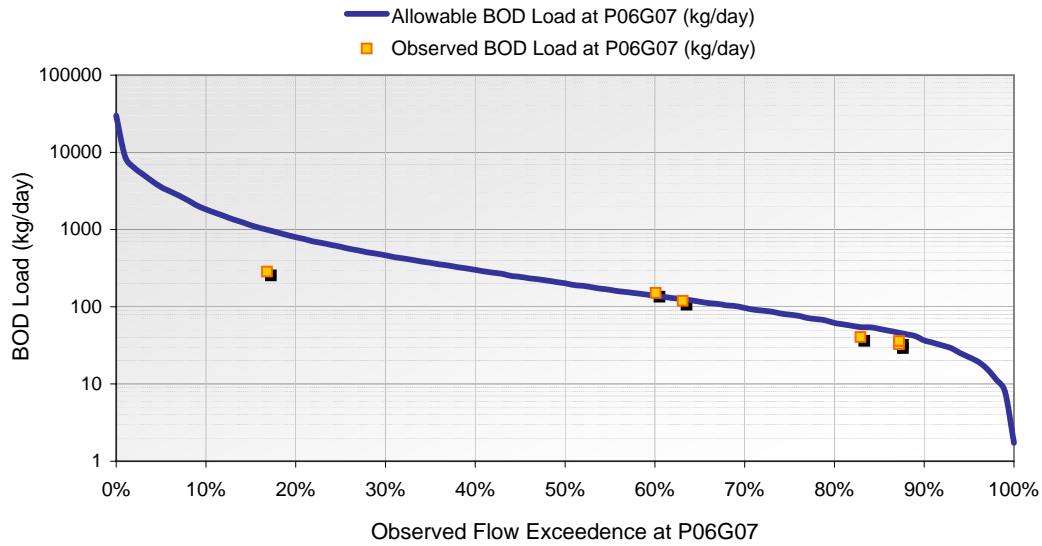
Flow Exceedance Ranges	6-Sample Distribution	Median Observed Flow (cfs)	Allowable Load (kg/day)	Observed Load (kg/day)	Estimated Reduction (%)
0-10	0	414.31	67,306	No Data	No Data
10-20	1	132.02	21,447	32,877	34.8%
20-30	0	69.90	11,356	No Data	No Data
30-40	0	43.36	7,044	No Data	No Data
40-50	0	28.49	4,628	No Data	No Data
50-60	1	19.33	3,141	5,801	45.9%
60-70	1	13.62	2,212	1,429	0.0%
70-80	0	9.24	1,501	No Data	No Data
80-90	3	6.03	980	607	0.0%
90-100	0	2.59	421	No Data	No Data

[5: BOD at P06G07 (mg/L)] -vs- [1: Flow at P06G07 (cfs)]

1. Data Assessment and Trend Confirmation



2. Load Exceedence Analysis

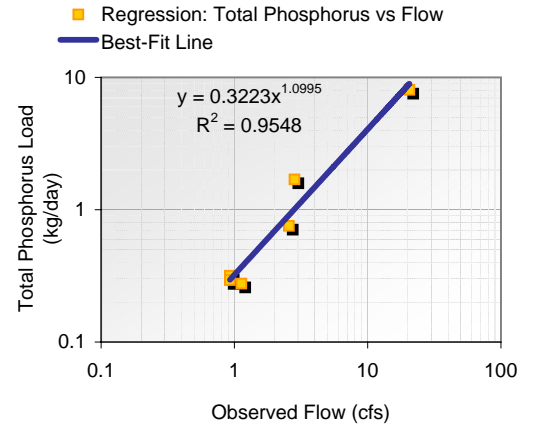
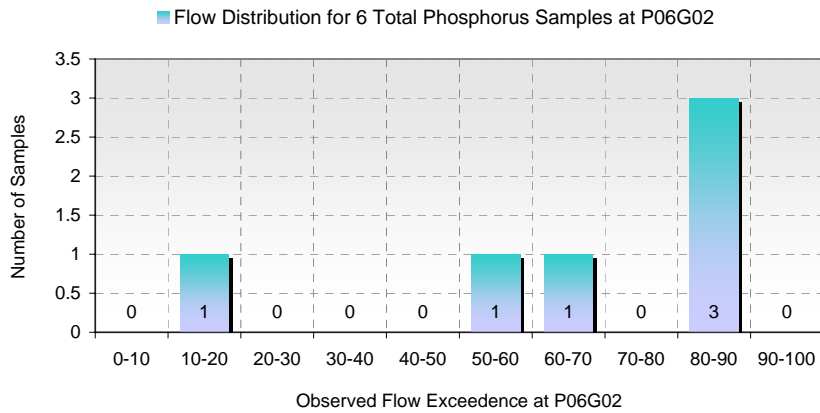


3. Estimated TMDL Loads by Flow Exceedence Range

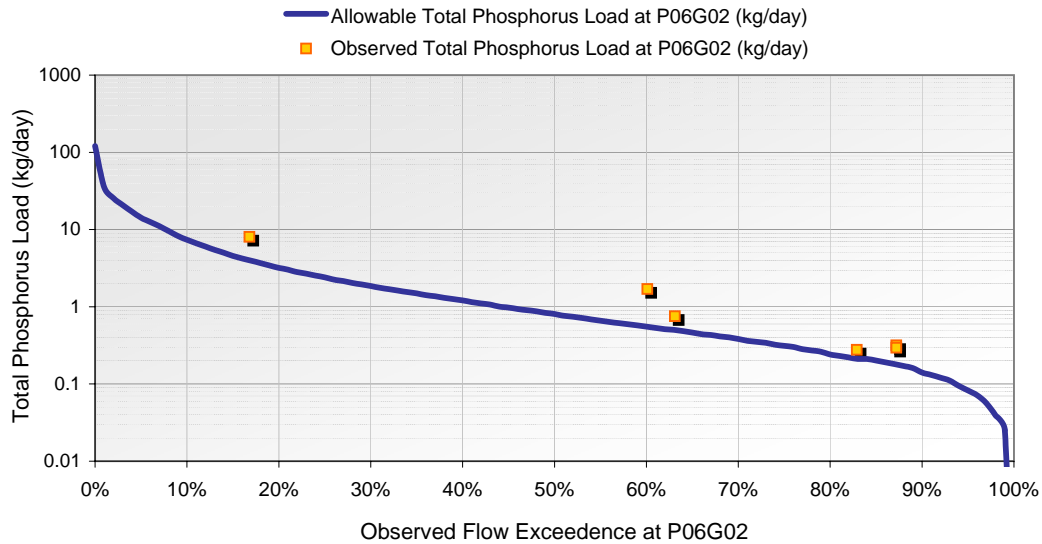
Flow Exceedence Ranges	6-Sample Distribution	Median Observed Flow (cfs)	Allowable Load (kg/day)	Observed Load (kg/day)	Estimated Reduction (%)
0-10	0	414.31	3,548	No Data	No Data
10-20	1	132.02	1,130	286	0.0%
20-30	0	69.90	599	No Data	No Data
30-40	0	43.36	371	No Data	No Data
40-50	0	28.49	244	No Data	No Data
50-60	1	19.33	166	151	0.0%
60-70	1	13.62	117	119	2.3%
70-80	0	9.24	79	No Data	No Data
80-90	3	6.03	52	36	0.0%
90-100	0	2.59	22	No Data	No Data

[31: Total Phosphorus at P06G02 (mg/L)] -vs- [7: Flow at P06G02 (cfs)]

