



Manganese and Iron, Customer Tap Samples, Well 10 Area

“Pre-flush” samples were collected June 5-9, 2006, before water mains were flushed.
 “One-week” samples were collected approximately one week after mains were flushed.
 “30-Day” samples were collected approximately 30 days after mains were flushed.

ND = Not Detected; ppb = parts per billion; ppm = parts per million

December 8, 2006

Block	St Dir	St Name	St Type	Note	Pre-Flush Mn (ppb)	One Week Mn (ppb)	30 Day Mn (ppb)	Pre-Flush Fe (ppm)	One Week Fe (ppm)	30 Day Fe (ppm)
600		Anthony	Ln		1.2		4	0.003		0.007
3000		Ashford	Ln		0.7	11	0.3	0.003	0.132	ND
3100		Ashford	Ln		2.5	0.6	0.4	0.014	0.003	ND
1800		Axel	Ave		252	34	54	1.45	0.353	0.395
1800		Axel	Ave	duplicate			58			1.3
2000		Axel	Ave		0.9	37	24	ND	0.34	0.249
4200		Beverly	Rd		40	96	127	0.612	0.373	0.329
4200		Beverly	Rd	Stagnant Pre-flush	0.7	4.2	9.5	ND	0.014	0.038
4200		Beverly	Rd		2.2	3.7	8.3	0.008	0.01	0.027
3900		Birch	Ave		1.7	1.1	17	0.011	0.004	0.094
3900		Birch	Ave		0.8	0.8	4.1	0.004	0.004	0.042
4000		Birch	Ave		1.3	0.8	2.5	0.009	0.003	0.029
4000		Birch	Ave		9.2	3.5	3.2	0.046	0.214	0.042
0		Boston	Ct		24	1.4	2.7	0.745	0.01	0.017
4400		Britta	Pky		1	24	9.8	0.003	0.386	0.054
800		Cabot	Ln		3	2.2	1.8	0.005	0.004	0.004
400		Caromar	Dr		16	0.9	3.8	0.069	0.013	0.031
400		Caromar	Dr	duplicate		0.7			0.011	
500		Caromar	Dr		1.8	41	3.3	0.02	0.122	0.017
600		Chatham	Ter		1	1.4	0.6	ND	0.003	0.004
600		Chatham	Ter	duplicate			0.6			0.24
600		Chatham	Ter		1.2	2.5	0.7	0.003	0.005	0.003
4000		Cherokee	Dr		0.8	14	1.5	0.008	0.173	0.096
4000		Cherokee	Dr		2.6	1.1	2	ND	0.005	0.021
4100		Cherokee	Dr		23	35	0.8	1.5	0.427	0.004
4100		Cherokee	Dr	Field Duplicate		30			0.329	
4100		Cherokee	Dr		2.6	1.3	2	0.003	0.006	0.028

