



State of Ohio Environmental Protection Agency

Southeast District Office

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Ted Strickland, Governor
Lee Fisher, Lieutenant Governor
Chris Korleski, Director

July 7, 2008

Re: Tuscarawas County
Belden Brick Company
Notice of Violation
OIN00014, OH0008141
Correspondence (IWW)

Mr. John Streb, Env. Associate
Belden Brick Company
State Route 39
P.O. Box 430
Sugarcreek, Ohio 44681

Dear Mr. Streb:

We have received your self-monitoring reports covering the months of May 2004 through May 2008 for the referenced facility. Our review indicates violations of the conditions of your NPDES permit. The specific instances of noncompliance are as follows:

Outfall	Date	Parameter	Reported	Units	Permit Limitation
May 2004:					
001	Weeks 1-2	Flow Rate	None	MGD	Monitoring required ½ weeks
001	5/20	pH	5.42	S.U.	6.5 Minimum
002	Weeks 1-2	Flow Rate	None	MGD	Monitoring required ½ weeks
004	Weeks 1-2	Flow Rate	None	MGD	Monitoring required ½ weeks
005	Weeks 1-2	Flow Rate	None	MGD	Monitoring required ½ weeks
June 2004:					
001	6/17	pH	5.56	S.U.	6.5 Minimum
002	6/17	Suspended Solids	35	mg/l	30
004	6/17	Suspended Solids	103	mg/l	30
004	Average	Suspended Solids	53	mg/l	20
July 2004:					
001	7/1&7/15	pH	5.5-5.58	S.U.	6.5 Minimum
August 2004:					
001	Weeks 3-4	Flow Rate	None	MGD	Monitoring required ½ weeks
002	Weeks 1-2	Flow Rate	None	MGD	Monitoring required ½ weeks
002	Weeks 1-2	Suspended Solids	None	mg/l	Monitoring required ½ weeks
005	Weeks 1-2	Flow Rate	None	MGD	Monitoring required ½ weeks
005	Weeks 1-2	pH	None	S.U.	Monitoring required ½ weeks
006	8/12	pH	9.3	S.U.	9.0 Maximum
008	Weeks 1-2	Flow Rate	None	MGD	Monitoring required ½ weeks
008	Weeks 1-2	pH	None	S.U.	Monitoring required ½ weeks
008	Weeks 1-2	Suspended Solids	None	mg/l	Monitoring required ½ weeks
008	8/26	pH	10.17	S.U.	9.0 Maximum
016	Weeks 1-2	Flow Rate	None	MGD	Monitoring required ½ weeks
016	Weeks 1-2	Suspended Solids	None	mg/l	Monitoring required ½ weeks
022	Weeks 1-2	pH	None	S.U.	Monitoring required ½ weeks

Outfall	Date	Parameter	Reported	Units	Permit Limitation
022	Weeks 1-2	Suspended Solids	None	mg/l	Monitoring required ½ weeks
025	Weeks 1-2	pH	None	S.U.	Monitoring required ½ weeks
025	Weeks 1-2	Suspended Solids	None	mg/l	Monitoring required ½ weeks
030	Weeks 1-2	pH	None	S.U.	Monitoring required ½ weeks
030	Weeks 1-2	Suspended Solids	None	mg/l	Monitoring required ½ weeks
030	Weeks 1-2	Flow Rate	None	MGD	Monitoring required ½ weeks
September 2004:					
001	28 Days	Total Precipitation	None	Inches	Reporting required 1/day
001	9/13	pH	9.29	S.U.	9.0 Maximum
001	Weeks 3-4	Flow Rate	None	MGD	Monitoring required ½ weeks
005	Weeks 3-4	Flow Rate	None	MGD	Monitoring required ½ weeks
006	9/13&9/23	pH	9.1-10.32	S.U.	9.0 Maximum
010	Weeks 3-4	Flow Rate	None	MGD	Monitoring required ½ weeks
016	Weeks 3-4	Flow Rate	None	MGD	Monitoring required ½ weeks
016	9/13	pH	3.34	S.U.	6.5 Minimum
027	Weeks 3-4	Flow Rate	None	MGD	Monitoring required ½ weeks
040	Average	Suspended Solids	23	mg/l	20
October 2004:					
001	28 Days	Total Precipitation	None	Inches	Reporting required 1/day
004	Weeks 3-4	Flow Rate	None	MGD	Monitoring required ½ weeks
004	10/7	pH	9.79	S.U.	9.0 Maximum
006	10/7&10/21	pH	9.49-9.73	S.U.	9.0 Maximum
006	Weeks 3-4	Flow Rate	None	MGD	Monitoring required ½ weeks
008	Weeks 1-2	pH	None	S.U.	Monitoring required ½ weeks
008	Weeks 1-2	Suspended Solids	None	mg/l	Monitoring required ½ weeks
008	Weeks 1-2	Flow Rate	None	MGD	Monitoring required ½ weeks
019	Weeks 1-2	pH	None	S.U.	Monitoring required ½ weeks
019	Weeks 1-2	Suspended Solids	None	mg/l	Monitoring required ½ weeks
022	Weeks 3-4	pH	None	S.U.	Monitoring required ½ weeks
022	Weeks 3-4	Suspended Solids	None	mg/l	Monitoring required ½ weeks
025	Weeks 1-2	pH	None	S.U.	Monitoring required ½ weeks
025	Weeks 1-2	Suspended Solids	None	mg/l	Monitoring required ½ weeks
040	Weeks 1-2	pH	None	S.U.	Monitoring required ½ weeks
040	Weeks 1-2	Suspended Solids	None	mg/l	Monitoring required ½ weeks
040	Weeks 1-2	Flow Rate	"AA"	MGD	Monitoring required ½ weeks
040	Monthly	Manganese, Total	None	ug/l	Monitoring required 1/month
November 2004:					
001	25 Days	Total Precipitation	None	Inches	Reporting required 1/day
001	11/4	Suspended Solids	37	mg/l	30
001	11/4	pH	3.29	S.U.	6.5 Minimum
001	Average	Suspended Solids	23	mg/l	20
001	11/18	pH	9.22	S.U.	9.0 Maximum
002	Weeks 3-4	Flow Rate	None	MGD	Monitoring required ½ weeks
005	Average	Suspended Solids	60	mg/l	20
005	11/4	Suspended Solids	60	mg/l	30
005	Weeks 3-4	Flow Rate	None	MGD	Monitoring required ½ weeks
005	Weeks 3-4	pH	None	S.U.	Monitoring required ½ weeks
008	Average	Suspended Solids	81	mg/l	20
008	11/4	Suspended Solids	81	mg/l	30
008	Weeks 3-4	pH	None	S.U.	Monitoring required ½ weeks
008	Weeks 3-4	Suspended Solids	None	mg/l	Monitoring required ½ weeks
008	Weeks 3-4	Flow Rate	None	MGD	Monitoring required ½ weeks
010	11/4	pH	2.02	S.U.	6.5 Minimum
019	Average	Suspended Solids	261	mg/l	20
019	11/4	Suspended Solids	521	mg/l	30
024	Average	Suspended Solids	56	mg/l	20

