G-000-103.20

1410

OHIO ENVIRONMENTAL PROTECTION AGENCY NPDES REPORT - FEED MATERIALS PRODUCTION CENTER (FMPC)

07/13/90

DOE-1440-90
DOE-FSO/OEPA
2
LETTER

[redacted]

OTPT 1410

Department of Energy
FMPC Site Office
P.O. Box 398705
Cincinnati, Ohio 45239-8705
(513) 738-6319

July 13, 1990
DOE-1440-90

Technical Records
Ohio Environmental Protection Agency
Division of Water Pollution Control
Enforcement Section, ES.MOR
1800 Watermark Drive
P.O. Box 1049
Columbus, OH 43266-1049

Gentlemen:

OHIO ENVIRONMENTAL PROTECTION AGENCY NPDES REPORT - FEED MATERIALS PRODUCTION CENTER (FMPC)

Enclosed are the Ohio Environmental Protection Agency (OEPA) NPDES forms for the Feed Materials Production Center, Permit No. 1I000004*BD, for June 1990. These forms have been completed and initialed by the preparer, who is an employee of Westinghouse Materials Company of Ohio (WMCO). With their assurances that the data are accurate and complete, the forms have been signed by DOE. There were no pH excursions from or non-compliances with the discharge limits specified in the FMPC NPDES permit during June 1990.

If you have any questions or comments regarding this matter, please contact Ken Brakken, of my staff, at (513) 738-6660.

Sincerely,

Gerald W. Westerbeck
FMPC Site Manager

DP-84:Brakken

Enclosures:

OEPA NPDES Forms

cc w/encl.:

B. L. Queener, SE-31, ORO

cc w/o encl.:

C. Gist, SE-311, ORO
S. M. Beckman, WMCO

9002 M 9501 900212 [redacted] 1410

45

U.S. DEPARTMENT OF ENERGY 1I000004001 JUN 1990 [redacted] 1 2 04/21/90 DHC

FEED MATERIALS PROD. CENTER
P.O. BOX 398705
FERNALD 45239 HAMILTON

001 MANHOLE 175, FINAL EFFLUENT BEFORE GREAT

FORM

	1 999	1 999	1 999	3 1	2 998	3 1	2 998	2 998	3 1	
	PH (MAX) S.U.	PH (MIN) S.U.	CONDUI FLOW MGD	DISS. OXYGEN MG/L	RESIDU T. NFL MG/L	O&G TOTAL MG/L	AMMONI NH3-N MG/L	NITRAT NO3-N MG/L	CYANID CN MG/L	FL F M
	00401	00402	50050	00300	00530	00550	00610	00620	00720	
01	8.2	7.9	0.986							0
02	8.7	7.8	1.028							
03	7.9	7.7	0.913							
04	8.2	8.0	0.955	7.9	AA	AA	0.06	1.7	AA	
05	7.8	7.4	0.951							
06	7.9	7.4	0.423							
07	8.2	7.5	0.707							
08	8.0	7.3	0.851							
09	8.4	8.0	1.011							
10	8.7	8.1	1.077							
11	8.5	7.6	1.038							
12	7.8	7.6	0.696	6.0	AA	AA	0.21	8.1	AA	(
13	8.1	7.8	0.671							
14	8.2	7.6	0.643							
15	7.9	7.7	0.616							
16	8.0	7.8	0.688							
17	8.2	7.8	0.235							
18	8.4	7.9	0.575							
19	8.6	8.0	0.524							
20	8.5	7.9	0.548	5.0	7.0	AA	0.10	8.9	AA	1
21	7.9	7.8	0.370							
22	7.7	7.4	0.279							
23	7.9	7.5	0.245							
24	8.0	7.4	0.212							
25	8.2	7.6	0.078							
26	8.0	7.7	0.420							
27	8.5	7.8	0.508							
28	8.2	7.7	0.561	8.4	4.0	AA	0.14	6.2	AA	C
29	8.0	7.8	0.480							
30	8.1	7.9	0.614							
31										
	N/A	N/A	18.903	27.3	15.0	AA	0.51	24.9	AA	3
	N/A	N/A	0.630	6.95	3.4	AA	0.12	5.7	AA	0
	8.7	8.1	1.077	8.4	7.0	AA	0.21	8.9	AA	1
	7.7	7.3	0.078	5.0	AA	AA	0.06	1.7	AA	0

JRMcD
6/11/90

[redacted]

AGENCY

3

JUNE 11 1990

9002 M 9501 900212 4500 [redacted]1410

U.S. DEPARTMENT OF ENERGY 1I000004001 JUN 1990 2 2 04/21/90 OH0009

FEED MATERIALS PROD. CENTER
P.O. BOX 398705 001 MANHOLE 175, FINAL EFFLUENT BEFORE GREAT MIA
FERNALD 45239 HAMILTON

FORM

	2 998	2 998	2 998	2 998	2 998	2 998	2 998
	CHROM CR,TOT UG/L	COPPER CU,TOT UG/L	LEAD PB,TOT UG/L	NICKEL NI,TOT UG/L	SILVER AG,TOT UG/L	CHROMI HEX-DS UG/L	CB-BOD 5 DAY MG/L
	01034	01042	01051	01067	01077	01220	80082
01							
02							
03							
04	AA	8.1	9.8	3.9	AA	AA	
05							
06							0.6
07							
08							
09							
10							
11							
12	AA	7.2	15.8	AA	AA	1.0	
13							1.1
14							
15							
16							
17							
18							
19							
20	17.2	42.1	41.8	31.2	AA	AE	1.78
21							
22							
23							
24							
25							
26							
27							1.01
28	65.2	8.2	20.0	AA	AA	AE	
29							
30							
31							
	86.0	65.6	87.4	51.5	AA	2.0	4.49
	17.7	14.6	19.7	11.3	AA	1.0	1.154
	65.2	42.1	41.8	31.2	AA	1.0	1.78
	AA	7.2	9.8	AA	AA	AA	0.6

RMEP 6/11/90

AE - Analytical Data Not Valid

[redacted]

4

AGENCY

JUNE 11 1990 [signature]

9002 M 9501 900212 [redacted] 1410 [redacted]

U.S. DEPARTMENT OF ENERGY 1I000004002 JUN 1990 1 2 04/21/90 OH00095

FEED MATERIALS PROD. CENTER
P.O. BOX 398705 002 SPILLWAY FROM STORMWATER RETENTION BASIN
FERNALD 45239 HAMILTON

FORM

	PH S.U.	RESIDU T. NFL MG/L	O&G TOTAL MG/L	AMMONI NH3-N MG/L	NITRAT NO3-N MG/L	FLUORI F,TOT MG/L	CHROM CR,TOT UG/L	COPPER CU,TOT UG/L	NICKEL NI,TOT UG/L	SILVER AG,TOT UG/L
	00400	00530	00550	00610	00620	00951	01034	01042	01067	01077
01		AH								
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										

