

ITD District 1  
2012 Monitoring data

**District 1  
MS4 WQ  
Results**

MS4 Outlet	Date	Flow (cfs)	Temp	Concentration													
				TSS (mg/L)	Total Nitrogen	Nitrate	Nitrite	TKN	TP	T. Lead	T. Zinc	hardness	Cl	Mg	Ca	PCBs	
Below Sherman IC	11/6/2008	NA	NA	10	2.51	1.8	ND	0.62	0.061	ND	ND	112	17	11.1	26.4	ND	
	7/1/2009	NA	NA	3	1.59	0.8	ND	0.57	0.126	ND	ND	NA	19	8.6	26.4	ND	
	12/22/2009	NA	NA	96	2.37	1.4	ND	1.01	0.23	ND	0.071	77.6	21	18.3	7.75	ND	
	3/26/2010	NA	NA	19	0.76	ND	ND	0.4	0.07	ND	0.025	40.6	9.2	3.82	9.98	ND	
	6/9/2010	6.92	13 c	15	0.63	ND	ND	0.29	0.067	ND	0.017	30	NA	2.68	7.6	ND	
	10/29/2010	1.66	7 c	85	2.11	1.2	ND	0.86	0.17	0.012	0.046	90.6	NA	8.76	21.8	ND	
	4/11/2011	8.75	12 c	13	0.59	ND	ND	0.27	0.066	ND	0.019	30.3	NA	2.81	7.51	ND	
	6/13/2011	2.19	14 c	16	0.38	ND	ND	0.38	0.0686	ND	ND	36.3	NA	3.34	8.96	ND	
	11/22/2011	13.65	38 f	47	0.51	ND	ND	0.51	0.155	ND	0.039	10.4	NA	1.09	2.35	ND	
	1/30/2012	8.87	5 c	40	0.945	0.51	ND	0.435	0.132	ND	0.02	28.3	NA	2.78	6.68	NA	
	4/26/2012	2.36	12.4 c	106	3.4	ND	ND	3.4	0.186	0.011	0.06	40.2	6.19	4.04	9.36	ND	
	6/5/2012	1.2	14.7	8	0.285	ND	ND	0.285	0.046	ND	ND	37.6	5.07	3.12	9.82	ND	
	8/22/2012	0		15	2	0.81	ND	1.19	0.119	ND	0.019	54.5	15.7	4.66	14.1	ND	
	10/30/2012	0.06	9.8	14	1.22	0.69	ND	0.528	0.121	ND	0.037	66.5	12.7	6.3	16.1	ND	
	Average		4.88		32.125	1.3675	1.3	#DIV/0!	0.55	0.107325	0.012	0.0356	59.62857	16.55	7.42625	14.55	#DIV/0!
	Median		4.555		15.5	1.175	1.3	#NUM!	0.485	0.0693	0.012	0.025	40.6	18	6.21	9.47	#NUM!
Maximum		8.75		96	2.51	1.8	0	1.01	0.23	0.012	0.071	112	21	18.3	26.4	0	
Minimum		1.66		3	0.38	0.8	0	0.27	0.061	0.012	0.017	30	9.2	2.68	7.51	0	
Above Sherman IC	Date	Flow (cfs)		TSS (mg/L)	Total Nitrogen	Nitrate	Nitrite	TKN	TP	T. Lead	T. Zinc	hardness	Cl	Mg	Ca	PCBs	
	6/9/2010	2.44	16 c	13	0.46	ND	ND	0.21	0.05	ND	0.013	24.3	NA	2.13	6.22	ND	
	10/29/2010	2.71	9 c	52	1.49	0.6	ND	0.82	0.182	ND	0.06	32.4	NA	2.21	9.32	ND	
	4/11/2011	4.93	14 c	17	0.53	ND	ND	0.26	0.065	ND	0.025	22.5	NA	1.97	5.75	ND	
	6/13/2011	1.03	14 c	14	0.54	ND	ND	0.54	0.072	ND	0.021	32.3	NA	2.31	9.08	ND	
	1/30/2012	2.97	5 c	20	0.271	ND	ND	0.271	0.056	ND	0.017	19.1	NA	1.74	4.75	ND	
	4/26/2012	6.53	14.1 c	265	3.6	ND	ND	3.6	0.446	0.026	0.14	41.5	4.8	4.84	8.5	NA	
	6/5/2012	0.36	15.6	1	0.252	ND	ND	0.252	0.032	ND	ND	20.3	1.84	1.32	5.92	NA	
Average		2.7775		24	0.755	0.6	#DIV/0!	0.4575	0.09225	#DIV/0!	0.02975	27.875	#DIV/0!	2.155	7.5925	#DIV/0!	
Median		2.575		15.5	0.535	0.6	#NUM!	0.4	0.0685	#NUM!	0.023	28.3	#NUM!	2.17	7.65	#NUM!	
Maximum		4.93		52	1.49	0.6	0	0.82	0.182	0	0.06	32.4	0	2.31	9.32	0	
Minimum		1.03		13	0.46	0.6	0	0.21	0.05	0	0.013	22.5	0	1.97	5.75	0	
French Gulch Above ITD MS4	Date	Flow (cfs)		TSS (mg/L)	Total Nitrogen	Nitrate	Nitrite	TKN	TP	T. Lead	T. Zinc	hardness	Cl	Mg	Ca	PCBs	
	6/9/2010	3.33	12 c	19	0.63	ND	ND	0.22	0.068	ND	ND	49.8	NA	4.81	12	ND	
	10/29/2010	0.09	8 c	47	1.46	0.6	ND	0.73	0.153	ND	0.06	40.5	NA	3.12	11.1	ND	
	4/11/2011	NA		8	0.478	ND	ND	0.17	0.067	ND	ND	40.4	NA	3.78	9.93	ND	
	6/13/2011	0.59	13 c	2	0.17	ND	ND	0.17	0.0517	ND	ND	57.5	NA	5.33	14.1	ND	
	4/26/2012	1.32	10.6 c	11	1.4	ND	ND	1.4	0.068	ND	ND	45.8	7.51	4.32	11.1	NA	
	6/5/2012	0.56	12.6	4	0.288	ND	ND	0.288	0.05	ND	ND	60.9	9.44	5.84	14.6	NA	

