

TMP SAMPLING PORT OBSERVATIONS ON RCRA PONDS at FMC

PH3 measured using hand-held electrochemical sensors
(Ranges of 0.00 to 20.0 ppm and 0.0 to 1000 ppm)

Pond 8E

DATE	TMP 1		TMP 2		TMP 3		TMP 4	
	Source ppm		Source ppm		Source ppm		Source ppm	
	NOMINAL	MAX.	NOMINAL	MAX.	NOMIN	MAX.	NOMIN	MAX.
4/12/2007	30	150	na	>1000	200	350	1.00	0.00
3/25/2008	na	>1000	na	>1000	123	478	0.42	1.40
6/16/2008	0.50	1.60	na	>1000	2.20	8.60	10	25
9/11/2008	0.00	1.00	320	430	2.00	2.00	265	610
1/9/2009	30	41	120	140	10	11	na	>1000
3/19/2009	28	33	na	>1000	204	310	na	>1000
6/23/2009	4.00	5.00	5.00	6.00	94	101	na	>1000
9/15/2009	0.28	0.58	1.34	4.00	3.80	6.20	na	>1000
12/4,17/09	40	46	na	>1000	140	152	na	>1000
3/18/2010	7	8	na	>1000	0	0	0.00	0.00

Pond 8S

DATE	TMP 1		TMP 2		TMP 3		TMP 4	
	Source ppm		Source ppm		Source ppm		Source ppm	
	NOMINAL	MAX.	NOMINAL	MAX.	NOMIN	MAX.	NOMIN	MAX.
10/17/2007	0.00	0.00	0.01	0.03	0.00	0.00	0.00	0.00
6/16/2008	201	346	0.04	0.04	300	314	80	125
9/11/2008	34	86	0.00	0.00	74	101	0.20	0.40
12/12/2008	21	27	0.03	0.04	190	228	14	14
3/17/2009	3	7	0.00	0.00	31	38	1	3
6/23/2009	21	27	0.00	0.00	21	23	3.00	4.00
9/17/2009	16.30	21	0.00	0.00	14.20	19.70	4.39	4.86
12/3/2009	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3/16/2010	0.13	2.02	0.00	0.00	4	9	8.00	9.50

Pond 9E

DATE	TMP 1		TMP 2		TMP 3		TMP 4		TMP 5		TMP 6		TMP 7		TMP 8		TMP 9		TMP 10		
	Source ppm		Source ppm		Source ppm		Source ppm		Source ppm		Source ppm		Source ppm		Source ppm		Source ppm		Source ppm		
	NOMINAL	MAX.	NOMINAL	MAX.	NOMIN	MAX.	NOMIN	MAX.	NOMINAL	MAX.	NOMINAL	MAX.	NOMINAL	MAX.	NOMIN	MAX.	NOMIN	MAX.	NOMINAL	MAX.	
4/12/2007	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.06	0.34	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.08	Gen Note 1
10/17/2007	0.03	0.03	0.00	0.00	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.03
6/17/2008	0.00	0.00	0.00	0.00	0.30	0.39	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9/11/2008	0.00	0.00	0.00	0.00	0.05	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.05	0.07
12/30/2008	0.00	0.00	0.00	0.00	0.08	0.09	0.02	0.02	0.02	0.02	6.00	7.00	2.00	2.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3/19/2009	0.00	0.00	0.00	0.00	2.00	2.58	0.13	0.13	0.00	0.00	3.00	4.10	0.03	0.04	0.03	0.03	0.00	0.00	0.00	0.00	0.00
6/25/2009	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9/17/2009	0.04	0.06	0.00	0.00	5.60	5.80	0.00	0.00	0.00	0.00	0.20	0.22	0.40	0.41	0.04	0.05	0.02	0.03	0.20	0.25	
12/7,11/09	0.50	0.61	0.16	0.17	2.60	5.10	4.00	4.82	0.06	0.12	17	23	13.00	17.50	0.05	0.11	0.00	0.00	2.63	4.54	
3/19/2010	0.00	0.00	0.00	0.00	0.30	0.36	0.82	0.87	0.00	0.00	0.52	0.53	0.10	0.11	0.00	0.00	0.00	0.00	0.07	0.08	

General Note 1: One reading taken for this TMP during survey.

General Note 2: Location was not specified

TMP SAMPLING PORT OBSERVATIONS ON RCRA PONDS at FMC

Pond 11S									
DATE	TMP 10		TMP 11		TMP 12		TMP 13		
	Source ppm		Source ppm		Source ppm		Source ppm		
	NOMINAL	MAX.	NOMINAL	MAX.	NOMIN	MAX.	NOMIN	MAX.	
4/12/2007	0.04	Gen Note 1	na	>1000	0.00	0.00	0.00	0.00	
10/17/2007	0.00	0.00	0.07	0.13	0.41	5.00	0.01	0.03	
6/16/2008	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
9/11/2008	0.48	0.48	25	26	0.40	0.50	0.03	0.05	
1/28/2009	1.00	2.00	10	102	0.16	0.18	0.00	0.00	
3/19/2009	0.30	0.48	5	7	0.21	0.24	0.00	0.00	
6/23/2009	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
9/15/2009	0.00	0.00	0.00	0.00	0.09	0.12	0.00	0.00	
12/4/2009	0.00	0.00	300	430	0.00	0.00	15	15	
3/18/2010	0.00	0.00	0.40	0.50	0.01	0.03	0.00	0.00	

General Note 1: One reading taken for this TMP during survey.