AH - No Water Overflowed From Stormwater Retention Basin

JR McD
7/11/90

AGENCY

[redacted] 5

June 11, 1990 [signature] DOE FMPC Site Manager

9002 M 9501 900212 4500 141D [redacted]

U.S. DEPARTMENT OF ENERGY 1I000004002 JUN 1990 2 2 04/21/90 OH0009

FEED MATERIALS PROD. CENTER
P.O. BOX 398705 002 SPILLWAY FROM STORMWATER RETENTION BASIN
FERNALD 45239 HAMILTON

FORM

CHROMI HEX-DS UG/L	CONDUI FLOW MGD
01220	50050
	AH

AH - No Water Overflowed From Stormwater Retention Basin

JRMP 7/11/90

AGENCY

6

June 11, 1990 [signature] DOE FMPC Site Manager

9005 M 9009 900212 [redacted] 1410 [redacted]

U.S. DEPARTMENT OF ENERGY 1I000004601 JUN 1990 1 2 04/21/90 CH00095

FEED MATERIALS PROD. CENTER
P.O. BOX 398705 601 SEWAGE TREATMENT PLANT EFFLUENT AFTER DISINFE
FERNALD 45239 HAMILTON

FORM

	1	2	2	2	2	2	2	2	2
	999	998	998	998	998	998	998	998	998
	CONDUI FLOW MGD	BOD 5 DAY MG/L	RESIDU T. NFL MG/L	AMMONI NH3-N MG/L	FLUORI F,TOT MG/L	CHROM CR,TOT UG/L	COPPER CU,TOT UG/L	NICKEL NI,TOT UG/L	FEC CO MF-FCB #/100M
	50050	00310	00530	00610	00951	01034	01042	01067	31616
01	0.096								
02	0.099								
03	0.090								
04	0.028		AA	0.27	0.50	1.9	9.0	4.2	10
05	0.086								
06	0.087	3.9	5.0						
07	0.160								
08	0.146								
09	0.116								
10	0.039								
11	0.022								
12	0.129		AA	0.29	0.60	AA	13.8	AA	6
13	0.100	2.7	2.0						
14	0.099								
15	0.086								
16	0.180								
17	0.005								
18	0.024								
19	0.039								
20	0.120	2.99	AA	0.16	0.50	5.5	9.8	AA	90
21	0.097								
22	0.079								
23	0.115								
24	0.021								
25	0.020								
26	0.049								
27	0.043	0.97	1.4						
28	0.043		AA	0.40	0.50	2.3	9.5	AA	8
29	0.017								
30	0.056								
31									
	2.291	10.56	16.4	1.12	2.10	11.5	42.1	24.8	114
	0.076	2.89	2.4	0.25	0.54	3.3	11.3	7.8	14
	0.180	3.9	5.0	0.40	0.60	5.5	13.8	4.2	90
	0.005	0.97	AA	0.16	0.50	AA	9.0	AA	6

JAMES 6/11/90

[redacted]

7

AGENCY

JUNE 11, 1990 [signature] DOE FMPC SITE MANAGER

9002 M 9004 900212 4500 141D [redacted]

U.S. Department of Energy
Feed Materials Prod. Center
P.O. Box 398705
Fernald 45239 Hamilton

1I000004601 JUN 1990 2 2 3/24/90 OH000958C

601 Sewage Treatment Plant Effluent

FORM

	1 999 pH (MAX) S.U.	1 999 pH (MIN) S.U.
01	7.7	7.6
02	7.8	7.5
03	7.7	7.4
04	7.6	7.5
05	7.6	7.5
06	7.6	7.3
07	8.0	7.2
08	7.8	7.4
09	7.7	7.4
10	7.9	7.6
11	8.0	7.4
12	8.0	7.7
13	8.0	7.8
14	7.8	7.4
15	7.6	7.4
16	7.6	7.5
17	7.6	7.2
18	7.8	7.4
19	7.8	7.6
20	7.8	7.7
21	7.8	7.6
22	7.6	7.4
23	7.6	7.5
24	7.8	7.6
25	7.8	7.6
26	7.8	7.6
27	7.7	7.6
28	7.6	7.4
29	7.7	7.3
30	7.6	7.5
31		
	N/A	N/A
	N/A	N/A
	8.0	7.8
	7.6	7.2

RMED
7/11/90

[redacted]

8

AGENCY

June 11, 1990 [signature] DOE FMPC SITE MANAGER

9002 M 9501 900212 [redacted] 141D [redacted]

U.S. DEPARTMENT OF ENERGY 1I000004602 JUN 1990 1 1 04/21/90 OH00095

FEED MATERIALS PROD. CENTER
P.O. BOX 398705 602 GENERAL SUMP, EFFLUENT DIRECTED TO MANHOLE 17
FERNALD 45239 HAMILTON

FORM

	1	3	2	2	2	2
	999	1	1	1	1	1
	CONDUI FLOW MGD	PH S.U.	CHROM CR,TOT UG/L	COPPER CU,TOT UG/L	NICKEL NI,TOT UG/L	CHROMI HEX-DS UG/L
	50050	00400	01034	01042	01067	01220
01	0.090					
02	0.128					
03	0.0					
04	0.118	8.2	3.6	21.0	5.1	AA
05	0.050					
06	0.028					
07	0.0					
08	0.040					
09	0.208					
10	0.028					
11	0.0					
12	0.090	7.4	AA	11.2	13.9	AA
13	0.090					
14	0.125					
15	0.130					
16	0.117					
17	0.0					
18	0.090					
19	0.175					
20	0.050	8.2	7.9	19.1	8.2	AE
21	0.131					
22	0.130					
23	0.130					
24	0.135					
25	0.035					
26	0.118					
27	0.090					
28	0.135	7.6	6.0	10.8	AA	AE
29	0.090					
30	0.180					
31						
	2.731	N/A	19.3	62.1	35.4	AA
	0.091	N/A	4.6	15.0	8.6	AA
	0.208	8.2	7.9	21.0	13.9	AA
	0.0	7.4	AA	10.8	AA	AA