1. Data Assessment and Trend Confirmation



2. Load Exceedence Analysis

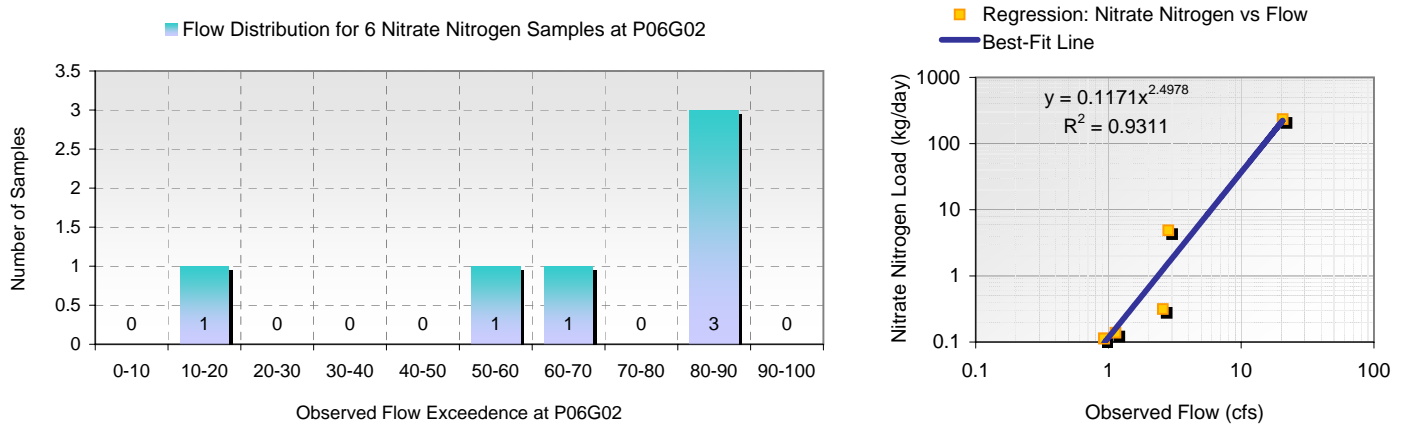


3. Estimated TMDL Loads by Flow Exceedence Range

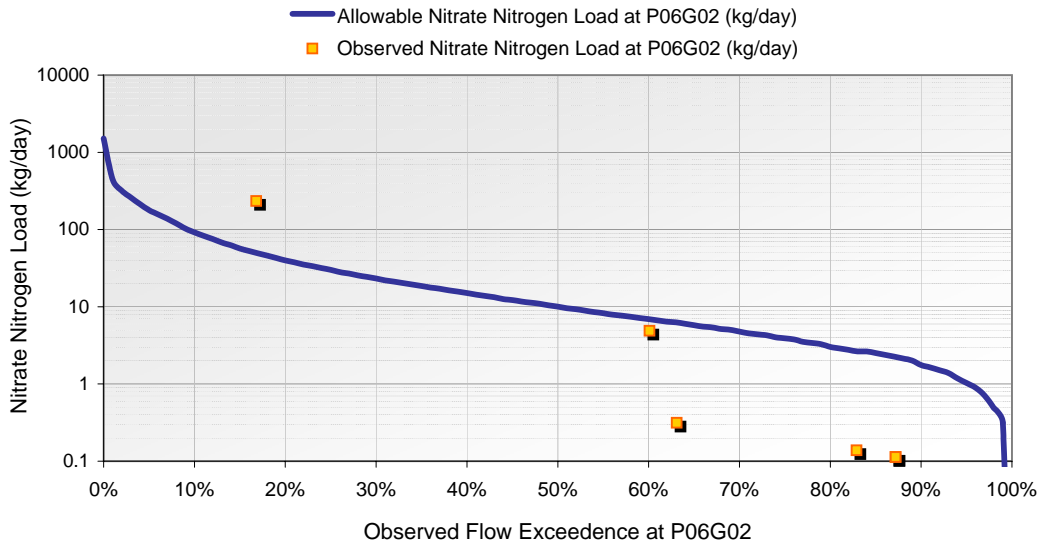
Flow Exceedence Ranges	6-Sample Distribution	Median Observed Flow (cfs)	Allowable Load (kg/day)	Observed Load (kg/day)	Estimated Reduction (%)
0-10	0	72.96	14	No Data	No Data
10-20	1	23.22	5	8	43.5%
20-30	0	12.28	2	No Data	No Data
30-40	0	7.60	1	No Data	No Data
40-50	0	4.98	1	No Data	No Data
50-60	1	3.37	1	2	61.1%
60-70	1	2.36	0	1	38.7%
70-80	0	1.59	0	No Data	No Data
80-90	3	1.03	0	0	31.6%
90-100	0	0.42	0	No Data	No Data

[33: Nitrate Nitrogen at P06G02 (mg/L)] -vs- [7: Flow at P06G02 (cfs)]

1. Data Assessment and Trend Confirmation



2. Load Exceedance Analysis

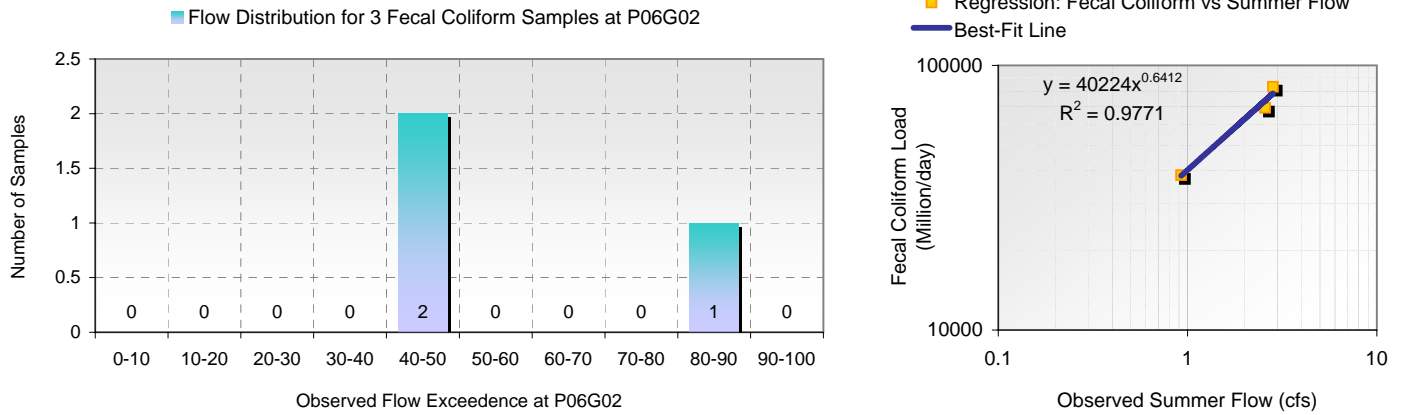


3. Estimated TMDL Loads by Flow Exceedance Range

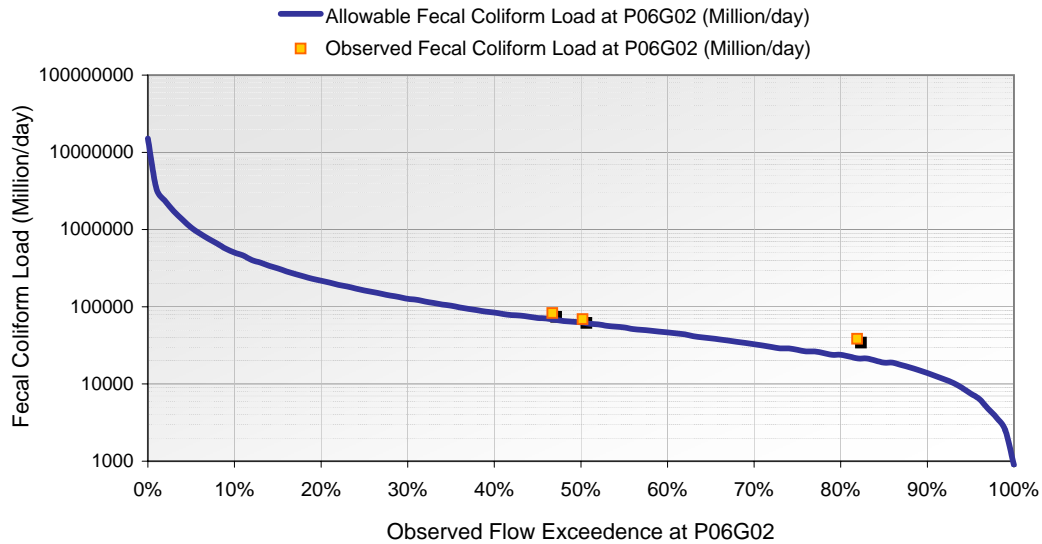
Flow Exceedance Ranges	6-Sample Distribution	Median Observed Flow (cfs)	Allowable Load (kg/day)	Observed Load (kg/day)	Estimated Reduction (%)
0-10	0	72.96	178	No Data	No Data
10-20	1	23.22	57	234	75.8%
20-30	0	12.28	30	No Data	No Data
30-40	0	7.60	19	No Data	No Data
40-50	0	4.98	12	No Data	No Data
50-60	1	3.37	8	5	0.0%
60-70	1	2.36	6	0	0.0%
70-80	0	1.59	4	No Data	No Data
80-90	3	1.03	3	0	0.0%
90-100	0	0.42	1	No Data	No Data

[32: Fecal Coliform at P06G02 (MPN/100mL)] -vs- [19: Summer Flow at P06G02 (cfs)]

1. Data Assessment and Trend Confirmation



2. Load Exceedance Analysis

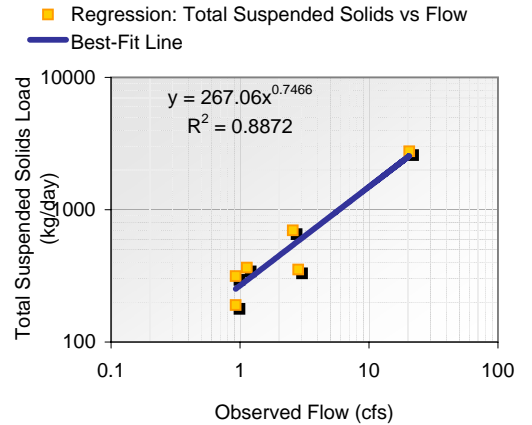
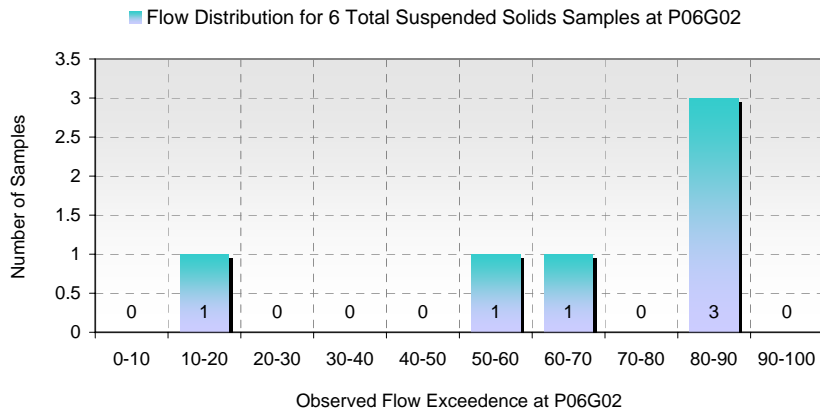


