

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) :
 June 2003

Application :
 11000004*FD

07/17/2003

Sampling Station Description :
 Final Outfall

4952

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

Reporting Lab :

Analyst :

(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 ng/l	(39032) Pentachlorophenol ug/l	(39120) Benzidine, Total ug/l	(39400) Toxaphene, Total ug/l
01							
02							
03	AA	AA	2.95				
04	AA	AA	2.42				
05							
06	AA	1	5.46				
07							
08	6.24	1.23	2.81				
09							
10	AA	1.68	3.5				
11				AA	AA	AA	AA
12							
13	AA	1.02	3.25				
14							
15							
16	AA	1.42	5.72				
17							
18	AA	AA	4.85				
19							
20	AA	AA	4.07				
21							
22	AA	AA	4.5				
23							
24	AA	AA	3.61				
25							
26	AA	AA	3.84				
27							
28							
29							
30							
31							
TOTAL	6.24	6.35	46.98	0	0	0	0
AVG	0.52	0.5292	3.915	0	0	0	0
MAX	6.24	1.68	5.72	0	0	0	0
MIN	0	0	2.42	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:
 07/17/2003

Signature of Reporter:
 Frank Johnston

Title of Reporter:
 Environmental Compliance

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Final Outfall

4952

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	5.48					11.6	
02	6.547					11.3	
03	6.094	AA		AA		11.3	7.05
04	5.426					11.3	
05	4.849					11.6	
06	4.842	AA		AA		11.3	6.15
07	4.987					11.6	
08	4.915					11.7	
09	6.166					11.4	
10	6.721	AA		AA		11.4	5.23
11	6.913		AA		0.00207	12.3	
12	6.584					12.3	
13	6.335	AA		AA		12.3	5.22
14	6.086					14.4	
15	7.071					14.1	
16	7.465	AA		6.7		14.5	5.72
17	6.886					14.1	
18	7.024	AA		AA		14.4	6.33
19	5.989					13.2	
20	5.983					13.1	
21	6.115					13.3	
22	5.923					13.9	
23	5.73					14	
24	5.751	AA		AA		14.4	5.97
25	5.542					15	
26	6.038	AA		AA		13.8	5.13
27	6.407					14.1	
28	5.406					14.8	
29	5.356					14.6	
30	5.618					14.6	
31							
TOTAL	180.249	0	0	6.7	0.0021	391.7	46.8
AVG	6.0083	0	0	0.8375	0.0021	13.0567	5.85
MAX	7.465	0	0	6.7	0.00207	15	7.05
MIN	4.842	0	0	0	0.00207	11.3	5.13

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Reporting Lab :

Analyst :

(1) (2) Day	1 999 (00401) pH, Maximum S.U.	1 999 (00402) pH, Minimum S.U.	2 998 (00530) Total Suspended Solids mg/l	3 1 (00550) Oil and Grease, Total mg/l	2 998 (00610) Nitrogen, Ammonia (NH3) mg/l	3 1 (00719) Cyanide, Free mg/l	2 998 (00979) Cobalt, Total Recoverable ug/l
01	7.4	7.2	AA				
02	7	6.9	AA				
03	7	6.9	AA	2.97	0.746	AA	AA
04	7	6.9	AA		1.06	AA	
05	7	6.9	AA				
06	7.6	7.1	AA	2.95	0.584	AA	AA
07	7.3	7.1	AA				
08	7.2	7	AA		0.569	AA	
09	7.4	7	2.4				
10	7.3	7	AA	AA	0.485	AA	AA
11	7.7	7.1	3.2				
12	7.4	7.1	2.4				
13	7	6.9	2	AA	0.318	AA	AA
14	6.9	6.9	4.8				
15	6.9	6.9	17.2				
16	6.9	6.9	7.6	1.93	0.257	AA	AA
17	6.9	6.9	4.4				
18	6.9	6.8	4	AA	0.41	AA	AA
19	6.9	6.8	AA				
20	7	6.9	AA		0.347	AA	
21	7	6.9	AA				
22	7	6.8	3.2		0.33	AA	
23	7.1	6.8	2				
24	7	6.8	2	7.55	0.313	AA	AA
25	6.9	6.8	2.4				
26	7	6.8	2.8	AA	0.204	AA	AA
27	7	6.8	2.8				
28	7	6.6	2.8				
29	7	6.8	AA				
30	7	6.9	2.8				
31							
TOTAL	212.7	207.2	68.8	15.4	5.623	0	0
AVG	N/A	N/A	2.2933	1.925	0.4686	0	0
MAX	7.7	7.2	17.2	7.55	1.06	0	0
MIN	6.9	6.6	0	0	0.204	0	0

