ONTHLY REPORT FORM 4500 4423

08/14/2002

ame, Address City, County, ZIP :
ernald Environmental Management Project
EMP)
00 Willey Rd.
amilton OH4501394(

Station Code : 001

Reported Date (Month Year) : July 2002

Application : 1IO00004*FD

Sampling Station Description :
Final Effluent

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

Reporting Lab :

Analyst :

(1)	2	2	2	2	2	2	2
(2)	998	998	998	998	998	998	998
Day	(80082) CBOD 5 day mg/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	(01055) Manganese, Total (Mn) ug/l
01	AA	AA	1.17	2.24	1.43	2.88	68.8
02							
03		AA	AA	1.33	AA	2.46	81.8
04							
05		AA	AA	2.1	2.05	1.64	137
06	AA						
07							
08		AA	AA	1.06	AA	1.86	143
09	AA	AA	AA	1.04	AA	2.02	97.7
10							
11							
12	AA	AA	AA	2.41	AA	1.91	78.1
13							
14							
15	AA	AA	AA	1.36	AA	3.31	71.4
16							
17	AA	AA	1.49	3.38	1.9	3.38	60.8
18							
19		AA	AA	2.53	AA	1.87	
20							
21							
22							
23	AA	AA	AA	1.44	AA	2.05	66
24							
25	AA	AA	AA	2.55	AA	2.02	64.4
26							
27							
28		AA	AA	AA	AA	2.08	
29							
30							
31							
OTAL	0	0	2.66	21.44	5.38	27.48	869
AVG	0	0	0.2217	1.7867	0.4483	2.29	86.9
MAX	0	0	1.49	3.38	2.05	3.38	143
MIN	0	0	0	0	0	1.64	60.8

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

Date Report Completed: 08/14/2002

Signature of Reporter:

Title of Reporter:

orm No EPA 4500 (8-91)
Generated by SWIMS)
ormerly EPA SURI

ONTHLY REPORT FORM 4500 **4423**

08/14/2002

ame, Address City, County, ZIP :
rnald Environmental Management Project
EMP)
00 Willey Rd.
amilton OH 4501394(

Station Code : 001

Reported Date (Month Year) : July 2002

Application : 1IO00004*FD

Sampling Station Description :
Final Effluent

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

Reporting Lab :

Analyst :

(1)	2	2	3	2	3	2	1
(2)	998	998	1	998	1	998	999
Day	(01074) Nickel, Total Recoverable ug/l	(01079) Silver, Total Recoverable ug/l	(00719) Cyanide, Free mg/l	(00530) Total Suspended Solids mg/l	(00550) Oil and Grease, Total mg/l	(00610) Nitrogen, Ammonia (NH3) mg/l	(00402) pH, Minimum S.U.
01	1.68	1.1	AA	AA	AA	AA	7
02				AA			7
03	1.25	AA	AA	AA		AA	7
04				AA			7
05	1.02	AA	AA	AA	AA	AA	7
06				AA			7
07				2			7
08	1.07	AA	AA	2.8		AA	7
09	1.21	AA	AA	3.2	AA	0.79	7.6
10				AA			6.8
11				2			6.9
12	1.08	AA	AA	AA	AA	0.17	7.2
13				AA			7.2
14				AA			7.2
15	1.26	AA	AA	AA	AA	AA	7.2
16				2			7.2
17	2.7	1.82	AA	AA	AA	AA	7.2
18				AA			7.1
19	1.17	AA	AA	AA		AA	7.2
20				2			7.3
21				AA			7.3
22				AA			7.2
23	1.35	AA	AA	AA	AA	AA	7.3
24				AA			7.2
25	AA	AA	AA	AA	AA	AA	7.2
26				AA			7.2
27				AA			7.2
28	1.12	AA	AA	AA		AA	7.2
29				AA			7.2
30				AA			7.2
31				AA			7.2
OTAL	14.91	2.92	0	14	0	0.96	221.5
VG	1.2425	0.2433	0	0.4516	0	0.08	N/A
AX	2.7	1.82	0	3.2	0	0.79	7.6
IN	0	0	0	0	0	0	6.8