3. Estimated TMDL Loads by Flow Exceedance Range

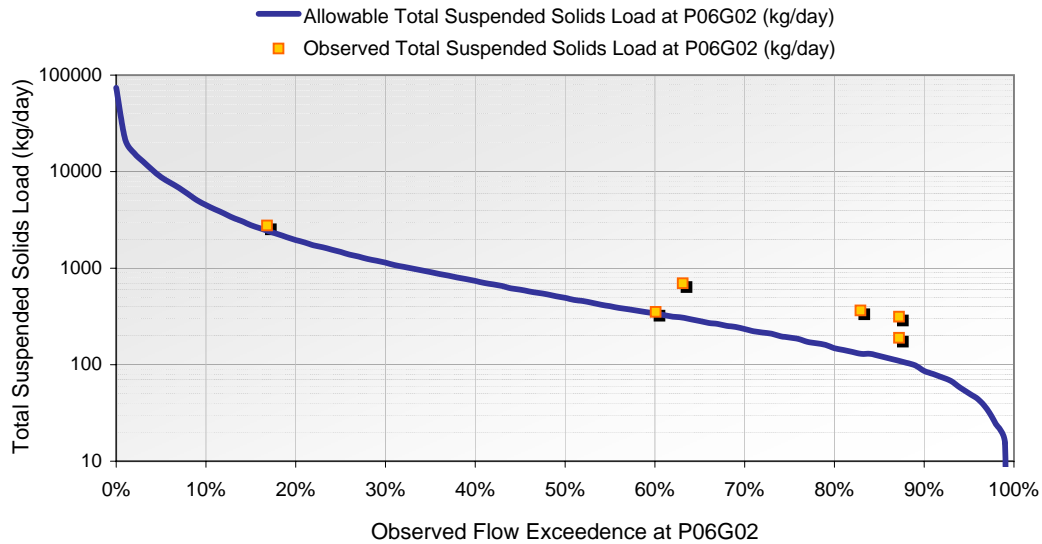
Flow Exceedance Ranges	3-Sample Distribution	Median Observed Summer Flow (cfs)	Allowable Load (Million/day)	Observed Load (Million/day)	Estimated Reduction (%)
0-10	0	43.37	1,061,174	No Data	No Data
10-20	0	12.82	313,751	No Data	No Data
20-30	0	6.63	162,155	No Data	No Data
30-40	0	4.21	103,075	No Data	No Data
40-50	2	2.93	71,650	76,050	5.8%
50-60	0	2.21	54,052	No Data	No Data
60-70	0	1.59	38,968	No Data	No Data
70-80	0	1.13	27,654	No Data	No Data
80-90	1	0.77	18,855	38,465	51.0%
90-100	0	0.31	7,542	No Data	No Data

[34: Total Suspended Solids at P06G02 (mg/L)] -vs- [7: Flow at P06G02 (cfs)]

1. Data Assessment and Trend Confirmation



2. Load Exceedance Analysis

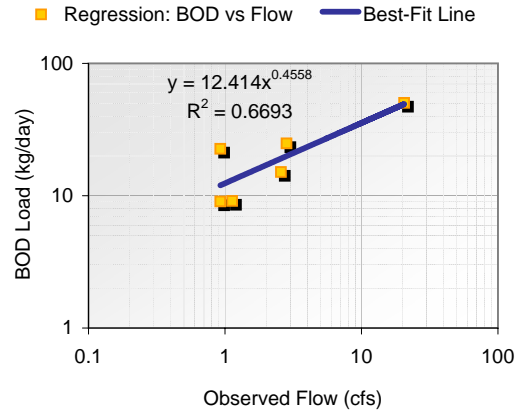
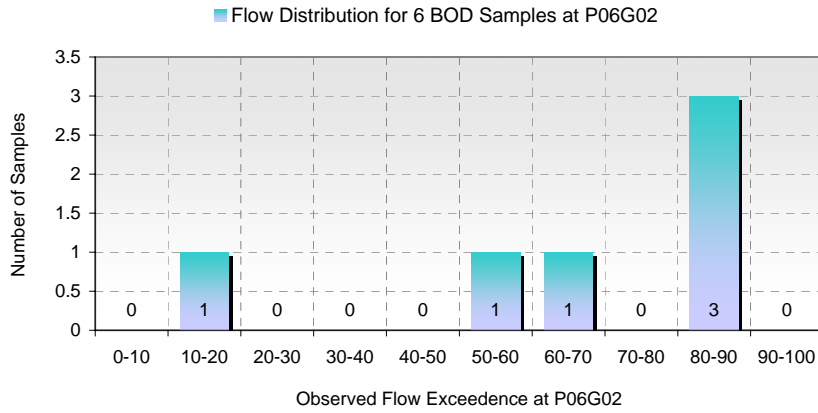


3. Estimated TMDL Loads by Flow Exceedance Range

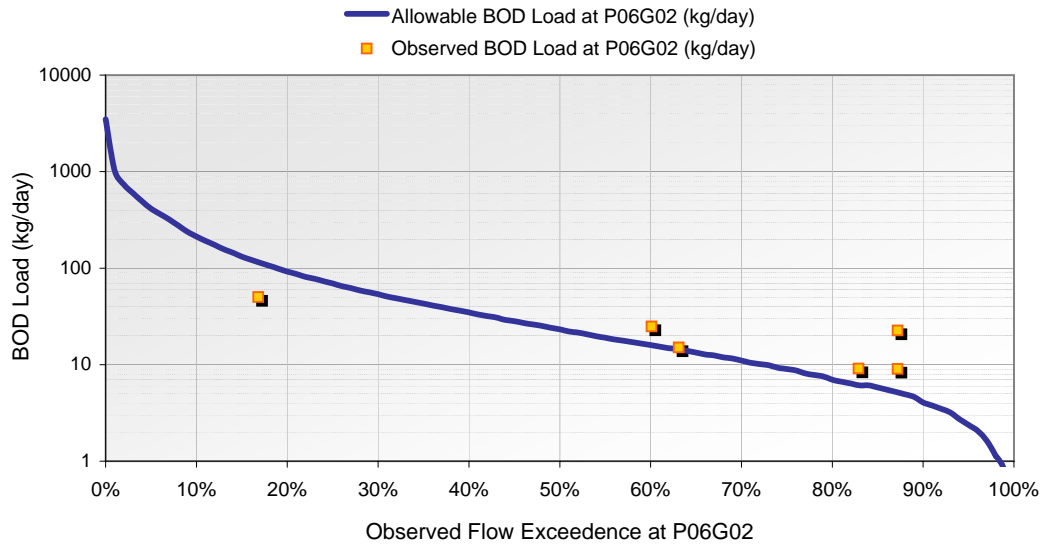
Flow Exceedance Ranges	6-Sample Distribution	Median Observed Flow (cfs)	Allowable Load (kg/day)	Observed Load (kg/day)	Estimated Reduction (%)
0-10	0	72.96	8,746	No Data	No Data
10-20	1	23.22	2,784	2,765	0.0%
20-30	0	12.28	1,472	No Data	No Data
30-40	0	7.60	912	No Data	No Data
40-50	0	4.98	597	No Data	No Data
50-60	1	3.37	404	353	0.0%
60-70	1	2.36	283	698	59.4%
70-80	0	1.59	191	No Data	No Data
80-90	3	1.03	123	315	60.8%
90-100	0	0.42	51	No Data	No Data

[35: BOD at P06G02 (mg/L)] -vs- [7: Flow at P06G02 (cfs)]

1. Data Assessment and Trend Confirmation



2. Load Exceedance Analysis

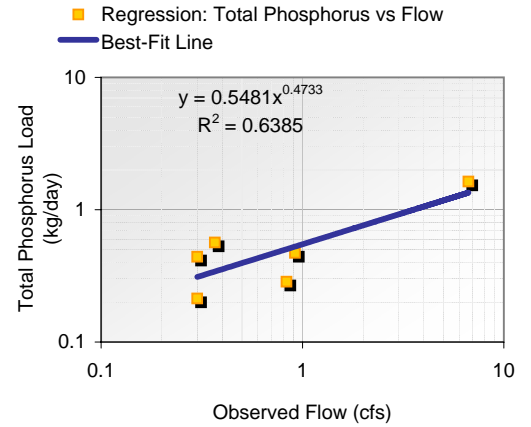
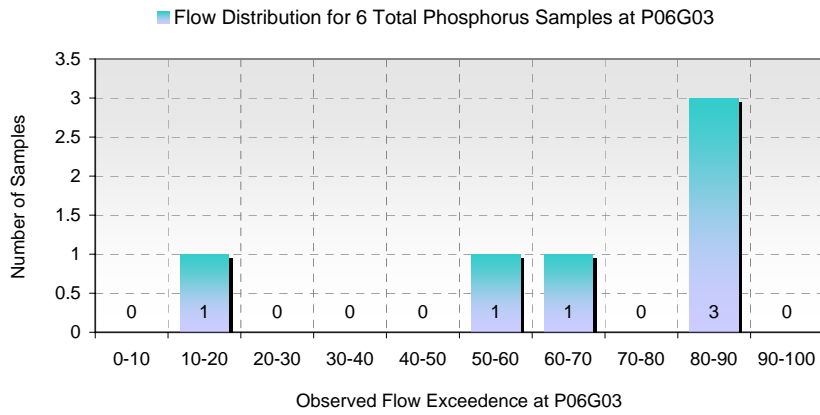


