

Siefert, Caran

ECDC 52-7

From: Siefert, Caran
Sent: Wednesday, April 18, 2001 1:14 PM
To: 'swimware@www.epa.state.oh.us'
Cc: Brettschneider, David; Hertel, William; Johnston, Frank; Nickel, Kathi; Skintik, Ed; Siefert, Caran
Subject: MARCH 2001 Discharge Monitoring Reports

- 8651

Attached are the electronic submittals of the March DMR reports.

Internal distribution will be via hard copy at a later date. If you have any questions, please contact Caran G. Siefert at



1332276.ZIP

(513) 548-4202.

42

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Siefert, Caran

From: Web Mail Admin [daemon@demboy.epa.state.oh.us]
Sent: Wednesday, April 18, 2001 1:14 PM
To: Caran.Siefert@fernald.gov

Ohio EPA - Electronic Data Submission Receipt

System: SWIMWARE Version: 1.0.0

FERNALD ENVIRONMENTAL MANAGEMENT PROJECT

7400 Willey Road

Hamilton OH 450139402

(513)-6483000

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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) : March 2001

Application : 11O00004*FD

04/18/2001

Sampling Station Description :
 FINAL OUTFALL - Parshall Flume

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	3	3	3
(2)	998	998	998	1	1	1	1
Day	(01114) Lead, Total Recoverable ug/l	(01118) Chromium, Total Recoverable ug/l	(01119) Copper, Total Recoverable ug/l	(34675) 2,3,7,8 TCDD pg/l	(39032) Pentachlorophenol ug/l	(39120) Benzidine, Total ug/l	(39400) Toxaphene, Total ug/l
01	AA	AA	AA				
02							
03							
04							
05				AA	AA	AA	AA
06	AA	AA	AA				
07	AA	AA	AA				
08							
09							
10							
11	AA	AA	AA				
12							
13	AA	AA	1.5				
14	AA	AA	AA				
15							
16	AA	2.6	AA				
17							
18							
19	AA	3.7	AA				
20							
21	AA	2.8	AA				
22							
23	AA	2.9	AA				
24							
25							
26	AA	4.1	4				
27							
28	AA	AA	2.7				
29							
30							
31							
TOTAL	0	16.1	8.2	0	0	0	0
AVG	0	1.3417	0.6833	0	0	0	0
MAX	0	4.1	4	0	0	0	0
MIN	0	0	0	0	0	0	0

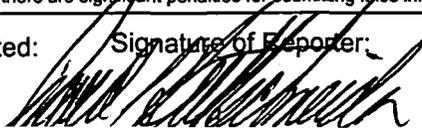
Additional Remarks :

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.

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Date Report Completed:
 04/18/2001

Signature of Reporter:



Title of Reporter:

ARWWP Project Manager

Name, Address City, County, ZIP :
 FERNALD ENVIRONMENTAL MANAGEMENT
 PROJECT
 7400 Willey Road
 Hamilton OH4501394C

Station Code : 001
 Reported Date (Month Year) : -March 2001

Application :
 11000004*FD

04/18/2001

Page 2 of 4

Sampling Station Description :
 FINAL OUTFALL - Parshall Flume

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

(1)	1	3	3	2	3	3	3
(2)	999	1	1	998	1	1	1
Day	(50050) Flow Rate MGD	(50060) Chlorine, Total Residual mg/l	(78391) Trichloroethene ug/l	(80082) CBOD 5 day mg/l	(99992) Mercury, Total Recoverable ug/l	(00010) Water Temperature C	(00300) Dissolved Oxygen mg/l
01	5.646	AA		AA		10	8.8
02	5.984	AA				10.1	
03	5.781					10.2	
04	5.88					10	
05	5.862		AA		AA	9.7	
06	5.861					9.7	
07	5.87	AA		AA		9.9	9.3
08	5.65					9.8	
09	5.813	AA				9.9	
10	5.776					9.9	
11	5.858	AA		AA		10.1	7.9
12	5.768					10.5	
13	5.572	AA		AA		10.1	9.3
14	5.817					10.3	
15	5.716	AA				10.2	
16	5.37					10.2	
17	5.191					10.1	
18	5.522					10.1	
19	6	AA		AA		10.1	9.4
20	5.894					10.1	
21	6.009	AA		AA		10.2	9.6
22	5.066					10.2	
23	6.02	AA		AA		10.3	9.6
24	5.062					10.2	
25	5.668					9.9	
26	5.19					10.1	
27	5.15	AA				10.1	
28	5.435	AA		AA		10.1	9.9
29	5.475					9.8	
30	5.943					10	
31	5.726					10.1	
TOTAL	175.575	0	0	0	0	312	73.8
AVG	5.6637	0	0	0	0	10.0645	9.225
MAX	6.02	0	0	0	0	10.5	9.9
MIN	5.062	0	0	0	0	9.7	7.9

