

MONTHLY REPORT FORM

4500

Name, Address City, County, ZIP :
 USDOE FERNALD-ENVIRONMENTAL MGMT
 PROJ
 Fluor Fernald
 P.O. Box 538704
 Cincinnati OH 4525387

Station Code : 601
 Reported Date (Month Year) : February 2003
 Sampling Station Description :
 Sewage Treatment Plant Effluent (Internal to 001)

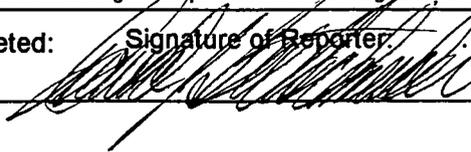
Application : 11000004*FD
 03/12/2003

4781

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

(1) (2)	1	3	2	2			
Day	(50050) Flow Rate MGD	(00400) pH S.U.	(00530) Total Suspended Solids mg/l	(80082) CBOD 5 day mg/l			
01	0.0287	5.99					
02	0.0291	6.15					
03	0.0587	5.99					
04	0.0615	6.4	26.4	14.6			
05	0.0558	6.61					
06	0.0534	6.13	146	22.8			
07	0.0361	6.31					
08	0.0222	5.92					
09	0.0243	6.11					
10	0.0399	6.45					
11	0.0517	6.3	142	21			
12	0.0436	6.39					
13	0.0443	6.18					
14	0.0452	6.23	76	20.7			
15	0.0446	5.96					
16	0.0441	6.56					
17	0.0402	6.27	52	11.8			
18	0.0493	6.52					
19	0.0544	6.5	40	14.2			
20	0.0496	6.48					
21	0.047	6.55					
22	0.0748	6.48					
23	0.0914	6.59					
24	0.0638	6.88	11.2	4.2			
25	0.0645	6.7					
26	0.0678	6.66					
27	0.055	6.76	22	5.1			
28	0.0565	6.89					
29							
30							
31							
TOTAL	1.3975	178.96	515.6	114.4	0	0	0
AVG	0.0499	N/A	64.45	14.3			
MAX	0.0914	6.89	146	22.8			
MIN	0.0222	5.92	11.2	4.2	0	0	0

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: 03/12/2003	Signature of Reporter: 	Title of Reporter: ARWWP PROJ. MGR.
--------------------------------------	---	--

4781

MONTHLY REPORT FORM

4500

Name, Address City, County, ZIP :
USDOE FERNALD ENVIRONMENTAL MGMT
PROJ
Fluor Fernald
P.O. Box 538704
Cincinnati OH 4525387

Station Code :
601

Reported Date (Month Year) :
February 2003

Application :
1I000004*FD

03/12/2003

Sampling Station Description :

Sewage Treatment Plant Effluent (Internal to 001)

2

Name, Address City, County, ZIP :
 USDOE FERNALD ENVIRONMENTAL MGMT
 PROJ
 Fluor Fernald
 P.O. Box 538704
 Cincinnati OH 4525387

Station Code : 002
 Reported Date (Month Year) : February 2003

Application : 11000004*FD

03/12/2003

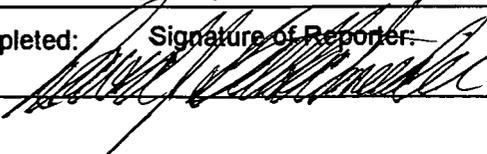
Sampling Station Description :
 Storm Water Retention Basin Overflow

4781

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) (00530) Total Suspended Solids mg/l	2 (01119) Copper, Total Recoverable ug/l	3 (50050) Flow Rate MGD	3 (00400) pH S.U.	3 (50060) Chlorine, Total Residual mg/l	3 (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			N/A			
MAX	0						
MIN	0	0	0	0	0	0	0

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: 03/12/2003	Signature of Reporter: 	Title of Reporter: ARWWP PROJ. MGR.
--------------------------------------	---	--