General Note 2: Location was not specified

TMP SAMPLING PORT OBSERVATIONS ON RCRA PONDS at FMC

Pond 12S									
DATE	TMP 6		TMP 7		TMP 8		TMP 9		
	Source ppm		Source ppm		Source ppm		Source ppm		
	NOMINAL	MAX.	NOMINAL	MAX.	NOMIN	MAX.	NOMIN	MAX.	
4/12/2007	0.04	Gen Note 1	na	>1000	na	>1000	Gen Note 1	0.05	
10/17/2007	52	595	na	>1000	na	>1000	0.00	0.00	
6/16/2008	200	885	na	>1000	na	>1000	0.08	0.08	
9/11/2008	130	240	na	>1000	na	>1000	0.00	0.00	
1/28/2009	4	5	320	334	33	111	0.00	0.00	
3/19/2009	3	4.12	90	120	5	95	0.00	0.00	
6/25/2009	0.00	0.00	8.00	9.00	5.00	7.00	0.00	0.00	
9/16/2009	10.10	13.20	43	65	8.50	20.60	0.00	0.00	
12/4/2009	40	58	na	>1000	91	103	0.00	0.00	
3/18/2010	0.00	0.00	na	>1000	8	12	0.00	0.00	

Pond 13S									
DATE	TMP 2		TMP 3		TMP 4		TMP 5		
	Source ppm		Source ppm		Source ppm		Source ppm		
	NOMINAL	MAX.	NOMINAL	MAX.	NOMIN	MAX.	NOMIN	MAX.	
4/12/2007	0.00	0.00	0.00	0.00	20	144	0.00	0.00	
10/17/2007	0.02	0.03	0.03	0.03	9	11	0.00	0.00	
6/16/2008	0.02	0.04	0.02	0.04	0.02	0.04	0.01	0.03	
9/11/2008	9.00	10.00	0.00	0.00	0.05	0.05	0.00	0.00	
1/29/2009	0.87	0.91	0.00	0.00	0.00	0.00	0.00	0.00	
3/19/2009	0.30	0.49	0.00	0.00	0.00	0.00	0.00	0.00	
6/25/2009	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
9/16/2009	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
12/4/2009	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
3/18/2010	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.03	

Pond 14S		
DATE	TMP 1	
	Source ppm	
	NOMINAL	MAX.
4/12/2007	0.00	0.00
10/17/2007	0.00	0.00
6/16/2008	0.00	0.00
9/11/2008	0.00	0.00
1/29/2009	0.00	0.00
3/19/2009	0.00	0.00
6/25/2009	0.00	0.00
9/16/2009	0.00	0.00
12/4/2009	0.00	0.00
3/18/2010	0.00	0.00

General Note 1: One reading taken for this TMP during survey.
 General Note 2: Location was not specified

TMP SAMPLING PORT OBSERVATIONS ON RCRA PONDS at FMC

Pond 15S

DATE	TMP 1		TMP 2		TMP 3		TMP 4		TMP 5		TMP 6		TMP 7		TMP 8		TMP 9		TMP 10	
	Source ppm		Source ppm		Source ppm		Source ppm		Source ppm		Source ppm		Source ppm		Source ppm		Source ppm		Source ppm	
	NOMINAL	MAX.	NOMINAL	MAX.	NOMIN	MAX.	NOMIN	MAX.	NOMINAL	MAX.	NOMINAL	MAX.	NOMINAL	MAX.	NOMIN	MAX.	NOMIN	MAX.	NOMINAL	MAX.
4/13/2007	na	>1000	na	>1000	0.00	0.00	0.00	0.00	na	>1000	na	>1000	na	>1000	0.00	0.00	0.00	0.00	250	330
10/16/2007	na	>1000	na	>1000	0.00	1.00	0.00	0.00	151	352	na	>1000	na	>1000	0.00	0.00	0.00	0.00	203	432
7/7/2008	4.50	8.00	na	>1000	0.00	0.00	0.00	0.00	190	364	na	>1000	0.00	0.00	0.00	0.00	213	490	na	>1000
9/25/2008	150	330	na	>1000	1.00	1.00	0.00	0.00	22	30	na	>1000	0.00	0.00	0.00	0.00	0.00	0.00	50	290
1/29/2009	7	8	na	>1000	0.00	0.00	0.00	0.00	na	>1000	530	690	143	160	0.00	0.00	0.00	0.00	1.00	2.00
3/19/2009	0.00	0.00	na	>1000	0.00	0.00	0.00	0.00	na	>1000	na	>1000	40	79	0.00	0.00	0.00	0.00	2.00	2.00
6/26/2009	0.05	0.06	na	>1000	0.50	1.00	0.00	0.00	na	>1000	na	>1000	26	67	0.00	0.00	0.00	0.00	2.00	3.00
9/16/2009	0.20	0.30	na	>1000	0.00	0.00	0.00	0.00	na	>1000	54	146	304	565	0.00	0.00	0.03	0.04	0.85	1.38
12/3/2009	120	444	na	>1000	0.00	0.00	0.00	0.00	na	>1000	na	>1000	na	>1000	0.00	0.00	0.00	0.00	26	33
3/16/2010	0.00	0.00	na	>1000	0.00	0.00	0.00	0.00	na	>1000	450	810	45	68	7	7	0.00	0.00	0.00	0.00

General Note 1: One reading taken for this TMP during survey.

