

Harootyan, Brian

From: Web Mail Admin [daemon@demboy.epa.state.oh.us]
Sent: Thursday, July 19, 2001 9:38 AM
To: Brian.Harootyan@fernald.gov

3794

Ohio EPA - Electronic Data Submission Receipt

System: SWIMWARE Version: 1.0.0

Fernald Environmental Management Project

7400 Willey Road

Hamilton OH 450139402

(513)-6484202

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or send e-mail to: jeffrey.boyles@epa.state.oh.us.

MONTHLY REPORT FORM

4500

Name, Address City, County, ZIP :
 Fernald Environmental Management Project
 7400 Willey Road
 Hamilton OH 4501394C

Station Code : 001
 Reported Date (Month Year) : June 2001

Application : 11O00004*FD

07/18/2001

Page 1 of 4

Sampling Station Description :
 FINAL OUTFALL - PARSHALL FLUME

8794

in(1) - Enter 1 for Continuous, 2 for Composite, 3 for Grab Sample	Reporting Lab :	Analyst :
in(2) - Enter frequency of sampling		

(1)	2	3	2	3	2	2	2
(2)	998	1	998	1	998	998	998
Day	(00530) Total Suspended Solids mg/l	(00550) Oil and Grease, Total mg/l	(00610) Nitrogen, Ammonia (NH3) mg/l	(00719) Cyanide, Free mg/l	(00979) Cobalt, Total Recoverable ug/l	(01055) Manganese, Total (Mn) ug/l	(01074) Nickel, Total Recoverable ug/l
01	AA		1.48	AA			1.9
02	AA						
03	AA						
04	AA	AA	1.02	AA	AA	49.8	6.2
05	AA						
06	AA						
07	AA	AA	1.09	AA	AA	46	1.5
08	AA						
09	AA		1	AA			2.1
10	AA						
11	AA	AA	0.74	AA	AA	61.7	2
12	AH						
13	AA	AA	1.21	AA	AA	56.5	2.3
14	AA						
15	AA	AA	3.29	AA	AA	60.2	2.4
16	AA						
17	AA						
18	AA	5.84	AA	AA	AA	53.8	AA
19	AA						
20	AA		AA	AA			1.2
21	AA						
22	AA	7.98	AA	AA	AA	45.1	1.4
23	AA						
24	AA						
25	AA		0.84	AA			2
26	AA						
27	AA	AA	2.09	AA	AA	80.3	1.5
28	AA						
29	AA						
30	AA						
31							
TOTAL	0	13.82	12.76	0	0	453.4	24.5
AVG	0	1.7275	1.0633	0	0	56.675	2.0417
MAX	0	7.98	3.29	0	0	80.3	6.2
MIN	0	0	0	0	0	45.1	0

Additional Remarks :

SAMPLE WAS NOT COLLECTED DUE TO ADMINISTRATIVE OVERSIGHT
 SAMPLE WAS NOT COLLECTED DUE TO ADMINISTRATIVE OVERSIGHT

I certify under the penalty of law that I have personally examined and am familiar with the information submitted and based on my inquiry of those individuals immediately responsible for obtaining the information, I believe the submitted information is true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

Form No EPA 4500 (8-91)

Formerly EPA SUR1

Date Report Completed:
 07/18/2001

Signature of Reporter:

Title of Reporter:

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MONTHLY REPORT FORM

4500

Name, Address City, County, ZIP :
 Fernald Environmental Management Project
 7400 Willey Road
 Hamilton OH 45013940

Station Code : 001
 Reported Date (Month Year) : June 2001

Application :
 11000004*FD

07/18/2001

Page 2 of 4

Sampling Station Description :
 FINAL OUTFALL - PARSHALL FLUME

8794

in(1) - Enter 1 for Continuous, 2 for Composite, 3 for Grab Sample	Reporting Lab :	Analyst :
in(2) - Enter frequency of sampling		