Outfall	Date	Parameter	Reported	Units	Permit Limitation
024	11/4	Suspended Solids	101	mg/l	30
026	Average	Suspended Solids	42	mg/l	20
026	11/4	Suspended Solids	42	mg/l	30
026	Weeks 3-4	pH	None	S.U.	Monitoring required ½ weeks
026	Weeks 3-4	Flow Rate	None	MGD	Monitoring required ½ weeks
026	Weeks 3-4	Suspended Solids	None	mg/l	Monitoring required ½ weeks
027	Average	Suspended Solids	33	mg/l	20
027	11/4	Suspended Solids	59	mg/l	30
029	Weeks 3-4	pH	None	S.U.	Monitoring required ½ weeks
029	Weeks 3-4	Flow Rate	None	MGD	Monitoring required ½ weeks
029	Weeks 3-4	Suspended Solids	None	mg/l	Monitoring required ½ weeks
030	Weeks 3-4	pH	None	S.U.	Monitoring required ½ weeks
030	Weeks 3-4	Flow Rate	None	MGD	Monitoring required ½ weeks
030	Weeks 3-4	Suspended Solids	None	mg/l	Monitoring required ½ weeks
033	Average	Suspended Solids	63	mg/l	20
033	11/4&11/18	Suspended Solids	50-76	mg/l	30
036	Average	Suspended Solids	55	mg/l	20
036	11/4	Suspended Solids	55	mg/l	30
036	Weeks 3-4	pH	None	S.U.	Monitoring required ½ weeks
036	Weeks 3-4	Suspended Solids	None	mg/l	Monitoring required ½ weeks
041	11/4	pH	4.04	S.U.	6.5 Minimum
041	Weeks 3-4	pH	None	S.U.	Monitoring required ½ weeks
041	Weeks 3-4	Suspended Solids	None	mg/l	Monitoring required ½ weeks
December 2004:					
001	12/2	Suspended Solids	41	mg/l	30
001	12/2	pH	3.63	S.U.	6.5 Minimum
001	12/16	pH	9.34	S.U.	9.0 Maximum
006	12/2	pH	4.31	S.U.	6.5 Minimum
006	12/16	pH	9.2	S.U.	9.0 Maximum
007	12/16	pH	9.18	S.U.	9.0 Maximum
009	Weeks 1-4	Suspended Solids	None	mg/l	Monitoring required ½ weeks
009	Weeks 1-4	pH	None	S.U.	Monitoring required ½ weeks
009	Weeks 1-4	Flow Rate	None	MGD	Monitoring required ½ weeks
010	12/2	pH	4.95	S.U.	6.5 Minimum
024	Average	Suspended Solids	24	mg/l	20
024	12/2	Suspended Solids	41	mg/l	30
026	Weeks 3-4	Suspended Solids	None	mg/l	Monitoring required ½ weeks
026	Weeks 3-4	pH	None	S.U.	Monitoring required ½ weeks
026	Weeks 3-4	Flow Rate	None	MGD	Monitoring required ½ weeks
027	Weeks 3-4	Suspended Solids	None	mg/l	Monitoring required ½ weeks
027	Weeks 3-4	pH	None	S.U.	Monitoring required ½ weeks
027	Weeks 3-4	Flow Rate	None	MGD	Monitoring required ½ weeks
028	Weeks 3-4	Suspended Solids	None	mg/l	Monitoring required ½ weeks
028	Weeks 3-4	pH	None	S.U.	Monitoring required ½ weeks
029	Weeks 3-4	Suspended Solids	None	mg/l	Monitoring required ½ weeks
029	Weeks 3-4	pH	None	S.U.	Monitoring required ½ weeks
029	Weeks 3-4	Flow Rate	None	MGD	Monitoring required ½ weeks
030	Weeks 3-4	Suspended Solids	None	mg/l	Monitoring required ½ weeks
030	Weeks 3-4	pH	None	S.U.	Monitoring required ½ weeks
030	Weeks 3-4	Flow Rate	None	MGD	Monitoring required ½ weeks
033	Average	Suspended Solids	24	mg/l	20
033	Weeks 3-4	Suspended Solids	None	mg/l	Monitoring required ½ weeks
033	Weeks 3-4	pH	None	S.U.	Monitoring required ½ weeks
036	Weeks 3-4	Suspended Solids	None	mg/l	Monitoring required ½ weeks
036	Weeks 3-4	pH	None	S.U.	Monitoring required ½ weeks
038	Weeks 3-4	Suspended Solids	None	mg/l	Monitoring required ½ weeks

Outfall	Date	Parameter	Reported	Units	Permit Limitation
038	Weeks 3-4	pH	None	S.U.	Monitoring required ½ weeks
038	Weeks 3-4	Flow Rate	None	MGD	Monitoring required ½ weeks
040	Average	Suspended Solids	40	mg/l	20
040	12/2	Suspended Solids	70	mg/l	30
041	12/2	pH	5.78	S.U.	6.5 Minimum
041	Weeks 3-4	Suspended Solids	None	mg/l	Monitoring required ½ weeks
041	Weeks 3-4	pH	None	S.U.	Monitoring required ½ weeks
January 2005:					
001	1/13	pH	6.33	S.U.	6.5 Minimum
004	Average	Suspended Solids	22	mg/l	20
006	1/13	pH	6.17	S.U.	6.5 Minimum
008	1/13	pH	4.14	S.U.	6.5 Minimum
008	Weeks 3-4	Suspended Solids	None	mg/l	Monitoring required ½ weeks
008	Weeks 3-4	pH	None	S.U.	Monitoring required ½ weeks
008	Weeks 3-4	Flow Rate	None	MGD	Monitoring required ½ weeks
009	1/13&1/27	pH	4.92-5.15	S.U.	6.5 Minimum
010	1/13	pH	5.23	S.U.	6.5 Minimum
016	1/27	pH	6.31	S.U.	6.5 Minimum
022	Weeks 3-4	Suspended Solids	None	mg/l	Monitoring required ½ weeks
022	Weeks 3-4	pH	None	S.U.	Monitoring required ½ weeks
025	1/13&1/27	pH	5.09-5.16	S.U.	6.5 Minimum
027	Weeks 3-4	Suspended Solids	None	mg/l	Monitoring required ½ weeks
027	Weeks 3-4	pH	None	S.U.	Monitoring required ½ weeks
027	Weeks 3-4	Flow Rate	None	MGD	Monitoring required ½ weeks
028	Average	Suspended Solids	29	mg/l	20
028	1/27	Suspended Solids	48	mg/l	30
028	1/27	pH	6.42	S.U.	6.5 Minimum
029	Weeks 3-4	Suspended Solids	None	mg/l	Monitoring required ½ weeks
029	Weeks 3-4	pH	None	S.U.	Monitoring required ½ weeks
029	Weeks 3-4	Flow Rate	None	MGD	Monitoring required ½ weeks
030	Weeks 3-4	Suspended Solids	None	mg/l	Monitoring required ½ weeks
030	Weeks 3-4	pH	None	S.U.	Monitoring required ½ weeks
030	Weeks 3-4	Flow Rate	None	MGD	Monitoring required ½ weeks
033	Weeks 3-4	Suspended Solids	None	mg/l	Monitoring required ½ weeks
033	Weeks 3-4	pH	None	S.U.	Monitoring required ½ weeks
036	Average	Suspended Solids	141	mg/l	20
036	1/27	Suspended Solids	282	mg/l	30
037	Weeks 1-4	Suspended Solids	None	mg/l	Monitoring required ½ weeks
037	Weeks 1-4	pH	None	S.U.	Monitoring required ½ weeks
037	Weeks 3-4	Flow Rate	None	MGD	Monitoring required ½ weeks
037	Monthly	Iron, Total	None	ug/l	Monitoring required 1/month
037	Monthly	Manganese, Total	None	ug/l	Monitoring required 1/month
038	Average	Suspended Solids	50	mg/l	20
038	1/13	Suspended Solids	50	mg/l	30
038	1/13	pH	6.45	S.U.	6.5 Minimum
038	Weeks 3-4	Suspended Solids	None	mg/l	Monitoring required ½ weeks
038	Weeks 3-4	pH	None	S.U.	Monitoring required ½ weeks
038	Weeks 3-4	Flow Rate	None	MGD	Monitoring required ½ weeks
February 2005:					
001	2/24	pH	9.01	S.U.	9.0 Maximum
005	2/10&2/24	pH	5.0-6.0	S.U.	6.5 Minimum
006	2/24	pH	9.3	S.U.	9.0 Maximum
007	Average	Suspended Solids	23	mg/l	20
007	2/10	Suspended Solids	39	mg/l	30
008	2/10	pH	5.23	S.U.	6.5 Minimum
008	Weeks 3-4	Suspended Solids	None	mg/l	Monitoring required ½ weeks

