

3923

Harootyan, Brian

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From: Harootyan, Brian  
Sent: Thursday, October 18, 2001 8:33 AM  
To: 'swimware@www.epa.state.oh.us'  
Cc: Brettschneider, David; Hertel, William; Johnston, Frank; Nickel, Kathi; Harootyan, Brian  
Subject: September 2001 Discharge Monitoring Reports



.8215729.ZIP

Attached are the electronic submittals of the September 2001 DMR's. As noted in the August 2001 DMR, the September results from station codes 801 and 902 are included in this submittal as the samples were not collected as scheduled in August due to manpower issues.

If you have any questions, please contact Brian Harootyan at (513) 648-4202.

**Harootyan, Brian**

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**From:** Web Mail Admin [daemon@demboy.epa.state.oh.us]  
**Sent:** Thursday, October 18, 2001 8:34 AM  
**To:** Brian.Harootyan@fernald.gov

Ohio EPA - Electronic Data Submission Receipt  
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System: SWIMWARE Version: 1.0.0

Fernald Environmental Management Project

7400 Willey Road

Hamilton OH 450139402

(513)-6484202

The following file was received on Thu Oct 18 08:33:52 2001

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Email attachment(s):

8215729.ZIP (application/octet-stream)

\*-----\*

If you have any questions regarding this receipt or your data transmission,  
please call the SWIMware Help Line at: (614) 644-2050  
or send e-mail to: jeffrey.boyles@epa.state.oh.us.

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

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

Application : 1I000004\*FD

10/17/2001

Sampling Station Description :  
 FINAL OUTFALL - PARSHALL FLUME

3923

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

Day	(1) (2)	2 (00530) Total Suspended Solids mg/l	3 (00550) Oil and Grease, Total mg/l	2 (00610) Nitrogen, Ammonia (NH3) mg/l	3 (00719) Cyanide, Free mg/l	2 (00979) Cobalt, Total Recoverable ug/l	2 (01055) Manganese, Total (Mn) ug/l	2 (01074) Nickel, Total Recoverable ug/l
01		3.2						
02		2.8						
03		3.2						
04		2	AA	AA	AA	5.3	45.5	AA
05		2.8						
06		AA	AA	AA	AA	AA	48.8	AA
07		AA		AA	AA			AA
08		AA						
09		2		AA	AA			AA
10		3.2						
11		2	AA	AA	AA	AA	46.6	AA
12		AA						
13		AA						
14		AA	AA	0.97	AA	AA	68.2	AA
15		2						
16		AA						
17		2	AA	1.2		AA	67.7	AA
18		AA			AA			
19		AA	AA	0.67		AA	90.5	6.8
20		2.4			AA			
21		AA		0.61	AA			AA
22		AA						
23		AA						
24		AA	AA	1.8	AA	AA	78	AA
25		AA						
26		AA						
27		AA	AA	0.86	AA	AA	71.9	7.9
28		2		0.97	AA			4.6
29		AA						
30		AA						
31								
TOTAL		29.6	0	7.08	0	5.3	517.2	19.3
AVG		0.9867	0	0.59	0	0.6625	64.65	1.6083
MAX		3.2	0	1.8	0	5.3	90.5	7.9
MIN		0	0	0	0	0	45.5	0

Additional Remarks :

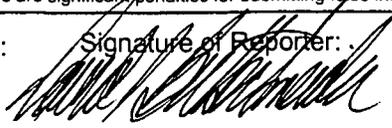
I certify under the penalty of law that I have personally examined and am familiar with the information submitted and based on my inquiry of those individuals immediately responsible for obtaining the information, I believe the submitted information is true, accurate and complete. I am aware that there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

Form No EPA 4500 (8-91)

Formerly EPA SURI

Date Report Completed:  
 10/17/2001

Signature of Reporter:



Title of Reporter:  
 ARWWP PROJECT MANAGER

000003

MONTHLY REPORT FORM

4500

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

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

Application : 11000004\*FD  
 10/17/2001

Sampling Station Description :  
 FINAL OUTFALL - PARSHALL FLUME

**3923**

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	2	2	2	3
(2)	998	998	998	998	998	998	1
Day	(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	(39032) Pentachlorophenol ug/l
01							
02							
03							
04	AA	AA	3.5	AA	5.7	9.8	
05							AA
06	AA	AA	AA	AA	4.9	9.2	
07	AA	AA	AA	AA	3.1	6.6	
08							
09	AA	AA	AA	2.12	3.3	7.7	
10							
11	AA	AA	AA	1.23	5.3	11.1	
12							
13							
14	AA	AA	AA	6.44	3.9	10.2	
15							
16							
17	AA	4	AA	1.54	3.1	AA	
18							
19	AA	AA	AA	AA	4.5	4.9	
20							
21	AA	AA	4.8	2.24	3.2	4.9	
22							
23							
24	AA	9.2	AA	2.13	AA	9.3	
25							
26							
27	AA	9.7	AA	3.86	AA	9.1	
28	AA	AA	AA	AA	4.8	5.3	
29							
30							
31							
TOTAL	0	22.9	8.3	19.56	41.8	88.1	0
AVG	0	1.9083	0.6917	1.63	3.4833	7.3417	0
MAX	0	9.7	4.8	6.44	5.7	11.1	0
MIN	0	0	0	0	0	0	0

Additional Remarks :

Name, Address City, County, ZIP :  
 Mald Environmental Management Project  
 100 Willey Road  
 Hamilton OH4501394C

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

Application : 11000004\*FD  
 10/17/2001

Sampling Station Description :  
 FINAL OUTFALL - PARSHALL FLUME

3923

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

Day	(1) (2)	3 (39120) Benzidine, Total ug/l	3 (39400) Toxaphene, Total ug/l	1 (50050) Flow Rate MGD	3 (50060) Chlorine, Total Residual mg/l	3 (78391) Trichloroethene ug/l	2 (80082) CBOD 5 day mg/l	3 (99992) Mercury, Total Recoverable ug/l
01				3.924	AA			
02				5.799				
03				6.081				
04				5.73	AA		AA	
05		AA	AA	5.536		AA		0.0002
06				5.835	AA		AA	
07				5.611				
08				5.918				
09				5.947				
10				6.108	AA			
11				6.007	AA		AA	
12				5.782				
13				6.265				
14				6.605	AA		AA	
15				6.45				
16				6.598				
17				6.454	AA		AA	
18				6.232				
19				6.628	AA		AA	
20				6.229	AA			
21				5.183				
22				6.617				
23				6.571				
24				6.995	AA		AA	
25				6.23				
26				6.285	AA			
27				6.378	AA		AA	
28				6.304				
29				6.259				
30				6.26				
31								
TOTAL		0	0	182.821	0	0	0	0.0002
AVG		0	0	6.094	0	0	0	0.0002
MAX		0	0	6.995	0	0	0	0.0002
MIN		0	0	3.924	0	0	0	0.0002

Additional Remarks :

Name, Address City, County, ZIP :  
 Donald Environmental Management Project  
 30 Willey Road  
 Milton OH 4501394C

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

Application : 10/17/2001  
 11000004\*PD

Sampling Station Description :  
 FINAL OUTFALL - PARSHALL FLUME

**3923**

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

(1)	3	3	1	1			
(2)	1	1	999	999			
Day	(00010) Water Temperature C	(00300) Dissolved Oxygen mg/l	(00401) pH, Maximum S.U.	(00402) pH, Minimum S.U.			
01	11.6		7.3	7.2			
02	11.6		7.2	7.2			
03	11.8		7.2	7.2			
04	12.7	9.73	7.2	7.2			
05	11.8		7.2	7.2			
06	11.8	10.22	7.2	7.2			
07	11.7		7.2	7.1			
08	11.6		7.2	7.2			
09	12.2		7.2	7.1			
10	12.2		7.2	7.1			
11	11.8	9.4	7.2	7.1			
12	11.7		7.2	7.1			
13	12.1		7.2	7			
14	11.7	8.09	7.4	7.2			
15	11.7		7.3	7.2			
16	11.7		7.2	7.1			
17	11.4	9.22	7.2	7.1			
18	11.6		7.2	7.1			
19	11.4	9.7	7.2	7.1			
20	11.2		7.2	6.9			
21	11.5		7.1	7			
22	11.7		7.1	7			
23	11.9		7	7			
24	11.6	6.47	7	7			
25	11.1		7	7			
26	11		7	7			
27	10.8	6.54	7	7			
28	11		7	7			
29	10.9		7	7			
30	11		7	7			
31							
TOTAL	347.8	69.37	214.6	212.6	0	0	0
AVG	11.5933	8.6713		7.0867			
MAX	12.7	10.22	7.4	7.2			
MIN	10.8	6.47	7	6.9			