3. Estimated TMDL Loads by Flow Exceedance Range

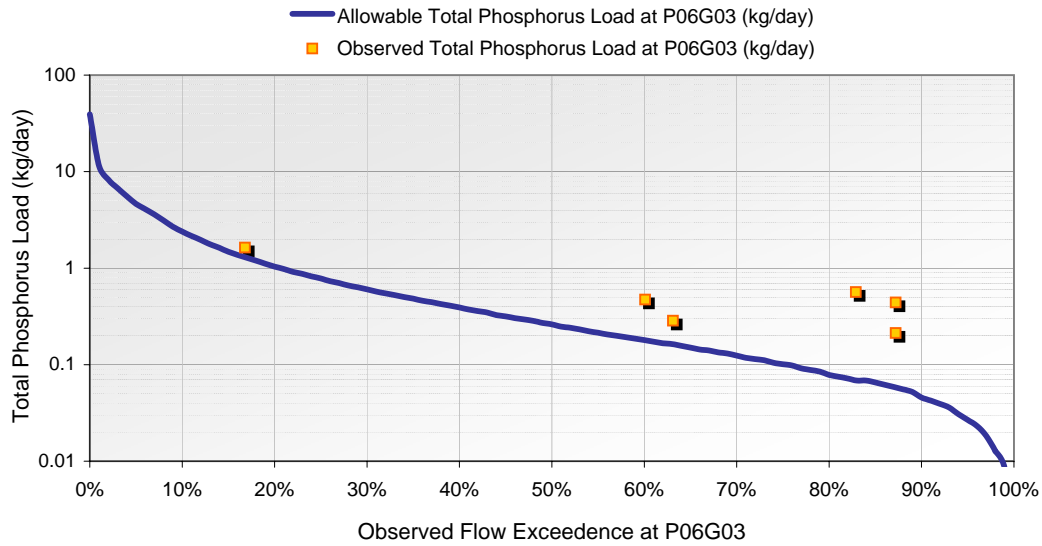
Flow Exceedance Ranges	6-Sample Distribution	Median Observed Flow (cfs)	Allowable Load (kg/day)	Observed Load (kg/day)	Estimated Reduction (%)
0-10	0	72.96	412	No Data	No Data
10-20	1	23.22	131	50	0.0%
20-30	0	12.28	69	No Data	No Data
30-40	0	7.60	43	No Data	No Data
40-50	0	4.98	28	No Data	No Data
50-60	1	3.37	19	25	23.5%
60-70	1	2.36	13	15	11.5%
70-80	0	1.59	9	No Data	No Data
80-90	3	1.03	6	9	36.4%
90-100	0	0.42	2	No Data	No Data

[26: Total Phosphorus at P06G03 (mg/L)] -vs- [6: Flow at P06G03 (cfs)]

1. Data Assessment and Trend Confirmation



2. Load Exceedance Analysis

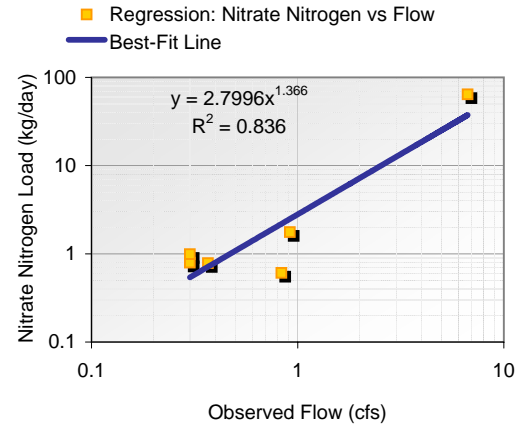
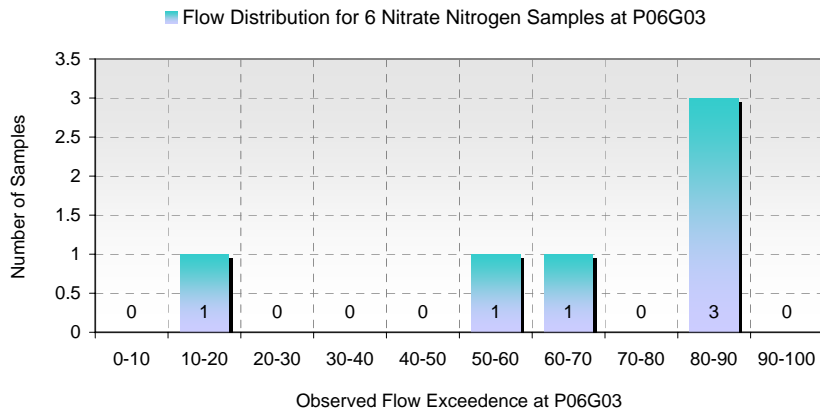


3. Estimated TMDL Loads by Flow Exceedance Range

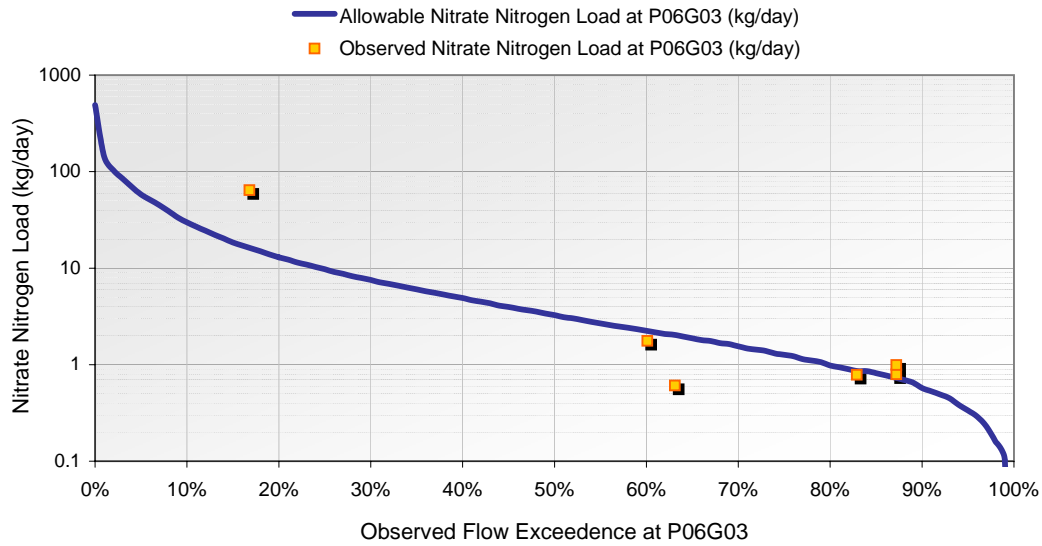
Flow Exceedance Ranges	6-Sample Distribution	Median Observed Flow (cfs)	Allowable Load (kg/day)	Observed Load (kg/day)	Estimated Reduction (%)
0-10	0	23.69	5	No Data	No Data
10-20	1	7.54	1	2	9.6%
20-30	0	3.99	1	No Data	No Data
30-40	0	2.47	0	No Data	No Data
40-50	0	1.62	0	No Data	No Data
50-60	1	1.09	0	0	54.6%
60-70	1	0.77	0	0	47.4%
70-80	0	0.52	0	No Data	No Data
80-90	3	0.33	0	0	85.2%
90-100	0	0.14	0	No Data	No Data

[28: Nitrate Nitrogen at P06G03 (mg/L)] -vs- [6: Flow at P06G03 (cfs)]