RMcD 6/11/90

AE - Analytical Data Not Valid

AGENCY

JUNE 11, 1990 DOE FMPC SITE MANAGER

9002 M 9501 900212 [redacted] 141D [redacted]

U.S. DEPARTMENT OF ENERGY 1I000004604 JUN 1990 1 1 04/21/90 OH00095

FEED MATERIALS PROD. CENTER
P.O. BOX 398705 604 STORM SEWER LIFT STATION EFFLUENT MANHOLE 175
FERNALD 45239 HAMILTON

FORM

	2	2	1	2	3	2	2
	6	6	999	998	1	998	998
	PH (MAX) S.U.	PH (MIN) S.U.	CONDUI FLOW MGD	RESIDU T. NFL MG/L	O&G TOTAL MG/L	NITRAT NO3-N MG/L	FLUORI F,TOT MG/L
	00401	00402	50050	00530	00550	00620	00951
01							
02							
03							
04							
05							
06							
07							
08							
09							
10							
11							
12							
13	8.0	7.9	0.055				
14	8.0	7.6	0.021				
15	7.8	7.8	0.035				
16	8.0	8.0	0.020				
17	8.0	7.8	0.081				
18	8.0	7.8	0.020				
19	8.0	7.9	0.048				
20	8.2	7.8	0.052	AA	AA	2.5	0.5
21	8.1	7.9	0.020				
22	7.8	7.7	0.064				
23							
24	8.2	7.7	0.056				
25	7.9	7.7	0.023				
26	8.0	7.7	0.020				
27	7.9	7.8	0.020				
28	8.3	7.7	0.020	AA	AA	3.6	0.8
29	8.1	7.9	0.020				
30	8.4	7.8	0.020				
31							
	N/A	N/A	0.595	AA	AA	6.1	1.3
	N/A	N/A	0.035	AA	AA	2.8	0.6
	8.4	8.0	0.081	AA	AA	3.6	0.8
	7.8	7.6	0.020	AA	AA	2.5	0.5

1RMED
6/11/90

[redacted]

AGENCY

10

JUNE 11, 1990 [signature] DOE FMPC SITE MANAGER

9002 M 9501 900212 [redacted] 141D

U.S. DEPARTMENT OF ENERGY 1I000004605 JUN 1990 1 2 04/21/90 OH0009

FEED MATERIALS PROD. CENTER
P.O. BOX 398705 605 EFFLUENT FROM BIODENTRIFICATION [redacted] VIA 175
FERNALD 45239 HAMILTON

FORM

PH (MAX) S.U.	PH (MIN) S.U.	CONDUI FLOW MGD	BOD 5 DAY MG/L	RESIDU T. NFL MG/L	AMMONI NH3-N MG/L	NITRAT NO3-N MG/L	FLUORI F,TOT MG/L	CHROM CR,TOT UG/L	COPPE CU,TO UG/L
00401	00402	50050	00310	00530	00610	00620	00951	01034	0104
		AH							

AH - Facility Taken Out of Service, 4/4/90, Due To Construction Activities

RMP 7/11/90
AGENCY

[redacted] 11

June 11, 1990 [signature] DOE FMPC Site Manager

9002 M 9501 900212 4500 141D

U.S. DEPARTMENT OF ENERGY 1I000004605 JUN 1990 2 2 04/21/90 OH00095

FEED MATERIALS PROD. CENTER
P.O. BOX 398705 605 EFFLUENT FROM BIODENTRIFICATION [redacted] VIA 175
FERNALD 45239 HAMILTON

FORM

NICKEL NI,TOT UG/L	CHROMI HEX-DS UG/L
01067	01220
AH	

AH - Facility Taken Out of Service, 4/4/90, DUE To Construction Activities

JRMcD 7/16/90
AGENCY

12

June 11, 1990 DOE FMPC Site Manager

9002 M 9501 900212

4500 [redacted]

141D

U.S. Department of Energy
Feed Materials Prod. Center
P.O. Box 398705
Fernald 45239 Hamilton

1I000004606 JUN 1990 1 1 3/24/90 OH0009580

606 Stormwater Retention Basin

[redacted]

FORM

	2	2	1	2	3
	6	6	999	998	1
	pH (MAX) S.U.	pH (MIN) S.U.	CONDUI FLOW MGD	RESIDU T, NFL MG/L	O&G TOTAL MG/L
	00401	00402	50050	00530	00550
01	8.5	8.1	0.800	AA	AA
02	8.8	7.3	0.801	AA	AA
03	8.1	7.7	0.824	4.0	AA
04	8.5	8.3	0.809	4.0	AA
05	8.2	8.0	0.815	AA	AA
06	7.8	7.7	0.309	2.0	AA
07	7.8	7.7	0.547	AA	AA
08	7.8	7.7	0.665	3.0	AA
09	7.8	7.5	0.534	AA	AA
10	7.6	7.3	0.777	AA	AA
11	7.7	7.6	0.785	AA	AA
12	7.7	7.6	0.477	AA	AA
13	7.8	7.5	0.427	AA	AA
14	7.8	7.5	0.398	AA	AA
15	8.0	7.5	0.366	AA	AA
16	7.8	7.8	0.371	AA	AA
17	8.2	7.8	0.149	6.0	AA
18	8.4	8.1	0.441	2.0	AA
19	8.7	8.3	0.262	3.0	AA
20	8.6	8.0	0.326	4.0	AA
21	8.6	8.0	0.128	34.0	AA
22					
23					
24					
25					
26	8.2	7.7	0.233	7.0	AA
27	8.3	8.1	0.355	4.0	AA
28	8.4	8.2	0.363	3.0	AA
29	8.4	8.1	0.354	4.0	AA
30	8.3	8.1	0.358	3.0	AA
31					
	N/A	N/A	12.674	107.0	AA
	N/A	N/A	0.487	3.0	AA
	8.8	8.3	0.824	34.0	AA
	7.6	7.3	0.128	AA	AA

AR MSP 6/11/90

[redacted]

AGENCY

13

JUNE 11, 1990 DOE FMPC SITE MANAGER

9002 M 9501 900212

MONTHLY REPORT FORM

[redacted]

141D

OhioEPA

NAME, ADDRESS, CITY, COUNTY, ZIP

U.S. DEPARTMENT OF ENERGY

FEED MATERIALS PROD. CENTER
P.O. BOX 398705
FERNALD 45239 HAMILTON

1I00004606 JUL 1990 1 OF 1

PRINTING DATE APPLICATION
3/24/90 OH0009580

SAMPLING STATION DESCRIPTION
606 STORMWATER RETENTION BASIN

[redacted]