Outfall	Date	Parameter	Reported	Units	Permit Limitation
008	Weeks 3-4	pH	None	S.U.	Monitoring required ½ weeks
008	Weeks 3-4	Flow Rate	None	MGD	Monitoring required ½ weeks
009	Weeks 3-4	Flow Rate	None	MGD	Monitoring required ½ weeks
010	2/24	pH	9.06	S.U.	9.0 Maximum
014	2/10	pH	4.26	S.U.	6.5 Minimum
014	Weeks 3-4	Suspended Solids	None	mg/l	Monitoring required ½ weeks
016	2/10&2/24	pH	4.27-6.23	S.U.	6.5 Minimum
016	Weeks 3-4	Flow Rate	None	MGD	Monitoring required ½ weeks
022	2/24	pH	9.45	S.U.	9.0 Maximum
025	2/10	pH	6.28	S.U.	6.5 Minimum
026	Weeks 3-4	Suspended Solids	None	mg/l	Monitoring required ½ weeks
026	Weeks 3-4	pH	None	S.U.	Monitoring required ½ weeks
027	Weeks 3-4	Flow Rate	None	MGD	Monitoring required ½ weeks
028	Weeks 3-4	Suspended Solids	None	mg/l	Monitoring required ½ weeks
028	Weeks 3-4	pH	None	S.U.	Monitoring required ½ weeks
029	Weeks 3-4	Suspended Solids	None	mg/l	Monitoring required ½ weeks
029	Weeks 3-4	pH	None	S.U.	Monitoring required ½ weeks
030	Weeks 3-4	Flow Rate	None	MGD	Monitoring required ½ weeks
033	Average	Suspended Solids	27	mg/l	20
033	Weeks 3-4	Suspended Solids	None	mg/l	Monitoring required ½ weeks
033	Weeks 3-4	pH	None	S.U.	Monitoring required ½ weeks
036	Weeks 3-4	Suspended Solids	None	mg/l	Monitoring required ½ weeks
036	Weeks 3-4	pH	None	S.U.	Monitoring required ½ weeks
037	Weeks 1-4	Suspended Solids	None	mg/l	Monitoring required ½ weeks
037	Weeks 1-4	pH	None	S.U.	Monitoring required ½ weeks
037	Monthly	Iron, Total	None	ug/l	Monitoring required 1/month
037	Weeks 3-4	Flow Rate	None	MGD	Monitoring required ½ weeks
037	Monthly	Manganese, Total	None	ug/l	Monitoring required 1/month
038	Weeks 1-4	pH	None	S.U.	Monitoring required ½ weeks
038	Monthly	Iron, Total	None	ug/l	Monitoring required 1/month
038	Weeks 1-4	Flow Rate	None	MGD	Monitoring required ½ weeks
038	Weeks 1-4	Suspended Solids	None	mg/l	Monitoring required ½ weeks
041	Weeks 3-4	pH	None	S.U.	Monitoring required ½ weeks
041	Weeks 3-4	Suspended Solids	None	mg/l	Monitoring required ½ weeks
041	Average	Suspended Solids	30	mg/l	20
March 2005:					
006	3/23	pH	9.46	S.U.	9.0 Maximum
006	Weeks 1-4	Flow Rate	None	MGD	Monitoring required ½ weeks
006	Weeks 1-2	Suspended Solids	None	mg/l	Monitoring required ½ weeks
009	Weeks 1-2	Flow Rate	None	MGD	Monitoring required ½ weeks
010	3/10	pH	9.02	S.U.	9.0 Maximum
016	Weeks 3-4	Flow Rate	None	MGD	Monitoring required ½ weeks
016	Weeks 3-4	Suspended Solids	None	mg/l	Monitoring required ½ weeks
022	3/23	pH	9.19	S.U.	9.0 Maximum
026	Weeks 1-2	Flow Rate	None	MGD	Monitoring required ½ weeks
026	Weeks 1-2	Suspended Solids	None	mg/l	Monitoring required ½ weeks
026	Weeks 1-2	pH	None	S.U.	Monitoring required ½ weeks
026	Average	Suspended Solids	86	mg/l	20
026	3/23	Suspended Solids	86	mg/l	30
027	Weeks 1-2	Flow Rate	None	MGD	Monitoring required ½ weeks
027	Weeks 1-2	Suspended Solids	None	mg/l	Monitoring required ½ weeks
027	Weeks 1-2	pH	None	S.U.	Monitoring required ½ weeks
030	Weeks 3-4	Flow Rate	None	MGD	Monitoring required ½ weeks
April 2005:					
009	Weeks 3-4	Flow Rate	None	MGD	Monitoring required ½ weeks
026	Average	Suspended Solids	60	mg/l	20

Outfall	Date	Parameter	Reported	Units	Permit Limitation
026	4/7&4/21	Suspended Solids	52-68	mg/l	30
033	Average	Suspended Solids	22	mg/l	20
038	Weeks 3-4	Flow Rate	None	MGD	Monitoring required ½ weeks
040	Average	Suspended Solids	34	mg/l	20
040	4/7&4/21	Suspended Solids	33-35	mg/l	30
May 2005:					
005	5/19	pH	9.02	S.U.	9.0 Maximum
019	5/19	pH	9.02	S.U.	9.0 Maximum
026	Average	Suspended Solids	41	mg/l	20
026	5/5	Suspended Solids	41	mg/l	30
June 2005:					
002	Weeks 3-4	Flow Rate	None	MGD	Monitoring required ½ weeks
006	Weeks 3-4	Flow Rate	None	MGD	Monitoring required ½ weeks
007	Average	Suspended Solids	35	mg/l	20
007	6/16	Suspended Solids	60	mg/l	30
July 2005:					
001	7/21	pH	4.39	S.U.	6.5 Minimum
001	Average	Suspended Solids	40	mg/l	20
001	7/21	Suspended Solids	55	mg/l	30
006	7/21	pH	9.26	S.U.	9.0 Maximum
006	Weeks 3-4	Flow Rate	None	MGD	Monitoring required ½ weeks
007	Average	Suspended Solids	27	mg/l	20
007	7/7	pH	3.65	S.U.	6.5 Minimum
009	Weeks 3-4	Flow Rate	None	MGD	Monitoring required ½ weeks
019	Weeks 3-4	Flow Rate	None	MGD	Monitoring required ½ weeks
024	Weeks 3-4	Flow Rate	None	MGD	Monitoring required ½ weeks
025	Monthly	Manganese, Total	None	ug/l	Monitoring required 1/month
025	Monthly	Iron, Total	None	ug/l	Monitoring required 1/month
025	Weeks 1-2	Flow Rate	None	MGD	Monitoring required ½ weeks
025	7/21	pH	9.12	S.U.	9.0 Maximum
August 2005:					
001	8/4	pH	9.15	S.U.	9.0 Maximum
004	Weeks 3-4	Flow Rate	None	MGD	Monitoring required ½ weeks
September 2005:					
001	9/1	pH	3.11	S.U.	6.5 Minimum
004	Average	Suspended Solids	71	mg/l	20
004	9/1&9/15	Suspended Solids	41&101	mg/l	30
005	9/1	pH	6.41	S.U.	6.5 Minimum
006	9/1	pH	5.31	S.U.	6.5 Minimum
006	9/15	pH	9.2	S.U.	9.0 Maximum
006	Weeks 3-4	Flow Rate	None	MGD	Monitoring required ½ weeks
007	9/1	pH	3.53	S.U.	6.5 Minimum
007	Average	Suspended Solids	28	mg/l	20
007	9/1	Suspended Solids	38	mg/l	30
008	9/1	pH	3.13	S.U.	6.5 Minimum
009	9/1	pH	4.81	S.U.	6.5 Minimum
009	Average	Suspended Solids	21	mg/l	20
010	9/1	pH	4.72	S.U.	6.5 Minimum
014	Monthly	Manganese, Total	None	ug/l	Monitoring required 1/month
014	Monthly	Iron, Total	None	ug/l	Monitoring required 1/month
014	Weeks 3-4	Flow Rate	None	MGD	Monitoring required ½ weeks
016	Average	Suspended Solids	41	mg/l	20
016	9/1	Suspended Solids	41	mg/l	30
016	Weeks 3-4	Flow Rate	None	MGD	Monitoring required ½ weeks
022	9/1	pH	4.67	S.U.	6.5 Minimum
024	Average	Suspended Solids	25	mg/l	20

Outfall	Date	Parameter	Reported	Units	Permit Limitation
033	Average	Suspended Solids	39	mg/l	20
033	9/1	Suspended Solids	39	mg/l	30
038	9/1	pH	4.73	S.U.	6.5 Minimum
041	9/1	pH	4.69	S.U.	6.5 Minimum
041	Weeks 3-4	Flow Rate	None	MGD	Monitoring required ½ weeks
041	Weeks 3-4	Suspended Solids	None	mg/l	Monitoring required ½ weeks
041	Weeks 3-4	pH	None	S.U.	Monitoring required ½ weeks
October 2005:					
007	10/6&10/20	pH	5.06-6.22	S.U.	6.5 Minimum
November 2005:					
005	11/3&11/17	pH	5.44&5.78	S.U.	6.5 Minimum
007	11/17	pH	4.35	S.U.	6.5 Minimum
007	Average	Suspended Solids	986	mg/l	20
007	11/3&11/17	Suspended Solids	71&1900	mg/l	30
007	11/3	pH	11.54	S.U.	9.0 Maximum
010	11/17	pH	5.86	S.U.	6.5 Minimum
024	Average	Suspended Solids	157	mg/l	20
024	11/3&11/17	Suspended Solids	146-168	mg/l	30
033	Average	Suspended Solids	40	mg/l	20
033	11/17	Suspended Solids	40	mg/l	30
037	Average	Suspended Solids	107	mg/l	20
037	11/17	Suspended Solids	107	mg/l	30
040	Average	Suspended Solids	44	mg/l	20
040	11/17	Suspended Solids	60	mg/l	30
December 2005:					
002	Weeks 3-4	Flow Rate	None	MGD	Monitoring required ½ weeks
007	12/1&12/15	pH	9.27-9.38	S.U.	9.0 Maximum
024	Average	Suspended Solids	63	mg/l	20
024	12/1	Suspended Solids	114	mg/l	30
025	Average	Suspended Solids	22	mg/l	20
030	Average	Suspended Solids	33	mg/l	20
030	12/1	Suspended Solids	33	mg/l	30
040	Average	Suspended Solids	36	mg/l	20
040	12/1	Suspended Solids	58	mg/l	30
January 2006:					
001	1/5	pH	5.11	S.U.	6.5 Minimum
002	Weeks 3-4	Flow Rate	None	MGD	Monitoring required ½ weeks
005	1/5	pH	6.24	S.U.	6.5 Minimum
008	1/5&1/19	pH	4.86-4.98	S.U.	6.5 Minimum
009	Weeks 3-4	Flow Rate	None	MGD	Monitoring required ½ weeks
010	Weeks 3-4	Flow Rate	None	MGD	Monitoring required ½ weeks
033	Average	Suspended Solids	35	mg/l	20
033	1/5	Suspended Solids	62	mg/l	30
041	1/5	pH	4.56	S.U.	6.5 Minimum
041	1/19	pH	11.16	S.U.	9.0 Maximum
February 2006:					
001	Average	Suspended Solids	25	mg/l	20
001	2/2&2/16	pH	6.25-6.28	S.U.	6.5 Minimum
006	2/16	pH	9.33	S.U.	9.0 Maximum
007	2/16	pH	6.24	S.U.	6.5 Minimum
019	Average	Suspended Solids	61	mg/l	20
019	2/16	Suspended Solids	122	mg/l	30
024	Average	Suspended Solids	29	mg/l	20
024	2/2	Suspended Solids	50	mg/l	30
March 2006:					
008	3/16	pH	5.45	S.U.	6.5 Minimum