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 in(2) - Enter frequency of sampling

Reporting Lab :

Analyst :

(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							
02							
03	50.8	4.78	AA	59.3	AA		
04		2.69	AA	4.42	AA		
05							
06	62.8	1.3	AA	3.35	AA		
07							
08		1.35	AA	2.28	AA		
09							
10	88	1.66	AA	2.84	AA		
11							
12							
13	44.8	1.47	AA	3.03	AA		
14							
15							
16	74.8	2.51	AA	7.29	AA		
17							
18	66.1	3.46	AA	6.82	AA		
19							
20		1.73	AA	5.74	AA		
21							
22		2.53	AA	5	AA		
23							
24	64.2	2.87	AA	6.45	AA		
25							
26	79.4	2.37	AA	7.18	AA		
27							
28							
29							
30							
31							
TOTAL	530.9	28.72	0	113.7	0	0	0
AVG	66.3625	2.3933	0	9.475	0		
MAX	88	4.78	0	59.3	0		
MIN	44.8	1.3	0	2.28	0	0	0

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Reporting Code	Result Date	Additional Remarks	Mdl
00530	06/01/2003		2.
00530	06/02/2003		2.
00530	06/03/2003		2.
00530	06/04/2003		2.
00530	06/05/2003		2.
00530	06/06/2003		2.
00530	06/07/2003		2.
00530	06/08/2003		2.
00530	06/10/2003		2.
00530	06/19/2003		2.
00530	06/20/2003		2.
00530	06/21/2003		2.
00530	06/29/2003		2.
00550	06/10/2003		1.53
00550	06/13/2003		1.58
00550	06/18/2003		1.56
00550	06/26/2003		1.4
00719	06/03/2003		.002
00719	06/04/2003		.002
00719	06/06/2003		.002
00719	06/08/2003		.002
00719	06/10/2003		.002
00719	06/13/2003		.002
00719	06/16/2003		.002
00719	06/18/2003		.002
00719	06/20/2003		.002
00719	06/22/2003		.002
00719	06/24/2003		.002
00719	06/26/2003		.002
00979	06/03/2003		1.
00979	06/06/2003		1.
00979	06/10/2003		1.
00979	06/13/2003		1.
00979	06/16/2003		1.
00979	06/18/2003		1.
00979	06/24/2003		1.
00979	06/26/2003		1.
01079	06/03/2003		1.
01079	06/04/2003		000005

Reporting Code	Result Date	Additional Remarks	Mdl
01079	06/06/2003		1.
01079	06/08/2003		1.
01079	06/10/2003		1.
01079	06/13/2003		1.
01079	06/16/2003		1.
01079	06/18/2003		1.
01079	06/20/2003		1.
01079	06/22/2003		1.
01079	06/24/2003		1.
01079	06/26/2003		1.
01113	06/03/2003		1.
01113	06/04/2003		1.
01113	06/06/2003		1.
01113	06/08/2003		1.
01113	06/10/2003		1.
01113	06/13/2003		1.
01113	06/16/2003		1.
01113	06/18/2003		1.
01113	06/20/2003		1.
01113	06/22/2003		1.
01113	06/24/2003		1.
01113	06/26/2003		1.
01114	06/03/2003		1.
01114	06/04/2003		1.
01114	06/06/2003		1.
01114	06/10/2003		1.
01114	06/13/2003		1.
01114	06/16/2003		1.
01114	06/18/2003		1.
01114	06/20/2003		1.
01114	06/22/2003		1.
01114	06/24/2003		1.
01114	06/26/2003		1.
01118	06/03/2003		1.
01118	06/04/2003		1.
01118	06/18/2003		1.
01118	06/20/2003		1.
01118	06/22/2003		1.
01118	06/24/2003		1.
01118	06/26/2003		1.
34675	06/11/2003		.005
39032	06/11/2003		1.05
39120	06/11/2003		.5
39400	06/11/2003		.294
50060	06/03/2003		.05
50060	06/06/2003		.05
50060	06/10/2003		.05