NOTE: THIS FORM MUST BE TYP

IN(1) - ENTER 1 FOR CONTINUOUS, 2 FOR COMPOSITE, 3 FOR GRAB SAMPLE
IN(2) - ENTER FREQUENCY OF SAMPLING

REPORTING LAB

ANALYST

ENTER ANALYSES PERFORMED AND CODE NO. AT RIGHT

DAY	pH (MAX) S.U.	pH (MIN) S.U.	CONDUI FLOW MGD	RESIDU T. NFL MG/L	O&G TOTAL MG/L					
(1)	2	2	1	2	3					
(2)	6	6	999	998	1					
REPORTING CODE	00401	00402	50050	00530	00550					
01	8.4	8.0	0.334	2	AA					
02	8.5	8.1	0.369	2	AA					
03	8.6	8.2	0.344	3	AA					
04	8.5	8.2	0.407	AA	AA					
05										
06	9.0	8.3	0.166	10	AA					
07	9.0	8.3	0.353	12	AA					
08	8.7	8.0	0.327	4	AA					
09										
10										
11										
12										
13										
14	7.6	7.4	0.698	37	AA					
15	7.7	7.5	0.812	12	AA					
16	7.7	7.5	0.814	7	AA					
17	7.7	7.4	0.479	8	AA					
18	7.8	7.4	0.833	5	AA					
19	8.2	7.6	0.793	7	AA					
20	8.4	8.0	0.815	5	AA					
21	8.0	7.6	0.801	9	AA					
22	7.9	7.4	0.810	8	AA					
23	7.7	7.5	0.797	8	AA					
24	8.3	7.6	0.784	8	AA					
25	7.6	7.2	0.399	7	AA					
26	8.2	7.4	0.651	6	AA					
27	8.2	7.9	0.792	4	AA					
28	8.3	7.9	0.827	2	AA					
29	8.1	7.7	0.934	2	AA					
30										
31										
TOTAL	N/A	N/A	14.339	170	AA					
AVG.	N/A	N/A	0.623	8	AA					
MAX.	9.0	8.3	0.934	37	AA					
MIN.	7.6	7.2	0.166	AA	AA					

ADDITIONAL REMARKS (AH REPORTING CODES MUST BE EXPLAINED IN THIS SECTION)

AA:00530-2.0 mg/l: 00550-5.0 mg/l

As of 7/9/90, the analytical laboratory established standardized laboratory detection limits to replace instrument detection limits for the NPDES analytes.

DISTRIBUTION
WHITE - AGENCY
YELLOW - AGENCY
GREEN - REPORTER

FORM NO. EPA-4500 (8-86)
FORMERLY EPA-SUR-1

I CERTIFY UNDER THE PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED AND BASED ON MY INQUIR THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION, I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE AND COMPLETE AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT.

DATE REPORT COMPLETED	SIGNATURE OF REPORTER	TITLE OF REPORTER
8/13/90	[signature]	DOE FMPC SITE MANAGER

[redacted]

141D

MONTHLY REPORT FORM — OhioEPA

NAME, ADDRESS, CITY, COUNTY, ZIP

U.S. DEPARTMENT OF ENERGY 1500000400 JUL 1990

FEED MATERIALS PROD. CENTER
P.O. BOX 398705
FERNALD 45239 HAMILTON

SAMPLING STATION DESCRIPTION
001 MANHOLE 175, FINAL EFFLUENT BEFORE GREAT MIA

PRINTING DATE APPLICATION N
UP2 04/21/90 OH0009

[redacted]

NOTE: THIS FORM MUST BE TYPI

IN(1) - ENTER 1 FOR CONTINUOUS, 2 FOR COMPOSITE, 3 FOR GRAB SAMPLE
IN(2) - ENTER FREQUENCY OF SAMPLING

REPORTING LAB

ANALYST

DAY (AND CODE NO. AT RIGHT)	pH (MAX) S.U. REPORTING CODE 00401	pH (MIN) S.U. REPORTING CODE 00402	CONDUCT. FLOW MGD REPORTING CODE 50050	DISS. OXYGEN MG/L REPORTING CODE 00300	PHENOL. T. REC. UG/L REPORTING CODE 81526	TOTAL MG/L REPORTING CODE 00530	AMMONIA (NH3-N) MG/L REPORTING CODE 00610	NITRAT (NO3-N) MG/L REPORTING CODE 00620	CYANID CN MG/L REPORTING CODE 00720	FLUORI. MG/L REPORTING CODE [illegible]
(1)	1	1	1	3	2	3	2	2	3	2
(2)	999	999	999	1	998	1	998	998	1	998
01	8.6	8.4	0.592							
02	10.0	8.2	0.560	7.0	18	AA	0.15	3.5	AA	0.8
03	8.5	8.4	0.634							
04	8.5	8.3	0.655							
05	8.5	8.3	0.227							
06	8.5	7.5	0.417							
07	7.6	7.6	0.700							
08	7.7	7.6	0.480							
09	8.5	7.8	0.217							
10	8.5	7.2	0.195	6.2	AA	AA	0.10	16.0	AA	1.8
11	7.7	7.5	0.320							
12	8.5	8.0	0.167							
13	9.4	8.0	0.389							
14	9.0	8.8	0.907							
15	8.7	8.6	1.066							
16	9.3	8.8	0.885							
17	8.8	8.0	0.756							
18	8.5	8.2	0.997	8.0	AA	AA	AA	2.3	AA	0.7
19	8.8	8.0	1.032							
20	9.0	8.2	1.026							
21	8.9	8.4	0.989							
22	8.7	8.0	0.920							
23	8.6	8.3	0.962							
24	8.5	8.2	0.971							
25	8.2	7.9	0.639							
26	8.6	8.0	0.902	8.3	3	AA	0.56	6.3	AA	1.1
27	9.3	8.2	1.063							
28	9.2	8.8	1.083							
29	9.0	8.3	1.175							
30	9.5	8.0	0.251							
31	8.7	8.4	0.368							
TOTAL	N/A	N/A	21.545	29.5	25	AA	0.91	28.1	AA	4.4
AVG.	N/A	N/A	0.695	7.3	5.7	AA	0.27	4.9	AA	0.9
MAX.	10.0	8.8	0.175	8.3	18	AA	0.56	16.0	AA	1.8
MIN.	7.6	7.2	0.167	6.2	AA	AA	AA	2.3	AA	0.7

DDITIONAL REMARKS (AH REPORTING CODES MUST BE EXPLAINED IN THIS SECTION)
AA:00530-2.0 mg/l; 00550-5.0 mg/l; 00610-0.10 mg/l; 00720-0.005 mg/l

As of 7/7/90, the analytical laboratory established standardized laboratory detection limits to replace instrument detection limits, for the NPDES analytes.

[redacted]

DISTRIBUTION
WHITE - AGENCY
RED - AGENCY
GREEN - REPORTER
FORM NO. EPA-4500 (2-90)
FORMERLY EPA-SUR-1

I CERTIFY UNDER THE PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED AND BASED ON MY INQUIRY THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION, I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE AND COMPLETE. AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT.