Outfall	Date	Parameter	Reported	Units	Permit Limitation
024	Monthly	Manganese, Total	None	ug/l	Monitoring required 1/month
024	Monthly	Iron, Total	None	ug/l	Monitoring required 1/month
038	Average	Suspended Solids	24	mg/l	20
040	Average	Suspended Solids	42	mg/l	20
040	3/16	Suspended Solids	68	mg/l	30
April 2006:					
027	4/6	pH	9.07	S.U.	9.0 Maximum
040	Average	Suspended Solids	33	mg/l	20
040	4/6	Suspended Solids	52	mg/l	30
May 2006:					
001	5/19	pH	3.53	S.U.	6.5 Minimum
005	5/19	pH	6.48	S.U.	6.5 Minimum
006	5/19	pH	4.26	S.U.	6.5 Minimum
007	5/19	pH	3.28	S.U.	6.5 Minimum
007	5/19	Suspended Solids	39	mg/l	30
008	5/19	pH	3.67	S.U.	6.5 Minimum
016	Average	Suspended Solids	61	mg/l	20
016	5/19	Suspended Solids	61	mg/l	30
019	Average	Suspended Solids	53	mg/l	20
019	5/19	Suspended Solids	102	mg/l	30
024	Average	Suspended Solids	54	mg/l	20
024	5/19	Suspended Solids	54	mg/l	30
025	Average	Suspended Solids	29	mg/l	20
026	Average	Suspended Solids	61	mg/l	20
026	5/19	Suspended Solids	61	mg/l	30
028	Average	Suspended Solids	30	mg/l	20
030	Average	Suspended Solids	39	mg/l	20
030	5/19	Suspended Solids	39	mg/l	30
033	Average	Suspended Solids	51	mg/l	20
033	5/19	Suspended Solids	51	mg/l	30
037	Average	Suspended Solids	66	mg/l	20
037	5/19	Suspended Solids	66	mg/l	30
038	Average	Suspended Solids	30	mg/l	20
040	Average	Suspended Solids	34	mg/l	20
040	5/19	Suspended Solids	56	mg/l	30
041	5/19	pH	3.94	S.U.	6.5 Minimum
June 2006:					
007	6/15	pH	4.56	S.U.	6.5 Minimum
July 2006:					
033	Average	Suspended Solids	68	mg/l	20
033	7/6	Suspended Solids	68	mg/l	30
040	Average	Suspended Solids	34	mg/l	20
040	7/6	Suspended Solids	66	mg/l	30
August 2006:					
002	Weeks 3-4	Suspended Solids	None	mg/l	Monitoring required ½ weeks
002	Weeks 3-4	Flow Rate	None	MGD	Monitoring required ½ weeks
002	Weeks 3-4	pH	None	S.U.	Monitoring required ½ weeks
007	8/3	pH	5.36	S.U.	6.5 Minimum
009	Weeks 3-4	Suspended Solids	None	mg/l	Monitoring required ½ weeks
009	Weeks 3-4	Flow Rate	None	MGD	Monitoring required ½ weeks
009	Weeks 3-4	pH	None	S.U.	Monitoring required ½ weeks
014	8/29	pH	4.5	S.U.	6.5 Minimum
014	Weeks 3-4	Suspended Solids	None	mg/l	Monitoring required ½ weeks
014	Weeks 3-4	Flow Rate	None	MGD	Monitoring required ½ weeks
014	Weeks 3-4	pH	None	S.U.	Monitoring required ½ weeks
016	Weeks 3-4	Suspended Solids	None	mg/l	Monitoring required ½ weeks

Outfall	Date	Parameter	Reported	Units	Permit Limitation
016	Weeks 3-4	Flow Rate	None	MGD	Monitoring required ½ weeks
016	Weeks 3-4	pH	None	S.U.	Monitoring required ½ weeks
016	Average	Suspended Solids	64	mg/l	20
016	8/30	Suspended Solids	104	mg/l	30
019	Weeks 3-4	Suspended Solids	None	mg/l	Monitoring required ½ weeks
019	Weeks 3-4	Flow Rate	None	MGD	Monitoring required ½ weeks
019	Weeks 3-4	pH	None	S.U.	Monitoring required ½ weeks
022	Weeks 3-4	Suspended Solids	None	mg/l	Monitoring required ½ weeks
022	Weeks 3-4	Flow Rate	None	MGD	Monitoring required ½ weeks
022	Weeks 3-4	pH	None	S.U.	Monitoring required ½ weeks
025	Weeks 3-4	Suspended Solids	None	mg/l	Monitoring required ½ weeks
025	Weeks 3-4	Flow Rate	None	MGD	Monitoring required ½ weeks
025	Weeks 3-4	pH	None	S.U.	Monitoring required ½ weeks
030	Weeks 3-4	Suspended Solids	None	mg/l	Monitoring required ½ weeks
030	Weeks 3-4	Flow Rate	None	MGD	Monitoring required ½ weeks
030	Weeks 3-4	pH	None	S.U.	Monitoring required ½ weeks
036	Weeks 3-4	Suspended Solids	None	mg/l	Monitoring required ½ weeks
036	Weeks 3-4	Flow Rate	None	MGD	Monitoring required ½ weeks
036	Weeks 3-4	pH	None	S.U.	Monitoring required ½ weeks
036	Average	Suspended Solids	40	mg/l	20
036	8/4	Suspended Solids	51	mg/l	30
040	Average	Suspended Solids	89	mg/l	20
040	8/4	Suspended Solids	89	mg/l	30
September 2006:					
007	9/7&9/21	pH	3.11-4.62	S.U.	6.5 Minimum
009	Average	Suspended Solids	24	mg/l	20
010	9/21	pH	5.67	S.U.	6.5 Minimum
019	Average	Suspended Solids	31	mg/l	20
019	9/13	Suspended Solids	50	mg/l	30
033	Average	Suspended Solids	318	mg/l	20
033	9/21	Suspended Solids	318	mg/l	30
036	Average	Suspended Solids	22	mg/l	20
036	9/13	Suspended Solids	35	mg/l	30
040	Average	Suspended Solids	104	mg/l	20
040	9/21	Suspended Solids	104	mg/l	30
October 2006:					
001	Average	Suspended Solids	26	mg/l	20
004	Average	Suspended Solids	22	mg/l	20
004	10/5	Suspended Solids	42	mg/l	30
006	10/23	pH	6.0	S.U.	6.5 Minimum
007	10/5&10/23	pH	3.25-3.38	S.U.	6.5 Minimum
007	Average	Suspended Solids	24	mg/l	20
007	10/23	Suspended Solids	41	mg/l	30
008	10/23	pH	4.89	S.U.	6.5 Minimum
024	Average	Suspended Solids	26	mg/l	20
024	10/23	Suspended Solids	35	mg/l	30
033	Average	Suspended Solids	62	mg/l	20
033	10/23	Suspended Solids	62	mg/l	30
036	10/5	Suspended Solids	31	mg/l	30
040	Average	Suspended Solids	54	mg/l	20
040	10/5&10/23	Suspended Solids	48-60	mg/l	30
November 2006:					
006	11/22	pH	6.49	S.U.	6.5 Minimum
007	11/6&11/22	pH	3.26-3.49	S.U.	6.5 Minimum
008	11/22	pH	5.58	S.U.	6.5 Minimum
024	Average	Suspended Solids	42	mg/l	20