Additional Remarks :

Name, Address City, County, ZIP :
 FERNALD ENVIRONMENTAL MANAGEMENT
 PROJECT
 7400 Willey Road
 Hamilton OH4501394C

Station Code : 001
 Reported Date (Month Year) : -March 2001

Application :
 11000004*FD

Sampling Station Description :
 FINAL OUTFALL - Parshall Flume

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

(1)	1	1	2	3	2	3	2
(2)	999	999	998	1	998	1	998
Day	(00401) pH, Maximum S.U.	(00402) pH, Minimum S.U.	(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
01	6.9	6.9		AA	1.35	AA	AA
02	6.9	6.9	AA				
03	6.9	6.9	AA				
04	6.9	6.8	AA				
05	6.9	6.9	AA				
06	6.9	6.8	AA			AA	
07	6.9	6.8	AA	AA	2.53	AA	AA
08	6.9	6.9	AA				
09	6.9	6.9	AA				
10	6.9	6.9	AA				
11	6.9	6.8	AA	AA	2.84	AA	AA
12	6.9	6.8	AA				
13	6.9	6.8	AA	AA	1.77	AA	AA
14	6.9	6.8	AA			AA	
15	7	6.8	AA				
16	6.9	6.8	AA			AA	
17	7.1	6.8	AA				
18	6.9	6.9	AA				
19	6.9	6.8	AA	AA		AA	AA
20	6.9	6.9	AA		4.53		
21	6.9	6.9	AA	AA	4.76	AA	AA
22	6.9	6.8	AA				
23	6.9	6.9	AA	AA	1.39	AA	AA
24	7.3	6.9	AA				
25	7	6.9	AA				
26	7	6.8	AA			AA	
27	7.1	6.9	AA				
28	7	6.9	AA	AA	AA	AA	AA
29	7	6.8	2.4				
30	6.9	6.8	AA				
31	7.1	6.8	AA				
TOTAL	215.4	212.3	2.4	0	19.17	0	0
AVG			0.08	0	2.3963	0	0
MAX	7.3	6.9	2.4	0	4.76	0	0
MIN	6.9	6.8	0	0	0	0	0

Additional Remarks :

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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) : -March 2001

Application : 11000004*FD

Sampling Station Description :
 FINAL OUTFALL - Parshall Flume

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)	998	998	998	998	998		
Day	(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		
01	58.3	1.6	AA	4.1	AA		
02							
03							
04							
05							
06		AA	AA	2.2	AA		
07	38.5	AA	AA	1.7	AA		
08							
09							
10							
11	34.8	AA	AA	2.6	AA		
12							
13	39.4	1.8	AA	6.8	AA		
14		AA	AA	3.4	AA		
15							
16		AA	AA	AA	AA		
17							
18							
19	38.7	AA	AA	AA	AA		
20							
21	44.6	AA	AA	4.5	AA		
22							
23	27.8	AA	AA	AA	AA		
24							
25							
26		AA	AA	AA	AA		
27							
28	41.8	AA	AA	AA	AA		
29							
30							
31							
TOTAL	323.9	3.4	0	25.3	0	0	0
AVG	40.4875	0.2833	0	2.1083	0		
MAX	58.3	1.8	0	6.8	0		
MIN	27.8	0	0	0	0		

Additional Remarks :

Name, Address City, County, ZIP :
 FERNALD ENVIRONMENTAL MANAGEMENT
 PROJECT
 7400 Willey Road
 Hamilton OH4501394C

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

Application : 04/18/2001
 11000004*FD

Sampling Station Description :
 BYPASS MONITORING - SWRB overflow

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) (00401) pH, Maximum S.U.	(3) (1) (00402) pH, Minimum S.U.	(2) (3) (00530) Total Suspended Solids S.U.	(2) (3) (01119) Copper, Total Recoverable S.U.	(2) (3) (50050) Flow Rate S.U.	(3) (1) (50060) Chlorine, Total Residual S.U.	(3) (1) (99992) Mercury, Total Recoverable S.U.
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.