000006

4952

Reporting Code	Result Date	Additional Remarks	Mdl
50060	06/13/2003		.05
50060	06/16/2003		.05
50060	06/18/2003		.05
50060	06/24/2003		.05
50060	06/26/2003		.05
78391	06/11/2003		.3
80082	06/03/2003		2.
80082	06/06/2003		2.
80082	06/10/2003		2.
80082	06/13/2003		2.
80082	06/18/2003		2.
80082	06/24/2003		2.
80082	06/26/2003		2.

000007

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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) : June 2003

Application :
 11000004*FD

07/17/2003

Sampling Station Description :
 Storm Water Retention Basin Overflow

4952

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

Reporting Lab :

Analyst :

(1)	2	2	3	3	3	3	
(2)	4	4	1	1	1	1	
Day	(00530) Total Suspended Solids mg/l	(01119) Copper, Total Recoverable ug/l	(50050) Flow Rate MGD	(00400) pH S.U.	(50060) Chlorine, Total Residual mg/l	(99992) Mercury, Total Recoverable ug/l	
01							
02							
03							
04							
05							
06							
07							
08							
09							
10							
11							
12							
13							
14							
15	115	10.1	0.835	7.96	AA	0.0459	
16							
17							
18							
19							
20							
21							
22							
23							
24							
25							
26							
27							
28							
29							
30							
31							
TOTAL	115	10.1	0.835	7.96	0	0.0459	0
AVG	115	10.1	0.835	N/A	0	0.0459	
MAX	115	10.1	0.835	7.96	0	0.0459	
MIN	115	10.1	0.835	7.96	0	0.0459	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:
 07/17/2003

Signature of Reporter:
 Frank Johnston

Title of Reporter:
 Environmental Compliance

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PROJ
Fluor Fernald
P.O. Box 538704
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Station Code :
002

Reported Date (Month Year) :
June 2003

Application :
1100Q004*FD

07/17/2003

Sampling Station Description :
Storm Water Retention Basin Overflow

- 4952

Reporting Code	Result Date	Additional Remarks	Mdl
50060	06/15/2003		.05

000009

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 :
 003

Reported Date (Month Year) :
 June 2003

Application :
 1IO00004*FD

07/17/2003

Sampling Station Description :
 Storm water runoff to Paddys Run

4952

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	2	2	3	3	3
(2)	1	4	4	4	1	1	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 #/100 ml	(50050) Flow Rate MGD	(50060) Chlorine, Total Residual mg/l
01							
02							
03	8.35	39.2	AA	7.04	8600	5.33	AA
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	8.35	39.2	0	7.04	8600	5.33	0
AVG	N/A	39.2	0	7.04	8600	5.33	0
MAX	8.35	39.2	0	7.04	8600	5.33	0
MIN	8.35	39.2	0	7.04	8600	5.33	0

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Station Code :

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Reported Date (Month Year) :

June 2003

Application :

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07/17/2003

Sampling Station Description :

Storm water runoff to Paddys Run

4952

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						
	(99992) Mercury, Total Recoverable ug/l						
Day							
01							
02							
03	0.00842						
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	0.0084	0	0	0	0	0	0
AVG	0.0084						
MAX	0.00842						
MIN	0.00842	0	0	0	0	0	0

000011

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003

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Application :
1IO00004*FD

07/17/2003

Sampling Station Description :
Storm water runoff to Paddys Run

- 4952

Reporting Code	Result Date	Additional Remarks	Mdl
01079	06/03/2003		1.
50060	06/03/2003		.05

000012

MONTHLY REPORT FORM

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Station Code :

004

Reported Date (Month Year) :

June 2003

Application :

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07/17/2003

Sampling Station Description :