4781

MONTHLY REPORT FORM

4500

Name, Address City, County, ZIP :
USDOE FERNALD ENVIRONMENTAL MGMT
PROJ
Fluor Fernald
P.O. Box 538704
Cincinnati OH 4525387

Station Code :
002

Reported Date (Month Year) :
February 2003

Application :
11000004*FD

03/12/2003

Sampling Station Description :
Storm Water Retention Basin Overflow

MONTHLY REPORT FORM

4500

Name, Address City, County, ZIP :
 USDOE FERNALD ENVIRONMENTAL MGMT
 PROJ
 Fluor Fernald
 P.O. Box 538704
 Cincinnati OH 4525387

Station Code : 001
 Reported Date (Month Year) : February 2003
 Sampling Station Description :
 Final Outfall

Application :
 11O00004*FD

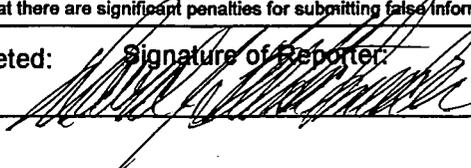
03/12/2003

4781

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	3	3	1	3
Day	(01114) Lead, Total Recoverable ug/l	(01118) Chromium, Total Recoverable ug/l	(01119) Copper, Total Recoverable ug/l	(39120) Benzidine, Total ug/l	(39400) Toxaphene, Total ug/l	(50050) Flow Rate MGD	(50060) Chlorine, Total Residual mg/l
01						6.182	
02						6.213	
03						5.035	
04	2.31	1.14	3.42			6.215	AA
05				AA	AA	5.865	
06	AA	AA	3.99			6.136	AA
07	AA	AA	5.09			6.026	
08						6.164	
09	AA	AA	3.59			6.136	
10						6.104	
11	2.24	AA	3.02			5.997	AA
12						5.507	
13						5.655	
14	AA	AA	6.83			5.513	AA
15						5.779	
16						6.31	
17	4.95	AA	13.8			5.883	AA
18						5.967	
19	AA	AA	8.8			6.007	AA
20						6.093	
21	AA	AA	6.05			6.162	
22						6.03	
23						6.537	
24	AA	AA	5.84			6.677	AA
25						6.761	
26						6.799	
27	AA	AA	6.75			6.386	AA
28	AA	AA	7.23			6.055	
29							
30							
31							
TOTAL	9.5	1.14	74.41	0	0	170.194	0
AVG	0.7917	0.095	6.2008	0	0	6.0784	0
MAX	4.95	1.14	13.8	0	0	6.799	0
MIN	0	0	3.02	0	0	5.035	0

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: 03/12/2003	Signature of Reporter: 	Title of Reporter: ARWWP PROJ. MGR.
--------------------------------------	---	--

MONTHLY REPORT FORM

4500

Name, Address City, County, ZIP :
 USDOE FERNALD ENVIRONMENTAL MGMT
 PROJ
 Fluor Fernald
 P.O. Box 538704
 Cincinnati OH 4525387

Station Code : 001
 Reported Date (Month Year) : February 2003
 Sampling Station Description :
 Final Outfall