1. Data Assessment and Trend Confirmation



2. Load Exceedance Analysis

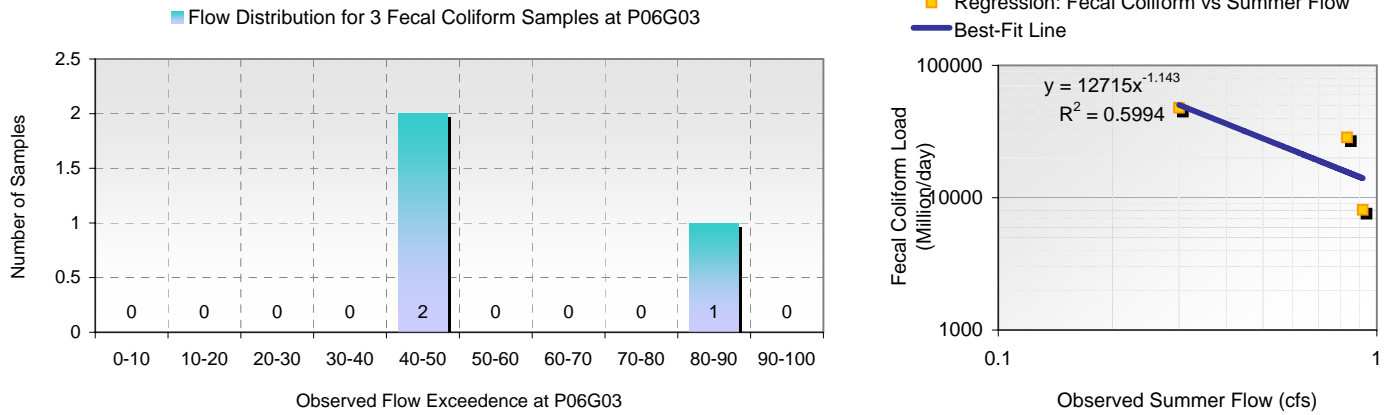


3. Estimated TMDL Loads by Flow Exceedance Range

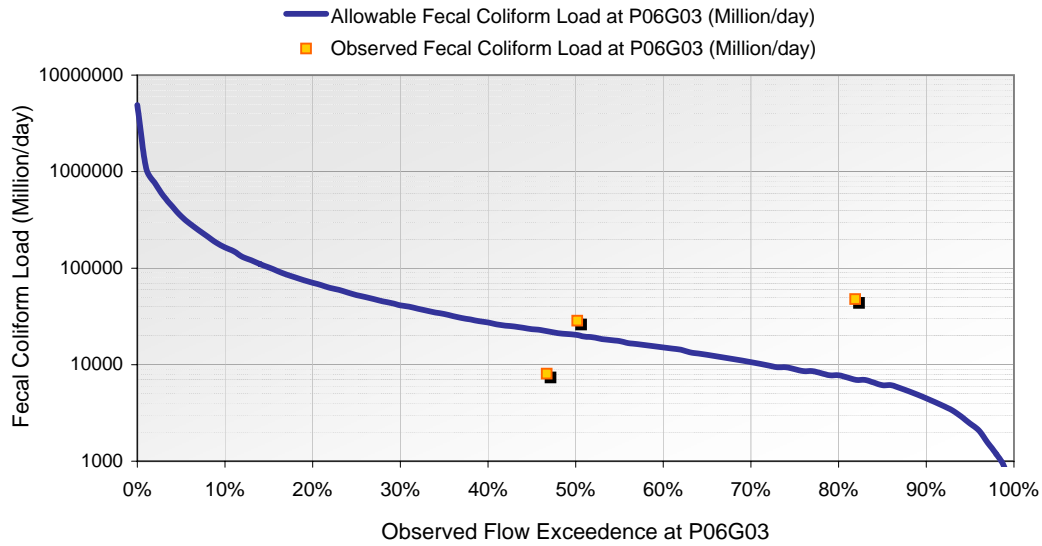
Flow Exceedance Ranges	6-Sample Distribution	Median Observed Flow (cfs)	Allowable Load (kg/day)	Observed Load (kg/day)	Estimated Reduction (%)
0-10	0	23.69	58	No Data	No Data
10-20	1	7.54	18	64	71.2%
20-30	0	3.99	10	No Data	No Data
30-40	0	2.47	6	No Data	No Data
40-50	0	1.62	4	No Data	No Data
50-60	1	1.09	3	2	0.0%
60-70	1	0.77	2	1	0.0%
70-80	0	0.52	1	No Data	No Data
80-90	3	0.33	1	1	0.0%
90-100	0	0.14	0	No Data	No Data

[27: Fecal Coliform at P06G03 (MPN/100mL)] -vs- [18: Summer Flow at P06G03 (cfs)]

1. Data Assessment and Trend Confirmation



2. Load Exceedence Analysis

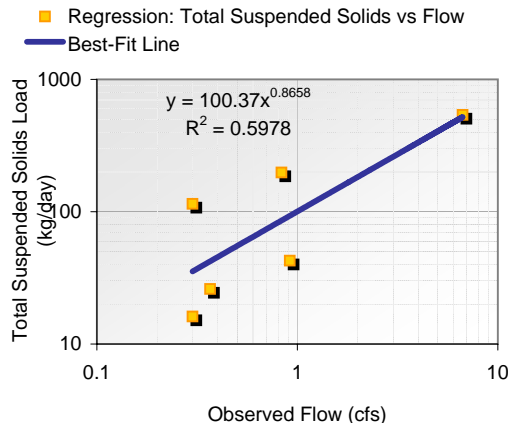
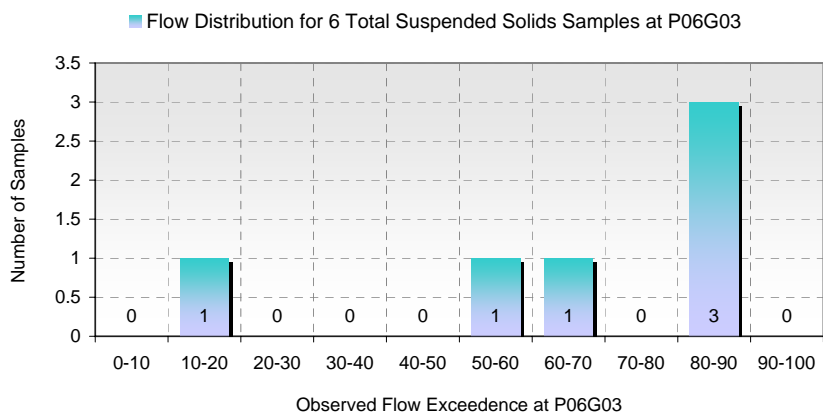


3. Estimated TMDL Loads by Flow Exceedence Range

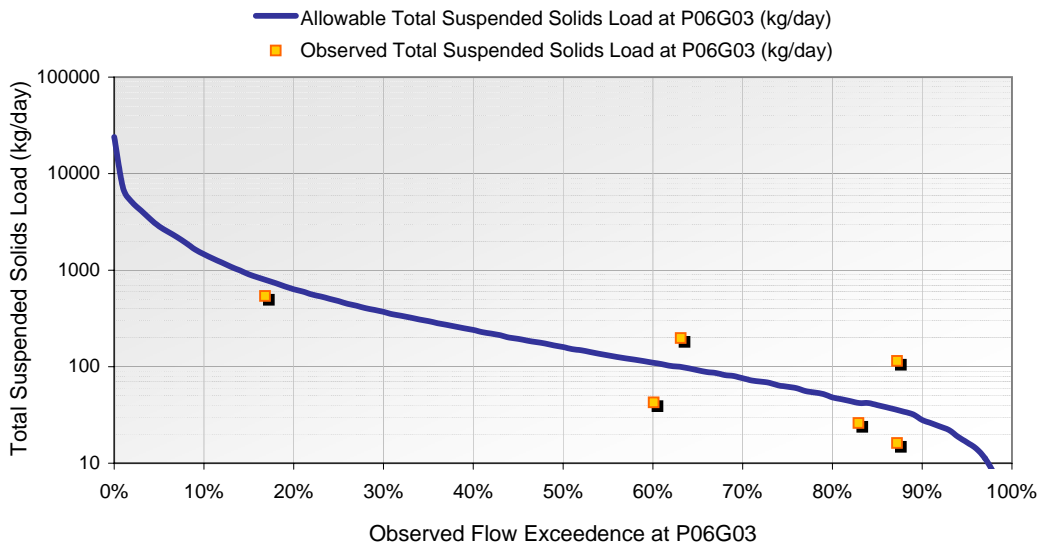
Flow Exceedence Ranges	3-Sample Distribution	Median Observed Summer Flow (cfs)	Allowable Load (Million/day)	Observed Load (Million/day)	Estimated Reduction (%)
0-10	0	14.09	344,616	No Data	No Data
10-20	0	4.16	101,891	No Data	No Data
20-30	0	2.15	52,660	No Data	No Data
30-40	0	1.37	33,474	No Data	No Data
40-50	2	0.95	23,268	18,329	0.0%
50-60	0	0.72	17,553	No Data	No Data
60-70	0	0.52	12,655	No Data	No Data
70-80	0	0.37	8,981	No Data	No Data
80-90	1	0.25	6,123	47,761	87.2%
90-100	0	0.10	2,449	No Data	No Data

[29: Total Suspended Solids at P06G03 (mg/L)] -vs- [6: Flow at P06G03 (cfs)]

1. Data Assessment and Trend Confirmation



2. Load Exceedance Analysis

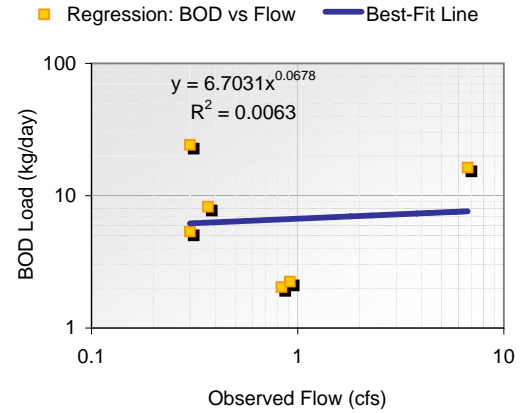
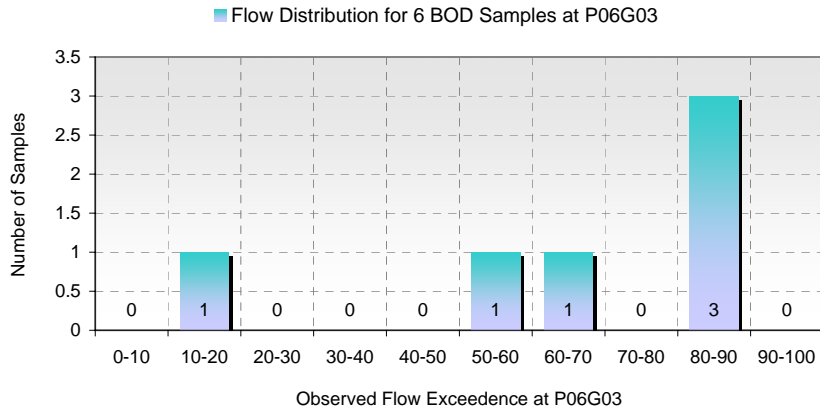