(1)	2	2	2	3	2	2	2
(2)	998	998	998	1	998	998	998
Day	(01079) Silver, Total Recoverable ug/l	(01094) Zinc, Total Recoverable ug/l	(01113) Cadmium, Total Recoverable ug/l	(34675) 2,3,7,8 TCDD pg/l	(01114) Lead, Total Recoverable ug/l	(01118) Chromium, Total Recoverable ug/l	(01119) Copper, Total Recoverable ug/l
01	AA	AA	AA		AA	2	AA
02							
03							
04	AA	2	AA		AA	1.4	1.3
05				AA			
06							
07	AA	AA	AA		AA	1.7	1.3
08							
09	AA	AA	AA		AA	AA	1.6
10							
11	AA	19.7	AA		AA	1.6	5.2
12							
13	AA	AA	AA		2.69	AA	AA
14							
15	AA	2.9	AA		7.73	AA	1.5
16							
17							
18	AA	AA	AA		AA	AA	AA
19							
20	AA	AA	AA		1.7	AA	AA
21							
22	AA	AA	AA		AA	AA	AA
23							
24							
25	AA	AA	AA		2.02	AA	AA
26							
27	AA	AA	AA		1.96	AA	AA
28							
29							
30							
31							
TOTAL	0	24.6	0	0	16.1	6.7	10.9
AVG	0	2.05	0	0	1.3417	0.5583	0.9083
MAX	0	19.7	0	0	7.73	2	5.2
MIN	0	0	0	0	0	0	0

Additional Remarks :

SAMPLE WAS NOT COLLECTED DUE TO ADMINISTRATIVE OVERSIGHT
 SAMPLE WAS NOT COLLECTED DUE TO ADMINISTRATIVE OVERSIGHT

MONTHLY REPORT FORM

4500

Name, Address City, County, ZIP :
 Fernald Environmental Management Project
 7400 Willey Road
 Hamilton OH 4501394C

Station Code : 001
 Reported Date (Month Year) : June 2001

Application : 11000004*FD
 07/18/2001

Sampling Station Description :
 FINAL OUTFALL - PARSHALL FLUME

3794

in(1) - Enter 1 for Continuous, 2 for Composite, 3 for Grab Sample	Reporting Lab :	Analyst :
in(2) - Enter frequency of sampling		

(1)	3	3	3	1	3	3	2
(2)	1	1	1	999	1	1	998
Day	(39032) Pentachloropheno ug/l	(39120) Benzidine, Total ug/l	(39400) Toxaphene, Total ug/l	(50050) Flow Rate MGD	(50060) Chlorine, Total Residual mg/l	(78391) Trichloroethene ug/l	(80082) CBOD 5 day mg/l
01				5.874			
02				5.554			
03				6.021			
04				5.991	AA		AA
05	AA	AA	AA	6.821		AA	
06				6.038	AA		
07				7.037	AA		AA
08				5.463			
09				6.584			
10				6.842			
11				6.652	AA		AA
12				7.396	AA		
13				5.853	AA		AA
14				6.156			
15				6.742	AA		AA
16				6.223			
17				6.208			
18				6.171	AA		AA
19				6.017	AA		
20				5.815			
21				5.639			
22				6.417	AA		AA
23				6.402			
24				6.411			
25				6.492			
26				5.75			
27				6.683	AA		AA
28				6.556	AA		
29				6.427			
30				6.36			
31							
TOTAL	0	0	0	188.595	0	0	0
AVG	0	0	0	6.2865	0	0	0
MAX	0	0	0	7.396	0	0	0
MIN	0	0	0	5.463	0	0	0

Additional Remarks :
 SAMPLE WAS NOT COLLECTED DUE TO ADMINISTRATIVE OVERSIGHT
 SAMPLE WAS NOT COLLECTED DUE TO ADMINISTRATIVE OVERSIGHT

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Name, Address City, County, ZIP :
 Fernald Environmental Management Project
 7400 Willey Road
 Hamilton OH4501394C

Station Code : 001
 Reported Date (Month Year) : June 2001

Application : 11000004*FD

Sampling Station Description :
 FINAL OUTFALL - PARSHALL FLUME

3794

in(1) - Enter 1 for Continuous, 2 for Composite, 3 for Grab Sample	Reporting Lab :	Analyst :
in(2) - Enter frequency of sampling		

