

Name, Address City, County, ZIP :
 USDOE FERNALD ENVIRONMENTAL MGMT
 PROJ
 Fluor Fernald
 P.O. Box 538704
 Cincinnati OH4525387C

Station Code : 001
 Reported Date (Month Year) : September 2003

Application : 10/9/200
 IIO00004*GD

Sampling Station Description :
 Final Outfall

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	2 998 (01114) Lead, Total Recoverable ug/l	2 998 (01118) Chromium, Total Recoverable ug/l	2 998 (01119) Copper, Total Recoverable ug/l	2 998 (01268) Antimony, Total Recoverable ug/l	1 999 (50050) Flow Rate MGD	3 1 (50060) Chlorine, Total Residual mg/l	2 998 (80082) CBOD 5 day mg/l
01					7.744		
02	AA	2.54	2.06		8.816	AA	AA
03	AA	3.35	2.28		11.243		
04					9.831		
05	AA	2.08	1.91		8.647	AA	AA
06					7.818		
07					7.881		
08	AA	1.93	AA		4.265		
09	AA	1.9	1.73		8.079	AA	AA
10				AA	7.967		
11					7.765		
12	AA	1.72	1.72		7.633	AA	AA
13					7.44		
14					7.233		
15	AA	2.49	4.73		7.431	AA	AA
16					7.928		
17	AA	2.49	4.58		7.559	AA	AA
18					7.352		
19	1	2.6	4.75		9.558		
20					10.138		
21					8.321		
22					8.772		
23	AA	2.16	4.84		8.35	AA	AA
24					8.789		
25	1.15	2.58	5.88		7.576	AA	AA
26					7.778		
27					7.097		
28	AA	2.74	5.48		7.315		
29					7.311		
30					7.896		
31							
TOTAL	2.15	28.58	39.96	0	241.533	0	0
AVG	0.1792	2.3817	3.33	0	8.0511	0	0
MAX	1.15	3.35	5.88	0	11.243	0	0
MIN	0	1.72	0	0	4.265	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: 10/09/2003	Signature of Reporter: Frank Johnston	Title of Reporter: Environmental Compliance
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Station Code : 001
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Application : 11000004*GD
 10/9/200

Sampling Station Description :
 Final Outfall

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	2	2	3	3	1
	(2)	998	998	998	1	1	999
	(50092) Mercury, Total (Low Level) ng/l	(00998) Beryllium, Total Recoverable ug/l	(00981) Selenium, Total Recoverable ug/l	(01062) Molybdenum (Mo) ug/l	(00010) Water Temperature C	(00300) Dissolved Oxygen mg/l	(61941) pH, Maximum S.U.
01					12.1		7.1
02			AA	6.82	13.7	8.74	7
03			AA	8.05	13.7		7.1
04				4.50	12.5		7
05			AA	9.27	12.7	7.55	7.2
06					12.8		7.2
07					12.8		7.2
08			AA	4.69	11.4		7.3
09			AA	9.83	12.7	7.48	7.3
10	0.912	AA			13.3		7.2
11					13.3		7.2
12			1.12	10.1	13.5	6.18	7.2
13					13.3		7.2
14					13.3		7.2
15			AA	14	13.2	6.68	7.2
16					12.9		7.2
17			AA	13.3	12.6	7.07	7.3
18					12.9		7.2
19			AA	12.4	12.1	6.18	7.2
20					12.2		7.2
21					12.1		7.3
22					12.2		7.2
23			AA	14.6	11.6	7.19	7.3
24					12.1		7.3
25			AA	15.3	12	6.95	7.2
26					11.9		7.3
27					11.7		7.3
28			AA	15.1	12.1		7.2
29					11.7		7.2
30					11.4		7.3
31							
TOTAL	0.912	0	1.12	133.46	375.8	64.02	216.3
AVG	0.912	0	0.0933	11.1217	12.5267	7.1133	N/A
MAX	0.912	0	1.12	15.3	13.7	8.74	7.3
MIN	0.912	0	0	4.69	11.4	6.18	7

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 Sampling Station Description :
 Final Outfall

Application : 10/9/200
 11000004*GD

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

(1) (2) Day	1	2	3	2	3	2	2
	999 (61942) pH, Minimum S.U.	998 (00530) Total Suspended Solids mg/l	1 (00556) Oil and Grease, Freon Extr-Grav Meth	998 (00610) Nitrogen, Ammonia (NH3) mg/l	1 (00719) Cyanide, Free mg/l	998 (00979) Cobalt, Total Recoverable ug/l	998 (01055) Manganese, Total (Mn) ug/l
01	7	2.4					
02	7	10	1.82	AA		AA	125
03	7.1	17.6		0.129			
04	7	9.2					
05	6.5	4.4	AA	0.153		AA	575
06	7.1	5.2					
07	7.2	4.4					
08	7.1	4.4		AA			
09	7.2	2	AA	0.227		AA	179
10	7.1	4			AA		
11	7.2	3.2					
12	7.1	AA	1.59	0.302		AA	54
13	7.1	AA					
14	7.1	AA					
15	7.1	2.8	2.27	0.388		AA	75.6
16	7.1	AA					
17	7.1	AA	5.17	0.476		AA	125
18	7.1	AA					
19	7.1	AA		0.41			
20	7.1	AA					
21	7.2	2					
22	7.1	2.8					
23	7.2	AA	AA	0.47		AA	263
24	7.2	3.6					
25	7.1	2.4	5.52	0.322		AA	119
26	7.1	2					
27	7.2	2					
28	7.1	AA		0.319			
29	7.1	AA					
30	6.8	4.8					
31							
TOTAL	212.5	89.2	16.37	3.196	0	0	1515.6
AVG	N/A	2.9733	2.0462	0.2663	0	0	189.45
MAX	7.2	17.6	5.52	0.476	0	0	575
MIN	6.5	0	0	0	0	0	54