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ONTHLY REPORT FORM 4500 4423

08/14/2002

ame, Address City, County, ZIP :
rnald Environmental Management Project
EMP)
00 Willey Rd.
amilton OH 4501394(

Station Code : 001

Reported Date (Month Year) : July 2002

Application : 1IO00004*FD

Sampling Station Description :
Final Effluent

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

Reporting Lab :

Analyst :

(1)	3	3	1	3	1	3	3
(2)	1	1	999	1	999	1	1
Day	(00010) Water Temperature C	(00300) Dissolved Oxygen mg/l	(00401) pH, Maximum S.U.	(78391) Trichloroethene ug/l	(50050) Flow Rate MGD	(50060) Chlorine, Total Residual mg/l	(39400) Toxaphene, Total ug/l
01	11.3	8.05	7.1		6.859	AA	
02	10.9		7		6.852	AA	
03	10.7		7		6.738		
04	10.3		7		5.935		
05	10.3	8.72	7		5.862		
06	10.3		7		5.818		
07	10.3		7		5.974	AA	
08	10.9		7		5.686		
09	12.6	7.99	7.7		6.436	AA	
10	12		6.8	AA	7.554		AA
11	11.4		8.2		7.404	AA	
12	11.6	8.53	7.2		7.412	AA	
13	11.5		7.3		6.614		
14	11.6		7.4		6.521		
15	11.6	7.59	7.2		6.758	AA	
16	11.8		7.3		6.861	AA	
17	11.7	8.77	7.2		6.892	AA	
18	11.3		7.2		6.965		
19	11.4		7.3		6.814		
20	11.3		7.4		6.648		
21	11.5		7.4		6.85		
22	12.3		7.3		7.088	AA	
23	12	7.45	7.4		7.384	AA	
24	11.6		7.3		6.875		
25	11.8	6.69	7.3		7.277	AA	
26	11.6		7.2		6.801		
27	11.3		7.2		6.787		
28	11.1		7.2		6.722		
29	11.7		7.8		6.815		
30	12		7.8		6.891		
31	11.6		7.2		7.179		
OTAL	353.3	63.79	225.4	0	209.272	0	0
AVG	11.3968	7.9738	N/A	0	6.7507	0	0
MAX	12.6	8.77	8.2	0	7.554	0	0
MIN	10.3	6.69	6.8	0	5.686	0	0

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orm No EPA 4500 (8-91)
Generated by SWIMS)
ormerly EPA SURI

MONTHLY REPORT FORM 4500

08/14/2002

Name, Address City, County, ZIP :
Fernald Environmental Management Project (FEMP)
7400 Willey Rd.
Hamilton OH 4501394(

Station Code : 001

Reported Date (Month Year) : July 2002

Application : 1IO00004*FD

Sampling Station Description :
Final Effluent

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	2			
(2)	1	1	1	998			
Day	(39032) Pentachlorophenol ug/l	(39120) Benzidine, Total ug/l	(99992) Mercury, Total Recoverable ug/l	(00979) Cobalt, Total Recoverable ug/l			
01				1.27			
02							
03				AA			
04							
05				AA			
06							
07							
08				AA			
09				AA			
10	AA	AA	0.011				
11							
12				AA			
13							
14							
15				AA			
16							
17				1.6			
18							
19							
20							
21							
22							
23				AA			
24							
25				AA			
26							
27							
28							
29							
30							
31							
TOTAL	0	0	0.011	2.87	0	0	0
AVG	0	0	0.011	0.287			
MAX	0	0	0.011	1.6			
MIN	0	0	0.011	0	0	0	0

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ONTHLY REPORT FORM 4500 **4423**

ame, Address City, County, ZIP :
nald Environmental Management Project
EMP)
00 Willey Rd.
milton OH 4501394(