Additional Remarks :

Name, Address City, County, ZIP :  
 National Environmental Management Project  
 30 Willey Road  
 Milton OH 4501394C

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

Application : 10/17/2001  
 11000004\*FD

Sampling Station Description :  
 BYPASS MONITORING - SWRB OVERFLOW

3923

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

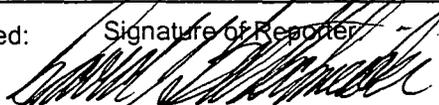
(1)	2	2	3	3	2	3	3
(2)	3	3	1	1	3	1	1
Day	(01119) Copper, Total Recoverable ug/l	(50050) Flow Rate ug/l	(00401) pH, Maximum ug/l	(00402) pH, Minimum ug/l	(00530) Total Suspended Solids ug/l	(50060) Chlorine, Total Residual ug/l	(99992) Mercury, Total Recoverable ug/l
01	AL						
02							
03							
04							
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 :

000007

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: 10/17/2001  
 Signature of Reporter:   
 Title of Reporter: ARWWP PROJECT MANAGER

Name, Address City, County, ZIP :  
 Franklin Environmental Management Project  
 100 Willey Road  
 Columbus OH 4501394C

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

Application : 11000004\*FD  
 10/17/2001

Sampling Station Description :  
 INTERNAL MONITORING STATION - SEWAGE TREATMENT PLANT

3923

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

(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		6.36			0.0415		
02		6.61			0.0271		
03		6.62			0.0269		
04		6.81	25		0.0484	4.5	
05		6.71			0.0564		
06	34	6.71	22		0.0475	5.6	
07		6.3			0.0407		
08		6.34			0.0342		
09		7.15			0.039		
10		6.98			0.0693		
11	20	6.84	4.4		0.0477	AA	
12		6.75			0.043		
13		6.67			0.052		
14		6.56	3.6	0.75	0.02714	AA	
15		6.49			0.01922		
16		6.79			0.0316		
17		6.61	6.4		0.03204	AA	
18		6.73			0.041		
19	26	6.42	6		0.046	2.38	
20		6.73			0.052		
21		6.47			0.06829		
22		6.52			0.02057		
23		6.82			0.0166		
24	1	6.88	2		0.0511	AA	
25		6.7			0.04415		
26		6.54			0.04297		
27		6.44	4.4	0.22	0.04526	AA	
28		6.34			0.0339		
29		6.72			0.0301		
30		6.7			0.0209		
31							
TOTAL	81	199.31	73.8	0.97	1.1965	12.48	0
AVG	11.5311	6.6437	9.225	0.485	0.0399	1.56	
MAX	34	7.15	25	0.75	0.0693	5.6	
MIN	1	6.3	2	0.22	0.0166	0	

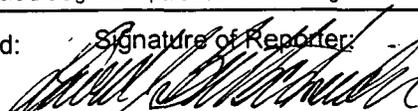
Additional Remarks :

000008

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:  
 10/17/2001

Signature of Reporter:



Title of Reporter:  
 ARWWP PROJECT MANAGER

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) : September 2001

Application : 10/17/2001  
 1I000004\*FD

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

3923

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)	(4)	(5)	(6)	(7)
	3	1	1	1	1	1	1
	(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	270	8.6	23	8.06	AA	12.4	400
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							
21							
22							
23							
24							
25							
26							
27							
28							
29							
30							
31							
TOTAL	270	8.6	23	8.06	0	12.4	400
AVG	270	8.6	23	8.06	0	12.4	400
MAX	270	8.6	23	8.06	0	12.4	400
MIN	270	8.6	23	8.06	0	12.4	400

Additional Remarks :

000009

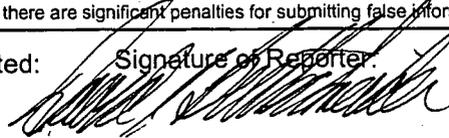
I certify under the penalty of law that I have personally examined and am familiar with the information submitted and based on my inquiry of those individuals immediately responsible for obtaining the information, I believe the submitted information is true, accurate and complete. I am aware that there 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:  
10/17/2001