(1)	3	3	3	1	1		
(2)	1	1	1	999	999		
Day	(99992) Mercury, Total Recoverable ug/l	(00010) Water Temperature C	(00300) Dissolved Oxygen mg/l	(00401) pH, Maximum S.U.	(00402) pH, Minimum S.U.		
01		11.3		AD	AD		
02		11.2		AD	AD		
03		11.3		AD	AD		
04		11.2	8.29	AD	AD		
05	0.0109	11.1		AD	AD		
06		11.8		AD	AD		
07		11.9	7.15	AD	AD		
08		AH		AD	AD		
09		12.2		AD	AD		
10		12.5		AD	AD		
11		12.6	6.47	AD	AD		
12		12.6		AD	AD		
13		12.4	6.52	AD	AD		
14		13.3		AD	AD		
15		12.4	6.68	AD	AD		
16		10.4		AD	AD		
17		11.7		AD	AD		
18		12.8	7.28	AD	AD		
19		11.8		AD	AD		
20		11.7		AD	AD		
21		11		AD	AD		
22		11.4	7.42	AD	AD		
23		11.7		AD	AD		
24		11.4		AD	AD		
25		11.6		AD	AD		
26		11.8		AD	AD		
27		12.3	6.95	AD	AD		
28		11.9		AD	AD		
29		12.3		AD	AD		
30		13		AD	AD		
31							
TOTAL	0.0109	344.6	56.76	0	0	0	0
AVG	0.0109	11.8828	7.095				
MAX	0.0109	13.3	8.29	0	0		
MIN	0.0109	0	6.47	0	0		

Additional Remarks :

SAMPLE WAS NOT COLLECTED DUE TO ADMINISTRATIVE OVERSIGHT
 SAMPLE WAS NOT COLLECTED DUE TO ADMINISTRATIVE OVERSIGHT

Name, Address City, County, ZIP :
 Fernald Environmental Management Project
 7400 Willey Road
 Hamilton OH 45013940

Station Code : 002
 Reported Date (Month Year) : June 2001

Application :
 11000004*FD

Sampling Station Description :
 BYPASS MONITORING - SWRB OVERFLOW

3794

in(1) - Enter 1 for Continuous, 2 for Composite, 3 for Grab Sample	Reporting Lab :	Analyst :
in(2) - Enter frequency of sampling		

	2	2	3	3	2	3	3
(1)							
(2)							
Day	(01119) Copper, Total Recoverable ug/l	(50050) Flow Rate ug/l	(00401) pH, Maximum ug/l	(00402) pH, Minimum ug/l	(00530) Total Suspended Solids ug/l	(50060) Chlorine, Total Residual ug/l	(99992) Mercury, Total Recoverable ug/l
01	AL						
02							
03							
04							
05							
06							
07							
08							
09							
10							
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							
21							
22							
23							
24							
25							
26							
27							
28							
29							
30							
31							
TOTAL	0	0	0	0	0	0	0
AVG	0						
MAX	0						
MIN	0						

Additional Remarks :

I certify under the penalty of law that I have personally examined and am familiar with the information submitted and based on my inquiry of those individuals immediately responsible for obtaining the information, I believe the submitted information is true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

MONTHLY REPORT FORM

4500

Name, Address City, County, ZIP :
 Fernald Environmental Management Project
 7400 Willey Road
 Hamilton OH4501394C

Station Code : 003
 Reported Date (Month Year) : June 2001

Application : 11000004*FD

07/18/2001

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Sampling Station Description :
 FINAL OUTFALL - STORMWATER RUNOFF TO PADDYS RUN

3794

in(1) - Enter 1 for Continuous, 2 for Composite, 3 for Grab Sample	Reporting Lab :	Analyst :
in(2) - Enter frequency of sampling		

(1)	3	2	2	2	3	2	3
(2)	1	3	3	3	1	3	1
Day	(00400) pH S.U.	(00530) Total Suspended Solids mg/l	(01079) Silver, Total Recoverable ug/l	(01119) Copper, Total Recoverable ug/l	(31616) Fecal Coliform No./100ml	(50050) Flow Rate MGD	(50060) Chlorine, Total Residual mg/l
01	7.19	170	AA	3.9	9900	0.942	AA
02							
03							
04							
05							
06							
07							
08							
09							
10							
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							
21							
22							
23							
24							
25							
26							
27							
28							
29							
30							
31							
TOTAL	7.19	170	0	3.9	9900	0.942	0
AVG	7.19	170	0	3.9	9900	0.942	0
MAX	7.19	170	0	3.9	9900	0.942	0
MIN	7.19	170	0	3.9	9900	0.942	0

Additional Remarks :

I certify under the penalty of law that I have personally examined and am familiar with the information submitted and based on my inquiry of those individuals immediately responsible for obtaining the information, I believe the submitted information is true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

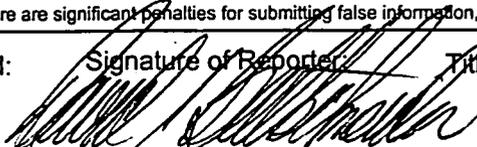
Form No EPA 4500 (8-91)

Formerly EPA SUR1

Date Report Completed:
07/18/2001

Signature of Reporter:

Title of Reporter:



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Name, Address City, County, ZIP :
 Femald Environmental Management Project
 7400 Willey Road
 Hamilton OH4501394C

Station Code : 003
 Reported Date (Month Year) : June 2001

Application :
 11000004*FD

Sampling Station Description :
 FINAL OUTFALL - STORMWATER RUNOFF TO PADDYS RUN

3794

in(1) - Enter 1 for Continuous, 2 for Composite, 3 for Grab Sample in(2) - Enter frequency of sampling	Reporting Lab :	Analyst :
---	-----------------	-----------

(1)	3						
(2)	1						
Day	(99992) Mercury, Total Recoverable ug/l						
01	0.0041						
02							
03							
04							
05							
06							
07							
08							
09							
10							
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							
21							
22							
23							
24							
25							
26							
27							
28							
29							
30							
31							
TOTAL	0.0041	0	0	0	0	0	0
AVG	0.0041						
MAX	0.0041						
MIN	0.0041						

Additional Remarks :

Name, Address City, County, ZIP :
 Fernald Environmental Management Project
 7400 Willey Road
 Hamilton OH 4501394C

Station Code : 004
 Reported Date (Month Year) : June 2001

Application : 11000004*FD

Sampling Station Description :
 FINAL OUTFALL - STORMWATER RUNOFF FROM INACTIVE FLYASH PILE

8794

in(1) - Enter 1 for Continuous, 2 for Composite, 3 for Grab Sample in(2) - Enter frequency of sampling	Reporting Lab :	Analyst :
---	-----------------	-----------

	3	2	2	2	2	3	2
(1)	1	3	3	3	3	1	3
(2)	(00400)	(00530)	(01079)	(01114)	(01119)	(31616)	(50050)
Day	pH S.U.	Total Suspended Solids mg/l	Silver, Total Recoverable ug/l	Lead, Total Recoverable ug/l	Copper, Total Recoverable ug/l	Fecal Coliform No./100ml	Flow Rate MGD
01							
02							
03							
04							
05							
06	6.06	39	AA	3.98	5.3	AK	0.139
07							
08							
09							
10							
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							
21							
22							
23							
24							
25							
26							
27							
28							
29							
30							
31							
TOTAL	6.06	39	0	3.98	5.3	0	0.139
AVG	6.06	39	0	3.98	5.3	0	0.139
MAX	6.06	39	0	3.98	5.3	0	0.139
MIN	6.06	39	0	3.98	5.3	0	0.139

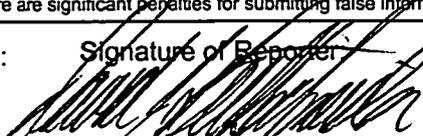
Additional Remarks :

STORMWATER DRAINAGE CEASED BEFORE SAMPLE WAS COLLECTED

I certify under the penalty of law that I have personally examined and am familiar with the information submitted and based on my inquiry of those individuals immediately responsible for obtaining the information, I believe the submitted information is true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

Date Report Completed:
07/18/2001

Signature of Reporter:



Title of Reporter:

9

MONTHLY REPORT FORM

4500

Name, Address City, County, ZIP :
 Fernald Environmental Management Project
 7400 Willey Road
 Hamilton OH4501394C

Station Code :
 004

Reported Date (Month Year) :
 June 2001

Application :
 1I000004*FD

07/18/2001

Page 2 of 2

Sampling Station Description :
 FINAL OUTFALL - STORMWATER RUNOFF FROM INACTIVE FLYASH PILE

3794

in(1) - Enter 1 for Continuous, 2 for Composite, 3 for Grab Sample	Reporting Lab :	Analyst :
in(2) - Enter frequency of sampling		

Day	(1)	(2)					
	3	1					
	(71901) Mercury, Total Recoverable ug/l						
01							
02							
03							
04							
05							
06	AH						
07							
08							
09							
10							
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							
21							
22							
23							
24							
25							
26							
27							
28							
29							
30							
31							
TOTAL	0	0	0	0	0	0	0
AVG							
MAX	0						
MIN	0						

Additional Remarks :
 STORMWATER DRAINAGE CEASED BEFORE SAMPLE WAS COLLECTED

10

MONTHLY REPORT FORM

4500

Name, Address City, County, ZIP :
 Fernald Environmental Management Project
 7400 Willey Road
 Hamilton OH 4501394C

Station Code : 005
 Reported Date (Month Year) : June 2001

Application :
 1I000004*FD.