Block	St Dir	St Name	St Type	Note	Pre-Flush Mn (ppb)	One Week Mn (ppb)	30 Day Mn (ppb)	Pre-Flush Fe (ppm)	One Week Fe (ppm)	30 Day Fe (ppm)
4400		Cherokee	Dr		0.9	3.4	1.8	0.004	0.005	0.004
4400		Cherokee	Dr	Duplicate	1.1		12	0.004		0.221
1000		Chieftain Lookout			1.7	1.1	1.7	0.008	0.004	0.004
1000		Chieftain Lookout		resample			1.9			0.06
3000		Churchill	Dr		0.6		0.7	0.003		0.004
3000		Churchill	Dr		0.7			0.003		
3100		Churchill	Dr		0.6	7	1.8	0.004	0.074	0.016
3200		Churchill	Dr		1.8	4.2	7.3	0.012	0.064	0.037
400		Clifden	Dr		1.7	1.2	1.8	0.014	0.009	0.015
4300		Clover	Ct		0.6	0.6	6.7	ND	0.006	0.058
4300		Clover	Ct		0.4	2.3	2.9	0.004	0.03	0.027
4300		Clover	Ct		0.6	1.4	1.6	0.009	0.035	0.025
2900		Coho	St		0.9	41	5.6	0.007	0.109	0.034
3800		Council Crest			1.6	1.4	1	0.003	0.015	0.005
3800		Council Crest			1.6	1.4	1.3	0.003	0.015	0.004
4000		Council Crest			1.6	1.6	1	0.01	0.058	0.032
4300		Crawford	Dr		100	1.1		0.411	0.027	
4300		Crawford	Dr		51	48	19	0.252	0.717	0.198
4300		Crawford	Dr		1.9	0.8	3.4	0.028	0.015	0.02
4300		Crawford	Dr		0.7	20	1.8	0.01	0.438	0.016
3400		Cross	St		63	10	1.4	1.64	0.128	0.004
3600		Cross	St		0.5	6.2	1.7	ND	0.022	0.004
3200		Derby Down			1.1	0.8	0.6	0.007	0.003	0.004
4200		Doncaster	Dr	Stagnant Pre-flush	7.4	25	20	0.115	0.248	0.25
4200		Doncaster	Dr		3.8	2.4	29	0.022	0.004	0.036
4200		Doncaster	Dr		207			1.42		
0		Essex	Ct		0.8	1	0.5	0.006	0.008	0.003
3800		Euclid	Ave		1.5			0.014		
600		Frederick	Ln		1.1	3.6	0.8	0.003	0.009	0.003
500		Gately	Ter		1.5	0.5	1.5	0.007	ND	0.009
600		Gately	Ter		1.3	2.2	1.3	0.004	0.004	0.004
0		Glenway	St		1.7	1.4	1.9	0.016	0.016	0.016
300		Glenway	St		2.8	18	3.9	0.035	0.293	0.038
400		Glenway	St		2.1		4.9	0.023		0.048
600		Glenway	St		0.7	2.2	1.9	0.005	0.014	0.019
700		Glenway	St		0.7	1.1	2.7	0.005	0.009	0.009
700		Glenway	St		0.9	1	2.8	0.003	0.004	0.036
3500		Gregory	St		1.1	0.8	0.7	ND	ND	0.005
3600		Gregory	St		1	1.7	1	0.003	0.004	0.006
3700		Hammersley	Ave		1.1	0.3	1.7	0.012	0.016	0.053
4400		Hammersley	Rd		15	26	32	0.112	0.197	0.224
4500		Hammersley	Rd		26	1.5	18	0.16	0.004	0.178
4800		Hammersley	Rd		6.7		5.5	0.084		0.011