Outfall	Date	Parameter	Reported	Units	Permit Limitation
024	11/22	Suspended Solids	57	mg/l	30
028	Average	Suspended Solids	29	mg/l	20
033	Average	Suspended Solids	37	mg/l	20
033	11/22	Suspended Solids	37	mg/l	30
037	Average	Suspended Solids	55	mg/l	20
037	11/22	Suspended Solids	55	mg/l	30
December 2006:					
001	Monthly	Manganese, Total	None	ug/l	Monitoring required 1/month
001	Monthly	Iron, Total	None	ug/l	Monitoring required 1/month
001	Weeks 1-4	Flow Rate	None	MGD	Monitoring required ½ weeks
001	Weeks 1-4	Suspended Solids	None	mg/l	Monitoring required ½ weeks
001	Weeks 3-4	pH	None	S.U.	Monitoring required ½ weeks
006	12/7	pH	5.91	S.U.	6.5 Minimum
007	12/7	pH	3.35	S.U.	6.5 Minimum
January 2007:					
007	1/4 & 1/18	pH	3.1-3.9	S.U.	6.5 Minimum
008	1/18	pH	4.08	S.U.	6.5 Minimum
009	1/18	pH	5.77	S.U.	6.5 Minimum
014	1/18	pH	9.15	S.U.	9.0 Maximum
022	1/18	pH	6.19	S.U.	6.5 Minimum
024	Average	Suspended Solids	36	mg/l	20
024	1/18	Suspended Solids	61	mg/l	30
025	1/18	pH	4.89	S.U.	6.5 Minimum
028	Average	Suspended Solids	45	mg/l	20
028	1/18	Suspended Solids	45	mg/l	30
033	Average	Suspended Solids	34	mg/l	20
033	1/4	Suspended Solids	64	mg/l	30
040	Average	Suspended Solids	32	mg/l	20
040	1/4	Suspended Solids	34	mg/l	30
049	Average	Suspended Solids	30	mg/l	20
February 2007:					
005	Average	Suspended Solids	22	mg/l	20
005	2/22	Suspended Solids	43	mg/l	30
006	2/1	pH	9.11	S.U.	9.0 Maximum
007	2/22	pH	3.44	S.U.	6.5 Minimum
007	2/1	pH	9.37	S.U.	9.0 Maximum
007	Average	Suspended Solids	25	mg/l	20
007	2/22	Suspended Solids	48	mg/l	30
008	2/1	pH	4.84	S.U.	6.5 Minimum
009	2/1	pH	6.22	S.U.	6.5 Minimum
010	2/22	pH	5.61	S.U.	6.5 Minimum
010	2/22	Suspended Solids	33	mg/l	30
016	Average	Suspended Solids	36	mg/l	20
016	2/22	Suspended Solids	36	mg/l	30
019	Average	Suspended Solids	27	mg/l	20
019	2/22	Suspended Solids	48	mg/l	30
024	Average	Suspended Solids	21	mg/l	20
025	2/1&2/22	pH	5.17-6.43	S.U.	6.5 Minimum
028	Average	Suspended Solids	21	mg/l	20
033	Average	Suspended Solids	473	mg/l	20
033	2/22	Suspended Solids	473	mg/l	30
036	Average	Suspended Solids	36	mg/l	20
036	2/22	Suspended Solids	36	mg/l	30
049	Average	Suspended Solids	40	mg/l	20
049	2/22	Suspended Solids	40	mg/l	30

Outfall	Date	Parameter	Reported	Units	Permit Limitation
March 2007:					
006	3/9	pH	5.89	S.U.	6.5 Minimum
007	3/9	pH	4.3	S.U.	6.5 Minimum
008	3/9	pH	6.08	S.U.	6.5 Minimum
008	3/22	pH	9.18	S.U.	9.0 Maximum
019	Average	Suspended Solids	32	mg/l	20
019	3/22	Suspended Solids	50	mg/l	30
024	Average	Suspended Solids	48	mg/l	20
024	3/9&3/22	Suspended Solids	43-52	mg/l	30
041	3/22	pH	4.98	S.U.	6.5 Minimum
April 2007:					
037	Average	Suspended Solids	27	mg/l	20
049	Average	Suspended Solids	23	mg/l	20
049	4/19	Suspended Solids	38	mg/l	30
May 2007:					
008	5/3	pH	6.36	S.U.	6.5 Minimum
008	Weeks 3-4	pH	None	S.U.	Monitoring required ½ weeks
014	Average	Suspended Solids	31	mg/l	20
014	5/3	Suspended Solids	31	mg/l	30
036	Average	Suspended Solids	22	mg/l	20
037	Average	Suspended Solids	38	mg/l	20
037	5/3	Suspended Solids	38	mg/l	30
040	Average	Suspended Solids	37	mg/l	20
040	5/3	Suspended Solids	48	mg/l	30
049	Average	Suspended Solids	60	mg/l	20
049	5/3	Suspended Solids	60	mg/l	30
June 2007:					
004	6/28	pH	4.0	S.U.	6.5 Minimum
024	Average	Suspended Solids	23	mg/l	20
July 2007:					
001	7/26	pH	5.27	S.U.	6.5 Minimum
007	7/12	pH	3.48	S.U.	6.5 Minimum
010	Weeks 3-4	Suspended Solids	None	mg/l	Monitoring required ½ weeks
010	Weeks 3-4	Flow Rate	None	MGD	Monitoring required ½ weeks
010	Weeks 3-4	pH	None	S.U.	Monitoring required ½ weeks
024	Weeks 3-4	Suspended Solids	None	mg/l	Monitoring required ½ weeks
024	Weeks 3-4	Flow Rate	None	MGD	Monitoring required ½ weeks
024	Weeks 3-4	pH	None	S.U.	Monitoring required ½ weeks
August 2007:					
001	Average	Manganese, Total	7630	ug/l	2000
001	8/9	Manganese, Total	7630	ug/l	4000
001	8/23	pH	5.51	S.U.	6.5 Minimum
004	Average	Manganese, Total	2810	ug/l	2000
005	Average	Manganese, Total	3930	ug/l	2000
005	8/23	pH	5.79	S.U.	6.5 Minimum
006	8/23	pH	4.52	S.U.	6.5 Minimum
007	Average	Suspended Solids	5004	mg/l	20
007	8/23	Suspended Solids	10000	mg/l	30
007	8/23	pH	2.93	S.U.	6.5 Minimum
009	8/23	pH	6.33	S.U.	6.5 Minimum
016	Average	Suspended Solids	54	mg/l	20
016	8/23	Suspended Solids	54	mg/l	30
022	8/23	pH	5.57	S.U.	6.5 Minimum
038	Average	Suspended Solids	26	mg/l	20
September 2007:					
001	Average	Manganese, Total	4460	ug/l	2000