3. Estimated TMDL Loads by Flow Exceedance Range

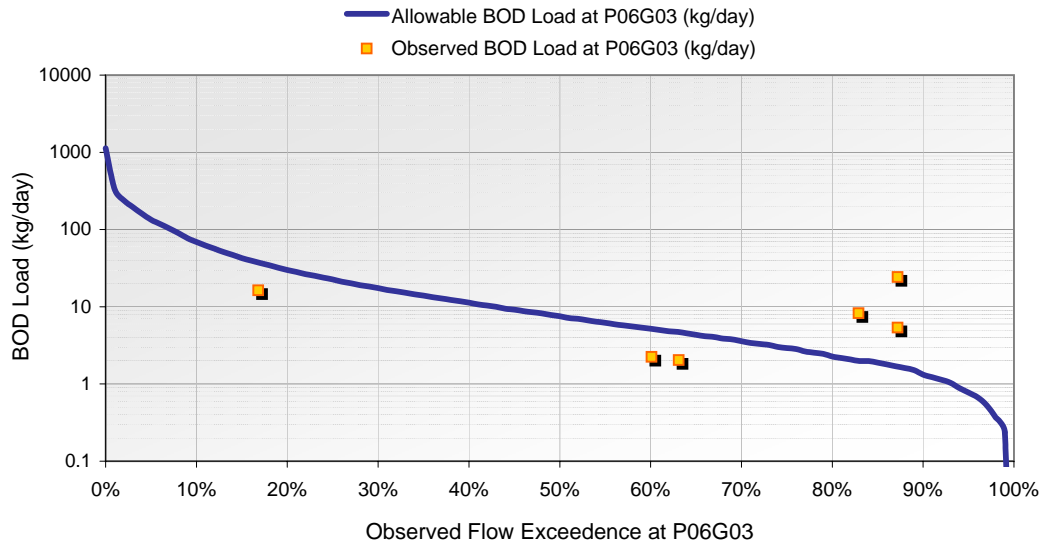
Flow Exceedance Ranges	6-Sample Distribution	Median Observed Flow (cfs)	Allowable Load (kg/day)	Observed Load (kg/day)	Estimated Reduction (%)
0-10	0	23.69	2,840	No Data	No Data
10-20	1	7.54	904	539	0.0%
20-30	0	3.99	478	No Data	No Data
30-40	0	2.47	296	No Data	No Data
40-50	0	1.62	194	No Data	No Data
50-60	1	1.09	131	43	0.0%
60-70	1	0.77	92	198	53.5%
70-80	0	0.52	62	No Data	No Data
80-90	3	0.33	40	26	0.0%
90-100	0	0.14	16	No Data	No Data

[30: BOD at P06G03 (mg/L)] -vs- [6: Flow at P06G03 (cfs)]

1. Data Assessment and Trend Confirmation



2. Load Exceedance Analysis

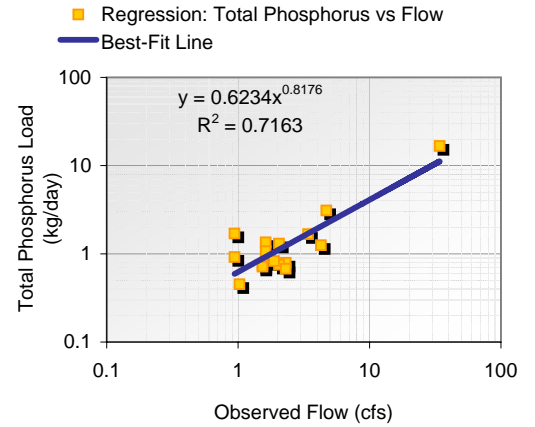
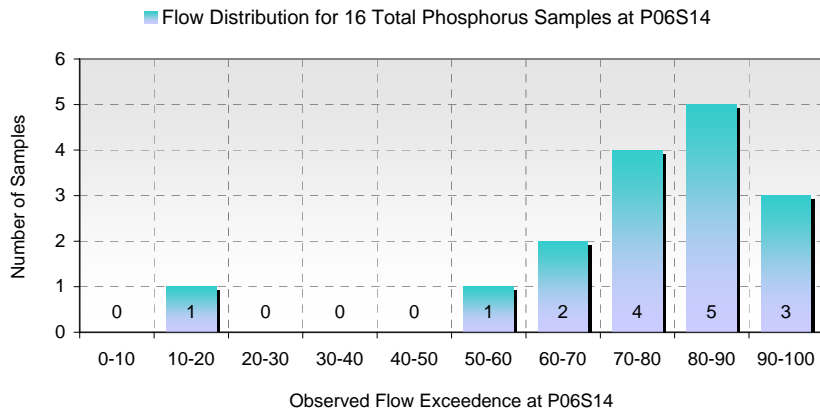


3. Estimated TMDL Loads by Flow Exceedance Range

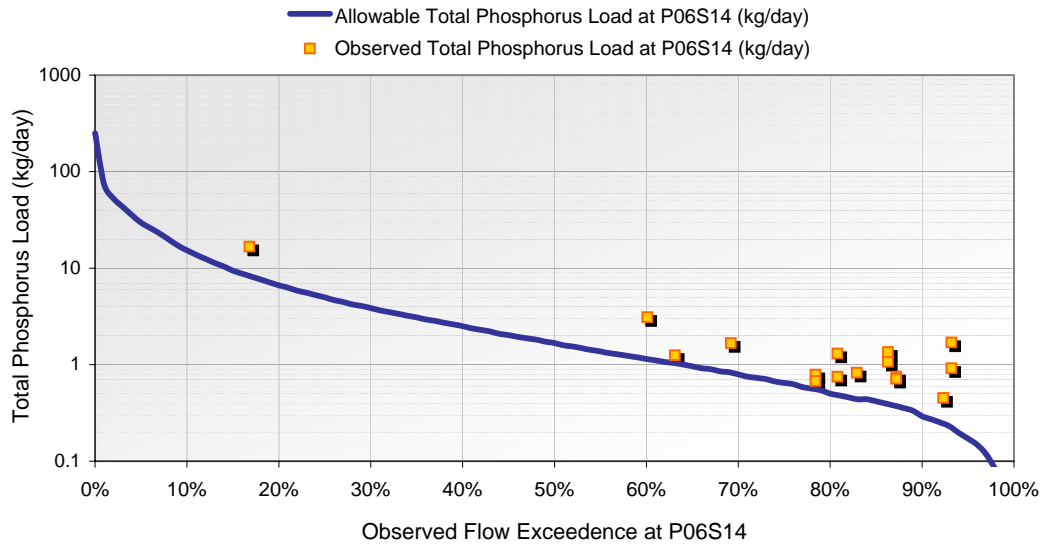
Flow Exceedance Ranges	6-Sample Distribution	Median Observed Flow (cfs)	Allowable Load (kg/day)	Observed Load (kg/day)	Estimated Reduction (%)
0-10	0	23.69	134	No Data	No Data
10-20	1	7.54	43	16	0.0%
20-30	0	3.99	23	No Data	No Data
30-40	0	2.47	14	No Data	No Data
40-50	0	1.62	9	No Data	No Data
50-60	1	1.09	6	2	0.0%
60-70	1	0.77	4	2	0.0%
70-80	0	0.52	3	No Data	No Data
80-90	3	0.33	2	8	77.2%
90-100	0	0.14	1	No Data	No Data

[21: Total Phosphorus at P06S14 (mg/L)] -vs- [5: Flow at P06S14 (cfs)]

1. Data Assessment and Trend Confirmation



2. Load Exceedence Analysis

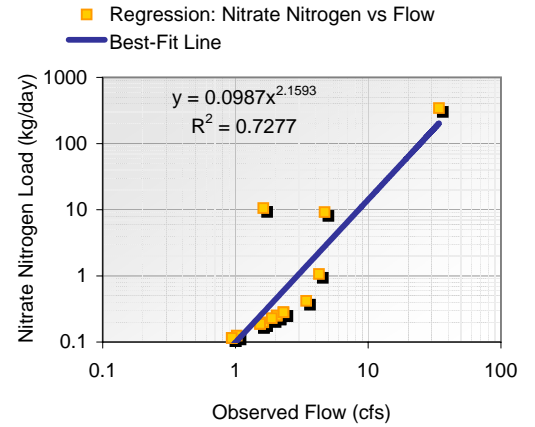
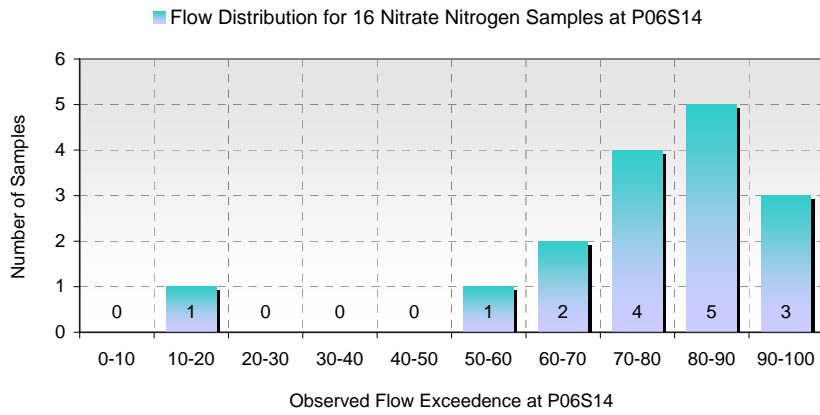