Block	St Dir	St Name	St Type	Note	Pre-Flush Mn (ppb)	One Week Mn (ppb)	30 Day Mn (ppb)	Pre-Flush Fe (ppm)	One Week Fe (ppm)	30 Day Fe (ppm)
3200		Heatherdell	Ln		0.6	1	1.6	0.003	0.015	0.019
3300		Heatherdell	Ln		0.5	0.6	0.5	ND	ND	ND
3300		Heatherdell	Ln		0.3	0.5	0.5	ND	0.004	0.003
4300		Herrick	Ln		1.5	15	3.2	0.014	0.213	0.093
4500		Herrick	Ln		3.8	13	5.8	0.009	0.082	0.026
4100		Hiawatha	Dr		8.1	15	1.7	0.078	0.222	0.012
4100		Hiawatha	Dr		1.9	1.8	0.5	0.011	0.026	0.008
3800		Hillcrest	Dr		1.2	2.3	3	0.013	0.076	0.038
4300		Hillcrest	Cir		2.7	2.6	2.7	0.037	0.031	0.027
4300		Hillcrest	Dr		80	119	368	0.701	0.945	4.13
4300		Hillcrest	Dr	Follow up			31			0.468
4300		Hillcrest	Dr	Follow up			185			2.4
4300		Hillcrest	Dr	Follow up			90			1.64
4300		Hillcrest	Dr	Stagnant Pre-flush	5.8	4.2	12	0.074	0.077	0.054
500		Holly	Ave		5.6	2	2	0.01	0.004	0.016
500		Holly	Ave	duplicate			2			0.09
4100		Iroquois	Dr		1.6			0.122		
4100		Iroquois	Dr		1	20	3.4	0.008	0.227	0.05
2900		Irvington	Way		0.5	6.2	1.1	ND	0.1	0.005
2900		Irvington	Way	Field-Duplicate			0.7			0.09
200		Karen	Ct		2.6	16	23	0.036	0.167	0.243
4300		Keating	Ter		2.2	2.7	7.2	0.01	0.014	0.044
4300		Keating	Ter		2.2	0.5	8.9	0.018	0.004	0.047
4300		Keating	Ter	duplicate			9.7			0.15
3200		Knollwood	Way		0.4	1.8	0.3	ND	0.028	ND
3200		Knollwood	Way	duplicate		1.8			0.028	
200		Larkin	St		2.4	2.8	2.8	0.028	0.028	0.029
3100		Leyton	Ln		14	15	1.2	0.153	0.148	0.003
3200		Leyton	Ln		15	27	0.9	0.167	0.347	0.003
4300		Lumley	Rd		4.9	17	31	0.011	0.153	0.227
4000		Mandan	Cir	Stagnant Pre-flush	3	8.7	0.9	0.025	0.122	0.006
4100		Mandan	Cres		1.4	40	1.1	0.006	0.288	0.004
4100		Mandan	Cres	duplicate		36			0.289	
4100		Mandan	Cres		2.8	36	4	0.018	0.236	0.008
4100		Mandan	Cres		1.2	42	1	0.008	0.243	0.006
4100		Manitou	Way		9.1	17	21	0.077	0.209	0.335
4100		Meyer	Ave		0.8	1.5	1.4	0.003	0.008	0.012
800		Miami	Pass		1.5	1	0.8	0.004	0.004	ND
800		Miami	Pass		1.2		0.8	0.004		ND
400	S	Midvale	Blvd		1.9	1.2	211	0.022	0.011	0.326
500	S	midvale	Blvd		1.3	2.2	37	0.003	0.015	0.066
500	S	midvale	Blvd	duplicate	1			0.003		
500	S	Midvale	Blvd		0.6	1.7	38	ND	0.01	0.06

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600	S	Midvale	Blvd		1.9	2.7	7	0.004	0.007	0.012
4000		Mineral Point	Rd		2.1	1	2.7	0.022	0.008	0.033
4000		Mineral Point	Rd	duplicate	1.9		0.02			
4200		Mineral Point	Rd		3	1.4	3.6	0.023	0.018	0.055
4200		Mineral Point	Rd		186	1.4	5.1	1.32	ND	0.003
4200		Mohawk	Dr		260	13	31	1.6	0.187	0.305
4200		Mohawk	Dr		33	13	31	0.229	0.187	0.305
4200		Mohawk	Dr		77	29	19	1.09	0.216	0.241
1000		Mohican	Pass		3	4.4	24	0.025	0.019	0.207
3300		Monroe	St		1	18	4	0.009	0.25	0.105
3400		Monroe	St		0.6	20	1.4	0.003	0.2	0.003
3500		Monroe	St		0.9	23	2.2	0.008	0.241	0.009
3800		Nakoma	Rd		13	8.8		0.01	0.064	
4100		Nakoma	Rd		0.8		8	0.004		0.145
4300		Nakoma	Rd		20	1.6	1.6	0.196	ND	0.008
2900		Nottingham	Way		11	4.1	0.8	0.127	0.053	ND
3000		Nottingham	Way		13	32	1.2	0.143	0.472	0.004
3600		Odana	Rd		3.3	2.3	1.7	0.006	0.008	0.004
4100		Odana	Rd		2.3	2.5	1.1	0.005	0.02	0.003
4200		Odana	Rd		1.2	1.1	1	0.004	0.004	0.003
600		Odell	St		3	0.5	1	0.008	ND	0.004
600		Odell	St		2.5	0.7	0.8	0.004	ND	ND
600		Odell	St		1.8	3.6	4.6	0.004	ND	0.004
700		Oneida	Pl		4.7	14	11	0.035	0.123	0.082
700		Oneida	Pl		1.2	3	2.5	0.01	0.004	0.003
700		Oneida	Pl		1.1	2.3	2.2	0.004	ND	0.004
100	S	Owen	Dr		3.2	7.1	3.6	0.045	0.235	0.048
300	S	Owen	Dr		3.6	2.8	1.9	0.046	0.022	0.02
300	S	Owen	Dr	duplicate	4.8			0.168		
300	S	Owen	Dr		4.1	2.9	3.6	0.229	0.216	0.064
400	S	Owen	Dr		2.9	2.6	1.3	0.023	0.016	0.008
500	S	Owen	Dr		28		16	0.098		0.111
500	S	Owen	Dr	duplicate			20			0.48
4300	S	Owen	Dr		1	2.9	1	0.006	0.012	0.007
3000		Pelham	Rd		28	0.6	1.4	0.034	0.004	0.011
3100		Pelham	Rd		3.7	5.1	7.8	0.011	0.084	0.169
3100		Pelham	Rd	Field-Duplicate		4.4	3.8		0.075	0.4
2200		Pike	Dr		0.7	1.7	ND	0.008	0.013	ND
2200		Pike	Dr		0.6	8.4	2.2	0.008	0.057	0.016
3900		Plymouth	Cir		2	2.2	6	0.027	0.027	0.068
3900		Plymouth	Cir		2.2	1.4	4.3	0.028	0.018	0.056
900		Pontiac	Trl		1.1	0.9	4.2	0.008	0.003	0.019
3900		Priscilla	Ln		1.3	1.5	3.1	0.015	0.022	0.043