General Note 2: Location was not specified

TMP SAMPLING PORT OBSERVATIONS ON RCRA PONDS at FMC

Pond 16S

DATE	TMP 1		TMP 2		TMP 3		TMP 4		TMP 5		TMP 6		TMP 7		TMP 8	
	Source ppm		Source ppm		Source ppm		Source ppm		Source ppm		Source ppm		Source ppm		Source ppm	
	NOMINAL	MAX.	NOMINAL	MAX.	NOMIN	MAX.	NOMIN	MAX.	NOMINAL	MAX.	NOMINAL	MAX.	NOMINAL	MAX.	NOMIN	MAX.
4/13/2007	not surveyed		not surveyed		not surveyed		not surveyed		not surveyed		not surveyed		not surveyed		not surveyed	
10/17/2007	in use		in use		na	>1000	na	>1000	142	200	9	51	in use		0.00	1.00
6/17/2008	na	>1000	na	>1000	in use		na	>1000	in use		na	>1000	na	>1000	in use	
9/25/2008	na	>1000	20	31	na	>1000	na	>1000	not surveyed		na	>1000	na	>1000	na	>1000
1/20/2009	na	>1000	na	>1000	na	>1000	na	>1000	na	>1000	na	>1000	na	>1000	na	>1000
3/18/2009	0.00	0.00	na	>1000	na	>1000	0.00	0.00	na	>1000	in use		200	805	6	13
6/26,30/09	0.00	0.00	0.00	0.00	in use		187	206	in use		na	>1000	0.00	0.00	na	>1000
9/21/2009	458	462	0.00	0.00	0.03	0.06	0.11	0.12	0.00	0.00	0.00	0.00	0.00	0.00	0.05	0.10
12/4/2009	500	550	300	360	296	340	550	599	330	410	240	340	na	>1000	520	610
03/19/10 ¹	648	na	535	na	358	na	492	na	790	na	296	na	689	na	863	na

Pond 17

DATE	TMP 1		TMP 2		TMP 3		TMP 4		TMP 5		TMP 6	
	Source ppm		Source ppm		Source ppm		Source ppm		Source ppm		Source ppm	
	NOMINAL	MAX.	NOMINAL	MAX.	NOMIN	MAX.	NOMIN	MAX.	NOMINAL	MAX.	NOMINAL	MAX.
4/12/2007	0.00	0.00	0.10	0.13	0.05	Gen Note 1	0.00	0.00	0.05	0.13	0.04	0.05
10/16/2007	0.40	0.90	60	370	0.02	0.08	0.04	0.09	0.00	0.04	0.00	0.03
6/16/2008	na	>1000	na	>1000	101	162	100	234	na	>1000	na	>1000
9/25/2008	na	>1000	na	>1000	102	212	20	35	na	>1000	na	>1000
1/28/2009	0.00	0.00	310	970	80	99	350	585	545	925	na	>1000
3/18/2009	na	>1000	na	>1000	30	61	13	19	300	530	4	5
6/25/2009	na	>1000	na	>1000	2.00	2.00	6.00	7.00	20	28	301	460
9/17/2009	505	635	284	326	34	39	21	22	99	105	60	200
12/3/2009	na	>1000	na	>1000	200	790	90	108	250	630	281	650
3/19/2010	0.00	0.00	0.00	0.00	0.00	0.00	208	402	0.00	0.00	140	715

General Note 1: One reading taken for this TMP during survey.

General Note 2: Location was not specified

TMP SAMPLING PORT OBSERVATIONS ON RCRA PONDS at FMC

Pond 18A						
DATE	TMP 1		TMP 2		TMP 3	
	Source ppm		Source ppm		Source ppm	
	NOMINAL	MAX.	NOMINAL	MAX.	NOMIN	MAX.
4/12/2007	0.00	0.00	Gen Note 1	0.05	0.00	0.00
10/16/2007	3.30	9.80	1.80	4.36	0.00	0.00
6/17/2008	0.00	0.00	0.00	0.00	180	780
9/25/2008	0.00	0.00	61	100	na	>1000
12/30/2008	0.00	0.00	260	334	405	590
3/17/2009	0.00	0.00	na	>1000	na	>1000
6/19/2009	0.00	0.00	1.00	2.00	484	605
9/16/2009	0.07	0.14	0.42	0.80	na	>1000
12/3/2009	0.02	0.03	na	>1000	na	>1000
3/19/2010	0.00	0.00	na	>1000	na	>1000

General Note 1: One reading taken for this TMP during survey.

General Note 2: Location was not specified