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 Sampling Station Description :
 Final Outfall

Application : 10/9/2003
 11000004*GD

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

(1)	2	2	2	2	2	2	2
(2)	998	998	998	998	998	998	998
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	(01022) Boron, Total (0) ug/l	(01009) Barium, Total Recoverable ug/l	(00978) Arsenic, Total Recoverable ug/l
01							
02	1.41	AA	4.01	AA		50	
03	1.33	AA	9.74	AA		57.4	
04							
05	1.42	AA	16	AA		54.1	
06							
07							
08	AA	AA	4.49	AA		50.2	
09	1.29	AA	3.92	AA		48.3	
10					57.3		AA
11							
12	AA	AA	AA	AA		47.7	
13							
14							
15	AA	AA	3.83	AA		51.2	
16							
17	AA	AA	4.53	AA		52.9	
18							
19	AA	AA	13.1	AA		53	
20							
21							
22							
23	1.15	AA	5.73	AA		53.6	
24							
25	1.1	AA	11.6	AA		57.6	
26							
27							
28	1.15	AA	6.59	AA		54.7	
29							
30							
31							
TOTAL	8.85	0	83.54	0	57.3	630.7	0
AVG	0.7375	0	6.9617	0	57.3	52.5583	0
MAX	1.42	0	16	0	57.3	57.6	0
MIN	0	0	0	0	57.3	47.7	0

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in(2) - Enter frequency of sampling		

	(1) 2	2	3				
Day	998 (00951) Fluoride, Total (F) mg/l	998 (00630) Nitrite Plus Nitrate, Total mg/l	1 (70301) Solids, Dissolved-Sum of mg/l				
01							
02							
03							
04							
05							
06							
07							
08							
09							
10	0.37	6.44					
11							
12							
13							
14							
15							
16							
17			476				
18							
19							
20							
21							
22							
23							
24							
25							
26							
27							
28							
29							
30							
31							
TOTAL	0.37	6.44	476	0	0	0	0
AVG	0.37	6.44	476				
MAX	0.37	6.44	476				
MIN	0.37	6.44	476	0	0	0	0

MONTHLY REPORT FORM

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Station Code : 001
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 Sampling Station Description :
 Final Outfall

Application : 11000004*GD
 10/9/2003

Reporting Code	Result Date	Additional Remarks	Mdl
00530	09/12/2003		2.
00530	09/13/2003		2.
00530	09/14/2003		2.
00530	09/16/2003		2.
00530	09/17/2003		2.
00530	09/18/2003		2.
00530	09/19/2003		2.
00530	09/20/2003		2.
00530	09/23/2003		2.
00530	09/28/2003		2.
00530	09/29/2003		2.
00556	09/05/2003		1.46
00556	09/09/2003		1.48
00556	09/23/2003		1.53
00610	09/02/2003		.1
00610	09/08/2003		.1
00719	09/10/2003		.002
00978	09/10/2003		1.
00979	09/02/2003		1.
00979	09/05/2003		1.
00979	09/09/2003		1.
00979	09/12/2003		1.
00979	09/15/2003		1.
00979	09/17/2003		1.
00979	09/23/2003		1.
00979	09/25/2003		1.
00981	09/02/2003		1.
00981	09/03/2003		1.
00981	09/05/2003		1.
00981	09/08/2003		1.
00981	09/09/2003		1.
00981	09/15/2003		1.
00981	09/17/2003		5.
00981	09/19/2003		5.
00981	09/23/2003		5.
00981	09/25/2003		5.
00981	09/28/2003		5.
00998	09/10/2003		1.
01074	09/08/2003		1.