Outfall	Date	Parameter	Reported	Units	Permit Limitation
001	9/6	Manganese, Total	4460	ug/l	4000
004	Average	Manganese, Total	3310	ug/l	2000
007	9/6	pH	10.4	S.U.	9.0 Maximum
October 2007:					
001	Average	Manganese, Total	7410	ug/l	2000
001	10/11	Manganese, Total	7410	ug/l	4000
004	Average	Manganese, Total	2470	ug/l	2000
005	Average	Manganese, Total	2160	ug/l	2000
006	Average	Suspended Solids	39	mg/l	20
006	Average	Manganese, Total	9540	ug/l	2000
006	10/25	Manganese, Total	9540	ug/l	4000
006	10/25	pH	4.6	S.U.	6.5 Minimum
006	10/25	Suspended Solids	39	mg/l	30
007	Average	Suspended Solids	134	mg/l	20
007	10/11&10/25	Suspended Solids	75-193	mg/l	30
009	Weeks 1-2	pH	None	S.U.	Monitoring required ½ weeks
009	Weeks 1-2	Flow Rate	None	MGD	Monitoring required ½ weeks
009	Weeks 1-2	Suspended Solids	None	mg/l	Monitoring required ½ weeks
026	Weeks 1-2	Flow Rate	None	MGD	Monitoring required ½ weeks
026	Weeks 1-2	Suspended Solids	None	mg/l	Monitoring required ½ weeks
026	Average	Suspended Solids	36	mg/l	20
026	10/25	Suspended Solids	36	mg/l	30
026	Weeks 1-2	pH	None	S.U.	Monitoring required ½ weeks
027	Weeks 1-2	pH	None	S.U.	Monitoring required ½ weeks
027	Weeks 1-2	Flow Rate	None	MGD	Monitoring required ½ weeks
027	Weeks 1-2	Suspended Solids	None	mg/l	Monitoring required ½ weeks
038	Weeks 1-2	pH	None	S.U.	Monitoring required ½ weeks
038	Weeks 1-2	Flow Rate	None	MGD	Monitoring required ½ weeks
038	Weeks 1-2	Suspended Solids	None	mg/l	Monitoring required ½ weeks
038	Average	Suspended Solids	22	mg/l	20
November 2007:					
004	Weeks 3-4	Flow Rate	None	MGD	Monitoring required ½ weeks
004	Average	Manganese, Total	5530	ug/l	2000
004	11/7	Manganese, Total	5530	ug/l	4000
005	Weeks 3-4	Suspended Solids	None	mg/l	Monitoring required ½ weeks
005	Weeks 3-4	pH	None	S.U.	Monitoring required ½ weeks
005	Weeks 3-4	Flow Rate	None	MGD	Monitoring required ½ weeks
005	Average	Suspended Solids	39	mg/l	20
005	11/29	Suspended Solids	39	mg/l	30
005	Average	Manganese, Total	2800	ug/l	2000
007	Average	Manganese, Total	3520	ug/l	2000
022	Weeks 3-4	pH	None	S.U.	Monitoring required ½ weeks
022	Weeks 3-4	Flow Rate	None	MGD	Monitoring required ½ weeks
022	Weeks 3-4	Suspended Solids	None	mg/l	Monitoring required ½ weeks
022	Average	Suspended Solids	44	mg/l	20
022	11/29	Suspended Solids	44	mg/l	30
022	11/29	pH	6.18	S.U.	6.5 Minimum
024	Weeks 3-4	pH	None	S.U.	Monitoring required ½ weeks
024	Weeks 3-4	Flow Rate	None	MGD	Monitoring required ½ weeks
024	Weeks 3-4	Suspended Solids	None	mg/l	Monitoring required ½ weeks
024	Average	Suspended Solids	27	mg/l	20
029	Weeks 3-4	pH	None	S.U.	Monitoring required ½ weeks
029	Weeks 3-4	Flow Rate	None	MGD	Monitoring required ½ weeks
029	Weeks 3-4	Suspended Solids	None	mg/l	Monitoring required ½ weeks
030	Weeks 3-4	pH	None	S.U.	Monitoring required ½ weeks
030	Weeks 3-4	Flow Rate	None	MGD	Monitoring required ½ weeks

Outfall	Date	Parameter	Reported	Units	Permit Limitation
030	Weeks 3-4	Suspended Solids	None	mg/l	Monitoring required ½ weeks
036	Weeks 3-4	pH	None	S.U.	Monitoring required ½ weeks
036	Weeks 3-4	Flow Rate	None	MGD	Monitoring required ½ weeks
036	Weeks 3-4	Suspended Solids	None	mg/l	Monitoring required ½ weeks
036	Average	Suspended Solids	21	mg/l	20
037	Weeks 3-4	pH	None	S.U.	Monitoring required ½ weeks
037	Weeks 3-4	Flow Rate	None	MGD	Monitoring required ½ weeks
037	Weeks 3-4	Suspended Solids	None	mg/l	Monitoring required ½ weeks
037	Average	Suspended Solids	50	mg/l	20
037	11/29	Suspended Solids	50	mg/l	30
038	Weeks 3-4	pH	None	S.U.	Monitoring required ½ weeks
038	Weeks 3-4	Flow Rate	None	MGD	Monitoring required ½ weeks
038	Weeks 3-4	Suspended Solids	None	mg/l	Monitoring required ½ weeks
038	Average	Suspended Solids	30	mg/l	20
040	Weeks 3-4	pH	None	S.U.	Monitoring required ½ weeks
040	Weeks 3-4	Flow Rate	None	MGD	Monitoring required ½ weeks
040	Weeks 3-4	Suspended Solids	None	mg/l	Monitoring required ½ weeks
040	Average	Suspended Solids	23	mg/l	20
December 2007:					
001	Average	Suspended Solids	95	mg/l	20
001	12/13	Suspended Solids	160	mg/l	30
001	12/13&12/31	pH	6.03-6.22	S.U.	6.5 Minimum
001	Average	Iron, Total	8470	ug/l	3500
001	12/13	Iron, Total	8470	ug/l	7000
001	Average	Manganese, Total	3610	ug/l	2000
001	Weeks 3-4	pH	None	S.U.	Monitoring required ½ weeks
001	Weeks 3-4	Flow Rate	None	MGD	Monitoring required ½ weeks
001	Weeks 3-4	Suspended Solids	None	mg/l	Monitoring required ½ weeks
002	Weeks 3-4	pH	None	S.U.	Monitoring required ½ weeks
002	Weeks 3-4	Flow Rate	None	MGD	Monitoring required ½ weeks
002	Weeks 3-4	Suspended Solids	None	mg/l	Monitoring required ½ weeks
004	Average	Suspended Solids	21	mg/l	20
004	12/31	Suspended Solids	31	mg/l	30
004	Average	Manganese, Total	7720	ug/l	2000
004	12/13	Manganese, Total	7720	ug/l	4000
004	Weeks 3-4	pH	None	S.U.	Monitoring required ½ weeks
004	Weeks 3-4	Flow Rate	None	MGD	Monitoring required ½ weeks
004	Weeks 3-4	Suspended Solids	None	mg/l	Monitoring required ½ weeks
005	Average	Suspended Solids	31	mg/l	20
005	12/13	Suspended Solids	57	mg/l	30
005	Average	Manganese, Total	4470	ug/l	2000
005	12/13	Manganese, Total	4470	ug/l	4000
005	Weeks 3-4	pH	None	S.U.	Monitoring required ½ weeks
005	Weeks 3-4	Flow Rate	None	MGD	Monitoring required ½ weeks
005	Weeks 3-4	Suspended Solids	None	mg/l	Monitoring required ½ weeks
006	Average	Suspended Solids	37	mg/l	20
006	12/13	Suspended Solids	65	mg/l	30
006	12/13	pH	4.55	S.U.	6.5 Minimum
006	Average	Iron, Total	7120	ug/l	3500
006	12/13	Iron, Total	7120	ug/l	7000
006	Average	Manganese, Total	9870	ug/l	2000
006	12/13	Manganese, Total	9870	ug/l	4000
006	Weeks 3-4	pH	None	S.U.	Monitoring required ½ weeks
006	Weeks 3-4	Flow Rate	None	MGD	Monitoring required ½ weeks
006	Weeks 3-4	Suspended Solids	None	mg/l	Monitoring required ½ weeks
007	Average	Suspended Solids	68	mg/l	20