3. Estimated TMDL Loads by Flow Exceedence Range

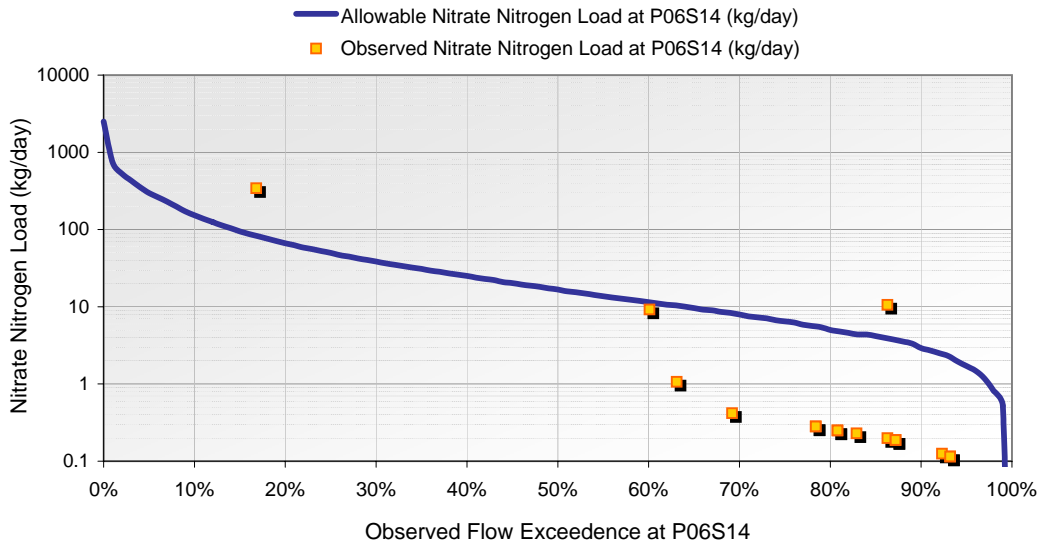
Flow Exceedence Ranges	16-Sample Distribution	Median Observed Flow (cfs)	Allowable Load (kg/day)	Observed Load (kg/day)	Estimated Reduction (%)
0-10	0	121.16	30	No Data	No Data
10-20	1	38.57	9	17	43.5%
20-30	0	20.39	5	No Data	No Data
30-40	0	12.63	3	No Data	No Data
40-50	0	8.28	2	No Data	No Data
50-60	1	5.60	1	3	55.8%
60-70	2	3.92	1	1	34.3%
70-80	4	2.65	1	1	16.0%
80-90	5	1.71	0	1	49.5%
90-100	3	0.70	0	1	81.4%

[23: Nitrate Nitrogen at P06S14 (mg/L)] -vs- [5: Flow at P06S14 (cfs)]

1. Data Assessment and Trend Confirmation



2. Load Exceedence Analysis

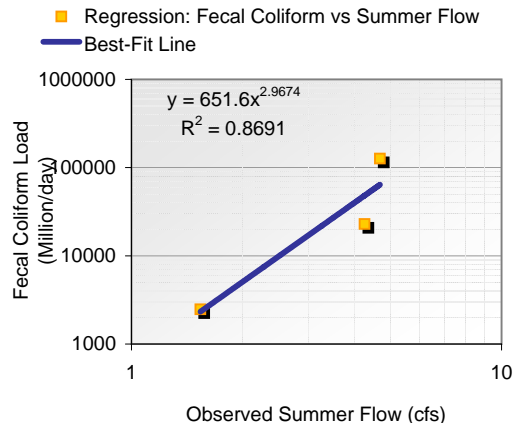
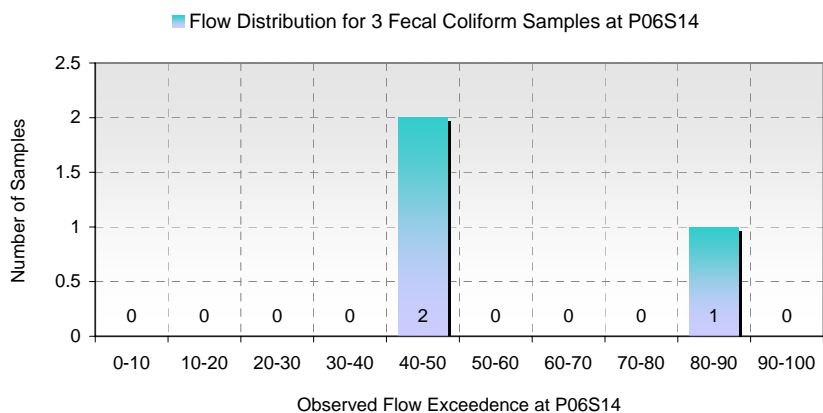


3. Estimated TMDL Loads by Flow Exceedence Range

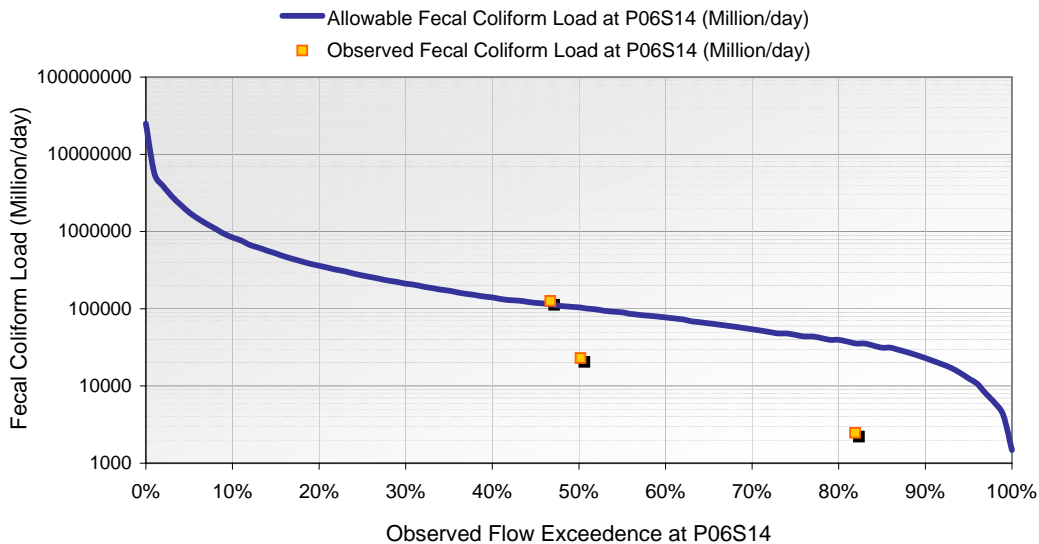
Flow Exceedence Ranges	16-Sample Distribution	Median Observed Flow (cfs)	Allowable Load (kg/day)	Observed Load (kg/day)	Estimated Reduction (%)
0-10	0	121.16	296	No Data	No Data
10-20	1	38.57	94	343	72.5%
20-30	0	20.39	50	No Data	No Data
30-40	0	12.63	31	No Data	No Data
40-50	0	8.28	20	No Data	No Data
50-60	1	5.60	14	9	0.0%
60-70	2	3.92	10	1	0.0%
70-80	4	2.65	6	0	0.0%
80-90	5	1.71	4	0	0.0%
90-100	3	0.70	2	0	0.0%

[22: Fecal Coliform at P06S14 (MPN/100mL)] -vs- [17: Summer Flow at P06S14 (cfs)]

