

5459

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

04/14/89

**DOE-925-89
DOE-FMPC/OEPA
9
REPORT**



Department of Energy

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

5459

April 14, 1989
DOE-925-89

Technical Records
Ohio Environmental Protection Agency
1800 Watermark Drive
P.O. Box 1049
Columbus, OH 43216

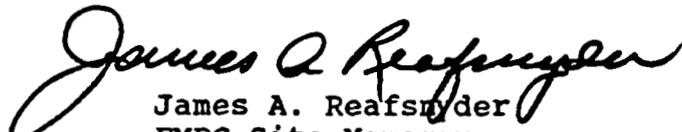
Gentlemen:

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

Enclosed are the completed Ohio Environmental Protection Agency (OEPA) NPDES forms for the Feed Materials Production Center, Permit No. OH0009580, for March 1989.

If you have any questions or comments regarding this matter, please contact Mary Stone, of my staff, at (513) 738-6656.

Sincerely,


James A. Reafsnider
FMPC Site Manager

DP-84:Stone

Enclosures:
OEPA NPDES Forms

cc w/encl.:
B. L. Queener, SE-31, ORO

cc w/o encl.:
L. Sparks, SE-31, ORO
H. D. Christiansen, WMCO
M. J. Galper, WMCO
S. J. Clement, WMCO

000001

bcc w/encl.:

Greg Fess, GC-21, FORSTL
Ray P. Berube, EH-24, FORSTL
Thomas B. Hindman, DP-12, GTN
Charles G. Halsted, DP-13, GTN
James L. Foutch, CC-10, ORO
Catherine McCord, USEPA-5
Robert Cohen, GeoTrans
Alan Van Norman, CRA
J. Steven Rogers, Dpt. of Justice
Bill Hawkins, Frost & Jacobs
Bob Weidner, NLO
Bob Conner, WMCO

bcc w/o encl.:

W. R. Bibb, DP-80, ORO
R. L. Egli, SE-31, ORO
D. B. Howard, SE-33, ORO

MONTHLY REPORT FORM

REPORTED



NAME, ADDRESS, CITY, COUNTY, ZIP

STATION CODE
11000004601

DATE (MONTH, YEAR)
MAR 1989

PAGE 1 OF 1

PRINTING DATE APPLICATION NO.
05/31/86 OH0009589

**U.S. DEPARTMENT OF ENERGY
FEED MATERIALS PROD. CENTER
WILLEY RD , P O BOX 39158
FERNALD 45239
HAMILTON**

SAMPLING STATION DESCRIPTION
601 (001A) SANITARY T.P.

5459

NOTE: THIS FORM MUST BE TYPE

IN(1) - ENTER 1 FOR CONTINUOUS, 2 FOR COMPOSITE, 3 FOR GRAB SAMPLE		REPORTING LAB				ANALYST				
IN(2) - ENTER FREQUENCY OF SAMPLING		2	3	1	999					
(1)	1	1	6	1	999					
(2)	BOD	PH	RESIDU	FEC CO	CONDUI					
	5 DAY	S.U.	T. NFL	MF-FCB	FLOW					
	MG/L		MG/L	#/100M	MGD					
	REPORTING CODE									
DAY	00310	00400	00530	31616	50050					
01	4	8.0	6	100	.239					
02		8.0			.270					
03		8.1			.322					
04		8.1			.282					
05		8.1			.261					
06		8.4			.299					
07		7.7			.192					
08	3	7.9	3	40	.125					
09		7.9			.260					
10		8.1			.227					
11		8.0			.278					
12		8.0			.295					
13		8.1			.250					
14		8.0			.289					
15	4	8.0	5	290	.332					
16		8.0			.258					
17		8.0			.256					
18		8.3			.225					
19		8.4			.219					
20		8.5			.195					
21		8.2			.337					
22	5	8.2	13	370	.277					
23		8.2			.279					
24		8.0			.263					
25		8.2			.225					
26		8.3			.220					
27		8.3			.218					
28		8.3			.238					
29	6	8.1	4	100	.251					
30		8.2			.353					
31		8.3			.316					
TOTAL	22	251.9	31	900	8.051					
AVG.	4	8.1	6	370	.260					
MAX.	6	8.5	13	370	.353					
MIN.	3	7.7	3	40	.125					