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3900		Priscilla	Ln	duplicate		1.6			0.021	
3800		Regent	St		2.5	23	15	0.015	0.168	0.103
3900		Regent	St		1.8	9.8	6.9	0.022	0.061	0.073
4200		Rolla	Ln		1.4	2	6.8	0.003	ND	0.038
4300		Rolla	Ln		0.7	2.5	3.8	ND	0.003	0.021
4300		Rolla	Ln	Duplicate	0.7			ND		
1000		Seminole	Hwy		10	44	38	0.08	1.24	0.299
1400		Seminole	Hwy		1	29	23	ND	0.201	0.277
1400		Seminole	Hwy		1.9	1		ND	0.01	
1900		Seminole	Hwy		0.4	18	23	ND	0.352	0.208
2400		Seminole	Hwy		1	2.6	0.8	0.001	0.02	0.003
700		Seneca	Pl		2.5	2.2	1.2	0.012	0.003	0.004
700		Seneca	Pl	Duplicate	3.1		0.013			
4200		Somerset	Ln	Stagnant Pre-flush	0.7	0.7	1.4	ND	ND	0.003
4200		Somerset	Ln	duplicate west tap			2.6			0.08
4400		Somerset	Ln		1.4	0.5	2.4	0.003	ND	ND
4400		Somerset	Ln		5.9	0.6	3.1	0.013	ND	0.006
4000		St Clair	St		0.8	1	2.2	0.006	0.004	0.021
4000		St Clair	St		1.9	4.8	6.6	0.029	0.109	0.319
100		Standish	Ct		1.7	1.6	3.1	0.021	0.018	0.066
100		Standish	Ct	duplicate			1.7			0.08
0		Sunfish	Ct		1.2	3	0.2	0.018	0.022	ND
0		Sunfish	Ct	duplicate			0.3			0.1
200	E	Sunset	Ct		3.3	1.9	3.9	0.044	0.022	0.038
200	E	Sunset	Ct		3.8	1.3	2.4	0.05	0.013	0.023
200	E	Sunset	Ct		4.4	3	3.6	0.06	0.032	0.029
300	E	Sunset	Ct		2.2	1.8	3.6	0.027	0.018	0.045
4100	S	Sunset	Ct		2.5	1.4	6.2	0.034	0.015	0.047
4100	S	Sunset	Ct	duplicate			7.9			0.14
200	W	Sunset	Ct		2.5	1.3	2.4	0.034	0.018	0.025
3000		Todd	Dr		0.6			0.009		
500		Toepfer	Ave		1.4	1.5	10	0.005	0.023	0.259
500		Toepfer	Ave		0.5	0.8	2.2	ND	0.004	0.009
4000		Tokay	Blvd		28	12		0.053	0.016	
2900		Traceway	Dr		0.7	5.9	2	0.005	0.096	0.014
2900		Traceway	Dr	duplicate		2.2			0.024	
2900		Traceway	Dr		1.1	7.4	1.4	0.008	0.138	0.014
2900		Turbot	Dr		0.6	1.9	0.6	0.004	0.024	0.005
2900		Turbot	Dr		0.5			ND		
2900		Turbot	Dr		0.5	3.1	2.4	ND	0.04	0.028
100		Vaughn	Ct		1.5	1.6	0.9	0.018	0.019	0.012
100		Vaughn	Ct		2	33	14	0.025	0.666	0.276