Storm water runoff to Paddys Run

4952

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	2	3	3
(2)	1	4	4	4	4	1	1
Day	(00400) pH S.U.	(00530) Total Suspended Solids mg/l	(01079) Silver, Total Recoverable ug/l	(01114) Lead, Total Recoverable ug/l	(01119) Copper, Total Recoverable ug/l	(31616) Fecal Coliform #/100 ml	(50050) Flow Rate MGD
01							
02							
03	8.05	10	AA	AA	2.48	51000	0.183
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	8.05	10	0	0	2.48	51000	0.183
AVG	N/A	10	0	0	2.48	51000	0.183
MAX	8.05	10	0	0	2.48	51000	0.183
MIN	8.05	10	0	0	2.48	51000	0.183

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004

Reported Date (Month Year) :
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Application :
11000004*FD

07/17/200

Sampling Station Description :
Storm water runoff to Paddys Run

4952

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						
	(71901) Mercury, Total Recoverable ug/l						
Day							
01							
02							
03	0.00384						
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	0.0038	0	0	0	0	0	0
AVG	0.0038						
MAX	0.00384						
MIN	0.00384	0	0	0	0	0	0

000014

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June 2003

Application :
11000004*FD

07/17/2003

Sampling Station Description :
Storm water runoff to Paddys Run

4952

Reporting Code	Result Date	Additional Remarks	Mdl
01079	06/03/2003		1.
01114	06/03/2003		1.

000015

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 :
 005

Reported Date (Month Year) :
 June 2003

Application :
 11000004*FD

07/17/2003

Sampling Station Description :
 Storm water runoff to Paddys Run

4952

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	2	3	3	3
(2)	4	1	4	4	1	1	1
Day	(00530) Total Suspended Solids mg/l	(00400) pH S.U.	(01079) Silver, Total Recoverable ug/l	(01114) Lead, Total Recoverable ug/l	(31616) Fecal Coliform #/100 ml	(50050) Flow Rate MGD	(50060) Chlorine, Total Residual mg/l
01							
02							
03	48.8	8.02	AA	1.2	28000	0.786	AA
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	48.8	8.02	0	1.2	28000	0.786	0
AVG	48.8	N/A	0	1.2	28000	0.786	0
MAX	48.8	8.02	0	1.2	28000	0.786	0
MIN	48.8	8.02	0	1.2	28000	0.786	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:
 07/17/2003

Signature of Reporter:
 Frank Johnston

Title of Reporter:
 Environmental Compliance

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 :

005

Reported Date (Month Year) :

June 2003

Application :

1IO00004*FD

07/17/2003

Sampling Station Description :

Storm water runoff to Paddys Run

4952

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						
	(71901) Mercury, Total Recoverable ug/l						
Day							
01							
02							
03	0.00574						
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	0.0057	0	0	0	0	0	0
AVG	0.0057						
MAX	0.00574						
MIN	0.00574	0	0	0	0	0	0

000017

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 :

005

Reported Date (Month Year) :

June 2003

Application :

11000004*FD

07/17/2003

Sampling Station Description :

Storm water runoff to Paddys Run

4952

Reporting Code	Result Date	Additional Remarks	Mdl
01079	06/03/2003		1.
50060	06/03/2003		.05

000018

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 :

006

Reported Date (Month Year) :

June 2003

Application :

1IO00004*FD

07/17/2003

Sampling Station Description :

Storm water runoff to Paddys Run

4952

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	3	2	2	3	3
(2)	4	4	1	4	4	1	1
Day	(01114) Lead, Total Recoverable ug/l	(01119) Copper, Total Recoverable ug/l	(00400) pH S.U.	(00530) Total Suspended Solids mg/l	(01079) Silver, Total Recoverable ug/l	(31616) Fecal Coliform #/100 ml	(50060) Chlorine, Total Residual mg/l
01							
02							
03	1.02	3.84	7.96	38	AA	940	AA
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	1.02	3.84	7.96	38	0	940	0
AVG	1.02	3.84	N/A	38	0	940	0
MAX	1.02	3.84	7.96	38	0	940	0
MIN	1.02	3.84	7.96	38	0	940	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:

07/17/2003

Signature of Reporter:

Frank Johnston

Title of Reporter:

Environmental Compliance

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 : 006
Reported Date (Month Year) : June 2003