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Reporting Code	Result Date	Additional Remarks	Mdl
01074	09/12/2003		1.
01074	09/15/2003		1.
01074	09/17/2003		1.
01074	09/19/2003		1.
01079	09/02/2003		1.
01079	09/03/2003		1.
01079	09/05/2003		1.
01079	09/08/2003		1.
01079	09/09/2003		1.
01079	09/12/2003		1.
01079	09/15/2003		1.
01079	09/17/2003		1.
01079	09/19/2003		1.
01079	09/23/2003		1.
01079	09/25/2003		1.
01079	09/28/2003		1.
01094	09/12/2003		1.
01113	09/02/2003		1.
01113	09/03/2003		1.
01113	09/05/2003		1.
01113	09/08/2003		1.
01113	09/09/2003		1.
01113	09/12/2003		1.
01113	09/15/2003		1.
01113	09/17/2003		1.
01113	09/19/2003		1.
01113	09/23/2003		1.
01113	09/25/2003		1.
01113	09/28/2003		1.
01114	09/02/2003		1.
01114	09/03/2003		1.
01114	09/05/2003		1.
01114	09/08/2003		1.
01114	09/09/2003		1.
01114	09/12/2003		1.
01114	09/15/2003		1.
01114	09/17/2003		1.
01114	09/23/2003		1.
01114	09/28/2003		1.
01119	09/08/2003		1.
01268	09/10/2003		1.
50060	09/02/2003		.05
50060	09/05/2003		.05
50060	09/09/2003		.05
50060	09/12/2003		.05
50060	09/15/2003		.05
50060	09/17/2003		.05

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Reporting Code	Result Date	Additional Remarks	Mdl
50060	09/23/2003		.05
50060	09/25/2003		.05
80082	09/02/2003		2.
80082	09/05/2003		2.
80082	09/09/2003		2.
80082	09/12/2003		2.
80082	09/15/2003		2.
80082	09/17/2003		2.
80082	09/23/2003		2.
80082	09/25/2003		2.

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 P.O. Box 538704
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Station Code : 002
 Reported Date (Month Year) : September 2003

Application : 11000004*GD
 10/9/2003

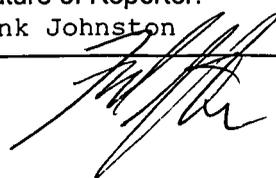
Sampling Station Description :
 Storm Water Retention Basin Overflow

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	2	3	3	3	3	3
	(2)	4	4	1	1	1	1	1
		(00530) Total Suspended Solids mg/l	(01042) Copper, Total (Cu ug/l	(50050) Flow Rate MGD	(61941) pH, Maximum S.U.	(50060) Chlorine, Total Residual mg/l	(50092) Mercury, Total (Low Level) ng/l	(61942) pH, Minimum S.U.
01		AL						
02								
03								
04					4500			
05					Rep			
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			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: 10/09/2003	Signature of Reporter: Frank Johnston	Title of Reporter: Environmental Compliance
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USDOE FERNALD ENVIRONMENTAL MGMT
PROJ
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P.O. Box 538704
Cincinnati OH 4525387C

Station Code :
002

Reported Date (Month Year) :
September 2003

Application :
11000004*GD

10/9/2003

Sampling Station Description :
Storm Water Retention Basin Overflow

Name, Address City, County, ZIP :
 USDOE FERNALD ENVIRONMENTAL MGMT
 PROJ
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 P.O. Box 538704
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Station Code : 601
 Reported Date (Month Year) : September 2003
 Sampling Station Description :
 Sewage Treatment Plant Effluent (Internal to 001)

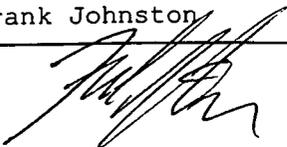
Application : 10/9/200
 11000004*GD

in(1) - Enter 1 for Continuous, 2 for Composite, 3 for Grab Sample Reporting Lab :
 in(2) - Enter frequency of sampling 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		0.0472	5.16				
02		0.0895	6.34	28	1.45	3.3	
03		0.1013	6.63				
04	AA	0.048	6.8	10.8		2.2	
05		0.053	6.87				
06		0.066	6.58				
07		0.027	6.76				
08		0.006	6.56				
09	AA	0.0367	6.51	2		AA	
10		0.0393	6.54				
11		0.0406	6.7				
12		0.0373	6.03	6		AA	
13		0.0314	5.7				
14		0.0217	5.69				
15		0.0324	5.91	9.6	0.262	2.1	
16		0.0302	6.25				
17	AA	0.0361	5.4	10.4		AA	
18		0.0302	6.07				
19		0.0269	5.18				
20		0.018	5.14				
21		0.0166	5.51				
22		0.0077	5.44				
23		0.0382	5.66	12		AA	
24		0.0402	5.96				
25	AA	0.0552	5.58	21.2		AA	
26		0.0301	5.86				
27		0.0449	6.43				
28		0.0401	6.77				
29		0.0493	7.11				
30		0.0382	6.81				
31							
TOTAL	0	1.1793	183.95	100	1.712	7.6	0
AVG	1	0.0393	N/A	12.5	0.856	0.95	
MAX	0	0.1013	7.11	28	1.45	3.3	
MIN	0	0.006	5.14	2	0.262	0	0

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Station Code : 601
 Reported Date (Month Year) :
 September 2003

Application : 11000004*GD
 10/9/2003

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

Reporting Code	Result Date	Additional Remarks	Mdl
31616	09/04/2003		20.
31616	09/09/2003		20.
31616	09/17/2003		20.
31616	09/25/2003		20.
80082	09/09/2003		2.
80082	09/12/2003		2.
80082	09/17/2003		2.
80082	09/23/2003		2.
80082	09/25/2003		2.