Form No EPA 4500 (8-91)

Formerly EPA SUR1

Date Report Completed:
 04/18/2001

Signature of Reporter:


Title of Reporter:
 ARWWP Project Manager

7

Name, Address City, County, ZIP :
 FERNALD ENVIRONMENTAL MANAGEMENT
 PROJECT
 7400 Willey Road
 Hamilton OH45013940

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

Application :
 11000004*FD

04/18/2001

Sampling Station Description :
 INTERNAL MONITORING STATION - Sewage treatment plant

in(1) - Enter 1 for Continuous, 2 for Composite, 3 for Grab Sample in(2) - Enter frequency of sampling	Reporting Lab :	Analyst :
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(1)	2	3	2	2	1		
(2)	998	1	998	998	999		
Day	(80082) CBOD 5 day mg/l	(00400) pH S.U.	(00530) Total Suspended Solids mg/l	(00610) Nitrogen, Ammonia (NH3) mg/l	(50050) Flow Rate MGD		
01	8	6.1	19		0.055		
02		6.2			0.033		
03		6.2			0.03		
04		6.1			0.032		
05		6.4			0.049		
06		6.3			0.047		
07	4.6	6.3	17.2		0.045		
08		6.1			0.043		
09		6.3			0.03		
10		6.4			0.019		
11	5.1	6.2	7.6		0.018		
12		6.3			0.041		
13	16.3	6.3	19.6		0.06		
14		6.2			0.054		
15		6			0.037		
16		5.5			0.035		
17		6.2			0.025		
18		6.3			0.08		
19	3.7	6.5	14		0.044		
20		6.4			0.043		
21	2.9	6.2	10.4		0.039		
22		6.3			0.029		
23	2.3	5.4	4.8		0.026		
24		5.5			0.019		
25		5.8			0.025		
26		6.2			0.044		
27		6.3			0.037		
28	5.2	6.2	7		0.037		
29		5.9			0.036		
30		5.9			0.012		
31		6.2			0.04		
TOTAL	48.1	190.2	99.6	0	1.164	0	0
AVG	6.0125	6.1355	12.45		0.0375		
MAX	16.3	6.5	19.6		0.08		
MIN	2.3	5.4	4.8		0.012		

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: 04/18/2001	Signature of Reporter: 	Title of Reporter: ARWWP Project Manager
--------------------------------------	----------------------------	---

8

Name, Address City, County, ZIP :
 FERNALD ENVIRONMENTAL MANAGEMENT
 PROJECT
 7400 Willey Road
 Hamilton OH4501394C

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

Application : 11000004*FD
 04/18/2001

Sampling Station Description :
 UPSTREAM MONITORING - Upstream of outfall 11000004001

in(1) - Enter 1 for Continuous, 2 for Composite, 3 for Grab Sample in(2) - Enter frequency of sampling	Reporting Lab :	Analyst :
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	3	3	3	3	3	3	3
(1)	1	1	1	1	1	1	1
(2)	1	1	1	1	1	1	1
Day	(00610) Nitrogen, Ammonia (NH3) mg/l	(00010) Water Temperature C	(00300) Dissolved Oxygen mg/l	(00400) pH S.U.	(00900) Hardness, Total (CaCO3) 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							
19	AA	7.7	10.1	8.2	332.5	AA	16.8
20							
21							
22							
23							
24							
25							
26							
27							
28							
29							
30							
31							
TOTAL	0	7.7	10.1	8.2	332.5	0	16.8
AVG	0	7.7	10.1	8.2	332.5	0	16.8
MAX	0	7.7	10.1	8.2	332.5	0	16.8
MIN	0	7.7	10.1	8.2	332.5	0	16.8

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.