DATE REPORT COMPLETED	SIGNATURE OF REPORTER	TITLE OF REPORTER
7-7-90	[signature]	DOE FMPC SITE MANAGER

15

MONTHLY REPORT FORM 4500 REPORTED 1410 OhioEPA

NAME, ADDRESS, CITY, COUNTY, ZIP	STATION CODE	DATE (MONTH, YEAR)	PAGE	PRINTING DATE	APPLICATION
U.S. DEPARTMENT OF ENERGY	11000004001	JUL 1990	2 OF 2	04/21/90	DH0009

FEED MATERIALS PROD. CENTER
P.O. BOX 398705
FERNALD 45239 HAMILTON

SAMPLING STATION DESCRIPTION
001 MANHOLE 175, FINAL EFFLUENT BEFORE GREAT MIAMI

[redacted]

NOTE: THIS FORM MUST BE TYPE

IN(1) - ENTER 1 FOR CONTINUOUS, 2 FOR COMPOSITE, 3 FOR GRAB SAMPLE
IN(2) - ENTER FREQUENCY OF SAMPLING

REPORTING LAB

ANALYST

DAY	CHROM CR,TOT UG/L REPORTING CODE 01034	COPPER CU,TOT UG/L REPORTING CODE 01042	LEAD PB,TOT UG/L REPORTING CODE 01051	NICKEL NI,TOT UG/L REPORTING CODE 01067	SILVER AG,TOT UG/L REPORTING CODE 01077	CHROMI HEX-DS UG/L REPORTING CODE 01220	GR-MOD 5 DAY MG/L REPORTING CODE 80082	REPORTING CODE	REPORTING CODE	REPORTING CODE
(1)	2	2	2	2	2	2	2			
(2)										
01										
02	63.6	AA	12.5	AA	AA	70.8				
03										
04							1.34			
05										
06										
07										
08										
09										
10	AA	AA	AA	AA	AA	AA				
11							0.59			
12										
13										
14										
15										
16										
17										
18	30.7	AA	13.7	AA	AA	22.4	0.64			
19										
20										
21										
22										
23										
24										
25							5.50			
26	AA	AA	AA	12.0	AA	AA				
27										
28										
29										
30										
31										
TOTAL	106.3	AA	38.2	39.0	AA	105.2	8.07			
AVG.	27.4	AA	10.3	10.0	AA	25.8	2.00			
MAX.	63.6	AA	13.7	12.0	AA	70.8	5.50			
MIN.	AA	AA	AA	AA	AA	AA	0.59			

ADDITIONAL REMARKS (AH REPORTING CODES MUST BE EXPLAINED IN THIS SECTION)
AA:01034-6.0 ug/l; 01042-14.0 ug/l; 01051-6.0 ug/l; 01067-9.0 ug/l; 01077-7/2/90-1.0 ug/l; 7/10,18,26/90-3.0 ug/l; 01220-6.0 ug/l

As of 7/7/90, the analytical laboratory established standardized laboratory detection limits, to replace instrument detection limits, for the NPDES analytes.

DISTRIBUTION
WHITE - AGENCY
RED - AGENCY
GREEN - REPORTER
FORM NO. EPA-4500 (2-90)
FORMERLY EPA-SUR-1

I CERTIFY UNDER THE PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED AND BASED ON MY INQUIRY THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION, I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE AND COMPLETE. I AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT.

DATE REPORT COMPLETED	SIGNATURE OF REPORTER	TITLE OF REPORTER
[illegible]	[illegible]	DOE FMPC SITE MANAGER

16

[redacted] 141D — OhioEPA

MONTHLY REPORT FORM

NAME, ADDRESS, CITY, COUNTY, ZIP: U.S. DEPARTMENT OF ENERGY

STATION CODE: 1I5000042002

DATE (MONTH, YEAR): JUL 1990

PAGE 1 OF 1

PRINTING DATE: 04/21/90

APPLICATION: [redacted]

FEED MATERIALS PROD. CENTER
P.O. BOX 398705
FERNALD 45239 HAMILTON

SAMPLING STATION DESCRIPTION: 002 SPILLWAY FROM STORMWATER RETENTION BASIN

NOTE: THIS FORM MUST BE TYP

IN(1) - ENTER 1 FOR CONTINUOUS, 2 FOR COMPOSITE, 3 FOR GRAB SAMPLE

IN(2) - ENTER FREQUENCY OF SAMPLING

REPORTING LAB

ANALYST

ENTER ANALYSIS PERFORMED AND CODE NO. AT RIGHT

DAY	PH S.U. REPORTING CODE 00400	PERSUL FATE MG/L REPORTING CODE 07089	BOD TOTAL MG/L REPORTING CODE 00310	AMMONIA NITROGEN MG/L REPORTING CODE 00610	NITRATE NITROGEN MG/L REPORTING CODE 00620	FLUORIDE F,TOT MG/L REPORTING CODE 00951	CHROMIUM CR,TOT UG/L REPORTING CODE 01034	COPPER CU,TOT UG/L REPORTING CODE 01042	NICKEL NI,TOT UG/L REPORTING CODE 01067	SILVER AG,T UG/L REPORTING CODE 0107
(1)										
(2)										
01	AH									
02										
03										
04										
05										
06										
07										
08										
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27										
28										
29										
30										
31										
TOTAL										
AVG.										
MAX.										
MIN.										

ADDITIONAL REMARKS (AH REPORTING CODES MUST BE EXPLAINED IN THIS SECTION)

AH - NO WATER OVERFLOWED FROM STORMWATER RETENTION BASIN

AS OF 7/9/90, THE ANALYTICAL LABORATORY ESTABLISHED STANDARDIZED LABORATORY DETECTION LIMITS TO REPLACE INSTRUMENT DETECTION LIMITS, FOR THE NPDES ANALYTES.

[redacted]

DISTRIBUTION
WHITE - AGENCY
RED - AGENCY
GREEN - REPORTER
FORM NO. EPA-4500 (2-90)
FORMERLY EPA-SUR-1

I CERTIFY UNDER THE PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED AND BASED ON MY INQUIR THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION, I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE AND COMPLETE. AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT.