Application :
 1I000004*FD

03/12/2003

4781

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

	3	2	3	3	3	1	1	
(1)	1	998	1	1	1	999	999	
(2)	(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	(00401) pH, Maximum S.U.	(00402) pH, Minimum S.U.	
Day								
01				10.1		7.3	7.2	
02				10.3		7.2	7.2	
03				10.3		7.3	7	
04		AA		10.1	8.15	7.3	7.1	
05	AA		0.00206	9.9		7.3	7.2	
06		AA		10.1	8.52	7.3	7.2	
07				9.9		7.3	7.2	
08				9.8		7.3	7.2	
09				10.2		7.3	7.2	
10				10.1		7.2	7.2	
11		AA		10.4	8.35	7.2	7.1	
12				10.3		7.3	7.2	
13				10.4		7.3	7.2	
14		AA		10.5	7.91	7.3	7.2	
15				9.8		7.3	7.2	
16				9.7		7.3	7.2	
17		AA		9.9	7.83	7.3	7.2	
18				9.7		7.3	7.2	
19		AA		9.9	7.86	7.3	7.2	
20				10.1		7.3	7.2	
21				10.2		7.2	7.2	
22				9.8		7.2	7.2	
23				9		7.2	7.1	
24		AA		8.8	7.15	7.2	7.1	
25				8.8		7.2	7.1	
26				9.1		7.2	7.1	
27		AA		9.9	8.47	7.2	7.1	
28				10		7.2	7.2	
29								
30								
31								
TOTAL	0	0	0.0021	277.1	64.24	203.3	200.7	
AVG	0	0	0.0021	9.8964	8.03	N/A	N/A	
MAX	0	0	0.00206	10.5	8.52	7.3	7.2	
MIN	0	0	0.00206	8.8	7.15	7.2	7	

MONTHLY REPORT FORM

4500

Name, Address City, County, ZIP :
 USDOE FERNALD ENVIRONMENTAL MGMT
 PROJ
 Fluor Fernald
 P.O. Box 538704
 Cincinnati OH 4525387

Station Code : 001
 Reported Date (Month Year) : February 2003
 Sampling Station Description :
 Final Outfall

Application :
 1I000004*FD

03/12/2003

4781

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						
02	AA						
03	3.2						
04	AA	AA	4.6	AA	AA	76	2.07
05	AA						
06	4.8	AA	5.1	AA	AA	107	1.73
07	2			AA			2.08
08	AA						
09	AA			AA			1.36
10	2.4						
11	2	AA	4.3	AA	AA	53	1.88
12	2						
13	2						
14	2	AA	5.3	AA	AA	39.8	1.16
15	AA						
16	2						
17	AA	AA	5	AA	AA	59.4	1.24
18	AA						
19	AA	AA	6.1	AA	AA	58.7	1.12
20	AA						
21	AA			AA			AA
22	AA						
23	AA						
24	2	AA	3.6	AA	AA	66	1.16
25	AA						
26	2.4						
27	2	AA	3.5	AA	AA	74	AA
28	AA			AA			1.39
29							
30							
31							
TOTAL	28.8	0	37.5	0	0	533.9	15.19
AVG	1.0286	0	4.6875	0	0	66.7375	1.2658
MAX	4.8	0	6.1	0	0	107	2.08
MIN	0	0	3.5	0	0	39.8	0

MONTHLY REPORT FORM

4500

Name, Address City, County, ZIP :
 USDOE FERNALD ENVIRONMENTAL MGMT
 PROJ
 Fluor Fernald
 P.O. Box 538704
 Cincinnati OH 4525387

Station Code : 001
 Reported Date (Month Year) : February 2003
 Sampling Station Description :
 Final Outfall

Application :
 1IO00004*FD

03/12/2003

4781

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)	998	998	998				
Day	(01079) Silver, Total Recoverable ug/l	(01094) Zinc, Total Recoverable ug/l	(01113) Cadmium, Total Recoverable ug/l				
01							
02							
03							
04	AA	9.77	AA				
05							
06	AA	2.95	AA				
07	AA	3.35	AA				
08							
09	AA	3.94	AA				
10							
11	AA	4.55	AA				
12							
13							
14	AA	8.18	AA				
15							
16							
17	AA	9.19	AA				
18							
19	AA	9.68	AA				
20							
21	AA	6.37	AA				
22							
23							
24	AA	7.48	AA				
25							
26							
27	AA	5.9	AA				
28	AA	6.67	AA				
29							
30							
31							
TOTAL	0	78.03	0	0	0	0	0
AVG	0	6.5025	0				
MAX	0	9.77	0				
MIN	0	2.95	0	0	0	0	0