Station Code : 001
Reported Date (Month Year) : July 2002
Application : 1IO00004*FD
08/14/2002

Sampling Station Description :
Final Effluent

porting Code	Result Date	Additional Remarks	Mdl
00530	07/01/2002		2.0
00530	07/02/2002		2.
00530	07/03/2002		2.
00530	07/04/2002		2.
00530	07/05/2002		2.
00530	07/06/2002		2.
00530	07/10/2002		2.
00530	07/12/2002		2.
00530	07/13/2002		2.
00530	07/14/2002		2.
00530	07/15/2002		2.
00530	07/17/2002		2.
00530	07/18/2002		2.
00530	07/19/2002		2.
00530	07/21/2002		2.
00530	07/22/2002		2.
00530	07/23/2002		2.
00530	07/24/2002		2.
00530	07/25/2002		2.
00530	07/26/2002		2.
00530	07/27/2002		2.
00530	07/28/2002		2.
00530	07/29/2002		2.
00530	07/30/2002		2.
00530	07/31/2002		2.
00550	07/01/2002		5.9
00550	07/05/2002		5.1
00550	07/09/2002		5.1
00550	07/12/2002		5.3
00550	07/15/2002		5.1
00550	07/17/2002		5.1
00550	07/23/2002		5.1
00550	07/25/2002		5.1
00610	07/01/2002		.1
00610	07/03/2002		.1
00610	07/05/2002		.1
00610	07/08/2002		.1
00610	07/15/2002		.10
00610	07/17/2002		.1

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eporting Code	Result Date	Additional Remarks	Mdl
00610	07/19/2002		.1
00610	07/23/2002		.1
00610	07/25/2002		.1
00610	07/28/2002		.1
00719	07/01/2002		.005
00719	07/03/2002		.005
00719	07/05/2002		.005
00719	07/08/2002		.005
00719	07/09/2002		.005
00719	07/12/2002		.005
00719	07/15/2002		.005
00719	07/17/2002		.005
00719	07/19/2002		.005
00719	07/23/2002		.005
00719	07/25/2002		.005
00719	07/28/2002		.005
00979	07/03/2002		1.0
00979	07/05/2002		1.
00979	07/08/2002		1.
00979	07/09/2002		1.
00979	07/12/2002		1.
00979	07/15/2002		1.
00979	07/23/2002		1.
00979	07/25/2002		1.
01074	07/25/2002		1.0
01079	07/03/2002		1.0
01079	07/05/2002		1.
01079	07/08/2002		1.
01079	07/09/2002		1.0
01079	07/12/2002		1.
01079	07/15/2002		1.
01079	07/19/2002		1.
01079	07/23/2002		1.
01079	07/25/2002		1.
01079	07/28/2002		1.
01094	07/01/2002		5.0
01094	07/03/2002		5.
01094	07/05/2002		5.
01094	07/08/2002		5.
01094	07/09/2002		5.
01094	07/12/2002		5.
01094	07/15/2002		5.
01094	07/17/2002		1.
01094	07/19/2002		1.
01094	07/23/2002		1.
01094	07/25/2002		1.
01094	07/28/2002		1.

porting Code	Result Date	Additional Remarks	Mdl
01113	07/03/2002		1.0
01113	07/05/2002		1.
01113	07/08/2002		1.
01113	07/09/2002		1.
01113	07/12/2002		1.
01113	07/15/2002		1.
01113	07/19/2002		1.
01113	07/23/2002		1.
01113	07/25/2002		1.
01113	07/28/2002		1.
01114	07/28/2002		1.0
01118	07/03/2002		1.0
01118	07/08/2002		1.
01118	07/09/2002		1.0
01118	07/12/2002		1.
01118	07/15/2002		1.
01118	07/19/2002		1.
01118	07/23/2002		1.
01118	07/25/2002		1.
01118	07/28/2002		1.
39032	07/10/2002		25.
39120	07/10/2002		.5
39400	07/10/2002		.5
50060	07/01/2002		.05
50060	07/02/2002		.05
50060	07/07/2002		.05
50060	07/09/2002		.05
50060	07/11/2002		.05
50060	07/12/2002		.05
50060	07/15/2002		.05
50060	07/16/2002		.05
50060	07/17/2002		.05
50060	07/22/2002		.05
50060	07/23/2002		.05
50060	07/25/2002		.05
78391	07/10/2002		3.0
80082	07/01/2002		2.0
80082	07/06/2002		2.
80082	07/09/2002		2.
80082	07/12/2002		2.
80082	07/15/2002		2.
80082	07/17/2002		2.
80082	07/23/2002		2.
80082	07/25/2002		2.0