DATE REPORT COMPLETED	SIGNATURE OF REPORTER	TITLE OF REPORTER
		DOE FMPC SITE MANAGER

17

- MONTHLY REPORT FORM

4500 REPORTED

1410 OhioEPA

NAME, ADDRESS, CITY, COUNTY, ZIP	STATION CODE	DATE (MONTH, YEAR)	PAGE	PRINTING DATE	APPLICATION N
U.S. DEPARTMENT OF ENERGY	11C00004002	JUL 1990	2 OF 2	04/21/90	0M0009

FEED MATERIALS PROD. CENTER
P.O. BOX 398705
FERNALD 45239 HAMILTON

SAMPLING STATION DESCRIPTION
[redacted]
002 SPILLWAY FROM STORMWATER RETENTION BASIN

NOTE: THIS FORM MUST BE TYPE

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)	REPORTING CODE	REPORTING CODE	REPORTING CODE	REPORTING CODE	REPORTING CODE	REPORTING CODE	REPORTING CODE	REPORTING CODE	REPORTING CODE	REPORTING C
			CHRONIC NOV-DS OVL 01220	CONST FLOW MGD 50050								
01				AH								
02												
03												
04												
05												
06												
07												
08												
09												
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26												
27												
28												
29												
30												
31												
TOTAL												
AVG.												
MAX.												
MIN.												

ADDITIONAL REMARKS (AH REPORTING CODES MUST BE EXPLAINED IN THIS SECTION)

AH - NO WATER OVERFLOWED FROM STORMWATER RETENTION BASIN

1385

As of 7/9/90, the analytical laboratory established standardized laboratory detection limits to replace instrument detection limits for the NPDES analytes.

[redacted]

DISTRIBUTION
WHITE - AGENCY
RED - AGENCY
GREEN - REPORTER

FORM NO. EPA-4500 (2-90)
FORMERLY EPA-SUR-1

I CERTIFY UNDER THE PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED AND BASED ON MY INQUIR THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION, I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE AND COMPLETE. AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT.

DATE REPORT COMPLETED	SIGNATURE OF REPORTER	TITLE OF REPORTER
		DOE FMPC SITE MANAGER

18

9089 P 9009 900212

MONTHLY REPORT FORM

[redacted]

141D

OhioEPA

NAME, ADDRESS, CITY, COUNTY, ZIP

PRINTING DATE APPLICATION

U.S. DEPARTMENT OF ENERGY 11001004401 JUL 1990 1 OF 1 04/21/90 OH00091

FEED MATERIALS PROD. CENTER SAMPLING STATION DESCRIPTION [redacted]

P.O. BOX 398705 601 SEWAGE TREATMENT PLANT EFFLUENT AFTER DISINFE

FERNALD 45239 HAMILTON

NOTE: THIS FORM MUST BE TYPE

IN(1) - ENTER 1 FOR CONTINUOUS, 2 FOR COMPOSITE, 3 FOR GRAB SAMPLE

IN(2) - ENTER FREQUENCY OF SAMPLING

REPORTING LAB

ANALYST

AND CODE NO. AT RIGHT										
(1)	1	2	2	2	2	2	2	2	2	
(2)	999	998	998	998	998	998	998	998	998	
	CONDUI FLOW MGD	BOD 5 DAY MG/L	RESIDU T. NFL MG/L	AMMONI NH3-N MG/L	FLUORI F,TOT MG/L	CHROM CR,TOT UG/L	COPPER CU,TOT UG/L	NICKEL NI,TOT UG/L	FEC CO MF-FCB #/100M	
	REPORTING CODE	REPORTING CODE	REPORTING CODE	REPORTING CODE	REPORTING CODE	REPORTING CODE	REPORTING CODE	REPORTING CODE	REPORTING CODE	REPORTING C
DAY	50050	00310	00530	00610	00951	01034	01042	01067	31616	
01	0.033									
02	0.026		AA	0.07	0.5	AA	AA	AA	170	
03	0.044									
04	0.118	2.99	0.30							
05	0.017									
06	0.081									
07	0.077									
08	0.035									
09	0.060									
10	0.085		AA	0.14	0.5	AA	AA	AA	200	
11	0.093	1.26	1.0							
12	0.117									
13	0.137									
14	0.159									
15	0.114									
16	0.071									
17	0.106									
18	0.113	3.69	AA	AA	0.6	AA	17.6	AA	6	
19	0.105									
20	0.121									
21	0.113									
22	0.082									
23	0.065									
24	0.137									
25	0.101	4.67	5.4	0.10	0.5					
26	0.111		2.0			AA	AA	AA	2	
27	0.131									
28	0.116									
29	0.101									
30	0.051									
31	0.108									
TOTAL	2.828	12.61	15.2	0.41	2.1	AA	59.6	AA	378	
AVG.	0.091	3.13	2.2	0.11	0.5	AA	15.2	AA	25	
MAX.	0.159	4.67	5.4	0.14	0.6	AA	17.6	AA	200	
MIN.	0.017	1.26	AA	0.07	0.5	AA	AA	AA	2	

ADDITIONAL REMARKS (AH REPORTING CODES MUST BE EXPLAINED IN THIS SECTION)

AA:00530-2.0 mg/l; 00610-0.10 mg/l; 01034-6.0 ug/l; 01042-14.0 ug/l; 01067-9.0 ug/l

As of 7/9/90, the analytical laboratory established standardized laboratory detection limits to replace instrument detection limits, for the NPDES analytes.

DISTRIBUTION
WHITE - AGENCY
RED - AGENCY
GREEN - REPORTER
FORM NO. EPA-4500 (2-90)
FORMERLY EPA-SUR-1

I CERTIFY UNDER THE PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED AND BASED ON MY INQUIR THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION, I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE AND COMPLETE. AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT.

DATE REPORT COMPLETED	SIGNATURE OF REPORTER	TITLE OF REPORTER
[illegible]	[illegible]	DOE FMPC SITE MANAGER

19

9002 M 900212

MONTHLY REPORT FORM

[redacted] 1410

OhioEPA

NAME, ADDRESS, CITY, COUNTY, ZIP

U.S. DEPARTMENT OF ENERGY 1I000004601 JUL 1990 2 2 PRINTING DATE 3/24/90 APPLICATION N OH000958

FEED MATERIALS PROD. CENTER
P.O. BOX 398705
FERNALD 45239 HAMILTON

SAMPLING STATION DESCRIPTION
601 SEWAGE TREATMENT PLANT

[redacted]