07/18/2001

Page 1 of 2

Sampling Station Description :
 FINAL OUTFALL - STORMWATER RUNOFF FROM PRODUCTION AREA

3794

in(1) - Enter 1 for Continuous, 2 for Composite, 3 for Grab Sample	Reporting Lab :	Analyst :
in(2) - Enter frequency of sampling		

(1)	3	3	2	2	2	3	2
(2)	1	1	3	3	3	1	3
Day	(71901) Mercury, Total Recoverable ug/l	(00400) pH S.U.	(00530) Total Suspended Solids mg/l	(01079) Silver, Total Recoverable ug/l	(01114) Lead, Total Recoverable ug/l	(31616) Fecal Coliform No./100ml	(50050) Flow Rate MGD
01							
02							
03							
04							
05	0.00269	7.68	8	AA	AA	233	0.269
06							
07							
08							
09							
10							
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							
21							
22							
23							
24							
25							
26							
27							
28							
29							
30							
31							
TOTAL	0.0027	7.68	8	0	0	233	0.269
AVG	0.0027	7.68	8	0	0	233	0.269
MAX	0.00269	7.68	8	0	0	233	0.269
MIN	0.00269	7.68	8	0	0	233	0.269

Additional Remarks :

I certify under the penalty of law that I have personally examined and am familiar with the information submitted and based on my inquiry of those individuals immediately responsible for obtaining the information, I believe the submitted information is true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

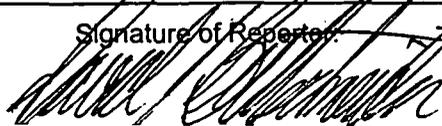
Form No EPA 4500 (8-91)

Formerly EPA SURI

Date Report Completed:
 07/18/2001

Signature of Reporter:

Title of Reporter:



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MONTHLY REPORT FORM

4500

Name, Address City, County, ZIP :
 Fernald Environmental Management Project
 7400 Willey Road
 Hamilton OH 4501394C

Station Code : 005
 Reported Date (Month Year) : June 2001

Application :
 1IO00004*FD

07/18/2001

Page 2 of 2

Sampling Station Description :
 FINAL OUTFALL - STORMWATER RUNOFF FROM PRODUCTION AREA

3794

in(1) - Enter 1 for Continuous, 2 for Composite, 3 for Grab Sample	Reporting Lab :	Analyst :
in(2) - Enter frequency of sampling		

	(1)	(2)					
Day	3	1	(50060) Chlorine, Total Residual mg/l				
01							
02							
03							
04							
05	AA						
06							
07							
08							
09							
10							
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							
21							
22							
23							
24							
25							
26							
27							
28							
29							
30							
31							
TOTAL	0	0	0	0	0	0	0
AVG	0						
MAX	0						
MIN	0						

Additional Remarks :

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MONTHLY REPORT FORM

4500

Name, Address City, County, ZIP :
 Fernald Environmental Management Project
 7400 Willey Road
 Hamilton OH 4501394C

Station Code : 006
 Reported Date (Month Year) : - June 2001

Application :
 1I000004*FD

07/18/2001

Page 1 of 2

Sampling Station Description :
 FINAL OUTFALL - STORMWATER RUNOFF FROM NORTH END OF PROPERTY

3794

in(1) - Enter 1 for Continuous, 2 for Composite, 3 for Grab Sample	Reporting Lab :	Analyst :
in(2) - Enter frequency of sampling		

	2	2	3	2	2	2	3
(1)	3	3	1	3	3	3	1
(2)	(50050) Flow Rate MGD	(01114) Lead, Total Recoverable ug/l	(00400) pH S.U.	(00530) Total Suspended Solids mg/l	(01079) Silver, Total Recoverable ug/l	(01119) Copper, Total Recoverable ug/l	(31616) Fecal Coliform No./100ml
Day							
01							
02							
03							
04							
05	0.712	AA	7.28	8	AA	1.9	1
06							
07							
08							
09							
10							
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							
21							
22							
23							
24							
25							
26							
27							
28							
29							
30							
31							
TOTAL	0.712	0	7.28	8	0	1.9	1
AVG	0.712	0	7.28	8	0	1.9	1
MAX	0.712	0	7.28	8	0	1.9	1
MIN	0.712	0	7.28	8	0	1.9	1

Additional Remarks :

I certify under the penalty of law that I have personally examined and am familiar with the information submitted and based on my inquiry of those individuals immediately responsible for obtaining the information, I believe the submitted information is true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