4781

MONTHLY REPORT FORM

4500

Name, Address City, County, ZIP :
 USDOE FERNALD ENVIRONMENTAL MGMT
 PROJ

Station Code :
 001

Reported Date (Month Year) :
 February 2003

Application :
 1I000004*FD

03/12/2003

Fluor Fernald
 P.O. Box 538704
 Cincinnati OH 4525387

Sampling Station Description :
 Final Outfall

Reporting Code	Result Date	Additional Remarks	Mdl
00530	02/01/2003		2.
00530	02/02/2003		2.
00530	02/04/2003		2.
00530	02/05/2003		2.
00530	02/08/2003		2.
00530	02/09/2003		2.
00530	02/15/2003		2.
00530	02/17/2003		2.
00530	02/18/2003		2.
00530	02/19/2003		2.
00530	02/20/2003		2.
00530	02/21/2003		2.
00530	02/22/2003		2.
00530	02/23/2003		2.
00530	02/25/2003		2.
00530	02/28/2003		2.
00550	02/04/2003		5.
00550	02/06/2003		5.
00550	02/11/2003		5.
00550	02/14/2003		5.
00550	02/17/2003		5.
00550	02/19/2003		5.
00550	02/24/2003		5.
00550	02/27/2003		5.
00719	02/04/2003		.005
00719	02/06/2003		.005
00719	02/07/2003		.005
00719	02/09/2003		.005
00719	02/11/2003		.005
00719	02/14/2003		.005
00719	02/17/2003		.005
00719	02/19/2003		.005
00719	02/21/2003		.005
00719	02/24/2003		.005
00719	02/27/2003		.005
00719	02/28/2003		.005
00979	02/04/2003		1.
00979	02/06/2003		1.
00979	02/11/2003		1.

9

Reporting Code	Result Date	Additional Remarks	Mdl
00979	02/14/2003		1.
00979	02/17/2003		1.
00979	02/19/2003		1.
00979	02/24/2003		1.
00979	02/27/2003		1.
01074	02/21/2003		1.
01074	02/27/2003		1.
01079	02/04/2003		1.
01079	02/06/2003		1.
01079	02/07/2003		1.
01079	02/09/2003		1.
01079	02/11/2003		1.
01079	02/14/2003		1.
01079	02/17/2003		1.
01079	02/19/2003		1.
01079	02/21/2003		1.
01079	02/24/2003		1.
01079	02/27/2003		1.
01079	02/28/2003		1.
01113	02/04/2003		1.
01113	02/06/2003		1.
01113	02/07/2003		1.
01113	02/09/2003		1.
01113	02/11/2003		1.
01113	02/14/2003		1.
01113	02/17/2003		1.
01113	02/19/2003		1.
01113	02/21/2003		1.
01113	02/24/2003		1.
01113	02/27/2003		1.
01113	02/28/2003		1.
01114	02/06/2003		1.
01114	02/07/2003		1.
01114	02/09/2003		1.
01114	02/14/2003		1.
01114	02/19/2003		1.
01114	02/21/2003		1.
01114	02/24/2003		1.
01114	02/27/2003		1.
01114	02/28/2003		1.
01118	02/06/2003		1.
01118	02/07/2003		1.
01118	02/09/2003		1.
01118	02/11/2003		1.
01118	02/14/2003		1.
01118	02/17/2003		1.
01118	02/19/2003		1.

Reporting Code	Result Date	Additional Remarks	Mdi
01118	02/21/2003		1.
01118	02/24/2003		1.
01118	02/27/2003		1.
01118	02/28/2003		1.
39120	02/05/2003		.5
39400	02/05/2003		.88
50060	02/04/2003		.05
50060	02/06/2003		.05
50060	02/11/2003		.05
50060	02/14/2003		.05
50060	02/17/2003		.05
50060	02/19/2003		.05
50060	02/24/2003		.05
50060	02/27/2003		.05
78391	02/05/2003		2.
80082	02/04/2003		2.
80082	02/06/2003		2.
80082	02/11/2003		2.
80082	02/14/2003		2.
80082	02/17/2003		2.
80082	02/19/2003		2.
80082	02/24/2003		2.
80082	02/27/2003		2.