Outfall	Date	Parameter	Reported	Units	Permit Limitation
007	12/13	Suspended Solids	132	mg/l	30
007	12/13	pH	3.72	S.U.	6.5 Minimum
007	Average	Iron, Total	17600	ug/l	3500
007	12/13	Iron, Total	17600	ug/l	7000
007	Average	Manganese, Total	2820	ug/l	2000
007	Weeks 3-4	pH	None	S.U.	Monitoring required ½ weeks
007	Weeks 3-4	Flow Rate	None	MGD	Monitoring required ½ weeks
007	Weeks 3-4	Suspended Solids	None	mg/l	Monitoring required ½ weeks
008	12/13	pH	9.16	S.U.	9.0 Maximum
008	Weeks 3-4	pH	None	S.U.	Monitoring required ½ weeks
008	Weeks 3-4	Flow Rate	None	MGD	Monitoring required ½ weeks
008	Weeks 3-4	Suspended Solids	None	mg/l	Monitoring required ½ weeks
009	Weeks 3-4	pH	None	S.U.	Monitoring required ½ weeks
009	Weeks 3-4	Flow Rate	None	MGD	Monitoring required ½ weeks
009	Weeks 3-4	Suspended Solids	None	mg/l	Monitoring required ½ weeks
010	12/13	Suspended Solids	36	mg/l	30
010	Weeks 3-4	pH	None	S.U.	Monitoring required ½ weeks
010	Weeks 3-4	Flow Rate	None	MGD	Monitoring required ½ weeks
010	Weeks 3-4	Suspended Solids	None	mg/l	Monitoring required ½ weeks
014	Average	Suspended Solids	38	mg/l	20
014	12/13	Suspended Solids	38	mg/l	30
014	12/13	pH	6.48	S.U.	6.5 Minimum
014	Average	Manganese, Total	3040	ug/l	2000
014	Weeks 3-4	pH	None	S.U.	Monitoring required ½ weeks
014	Weeks 3-4	Flow Rate	None	MGD	Monitoring required ½ weeks
014	Weeks 3-4	Suspended Solids	None	mg/l	Monitoring required ½ weeks
016	Average	Suspended Solids	247	mg/l	20
016	12/13	Suspended Solids	247	mg/l	30
016	Average	Iron, Total	13500	ug/l	3500
016	12/13	Iron, Total	13500	ug/l	7000
016	Weeks 3-4	pH	None	S.U.	Monitoring required ½ weeks
016	Weeks 3-4	Flow Rate	None	MGD	Monitoring required ½ weeks
016	Weeks 3-4	Suspended Solids	None	mg/l	Monitoring required ½ weeks
022	Average	Manganese, Total	4530	ug/l	2000
022	12/13	Manganese, Total	4530	ug/l	4000
022	12/13	Suspended Solids	33	mg/l	30
022	12/31	pH	5.74	S.U.	6.5 Minimum
022	Weeks 3-4	pH	None	S.U.	Monitoring required ½ weeks
022	Weeks 3-4	Flow Rate	None	MGD	Monitoring required ½ weeks
022	Weeks 3-4	Suspended Solids	None	mg/l	Monitoring required ½ weeks
024	Average	Suspended Solids	22	mg/l	20
024	12/13	Suspended Solids	36	mg/l	30
024	Weeks 3-4	pH	None	S.U.	Monitoring required ½ weeks
024	Weeks 3-4	Flow Rate	None	MGD	Monitoring required ½ weeks
024	Weeks 3-4	Suspended Solids	None	mg/l	Monitoring required ½ weeks
025	Average	Suspended Solids	21	mg/l	20
025	Weeks 3-4	pH	None	S.U.	Monitoring required ½ weeks
025	Weeks 3-4	Flow Rate	None	MGD	Monitoring required ½ weeks
025	Weeks 3-4	Suspended Solids	None	mg/l	Monitoring required ½ weeks
027	Average	Suspended Solids	100	mg/l	20
027	12/13	Suspended Solids	100	mg/l	30
027	Average	Iron, Total	4540	ug/l	3500
027	Weeks 3-4	pH	None	S.U.	Monitoring required ½ weeks
027	Weeks 3-4	Flow Rate	None	MGD	Monitoring required ½ weeks
027	Weeks 3-4	Suspended Solids	None	mg/l	Monitoring required ½ weeks
028	Average	Suspended Solids	49	mg/l	20

Outfall	Date	Parameter	Reported	Units	Permit/Limitation
028	12/13	Suspended Solids	49	mg/l	30
028	Weeks 3-4	pH	None	S.U.	Monitoring required ½ weeks
028	Weeks 3-4	Flow Rate	None	MGD	Monitoring required ½ weeks
028	Weeks 3-4	Suspended Solids	None	mg/l	Monitoring required ½ weeks
029	Average	Suspended Solids	38	mg/l	20
029	12/13	Suspended Solids	68	mg/l	30
029	Weeks 3-4	pH	None	S.U.	Monitoring required ½ weeks
029	Weeks 3-4	Flow Rate	None	MGD	Monitoring required ½ weeks
029	Weeks 3-4	Suspended Solids	None	mg/l	Monitoring required ½ weeks
030	Average	Suspended Solids	32	mg/l	20
030	12/13	Suspended Solids	60	mg/l	30
030	Weeks 3-4	pH	None	S.U.	Monitoring required ½ weeks
030	Weeks 3-4	Flow Rate	None	MGD	Monitoring required ½ weeks
030	Weeks 3-4	Suspended Solids	None	mg/l	Monitoring required ½ weeks
033	Average	Suspended Solids	540	mg/l	20
033	12/13	Suspended Solids	540	mg/l	30
033	Average	Iron, Total	27000	ug/l	3500
033	12/13	Iron, Total	27000	ug/l	7000
033	Weeks 3-4	pH	None	S.U.	Monitoring required ½ weeks
033	Weeks 3-4	Flow Rate	None	MGD	Monitoring required ½ weeks
033	Weeks 3-4	Suspended Solids	None	mg/l	Monitoring required ½ weeks
036	Average	Suspended Solids	90	mg/l	20
036	12/13	Suspended Solids	164	mg/l	30
036	Average	Iron, Total	6990	ug/l	3500
036	Weeks 3-4	pH	None	S.U.	Monitoring required ½ weeks
036	Weeks 3-4	Flow Rate	None	MGD	Monitoring required ½ weeks
036	Weeks 3-4	Suspended Solids	None	mg/l	Monitoring required ½ weeks
037	Average	Suspended Solids	46	mg/l	20
037	12/13	Suspended Solids	66	mg/l	30
037	Weeks 3-4	pH	None	S.U.	Monitoring required ½ weeks
037	Weeks 3-4	Flow Rate	None	MGD	Monitoring required ½ weeks
037	Weeks 3-4	Suspended Solids	None	mg/l	Monitoring required ½ weeks
038	Average	Suspended Solids	63	mg/l	20
038	12/13&12/31	Suspended Solids	34-91	mg/l	30
038	Average	Iron, Total	3810	ug/l	3500
038	Weeks 3-4	pH	None	S.U.	Monitoring required ½ weeks
038	Weeks 3-4	Flow Rate	None	MGD	Monitoring required ½ weeks
038	Weeks 3-4	Suspended Solids	None	mg/l	Monitoring required ½ weeks
040	Weeks 3-4	pH	None	S.U.	Monitoring required ½ weeks
040	Weeks 3-4	Flow Rate	None	MGD	Monitoring required ½ weeks
040	Weeks 3-4	Suspended Solids	None	mg/l	Monitoring required ½ weeks
041	Average	Suspended Solids	37	mg/l	20
041	12/13	Suspended Solids	37	mg/l	30
041	Weeks 3-4	pH	None	S.U.	Monitoring required ½ weeks
041	Weeks 3-4	Flow Rate	None	MGD	Monitoring required ½ weeks
041	Weeks 3-4	Suspended Solids	None	mg/l	Monitoring required ½ weeks
049	Average	Suspended Solids	50	mg/l	20
049	12/13	Suspended Solids	50	mg/l	30
049	Weeks 3-4	pH	None	S.U.	Monitoring required ½ weeks
049	Weeks 3-4	Flow Rate	None	MGD	Monitoring required ½ weeks
049	Weeks 3-4	Suspended Solids	None	mg/l	Monitoring required ½ weeks
January 2008:					
001	Average	Suspended Solids	30	mg/l	20
001	1/24	Suspended Solids	41	mg/l	30
001	Average	Manganese, Total	8780	ug/l	2000
001	1/9	Manganese, Total	8780	ug/l	4000

Outfall	Date	Parameter	Reported	Units	Permit Limitation
004	Average	Manganese, Total	15800	ug/l	2000
004	1/9	Manganese, Total	15800	ug/l	4000
005	Average	Manganese, Total	11000	ug/l	2000
005	1/9	Manganese, Total	11000	ug/l	4000
006	Average	Manganese, Total	6700	ug/l	2000
006	1/9	Manganese, Total	6700	ug/l	4000
007	Average	Manganese, Total	5750	ug/l	2000
007	1/9	Manganese, Total	5750	ug/l	4000
009	Average	Manganese, Total	3270	ug/l	2000
010	Average	Manganese, Total	7730	ug/l	2000
010	1/9	Manganese, Total	7730	ug/l	4000
016	Average	Iron, Total	5100	ug/l	3500
016	Average	Suspended Solids	90	mg/l	20
016	1/9	Suspended Solids	90	mg/l	30
022	Average	Suspended Solids	31	mg/l	20
022	1/9	Suspended Solids	31	mg/l	30
025	Average	Manganese, Total	2120	ug/l	2000
029	Average	Suspended Solids	37	mg/l	20
029	1/9	Suspended Solids	37	mg/l	30
030	Average	Suspended Solids	34	mg/l	20
030	1/9	Suspended Solids	34	mg/l	30
036	Average	Suspended Solids	63	mg/l	20
036	1/9	Suspended Solids	63	mg/l	30
037	Average	Suspended Solids	65	mg/l	20
037	1/9	Suspended Solids	65	mg/l	30
038	Average	Suspended Solids	49	mg/l	20
038	1/9	Suspended Solids	49	mg/l	30
040	Average	Suspended Solids	44	mg/l	20
040	1/9	Suspended Solids	44	mg/l	30
February 2008:					
001	Average	Manganese, Total	7760	ug/l	2000
001	2/7	Manganese, Total	7760	ug/l	4000
004	Average	Manganese, Total	8070	ug/l	2000
004	2/7	Manganese, Total	8070	ug/l	4000
005	Average	Manganese, Total	7620	ug/l	2000
005	2/7	Manganese, Total	7620	ug/l	4000
006	Average	Manganese, Total	3840	ug/l	2000
006	2/7	pH	6.33	S.U.	6.5 Minimum
007	Average	Manganese, Total	7640	ug/l	2000
007	2/7	Manganese, Total	7640	ug/l	4000
009	Average	Manganese, Total	3240	ug/l	2000
010	Average	Manganese, Total	2520	ug/l	2000
014	Average	Manganese, Total	6440	ug/l	2000
014	2/7	Manganese, Total	6440	ug/l	4000
016	Average	Iron, Total	11300	ug/l	3500
016	2/7	Iron, Total	11300	ug/l	7000
016	Average	Suspended Solids	228	mg/l	20
016	2/7	Suspended Solids	228	mg/l	30
019	Average	Suspended Solids	260	mg/l	20
019	2/7&2/21	Suspended Solids	100-420	mg/l	30
022	2/21	pH	6.29	S.U.	6.5 Minimum
024	Average	Suspended Solids	36	mg/l	20
024	2/7	Suspended Solids	36	mg/l	30
028	Average	Suspended Solids	194	mg/l	20
028	2/7	Suspended Solids	194	mg/l	30
028	Average	Iron, Total	6560	ug/l	3500