Form No EPA 4500 (8-91)

Formerly EPA SURI

Date Report Completed:
 07/18/2001

Signature of Reporter:

Title of Reporter:

13

Name, Address City, County, ZIP :
Fernald Environmental Management Project
7400 Willey Road
Hamilton OH 4501394C

Station Code :
006

Reported Date (Month Year) :
June 2001

Application :
11000004*FD

07/18/2001

Sampling Station Description :

FINAL OUTFALL - STORMWATER RUNOFF FROM NORTH END OF PROPERTY

3794

in(1) - Enter 1 for Continuous, 2 for Composite, 3 for Grab Sample	Reporting Lab :	Analyst :
in(2) - Enter frequency of sampling		

(1)	3	3					
(2)	1	1					
Day	(50060) Chlorine, Total Residual mg/l	(71901) Mercury, Total Recoverable ug/l					
01							
02							
03							
04							
05	AA	0.0034					
06							
07							
08							
09							
10							
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							
21							
22							
23							
24							
25							
26							
27							
28							
29							
30							
31							
TOTAL	0	0.0034	0	0	0	0	0
AVG	0	0.0034					
MAX	0	0.0034					
MIN	0	0.0034					

Additional Remarks :

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MONTHLY REPORT FORM

4500

Name, Address City, County, ZIP :
 Fernald Environmental Management Project
 7400 Willey Road
 Hamilton OH4501394C

Station Code : 601
 Reported Date (Month Year) : June 2001

Application : 11000004*PD

07/18/2001

Page 1 of 1

Sampling Station Description :
 INTERNAL MONITORING STATION - SEWAGE TREATMENT PLANT

8794

in(1) - Enter 1 for Continuous, 2 for Composite, 3 for Grab Sample	Reporting Lab :	Analyst :
in(2) - Enter frequency of sampling		

(1)	3	3	2	2	1	2	
(2)	1	1	998	998	999	998	
Day	(31616) Fecal Coliform No./100ml	(00400) pH S.U.	(00530) Total Suspended Solids mg/l	(00610) Nitrogen, Ammonia (NH3) mg/l	(50050) Flow Rate MGD	(80082) CBOD 5 day mg/l	
01		6.43			0.02951		
02		6.51			0.0291		
03		6.68			0.0218		
04	1	6.84	15.2		0.0504	2	
05		6.75			0.0509		
06		6.83			0.0801		
07		6.68	16	0.13	0.0808	2.3	
08		6.5			0.0426		
09		6.71			0.0608		
10		6.71			0.0265		
11		6.89	4.4		0.05319	2.9	
12		6.76			0.0683		
13	1	6.62	4.4		0.05645	AA	
14		6.19			0.05205		
15		6.53	6		0.0354	3.3	
16		6.67			0.0275		
17		6.86			0.02968		
18	1	7.03	AA		0.04045	2	
19		6.51			0.04794		
20		6.67			0.04811		
21		6.61			0.05972		
22		6.71	7.2	0.11	0.0509	2.4	
23		6.89			0.0624		
24		7.15			0.0474		
25		7.16			0.0499		
26		7.21			0.0414		
27	1	7.03	4.8		0.0452	2.1	
28		6.89			0.0472		
29		6.67			0.0386		
30		6.92			0.0302		
31							
TOTAL	4	202.61	58	0.24	1.4045	17	0
AVG	1	6.7537	7.25	0.12	0.0468	2.125	
MAX	1	7.21	16	0.13	0.0808	3.3	
MIN	1	6.19	0	0.11	0.0218	0	

Additional Remarks :

I certify under the penalty of law that I have personally examined and am familiar with the information submitted and based on my inquiry of those individuals immediately responsible for obtaining the information, I believe the submitted information is true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

Form No EPA 4500 (8-91)
 Formerly EPA SUR1

Date Report Completed:
 07/18/2001

Signature of Reporter:

Title of Reporter:

15

Name, Address City, County, ZIP :
 Fernald Environmental Management Project
 7400 Willey Road
 Hamilton OH 4501394C

Station Code : 801
 Reported Date (Month Year) : June 2001

Application :
 11000004*FD

Sampling Station Description :
 UPSTREAM MONITORING - UPSTREAM OF OUTFALL 11000004001

8794

in(1) - Enter 1 for Continuous, 2 for Composite, 3 for Grab Sample in(2) - Enter frequency of sampling	Reporting Lab :	Analyst :
---	-----------------	-----------