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100		Vaughn	Ct		4.8	86	21	0.241	0.484	0.413
100		Vaughn	Ct	duplicate		4.6			0.032	
4600		Verona	Rd		2.5		1.4	ND		ND
900		Waban	Hill		18	11	3.2	0.163	0.148	0.008
1000		Waban	Hill		1.4	5.9	1.4	0.011	0.014	0.03
1000		Waban	Hill	duplicate	19		0.144			
900		Waban Hill			0.7			ND		
900		Waban Hill			28	24	1	0.184	0.216	0.005
900		Waban Hill		duplicate			1.1			0.15
4200		Waban Hill			25	25	26	0.22	0.197	0.244
4300		Waite	Cir		1.5	1.1	4.2	0.003	0.007	0.026
4300		Wakefield	St		0.9	0.3	1	ND	0.003	0.004
4500		Wakefield	St		2	17	1.4	0.005	0.142	0.005
4200		Wanda	Pl		156	25	0.6	0.122	0.212	0.003
4200		Wanda	pl		29	29	23	0.267	0.267	0.236
4200		Wanda	pl		29	27	23	0.267	0.21	0.236
4200		Wanetah	Trl		3.1	1.1	22	0.021	0.005	0.25
4200		Wanetah	Trl	Resample	32		0.212			
200		Westmorland	Blvd		0.5	2.1	1.9	0.007	0.018	0.019
500		Westmorland	Blvd		0.7	1.4	1.6	0.003	0.017	0.01
500		Westmorland	Blvd		5.2	31	2.4	0.027	0.213	0.025
3300		Westview	Ln		0.5	2.9	1.1	ND	0.042	0.003
1300		Whenona	Dr		747	11	2.9	0.466	0.026	0.004
1300		Whenona	Dr	Follow up						
1300		Whenona	Dr	Follow up	3			0.053		
1300		Whenona	Dr	Follow up	57			0.045		
1300		Whenona	Dr	Follow up	57			0.045		
2000		Whenona	Dr		8.5			0.017		
2100		Whenona	Dr		2	1.5	3.1	0.003	0.004	0.026
4300		Windflower	Way		0.4	0.9	0.9	ND	0.01	0.004
4300		Windflower	Way		0.5	5.4	0.8	ND	0.066	0.006
3900		Winnemac	Ave		0.8	0.9	4.9	0.004	0.007	0.036
4100		Winnemac	Ave		1.2	1.5	1.9	0.004	0.007	0.015
1300		Winslow	Ln		2.3	1	27	0.02	0.006	0.288
3900		Yuma	Dr		1.2	1.7	4.7	0.008	0.013	0.03
4100		Yuma	Dr		1.3	12	1.5	0.006	0.126	0.005
4400		Yuma	Dr		0.4	2.1		0.004	0.012	
3700		Zwerg	Dr		1.9	3.6	1.9	0.025	0.043	0.023
3700		Zwerg	Dr		1.5	1.1	1.2	0.02	0.012	0.012