Application :
11000004*FD

07/17/2003

Sampling Station Description :
Storm water runoff to Paddys Run

4952

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	(50050) Flow Rate MGD	(71901) Mercury, Total Recoverable ug/l					
01							
02							
03	2.18	0.00426					
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	2.18	0.0043	0	0	0	0	0
AVG	2.18	0.0043					
MAX	2.18	0.00426					
MIN	2.18	0.00426	0	0	0	0	0

000020

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 :
006

Reported Date (Month Year) :
June 2003

Application :
1I000004*FD

07/17/2003

Sampling Station Description :
Storm water runoff to Paddys Run

4952

Reporting Code	Result Date	Additional Remarks	Mdl
01079	06/03/2003		1.
50060	06/03/2003		.05

000021

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) :
 June 2003

Application :
 11000004*FD

07/17/2003

Sampling Station Description :
 Sewage Treatment Plant Effluent (Internal to 001)

4952

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

Reporting Lab :

Analyst :

(1)	3	1	3	2	2	2	
(2)	1	999	1	998	998	998	
Day	(31616) Fecal Coliform #/100 ml	(50050) Flow Rate MGD	(00400) pH S.U.	(00530) Total Suspended Solids mg/l	(00610) Nitrogen, Ammonia (NH3) mg/l	(80082) CBOD 5 day mg/l	
01		0.0124	7.26				
02		0.0335	7.18				
03		0.037	7.21	13.6		3.9	
04		0.0427	7.18				
05	1267	0.0412	7.24	28		10.2	
06		0.0293	7.36				
07		0.0186	7.41				
08		0.0198	7.38				
09		0.0356	7.4				
10		0.043	7.49	24	25.2	7.6	
11	31875	0.0444	7.48	16		8.3	
12		0.0392	7.61				
13		0.0326	7.46				
14		0.0372	7.4				
15		0.0777	7.39				
16	23	0.075	7.35	10		16.2	
17		0.0727	7.32				
18		0.0619	7.27	23.2		5.7	
19		0.0541	7.33				
20		0.0468	7.28				
21		0.039	7.24				
22		0.0378	7.04				
23		0.0327	7.03				
24		0.0385	6.8	18	0.503	10	
25		0.0384	6.57				
26	45	0.043	6.42	32.4		6.1	
27		0.0388	5.1				
28		0.0272	6.7				
29		0.0193	6.27				
30		0.0358	6.36				
31							
TOTAL	33210	1.2052	212.53	165.2	25.703	68	0
AVG	452.1596	0.0402	N/A	20.65	12.8515	8.5	
MAX	31875	0.0777	7.61	32.4	25.2	16.2	
MIN	23	0.0124	5.1	10	0.503	3.9	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:
 07/17/2003

Signature of Reporter:
 Frank Johnston

Title of Reporter:
 Environmental Compliance

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) :
June 2003

Application :
11000004*FD

07/17/2003

Sampling Station Description :

Sewage Treatment Plant Effluent (Internal to 001)

4952

000023

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 :

801

Reported Date (Month Year) :

June 2003

Application :

1IO00004*FD

07/17/2003

Sampling Station Description :

Upstream monitoring

4952

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

Reporting Lab :

Analyst :

(1)	3	3	3	3	3	3	3
(2)	1	1	1	1	1	1	1
Day	(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	(01055) Manganese, Total (Mn) ug/l
01							
02							
03							
04							
05							
06							
07							
08							
09	19.1	8.31	7.82	AA	310	AA	70.8
10							
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							
21							
22							
23							
24							
25							
26							
27							
28							
29							
30							
31							
TOTAL	19.1	8.31	7.82	0	310	0	70.8
AVG	19.1	8.31	N/A	0	310	0	70.8
MAX	19.1	8.31	7.82	0	310	0	70.8
MIN	19.1	8.31	7.82	0	310	0	70.8

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:
07/17/2003

Signature of Reporter:
Frank Johnston

Title of Reporter:
Environmental Compliance

000024

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 : 801
 Reported Date (Month Year) : June 2003