1. Data Assessment and Trend Confirmation



2. Load Exceedance Analysis

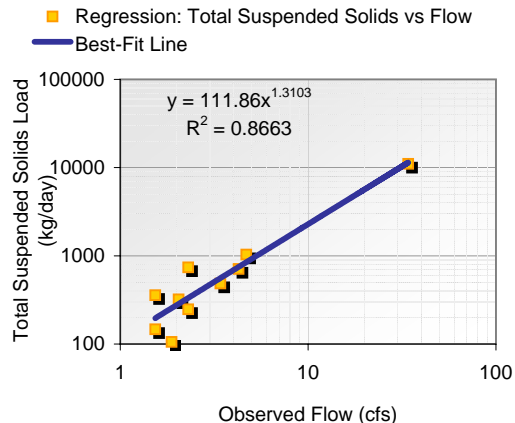
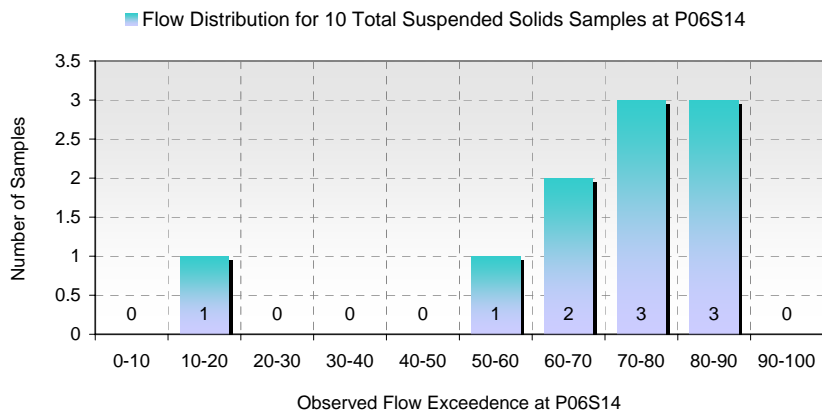


3. Estimated TMDL Loads by Flow Exceedance Range

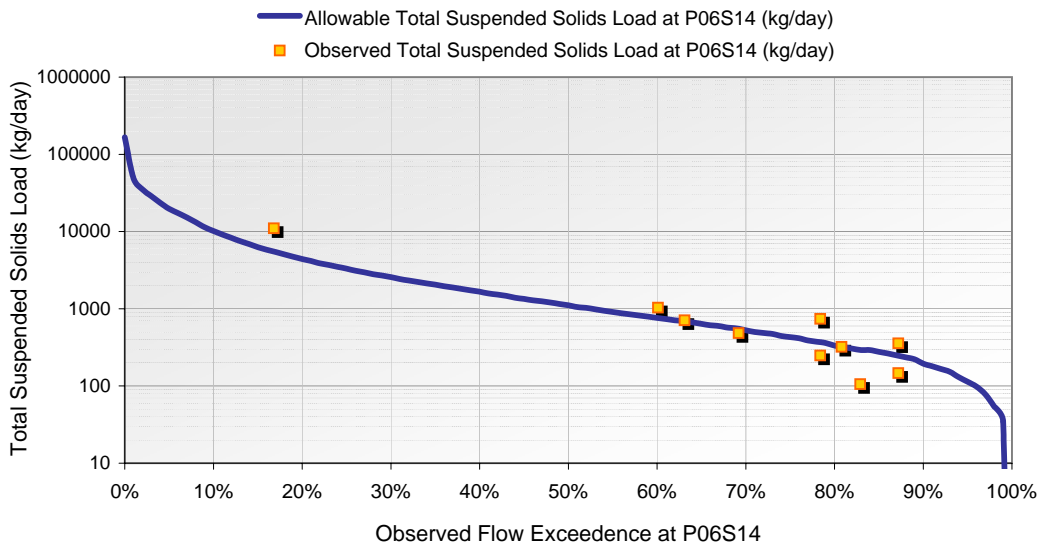
Flow Exceedance Ranges	3-Sample Distribution	Median Observed Summer Flow (cfs)	Allowable Load (Million/day)	Observed Load (Million/day)	Estimated Reduction (%)
0-10	0	72.03	1,762,264	No Data	No Data
10-20	0	21.30	521,039	No Data	No Data
20-30	0	11.01	269,287	No Data	No Data
30-40	0	7.00	171,175	No Data	No Data
40-50	2	4.86	118,987	74,628	0.0%
50-60	0	3.67	89,762	No Data	No Data
60-70	0	2.65	64,712	No Data	No Data
70-80	0	1.88	45,925	No Data	No Data
80-90	1	1.28	31,312	2,480	0.0%
90-100	0	0.51	12,525	No Data	No Data

[24: Total Suspended Solids at P06S14 (mg/L)] -vs- [5: Flow at P06S14 (cfs)]

1. Data Assessment and Trend Confirmation



2. Load Exceedance Analysis

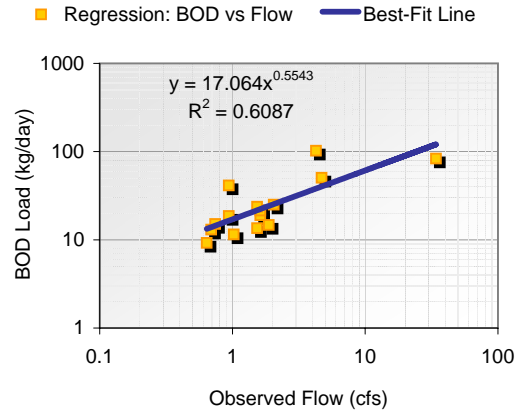
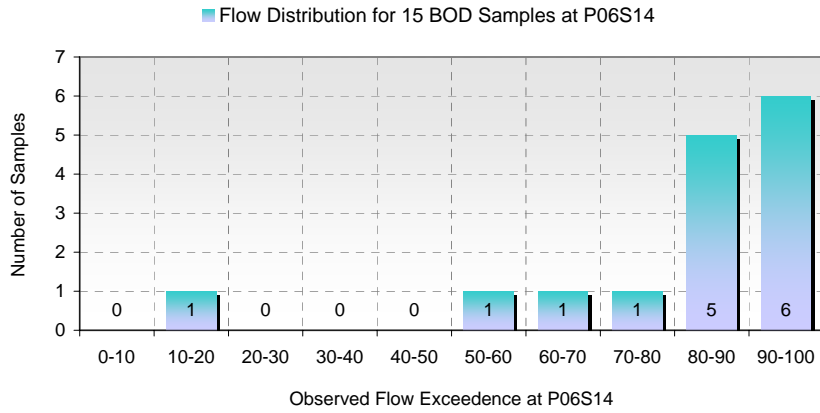


3. Estimated TMDL Loads by Flow Exceedance Range

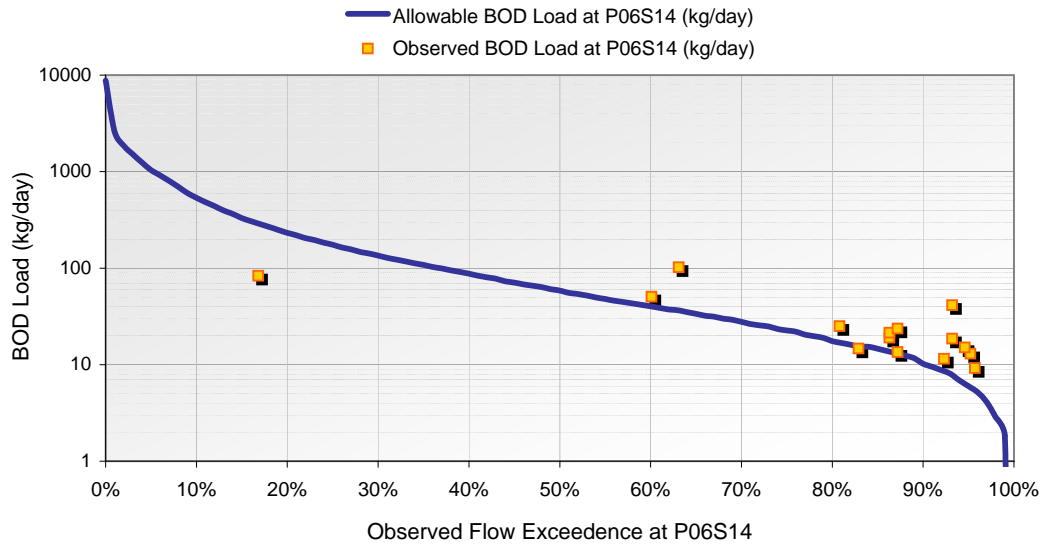
Flow Exceedance Ranges	10-Sample Distribution	Median Observed Flow (cfs)	Allowable Load (kg/day)	Observed Load (kg/day)	Estimated Reduction (%)
0-10	0	121.16	19,683	No Data	No Data
10-20	1	38.57	6,265	11,022	43.2%
20-30	0	20.39	3,313	No Data	No Data
30-40	0	12.63	2,051	No Data	No Data
40-50	0	8.28	1,345	No Data	No Data
50-60	1	5.60	909	1,033	12.0%
60-70	2	3.92	638	597	0.0%
70-80	3	2.65	430	321	0.0%
80-90	3	1.71	277	147	0.0%
90-100	0	0.70	114	No Data	No Data

[25: BOD at P06S14 (mg/L)] -vs- [5: Flow at P06S14 (cfs)]

1. Data Assessment and Trend Confirmation



2. Load Exceedence Analysis



3. Estimated TMDL Loads by Flow Exceedence Range

Flow Exceedence Ranges	15-Sample Distribution	Median Observed Flow (cfs)	Allowable Load (kg/day)	Observed Load (kg/day)	Estimated Reduction (%)
0-10	0	121.16	1,037	No Data	No Data
10-20	1	38.57	330	83	0.0%
20-30	0	20.39	175	No Data	No Data
30-40	0	12.63	108	No Data	No Data
40-50	0	8.28	71	No Data	No Data
50-60	1	5.60	48	51	5.1%
60-70	1	3.92	34	102	67.1%
70-80	1	2.65	23	25	9.6%
80-90	5	1.71	15	19	23.2%
90-100	6	0.70	6	14	57.3%