NOTE: THIS FORM MUST BE TYPE

IN(1) - ENTER 1 FOR CONTINUOUS, 2 FOR COMPOSITE, 3 FOR GRAB SAMPLE
IN(2) - ENTER FREQUENCY OF SAMPLING

REPORTING LAB

ANALYST

ENTER ANALYSES PERFORMED AND CODE NO. AT RIGHT										
(1)	1	1								
(2)	999	999								
DAY	pH (MAX) S.U. REPORTING CODE	pH (MIN) S.U. REPORTING CODE	REPORTING CODE	REPORTING CODE	REPORTING CODE	REPORTING CODE	REPORTING CODE	REPORTING CODE	REPORTING CODE	REPORTING CO
01	8.0	7.5								
02	8.0	7.7								
03	8.0	7.9								
04	8.0	7.7								
05	8.0	7.7								
06	8.2	7.8								
07	8.0	6.3								
08	8.2	6.8								
09	8.4	8.0								
10	8.2	8.0								
11	8.1	7.8								
12	8.0	7.8								
13	8.0	7.8								
14	8.6	7.8								
15	8.5	8.3								
16	8.6	8.3								
17	8.4	7.8								
18	8.0	7.7								
19	7.7	7.5								
20	7.8	7.5								
21	8.2	7.8								
22	8.0	7.8								
23	8.2	7.7								
24	8.2	7.7								
25	7.9	7.6								
26	7.8	7.6								
27	8.0	7.6								
28	8.2	6.7								
29	8.5	7.8								
30	8.0	7.8								
31	8.0	7.8								
TOTAL	N/A	N/A								
AVG.	N/A	N/A								
MAX.										
MIN.										

ADDITIONAL REMARKS (AH REPORTING CODES MUST BE EXPLAINED IN THIS SECTION)

As of 7/9/90, the analytical laboratory established standardized laboratory detection limits to replace instrument detection limits for the NPDES analytes.

[redacted]

DISTRIBUTION
WHITE - AGENCY
YELLOW - AGENCY
GREEN - REPORTER
FORM NO. EPA-4500 (8-86)
FORMERLY EPA-SUR-1

I CERTIFY UNDER THE PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED AND BASED ON MY INQUIR THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION, I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE AND COMPLETE. AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT.

DATE REPORT COMPLETED	SIGNATURE OF REPORTER	TITLE OF REPORTER
8/13/90	[signature]	DOE FMPC SITE MANAGER

20

[redacted]

MONTHLY REPORT FORM — Ohio EPA

1410

NAME, ADDRESS, CITY, COUNTY, ZIP — NTING DATE APPLICATION N

U.S. DEPARTMENT OF ENE-GY — 1IG000004602 JUL 199 — 1ST 0-/21/90 GH0000

FEED MATERIALS PROD. CENTER — SAMPLING STATION DESCRIPTION [redacted]

P.O. BOX 398705 — 612 GENERAL SUMP, EFFLUENT DIRECTED TO MA[illegible]OLS 17

FERNALD — 45239 HAMILTON

NOTE: THIS FORM MUST BE TYPI

IN(1) - ENTER 1 FOR CONTINUOUS, 2 FOR COMPOSITE, 3 FOR GRAB SAMPLE

IN(2) - ENTER FREQUENCY OF SAMPLING

REPORTING LAB

ANALYST

AND CODE NO. AT RIGHT										
(1)	1	3	2	2	2	2				
(2)	999	1	1	1	1	1				
	CONDUI FLOW MGD	PH S.U.	CHROM CR,TOT UG/L	COPPER CU,TOT UG/L	NICKEL NI,TOT UG/L	CHROMI HEX-DS UG/L				
DAY	REPORTING CODE 50050	REPORTING CODE 00400	REPORTING CODE 01034	REPORTING CODE 01042	REPORTING CODE 01067	REPORTING CODE 01220	REPORTING CODE	REPORTING CODE	REPORTING CODE	REPORTING CO
01	0.125									
02	0.085	7.7	AA	30.9	AA	2.8				
03	0.166									
04	0.050									
05	0.130									
06	0.090									
07	0.135									
08	0.038									
09	0.138									
10	0.050	8.0	AA	AA	AA	AA				
11	0.167									
12	0.050									
13	0.102									
14	0.050									
15	0.130									
16	0.000									
17	1.170									
18	0.050	7.1	AA	19.1	23.3	AA				
19	0.090									
20	0.090									
21	0.075									
22	0.040									
23	0.100									
24	0.080									
25	0.140									
26	0.140	8.0	AA	AA	9.0	AA				
27	0.140									
28	0.140									
29	0.140									
30	0.120									
31	0.180									
TOTAL	3.211	N/A	AA	128.0	50.3	20.8				
AVG.	0.104	N/A	AA	32.3	11.2	5.2				
MAX.	0.180	8.0	AA	80.9	23.3	AA				
MIN.	0.000	7.1	AA	AA	AA	AA				

DDITIONAL REMARKS (AH REPORTING CODES MUST BE EXPLAINED IN THIS SECTION)

AA:01034-6.0 ug/l; 01042-14.0 ug/l; 01067-9.0 ug/l; 01220-6.0 ug/l

As of 7/9/90, the analytical laboratory established standardized laboratory detection limits to replace instrument detection limits for the NPDES analytes.

[redacted]

DISTRIBUTION
WHITE - AGENCY
RED - AGENCY
GREEN - REPORTER

FORM NO. EPA-4500 (2-90)
FORMERLY EPA-SUR-1

I CERTIFY UNDER THE PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED AND BASED ON MY INQUIRY THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION, I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE AND COMPLETE. I AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT.

DATE REPORT COMPLETED	SIGNATURE OF REPORTER	TITLE OF REPORTER
		DOE FMPC SITE MANAGER

21

[redacted]

1410

MONTHLY REPORT FORM

NAME, ADDRESS, CITY, COUNTY, ZIP

U.S. DEPARTMENT OF ENERGY 1IC00004:04 JUL 1990

FEED MATERIALS PROD. CENTER
P.O. BOX 398705
FERNALD 45239 HAMILTON

SAMPLING STATION DESCRIPTION

[redacted]