Application :
 11000004*FD

07/17/2003

Sampling Station Description :
 Upstream monitoring

- 4952

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	3.51	AA	11.6	AA	2.23	2.26	5.14
10							
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							
21							
22							
23							
24							
25							
26							
27							
28							
29							
30							
31							
TOTAL	3.51	0	11.6	0	2.23	2.26	5.14
AVG	3.51	0	11.6	0	2.23	2.26	5.14
MAX	3.51	0	11.6	0	2.23	2.26	5.14
MIN	3.51	0	11.6	0	2.23	2.26	5.14

000025

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 :

801

Reported Date (Month Year) :

June 2003

Application :

11000004*FD

07/17/2003

Sampling Station Description :

Upstream monitoring

4952

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						
	(99992) Mercury, Total Recoverable ug/l						
Day							
01							
02							
03							
04							
05							
06							
07							
08							
09	0.00774						
10							
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							
21							
22							
23							
24							
25							
26							
27							
28							
29							
30							
31							
TOTAL	0.0077	0	0	0	0	0	0
AVG	0.0077						
MAX	0.00774						
MIN	0.00774	0	0	0	0	0	0

MONTHLY REPORT FORM

4500

4952

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

Fluor Fernald
P.O. Box 538704
Cincinnati OH 4525387

Station Code :
801

Reported Date (Month Year) :
June 2003

Application :
11000004*FD

07/17/2003

Sampling Station Description :
Upstream monitoring

Reporting Code	Result Date	Additional Remarks	Mdl
00610	06/09/2003		.017
00979	06/09/2003		1.
01079	06/09/2003		1.
01113	06/09/2003		1.

000027

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 :

902

Reported Date (Month Year) :

June 2003

Application :

1IO00004*FD

07/17/2003

Sampling Station Description :

Downstream monitoring

4952

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	(01118) Chromium, Total Recoverable ug/l	(01119) Copper, Total Recoverable ug/l	(99992) Mercury, Total Recoverable ug/l	(00900) Hardness, Total (CaCO3) mg/l	(00010) Water Temperature C	(00300) Dissolved Oxygen mg/l	(00400) pH S.U.
01							
02							
03							
04							
05							
06							
07							
08							
09	2.3	5.14	0.00756	313	19.5	6.94	8.01
10							
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							
21							
22							
23							
24							
25							
26							
27							
28							
29							
30							
31							
TOTAL	2.3	5.14	0.0076	313	19.5	6.94	8.01
AVG	2.3	5.14	0.0076	313	19.5	6.94	N/A
MAX	2.3	5.14	0.00756	313	19.5	6.94	8.01
MIN	2.3	5.14	0.00756	313	19.5	6.94	8.01

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:

07/17/2003

Signature of Reporter:

Frank Johnston

Title of Reporter:

Environmental Compliance

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 : 902
 Reported Date (Month Year) : June 2003
 Application : 1IO00004*FD
 Sampling Station Description :
 Downstream monitoring

07/17/2003

4952

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	(00610) Nitrogen, Ammonia (NH3) mg/l	(00979) Cobalt, Total Recoverable ug/l	(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							
02							
03							
04							
05							
06							
07							
08							
09	AA	AA	71	3.88	AA	16.1	AA
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	71	3.88	0	16.1	0
AVG	0	0	71	3.88	0	16.1	0
MAX	0	0	71	3.88	0	16.1	0
MIN	0	0	71	3.88	0	16.1	0

000029

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 :

902

Reported Date (Month Year) :

June 2003

Application :

11O00004*FD

07/17/2003

Sampling Station Description :

Downstream monitoring

4952

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						
	(01114) Lead, Total Recoverable ug/l						
Day							
01							
02							
03							
04							
05							
06							
07							
08							
09	2.21						
10							
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							
21							
22							
23							
24							
25							
26							
27							
28							
29							
30							
31							
TOTAL	2.21	0	0	0	0	0	0
AVG	2.21						
MAX	2.21						
MIN	2.21	0	0	0	0	0	0

000030

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 :
902

Reported Date (Month Year) :
June 2003

Application :
11000004*FD

07/17/2003

Sampling Station Description :
Downstream monitoring

4952

Reporting Code	Result Date	Additional Remarks	Mdl
00610	06/09/2003		.017
00979	06/09/2003		1.
01079	06/09/2003		1.
01113	06/09/2003		1.

000031