Outfall	Date	Parameter	Reported	Units	Permit Limitation
030	Average	Suspended Solids	23	mg/l	20
033	Average	Suspended Solids	184	mg/l	20
033	2/7	Suspended Solids	184	mg/l	30
033	Average	Iron, Total	9760	ug/l	3500
033	2/7	Iron, Total	9760	ug/l	7000
036	Average	Suspended Solids	57	mg/l	20
036	2/7&2/21	Suspended Solids	53-61	mg/l	30
037	Average	Suspended Solids	34	mg/l	20
037	2/7	Suspended Solids	52	mg/l	30
038	Average	Suspended Solids	23	mg/l	20
038	2/7	Suspended Solids	39	mg/l	30
040	Average	Iron, Total	4560	ug/l	3500
040	Average	Suspended Solids	84	mg/l	20
040	2/7&2/21	Suspended Solids	50-118	mg/l	30
040	2/7&2/21	pH	6.23-6.43	S.U.	6.5 Minimum
041	2/7	pH	6.41	S.U.	6.5 Minimum
041	Average	Manganese, Total	3200	ug/l	2000
041	Average	Suspended Solids	30	mg/l	20
049	Average	Iron, Total	4550	ug/l	3500
049	Average	Suspended Solids	94	mg/l	20
049	2/7	Suspended Solids	94	mg/l	30
March 2008:					
001	Average	Suspended Solids	30	mg/l	20
001	3/13	Suspended Solids	40	mg/l	30
001	Average	Iron, Total	3780	ug/l	3500
001	Average	Manganese, Total	16000	ug/l	2000
001	3/13	Manganese, Total	16000	ug/l	4000
004	Average	Manganese, Total	13800	ug/l	2000
004	3/13	Manganese, Total	13800	ug/l	4000
005	Average	Suspended Solids	35	mg/l	20
005	3/13&3/24	Suspended Solids	33-36	mg/l	30
006	Average	Suspended Solids	22	mg/l	20
006	Average	Manganese, Total	4670	ug/l	2000
006	3/13	Manganese, Total	4670	ug/l	4000
007	Average	Suspended Solids	184	mg/l	20
007	3/13&3/24	Suspended Solids	47-320	mg/l	30
007	Average	Iron, Total	18200	ug/l	3500
007	3/13	Iron, Total	18200	ug/l	7000
007	Average	Manganese, Total	8370	ug/l	2000
007	3/13	Manganese, Total	8370	ug/l	4000
007	3/13	pH	9.16	S.U.	9.0 Maximum
007	3/24	pH	4.52	S.U.	6.5 Minimum
008	3/24	pH	6.49	S.U.	6.5 Minimum
009	Average	Manganese, Total	3740	ug/l	2000
009	3/13&3/24	pH	5.14-6.26	S.U.	6.5 Minimum
009	3/13	Suspended Solids	33	mg/l	30
010	Average	Suspended Solids	25	mg/l	20
010	Average	Manganese, Total	5030	ug/l	2000
010	3/13	Manganese, Total	5030	ug/l	4000
010	3/24	pH	5.41	S.U.	6.5 Minimum
014	Average	Suspended Solids	21	mg/l	20
014	Average	Manganese, Total	4100	ug/l	2000
014	3/13	Manganese, Total	4100	ug/l	4000
014	3/24	pH	6.33	S.U.	6.5 Minimum
016	Average	Suspended Solids	84	mg/l	20
016	3/13	Suspended Solids	84	mg/l	30

Outfall	Date	Parameter	Reported	Units	Permit Limitation
019	Average	Suspended Solids	39	mg/l	20
019	3/13	Suspended Solids	74	mg/l	30
022	Average	Suspended Solids	37	mg/l	20
022	3/13	Suspended Solids	70	mg/l	30
027	Average	Suspended Solids	22	mg/l	20
028	Average	Suspended Solids	74	mg/l	20
028	3/13	Suspended Solids	74	mg/l	30
028	Average	Iron, Total	3970	ug/l	3500
033	Average	Suspended Solids	115	mg/l	20
033	3/13&3/24	Suspended Solids	82-147	mg/l	30
033	Average	Iron, Total	4760	ug/l	3500
036	Average	Suspended Solids	75	mg/l	20
036	3/13&3/24	Suspended Solids	66-84	mg/l	30
037	Average	Suspended Solids	114	mg/l	20
037	3/13&3/24	Suspended Solids	98-129	mg/l	30
038	Average	Suspended Solids	55	mg/l	20
038	3/13	Suspended Solids	101	mg/l	30
040	Average	Suspended Solids	24	mg/l	20
040	3/13	Suspended Solids	36	mg/l	30
041	Average	Suspended Solids	28	mg/l	20
041	Average	Manganese, Total	4010	ug/l	2000
041	3/13	Manganese, Total	4010	ug/l	4000
049	Average	Suspended Solids	50	mg/l	20
049	3/13&3/24	Suspended Solids	41-58	mg/l	30
051	Average	Suspended Solids	260	mg/l	20
051	3/13	Suspended Solids	260	mg/l	30
051	Average	Iron, Total	26400	ug/l	3500
051	3/13	Iron, Total	26400	ug/l	7000
April 2008:					
001	Average	Manganese, Total	15700	ug/l	2000
001	4/10	Manganese, Total	15700	ug/l	4000
002	Average	Manganese, Total	2080	ug/l	2000
004	Average	Manganese, Total	19700	ug/l	2000
004	4/10	Manganese, Total	19700	ug/l	4000
005	Average	Manganese, Total	5020	ug/l	2000
005	4/10	Manganese, Total	5020	ug/l	4000
006	Average	Manganese, Total	2380	ug/l	2000
007	Average	Manganese, Total	13200	ug/l	2000
007	4/10	Manganese, Total	13200	ug/l	4000
008	4/10	Manganese, Total	7720	ug/l	4000
008	Average	Manganese, Total	7720	ug/l	2000
009	Average	Manganese, Total	5020	ug/l	2000
009	4/10	Manganese, Total	5020	ug/l	4000
010	4/10	pH	5.61	S.U.	6.5 Minimum
010	Average	Manganese, Total	25300	ug/l	2000
010	4/10	Manganese, Total	25300	ug/l	4000
010	Average	Iron, Total	4460	ug/l	3500
038	Average	Suspended Solids	29	mg/l	20
May 2008:					
001	Average	Manganese, Total	23800	ug/l	2000
001	5/7	Manganese, Total	23800	ug/l	4000
004	Average	Manganese, Total	11400	ug/l	2000
004	5/7	Manganese, Total	11400	ug/l	4000
006	Average	Manganese, Total	2730	ug/l	2000
007	Average	Manganese, Total	6910	ug/l	2000
007	5/7	Manganese, Total	6910	ug/l	4000

Outfall	Date	Parameter	Reported	Units	Permit Limitation
009	Average	Manganese, Total	4370	ug/l	2000
009	5/7	Manganese, Total	4370	ug/l	4000
010	Average	Manganese, Total	13000	ug/l	2000
010	5/7	Manganese, Total	13000	ug/l	4000

Please inform this office in writing within **thirty** days of receipt of this notification as to the reasons for the aforementioned violations, as well as a description of actions taken or proposed to prevent any further violations. Your response should include the dates, either actual or proposed for completion of the actions.

Please be advised that failure to comply with the effluent limitations and/or monitoring requirements specified in your NPDES permit may be cause for enforcement action pursuant to Ohio Revised Code, Chapter 6111. If these violations continue to occur and if satisfactory progress is not made, it may be necessary to initiate enforcement action to achieve compliance.

If there are any questions, please contact me at (740) 380-5206.

Sincerely,



Jennifer M. Witte
Chemical Engineer - Environmental Specialist II
Division of Surface Water

JMW/dh