9

Name, Address City, County, ZIP :
 FERNALD ENVIRONMENTAL MANAGEMENT
 PROJECT
 7400 Willey Road
 Hamilton OH4501394C

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

Application : 11000004*FD

Sampling Station Description :
 UPSTREAM MONITORING - Upstream of outfall 11000004001

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	(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							
19	AA	AA	7.1	AA	2.54	4.1	3.7
20							
21							
22							
23							
24							
25							
26							
27							
28							
29							
30							
31							
TOTAL	0	0	7.1	0	2.54	4.1	3.7
AVG	0	0	7.1	0	2.54	4.1	3.7
MAX	0	0	7.1	0	2.54	4.1	3.7
MIN	0	0	7.1	0	2.54	4.1	3.7

Additional Remarks :

10

Name, Address City, County, ZIP :
 FERNALD ENVIRONMENTAL MANAGEMENT
 PROJECT
 7400 Willey Road
 Hamilton OH4501394C

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

Application :
 11O00004*FD

04/18/2001

Sampling Station Description :
 UPSTREAM MONITORING - Upstream of outfall 11O00004001

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

Day	(1) (2) (99992) Mercury, Total Recoverable ug/l					
01						
02						
03						
04						
05						
06						
07						
08						
09						
10						
11						
12						
13						
14						
15						
16						
17						
18						
19	0.00159					
20						
21						
22						
23						
24						
25						
26						
27						
28						
29						
30						
31						
TOTAL	0.0016	0	0	0	0	0
AVG	0.0016					
MAX	0.00159					
MIN	0.00159					

Additional Remarks :

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Name, Address City, County, ZIP :
 FERNALD ENVIRONMENTAL MANAGEMENT
 PROJECT
 7400 Willey Road
 Hamilton OH 4501394C

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

Application : 11000004*FD
 04/18/2001

Sampling Station Description :
 DOWNSTREAM-NEARFIELD MONITORING - Downstream of outfall 11000004001

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) (00610) Nitrogen, Ammonia (NH3) mg/l	(3) (1) (00010) Water Temperature C	(3) (1) (00300) Dissolved Oxygen mg/l	(3) (1) (00400) pH S.U.	(3) (1) (00900) Hardness, Total (CaCO3) mg/l	(3) (1) (00979) Cobalt, Total Recoverable ug/l	(3) (1) (01055) Manganese, Total (Mn) ug/l
01							
02							
03							
04							
05							
06							
07							
08							
09							
10							
11							
12							
13							
14							
15							
16							
17							
18							
19	AA	7.7	9.6	8.2	327	AA	19.4
20							
21							
22							
23							
24							
25							
26							
27							
28							
29							
30							
31							
TOTAL	0	7.7	9.6	8.2	327	0	19.4
AVG	0	7.7	9.6	8.2	327	0	19.4
MAX	0	7.7	9.6	8.2	327	0	19.4
MIN	0	7.7	9.6	8.2	327	0	19.4

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.

Date Report Completed:
 04/18/2001

Signature of Reporter


Title of Reporter:
 ARWWP Project Manager

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Name, Address City, County, ZIP :
 FERNALD ENVIRONMENTAL MANAGEMENT
 PROJECT
 7400 Willey Road
 Hamilton OH4501394C

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

Application.: 11000004*FD
 04/18/2001

Sampling Station Description :
 DOWNSTREAM-NEARFIELD MONITORING - Downstream of outfall 11000004001

in(1) - Enter 1 for Continuous, 2 for Composite, 3 for Grab Sample in(2) - Enter frequency of sampling	Reporting Lab :	Analyst :
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	3	3	3	3	3	3	3
(1)	1	1	1	1	1	1	1
(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							
11							
12							
13							
14							
15							
16							
17							
18							
19	AA	AA	8.1	AA	AA	4.1	4.6
20							
21							
22							
23							
24							
25							
26							
27							
28							
29							
30							
31							
TOTAL	0	0	8.1	0	0	4.1	4.6
AVG	0	0	8.1	0	0	4.1	4.6
MAX	0	0	8.1	0	0	4.1	4.6
MIN	0	0	8.1	0	0	4.1	4.6

Additional Remarks :

Name, Address City, County, ZIP :
 FERNALD ENVIRONMENTAL MANAGEMENT
 PROJECT
 7400 Willey Road
 Hamilton OH 45013940

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

Application :
 11000004*FD

04/18/2001

Page 3 of 3

Sampling Station Description :
 DOWNSTREAM-NEARFIELD MONITORING - Downstream of outfall 11000004001

in(1) - Enter 1 for Continuous, 2 for Composite, 3 for Grab Sample in(2) - Enter frequency of sampling	Reporting Lab :	Analyst :
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	(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							
19	0.00263						
20							
21							
22							
23							
24							
25							
26							
27							
28							
29							
30							
31							
TOTAL	0.0026	0	0	0	0	0	0
AVG	0.0026						
MAX	0.00263						
MIN	0.00263						

Additional Remarks :

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