	3	3	3	3	3	3	3
(2)	1	1	1	1	1	1	1
Day	(00900) Hardness, Total (CaCO3) mg/l	(00400) pH S.U.	(00010) Water Temperature C	(00300) Dissolved Oxygen mg/l	(00610) Nitrogen, Ammonia (NH3) mg/l	(00979) Cobalt, Total Recoverable ug/l	(01055) Manganese, Total (Mn) ug/l
01							
02							
03							
04							
05							
06							
07							
08							
09							
10							
11							
12							
13							
14							
15							
16							
17							
18	266.6	7	23.9	6.32	AA	1.6	44.8
19							
20							
21							
22							
23							
24							
25							
26							
27							
28							
29							
30							
31							
TOTAL	266.6	7	23.9	6.32	0	1.6	44.8
AVG	266.6	7	23.9	6.32	0	1.6	44.8
MAX	266.6	7	23.9	6.32	0	1.6	44.8
MIN	266.6	7	23.9	6.32	0	1.6	44.8

Additional Remarks :

I certify under the penalty of law that I have personally examined and am familiar with the information submitted and based on my inquiry of those individuals immediately responsible for obtaining the information, I believe the submitted information is true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

MONTHLY REPORT FORM

4500

Name, Address City, County, ZIP :
 Fernald Environmental Management Project
 7400 Willey Road
 Hamilton OH4501394C

Station Code : 801
 Reported Date (Month Year) : -June 2001

Application : 1I000004*FD

07/18/2001

Page 2 of 3

Sampling Station Description :
 UPSTREAM MONITORING - UPSTREAM OF OUTFALL 1I000004001

3794

in(1) - Enter 1 for Continuous, 2 for Composite, 3 for Grab Sample	Reporting Lab :	Analyst :
in(2) - Enter frequency of sampling		

Day	(1)	3	3	3	3	3	3	3
	(2)	1	1	1	1	1	1	1
		(01074) Nickel, Total Recoverable ug/l	(01079) Silver, Total Recoverable ug/l	(01094) Zinc, Total Recoverable ug/l	(01113) Cadmium, Total Recoverable ug/l	(01114) Lead, Total Recoverable ug/l	(01118) Chromium, Total Recoverable ug/l	(01119) Copper, Total Recoverable ug/l
01								
02								
03								
04								
05								
06								
07								
08								
09								
10								
11								
12								
13								
14								
15								
16								
17								
18		4.4	AA	7.6	AA	1.8	AA	3.9
19								
20								
21								
22								
23								
24								
25								
26								
27								
28								
29								
30								
31								
TOTAL		4.4	0	7.6	0	1.8	0	3.9
AVG		4.4	0	7.6	0	1.8	0	3.9
MAX		4.4	0	7.6	0	1.8	0	3.9
MIN		4.4	0	7.6	0	1.8	0	3.9

Additional Remarks :

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MONTHLY REPORT FORM

4500

Name, Address City, County, ZIP :
 Fernald Environmental Management Project
 7400 Willey Road
 Hamilton OH4501394C

Station Code :
 801

Reported Date (Month Year) :
 - June 2001

Application :
 1I000004*FD

07/18/2001

Page 3 of 3

Sampling Station Description :
 UPSTREAM MONITORING - UPSTREAM OF OUTFALL 1I000004001

8794

in(1) - Enter 1 for Continuous, 2 for Composite, 3 for Grab Sample	Reporting Lab :	Analyst :
in(2) - Enter frequency of sampling		

(1)	3						
(2)	1						
Day	(99992) Mercury, Total Recoverable ug/l						
01							
02							
03							
04							
05							
06							
07							
08							
09							
10							
11							
12							
13							
14							
15							
16							
17							
18	0.0052						
19							
20							
21							
22							
23							
24							
25							
26							
27							
28							
29							
30							
31							
TOTAL	0.0052	0	0	0	0	0	0
AVG	0.0052						
MAX	0.0052						
MIN	0.0052						

Additional Remarks :

MONTHLY REPORT FORM

4500

Name, Address City, County, ZIP :
 Fernald Environmental Management Project
 7400 Willey Road
 Hamilton OH4501394C

Station Code : 902
 Reported Date (Month Year) : - June 2001

Application :
 11000004*FD

07/18/2001

Page 1 of 3

Sampling Station Description :
 DOWNSTREAM - NEARFIELD MONITORING - DOWNSTREAM OF OUTFALL 11000004001