ITD District 1  
2012 Monitoring data

Average	1.336667	19	0.6845	0.6	#DIV/0!	0.3225	0.084925	#DIV/0!	0.06	47.05	#DIV/0!	4.26	11.7825	#DIV/0!		
Median	0.59	13.5	0.554	0.6	#NUM!	0.195	0.0675	#NUM!	0.06	45.15	#NUM!	4.295	11.55	#NUM!		
Maximum	3.33	47	1.46	0.6	0	0.73	0.153	0	0.06	57.5	0	5.33	14.1	0		
Minimum	0.09	2	0.17	0.6	0	0.17	0.0517	0	0.06	40.4	0	3.12	9.93	0		
15th Street IC	Date	Flow (cfs)		TSS (mg/L)	Total Nitrogen	Nitrate	Nitrite	TKN	TP	T. Lead	T. Zinc	hardness	Cl	Mg	Ca	PCBs
	6/9/2010	0.11	17 c	11	0.45	ND	ND	0.15	ND	ND	0.032	15.4	NA	0.71	4.98	ND
	10/29/2010	0.62	8 c	44	1.75	0.6	ND	1.02	0.14	ND	0.108	37.1	NA	2.2	11.2	ND
	4/11/2011	NA		31	0.83	ND	ND	0.43	0.078	ND	0.065	21	NA	1.24	6.36	ND
	6/13/2011	0.13	15 c	83	1.4	ND	ND	1.4	0.189	0.011	0.13	33.3	NA	2.11	9.82	ND
	1/30/2011	0.65	5 c	16	0.094	ND	ND	0.094	0.054	ND	0.026	9.99	NA	0.712	2.81	NA
	4/26/2012	4.18	15.1 c	304	3.1	ND	ND	3.1	0.342	0.032	0.22	32.7	2.3	4.16	6.14	NA
	6/5/2012	0.08	14.7 c	2	0.256	ND	ND	0.256	0.025	ND	0.017	22.3	1.65	1.17	6.99	NA
IDDE SAMPLE	8/22/2012	0		22	2.53	0.77	ND	1.76	0.153	ND	0.061	32.7	31	2.09	31	NA
Average	0.286667	42.25	1.1075	0.6	#DIV/0!	0.75	0.135667	0.011	0.08375	26.7	#DIV/0!	1.565	8.09	#DIV/0!		
Median	0.13	37.5	1.115	0.6	#NUM!	0.725	0.14	0.011	0.0865	27.15	#NUM!	1.675	8.09	#NUM!		
Maximum	0.62	83	1.75	0.6	0	1.4	0.189	0.011	0.13	37.1	0	2.2	11.2	0		
Minimum	0.11	11	0.45	0.6	0	0.15	0.078	0.011	0.032	15.4	0	0.71	4.98	0		
15th Street (City)	Date	Flow (cfs)	TEMP	TSS (mg/L)	Total Nitrogen	Nitrate	Nitrite	TKN	TP	T. Lead	T. Zinc	hardness	Cl	Mg	Ca	PCBs
	1/30/2011	1.38	5 c	24	0.38	ND	ND	0.38	0.068	ND	0.011	30	NA	2.99	7.03	NA
	4/26/2012	4.46	15 c	392	3.6	ND	ND	3.6	0.541	0.022	0.19	36.5	0.801	4.7	6.73	NA
	6/5/2012	0.58	16.8	2	0.275	ND	ND	0.275	0.028	ND	ND	22.7	2.01	2.04	5.68	NA