Signature of Reporter:



Title of Reporter:  
ARWWP PROJECT MANAGER

Name, Address City, County, ZIP :  
 Grand Environmental Management Project  
 30 Willey Road  
 Milton OH 45013940

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

Application : 10/17/2001  
 11000004\*FD

Sampling Station Description :  
 UPSTREAM MONITORING - UPSTREAM OF OUTFALL 11000004001

**3923**

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

(1)	3	3	3	3	3	3	3
(2)	1	1	1	1	1	1	1
Day	(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	18.8	AA	34.3	3.9	17.8	17	27.6
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							
21							
22							
23							
24							
25							
26							
27							
28							
29							
30							
31							
TOTAL	18.8	0	34.3	3.9	17.8	17	27.6
AVG	18.8	0	34.3	3.9	17.8	17	27.6
MAX	18.8	0	34.3	3.9	17.8	17	27.6
MIN	18.8	0	34.3	3.9	17.8	17	27.6

Additional Remarks :

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) : September 2001

Application :  
 11000004\*FD

10/17/2001

Page 3 of 3

Sampling Station Description :  
 UPSTREAM MONITORING - UPSTREAM OF OUTFALL 11000004001

**3923**

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	0.019						
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							
21							
22							
23							
24							
25							
26							
27							
28							
29							
30							
31							
TOTAL	0.019	0	0	0	0	0	0
AVG	0.019						
MAX	0.019						
MIN	0.019						

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) : September 2001

Application : 11000004\*FD  
 10/17/2001

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

**3923**

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

	3	3	3	3	3	3	3
(1)	1	1	1	1	1	1	1
(2)	(99992)	(00010)	(00300)	(00400)	(00610)	(00900)	(00979)
Day	Mercury, Total Recoverable ug/l	Water Temperature C	Dissolved Oxygen mg/l	pH S.U.	Nitrogen, Ammonia (NH3) mg/l	Hardness, Total (CaCO3) mg/l	Cobalt, Total Recoverable ug/l
01							
02							
03							
04							
05							
06							
07							
08							
09							
10	0.0187	23	6.97	8.24	AA	255	7.5
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							
21							
22							
23							
24							
25							
26							
27							
28							
29							
30							
31							
<b>TOTAL</b>	0.0187	23	6.97	8.24	0	255	7.5
<b>AVG</b>	0.0187	23	6.97	8.24	0	255	7.5
<b>MAX</b>	0.0187	23	6.97	8.24	0	255	7.5
<b>MIN</b>	0.0187	23	6.97	8.24	0	255	7.5

Additional Remarks :

**000012**

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:  
 10/17/2001

Signature of Reporter:  


Title of Reporter:  
 ARWWP PROJECT MANAGER

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) : September 2001

Application : 11000004\*FD  
 10/17/2001

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

**3923**

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)	(1)	(2)	(1)	(2)	(1)	(2)
	(01055) Manganese, Total (Mn) 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	271	11.9	AA	23.2	AA	10.4	4	
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								
21								
22								
23								
24								
25								
26								
27								
28								
29								
30								
31								
TOTAL	271	11.9	0	23.2	0	10.4	4	
AVG	271	11.9	0	23.2	0	10.4	4	
MAX	271	11.9	0	23.2	0	10.4	4	
MIN	271	11.9	0	23.2	0	10.4	4	

Additional Remarks :

Name, Address City, County, ZIP :  
National Environmental Management Project  
100 Willey Road  
Milton OH 4501394C

Station Code : 902  
Reported Date (Month Year) : September 2001

Application : 11000004\*FD  
10/17/2001

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

**3923**

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

(1)	3						
(2)	1						
ay	(01119) Copper, Total Recoverable ug/l						
1							
2							
3							
4							
5							
6							
7							
8							
9							
0	13.8						
1							
2							
3							
4							
5							
6							
7							
8							
9							
0							
1							
2							
3							
4							
5							
6							
7							
8							
9							
0							
1							
TAL	13.8	0	0	0	0	0	0
/G	13.8						
AX	13.8						
IN	13.8						

Additional Remarks :