04 STORM SEWER LIFT STATION EFFLUENT MANHOLE 1

OhioEPA

INTING DATE APPLICATION N

1 04/21/90 OH0009

NOTE: THIS FORM MUST BE TYPE

IN(1) - ENTER 1 FOR CONTINUOUS, 2 FOR COMPOSITE, 3 FOR GRAB SAMPLE

IN(2) - ENTER FREQUENCY OF SAMPLING

REPORTING LAB

ANALYST

AND CODE NO. AT RIGHT										
(1)	2	2	1	2	3	2	2			
(2)	6	6	999	998	1	998	998			
	PH (MAX) S.U.	PH (MIN) S.U.	CONDUIT FLOW MG	RESIDU T. NFL MG/L	OIL TOTAL MG/L	NITRAT NO3-N MG/L	FLUORI F,TOT MG/L			
	REPORTING CODE	REPORTING CODE	REPORTING CODE	REPORTING CODE	REPORTING CODE	REPORTING CODE	REPORTING CODE	REPORTING CODE	REPORTING CODE	REPORTING CO
DAY	00401	00402	00010	00530	00550	00620	00951			
01	8.3	7.8	0.080							
02	8.4	7.8	0.080	8	AA	5.1	1.3			
03	8.5	8.4	0.080							
04	7.9	7.7	0.080							
05	7.9	7.2	0.080							
06	7.9	7.8	0.080							
07	7.9	7.5	0.080							
08	7.9	7.5	0.080							
09										
10	7.9	7.8	0.060	AA	AA	3.9	0.6			
11	7.8	7.2	0.060							
12										
13	7.8	7.6	0.150							
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29										
30	7.9	7.7	0.080							
31	8.4	8.1	0.080							
TOTAL	N/A	N/A	1.070	**10**	**AA**	**9.0**	1.9			
AVG.	N/A	N/A	0.082	5	AA	4.6	1.0			
MAX.	8.5	8.4	0.150	8	AA	5.1	1.3			
MIN.	7.8	7.2	0.060	AA	AA	3.9	0.6			

DDITIONAL REMARKS (AH REPORTING CODES MUST BE EXPLAINED IN THIS SECTION)

AA:00530-2.0 mg/l; 00550-5.0 mg/l

As of 7/9/90, the analytical laboratory established standardized laboratory detection limits **to replace instrument detection limits for the** NPDES analytes.

DISTRIBUTION
WHITE - AGENCY
RED - AGENCY
GREEN - REPORTER
FORM NO. EPA-4500 (2-90)
FORMERLY EPA-SUR-1

I CERTIFY UNDER THE PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED AND BASED ON MY INQUIR THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION. I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE AND COMPLETE. AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT.

DATE REPORT COMPLETED	SIGNATURE OF REPORTER	TITLE OF REPORTER
[illegible]	[illegible]	DOE FMPC SITE MANAGER

22

[redacted]

MONTHLY REPORT FORM

141D

Ohio EPA

NAME, ADDRESS, CITY, COUNTY, ZIP

PRINTING DATE APPLICATION

U.S. DEPARTMENT OF ENERGY 1I 1000046505 JUL 199 PR 04/21/9 OH0009

FEED MATERIALS PROD. CENTER
P.O. BOX 398705
FERNALD 45239 HAMILTON

SAMPLING STATION DESCRIPTION
60% EFFLUENT FROM RECLAMATIFICATION DISC VIA 175

[redacted]

NOTE: THIS FORM MUST BE TYPE

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)	PH (MAX) S.U.	PH (MIN) S.U.	COMBINED FLOW MGD	TSS MG/L	PHENOL TOTAL MG/L	AMMONIA NITROGEN MG/L	NITRATE NO3-N MG/L	FLUORIDE F,TOT MG/L	CHROMIUM CR,TOT UG/L	COPPER CU,TOT UG/L
			REPORTING CODE	REPORTING CODE	REPORTING CODE	REPORTING CODE	REPORTING CODE	REPORTING CODE	REPORTING CODE	REPORTING CODE	REPORTING CODE	REPORTING CODE
			00400.1	00402	50050	00530	32730	00610	00620	00951	01034	01042
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31												
TOTAL												
AVG.												
MAX.												
MIN.												

ADDITIONAL REMARKS (AH REPORTING CODES MUST BE EXPLAINED IN THIS SECTION)

AH - FACILITY TAKEN OUT OF SERVICE 4/4/90, DUE TO CONSTRUCTION ACTIVITIES.

AS OF 7/9/90, THE ANALYTICALLABORATORY ESTABLISHED STANDARDIZED LABORATORY DETECTION LIMITS TO REPLACE INSTRUMENT DETECTION LIMITS, FOR THE NPDES ANALYTES.

[redacted]

DISTRIBUTION
WHITE - AGENCY
RED - AGENCY
GREEN - REPORTER
FORM NO. EPA-4500 (2-90)
FORMERLY EPA-SUR-1

I CERTIFY UNDER THE PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED AND BASED ON MY INQUIRY THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION, I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE AND COMPLETE. AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT.

DATE REPORT COMPLETED	SIGNATURE OF REPORTER	TITLE OF REPORTER
		DOE FMPC SITE MANAGER

[redacted] 1410

9002 M 9501 900212

MONTHLY REPORT FORM

OhioEPA

NAME, ADDRESS, CITY, COUNTY, ZIP	STATION CODE	DATE (MONTH, YEAR)	PAGE OF	PRINTING DATE	APPLICATION N
U.S. DEPARTMENT OF ENERGY	1I300004605	JUL 1990	2 2	04/21/90	OH00095

FEED MATERIALS PROD. CENTER
P.O. BOX 398705
FERNALD 45239 HAMILTON

SAMPLING STATION DESCRIPTION [redacted]
605 EFFLUENT FROM FIDDENTRIFICATION DISC VOA 175

NOTE: THIS FORM MUST BE TYPE

IN(1) - ENTER 1 FOR CONTINUOUS, 2 FOR COMPOSITE, 3 FOR GRAB SAMPLE
IN(2) - ENTER FREQUENCY OF SAMPLING

REPORTING LAB

ANALYST

AND CODE NO. AT RIGHT (1)										
(2)										
	NICKEL NI,TOT UG/L	CHROMI HEX-DS UG/L								
DAY	REPORTING CODE 01067	REPORTING CODE 01220	REPORTING CODE	REPORTING CODE	REPORTING CODE	REPORTING CODE	REPORTING CODE	REPORTING CODE	REPORTING CODE	REPORTING CO
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TOTAL										
AVG.										
MAX.										
MIN.										

ADDITIONAL REMARKS (AH REPORTING CODES MUST BE EXPLAINED IN THIS SECTION)

AH - FACILITY TAKEN OUT OF SERVICE 4/4/90, DUE TO CONSTRUCTION ACTIVITIES [redacted]

AS OF 7/7/90, THE ANALYTICAL LABORATORY ESTABLISHED STANDARDIZED LABORATORY DETECTION LIMITS TO REPLACE INSTRUMENT DETECTION LIMITS FOR THE NPDES ANALYTES.

DISTRIBUTION
WHITE - AGENCY
RED - AGENCY
GREEN - REPORTER
FORM NO. EPA-4500 (2-90)

I CERTIFY UNDER THE PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED AND BASED ON MY INQUIRY THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION, I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE AND COMPLETE. I AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT.

DATE REPORT COMPLETED	SIGNATURE OF REPORTER	TITLE OF REPORTER
		DOE FMPC SITE MANAGER

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