NTHLY REPORT FORM 4500 **4423**

08/09/2002

ame, Address City, County, ZIP :
nald Environmental Management Project
MP)
0 Willey Rd.
milton OH 45013940

Station Code : 002

Reported Date (Month Year) : July 2002

Application : 1I000004*FD

Sampling Station Description :
Storm Water Retention Basin Overflow to Paddys Run

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

Reporting Lab :

Analyst :

(1)	2	2	3	3		3	3
(2)	4	4	1	1		1	1
ay	(01119) Copper, Total Recoverable ug/l	(00530) Total Suspended Solids mg/l	(00402) pH, Minimum S.U.	(00401) pH, Maximum S.U.	(50050) Flow Rate MGD	(50060) Chlorine, Total Residual mg/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							
TAL	0	0	0	0	0	0	0
VG	0		N/A	N/A			
AX	0						
IN	0	0	0	0	0	0	0

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

ate Report Completed: 08/07/2002

Signature of Reporter:

Title of Reporter:

8

rm No EPA 4500 (8-91)
enerated by SWIMS)
rmerly EPA SURI

THLY REPORT FORM 4500 **4423**

08/09/2002

ıe, Address City, County, ZIP :
ld Environmental Management Project
P)
Willey Rd.
ton OH 4501394(

Station Code : 601

Reported Date (Month Year) : July 2002

Application : 1IO00004*FD

Sampling Station Description :
Sewage Treatment Plant Effluent

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

Reporting Lab :

Analyst :

(1)	2	3	2	2	3	1	
(2)	998	1	998	998	1	999	
	(80082) CBOD 5 day mg/l	(31616) Fecal Coliform #/100 ml	(00530) Total Suspended Solids mg/l	(00610) Nitrogen, Ammonia (NH3) mg/l	(00400) pH S.U.	(50050) Flow Rate MGD	
	AA	AA	6.8		6.99	0.0491	
					6.95	0.0549	
					6.6	0.0473	
					6.89	0.0324	
			6	AA	7.03	0.024	
	AA				7.14	0.02	
					6.92	0.0238	
					7.19	0.0749	
	AA	AA	8.8		6.75	0.059	
					6.88	0.0662	
					6.79	0.0601	
	4.3		9.2		6.85	0.0397	
					6.67	0.0313	
					6.95	0.0349	
	AA		12	0.12	7.13	0.0487	
					6.83	0.0464	
	4.4	AA	26		6.53	0.0512	
					6.56	0.0289	
					6.78	0.036	
					6.58	0.0489	
					6.69	0.038	
					6.81	0.055	
	2.6		16		6.26	0.0475	
					6.67	0.0545	
	3.8	24	7.6		6.82	0.0454	
					6.73	0.052	
					6.71	0.029	
					6.83	0.0276	
					6.87	0.0496	
					6.82	0.0552	
					6.68	0.047	
AL	15.1	24	92.4	0.12	210.9	1.3785	0
G	1.8875	2.2134	11.55	0.06	N/A	0.0445	
X	4.4	24	26	0.12	7.19	0.0749	
N	0	0	6	0	6.26	0.02	0

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

te Report Completed: 3/07/2002

Signature of Reporter:

Title of Reporter:

9

m No EPA 4500 (8-91)
nerated by SWIMS)
merly EPA SURI