3794

in(1) - Enter 1 for Continuous, 2 for Composite, 3 for Grab Sample	Reporting Lab :	Analyst :
in(2) - Enter frequency of sampling		

(1)	3	3	3	3	3	3	3
(2)	1	1	1	1	1	1	1
Day	(99992) Mercury, Total Recoverable ug/l	(00010) Water Temperature C	(00300) Dissolved Oxygen mg/l	(00400) pH S.U.	(00610) Nitrogen, Ammonia (NH3) mg/l	(00900) Hardness, Total (CaCO3) mg/l	(00979) Cobalt, Total Recoverable ug/l
01							
02							
03							
04							
05							
06							
07							
08							
09							
10							
11							
12							
13							
14							
15							
16							
17							
18	0.00549	25.5	6.9	7.49	AA	267	1
19							
20							
21							
22							
23							
24							
25							
26							
27							
28							
29							
30							
31							
TOTAL	0.0055	25.5	6.9	7.49	0	267	1
AVG	0.0055	25.5	6.9	7.49	0	267	1
MAX	0.00549	25.5	6.9	7.49	0	267	1
MIN	0.00549	25.5	6.9	7.49	0	267	1

Additional Remarks :

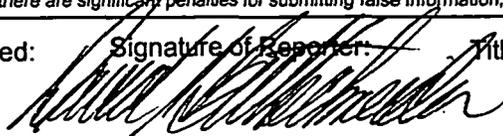
I certify under the penalty of law that I have personally examined and am familiar with the information submitted and based on my inquiry of those individuals immediately responsible for obtaining the information, I believe the submitted information is true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

Form No EPA 4500 (8-91)

Formerly EPA SURI

Date Report Completed:
 07/18/2001

Signature of Reporter:



Title of Reporter:

19

MONTHLY REPORT FORM

4500

Name, Address City, County, ZIP :
 Fernald Environmental Management Project
 7400 Willey Road
 Hamilton OH 4501394C

Station Code : 902
 Reported Date (Month Year) : -June 2001

Application :
 11000004*FD

07/18/2001

Page 2 of 3

Sampling Station Description :
 DOWNSTREAM - NEARFIELD MONITORING - DOWNSTREAM OF OUTFALL 11000004001

3794

in(1) - Enter 1 for Continuous, 2 for Composite, 3 for Grab Sample	Reporting Lab :	Analyst :
in(2) - Enter frequency of sampling		

(1)	3	3	3	3	3	3	3
(2)	1	1	1	1	1	1	1
Day	(01055) Manganese, Total ug/l	(01074) Nickel, Total Recoverable ug/l	(01079) Silver, Total Recoverable ug/l	(01094) Zinc, Total Recoverable ug/l	(01113) Cadmium, Total Recoverable ug/l	(01114) Lead, Total Recoverable ug/l	(01118) Chromium, Total Recoverable ug/l
01							
02							
03							
04							
05							
06							
07							
08							
09							
10							
11							
12							
13							
14							
15							
16							
17							
18	47.3	3.7	AA	5.8	AA	2.82	AA
19							
20							
21							
22							
23							
24							
25							
26							
27							
28							
29							
30							
31							
TOTAL	47.3	3.7	0	5.8	0	2.82	0
AVG	47.3	3.7	0	5.8	0	2.82	0
MAX	47.3	3.7	0	5.8	0	2.82	0
MIN	47.3	3.7	0	5.8	0	2.82	0

Additional Remarks :

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MONTHLY REPORT FORM

4500

Name, Address City, County, ZIP :
 Fernald Environmental Management Project
 7400 Willey Road
 Hamilton OH4501394C

Station Code : 902
 Reported Date (Month Year) : -June 2001

Application :
 1IO00004*FD

07/18/2001

Page 3 of 3

Sampling Station Description :
 DOWNSTREAM - NEARFIELD MONITORING - DOWNSTREAM OF OUTFALL 1IO00004001

3794

in(1) - Enter 1 for Continuous, 2 for Composite, 3 for Grab Sample	Reporting Lab :	Analyst :
in(2) - Enter frequency of sampling		

Day	(1) (2) (01119) Copper, Total Recoverable ug/l						
01							
02							
03							
04							
05							
06							
07							
08							
09							
10							
11							
12							
13							
14							
15							
16							
17							
18	3						
19							
20							
21							
22							
23							
24							
25							
26							
27							
28							
29							
30							
31							
TOTAL	3	0	0	0	0	0	0
AVG	3						
MAX	3						
MIN	3						

Additional Remarks :

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3794

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