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

000003

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 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 APR 1989	SIGNATURE OF REPORTER <i>James A. Beckwith</i>	TITLE OF REPORTER DOE FMPC SITE MANAGER
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MONTHLY REPORT FORM

REPORTED

NAME, ADDRESS, CITY, COUNTY, ZIP

STATION CODE 1000004001

DATE (MONTH, YEAR) MAR 1989

PAGE 1 OF 1 PRINTING DATE 05/31/86 APPLICATION NO. OH0009580

U.S. DEPARTMENT OF ENERGY
FEED MATERIALS PROD. CENTER
WILLEY RD , P O BOX 39158
FERNALD 45239
HAMILTON

SAMPLING STATION DESCRIPTION 001 TOTAL DISCHARGE

5459

NOTE: THIS FORM MUST BE TYPE

Table with columns for IN(1) - ENTER 1 FOR CONTINUOUS, 2 FOR COMPOSITE, 3 FOR GRAB SAMPLE; IN(2) - ENTER FREQUENCY OF SAMPLING; REPORTING LAB; ANALYST; and data rows for various parameters like PH, S.U., RESIDU, T. NFL, O&G, CONDUI, CHLORI, AMMONI, NITRAT, etc.

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

AH-3 - Blow meter out-of-service. All flows are estimated. They are the sum of 000004 contributing flows.
AH-4 - The automatic sampler is out-of-service. All results are based on a six (6) grab composite sample.

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

DATE REPORT COMPLETED 07 APR 1989

SIGNATURE OF REPORTER [Signature]

TITLE OF REPORTER DOE FMPC SITE MANAGER

MONTHLY REPORT FORM

REPORTED

NAME, ADDRESS, CITY, COUNTY, ZIP

STATION CODE
100004803

DATE (MONTH, YEAR)
MAR 1989

PAGE 1 OF 1 PRINTING DATE 05/31/86 APPLICATION NO. OH0009580

U.S. DEPARTMENT OF ENERGY
FEED MATERIALS PROD. CENTER
WILLEY RD , P O BOX 39158
FERNALD 45239
HAMILTON

SAMPLING STATION DESCRIPTION
603 (001C) CLEARWELL

5459

NOTE: THIS FORM MUST BE TYPED

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)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
	998	998	998	998	998	998	999			
	RESIDU	CHROME	CHROME	COPPER	IRON	NICKEL	CONDUIT			
	T. NFL	CR HEX	CR TOT	CU TOT	FE TOT	NI TOT	FLOW			
	MG/L	UG/L	UG/L	UG/L	UG/L	UG/L	MGD			
	REPORTING CODE									
	00530	01032	01034	01042	01045	01067	50050			
01										
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-6	AH-6	AH-6	AH-6	AH-6	AH-6	.273			
TOTAL							.273			
AVG.							.273			
MAX.							.273			
MIN.							.273			

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

AH-6 NPDES SAMPLING NOT SCHEDULED. SUPERVISORY OVERSIGHT.

000005

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 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 14 APR 1989	SIGNATURE OF REPORTER <i>[Signature]</i>	TITLE OF REPORTER DOE FMPC SITE MANAGER
--------------------------------------	---	--

MONTHLY REPORT FORM

REPORTED



NAME, ADDRESS, CITY, COUNTY, ZIP

STATION CODE
11000004002

DATE (MONTH YEAR)
MAR 1989

PAGE 1 OF 1 PRINTING DATE 05/31/86 APPLIC OH000

U.S. DEPARTMENT OF ENERGY
FEED MATERIALS PROD. CENTER
WILLEY RD , P O BOX 39158
FERNALD 45239
HAMILTON

SAMPLING STATION DESCRIPTION
002 DISCHARGE PRIOR TO DITCH TO PADDY
5459

NOTE: THIS FORM M

IN(1) - ENTER 1 FOR CONTINUOUS, 2 FOR COMPOSITE, 3 FOR GRAB SAMPLE					REPORTING LAB			ANALYST		
IN(2) - ENTER FREQUENCY OF SAMPLING										
ENTER ANALYSES PERFORMED AND CODE NO. AT RIGHT	(1)	2	2	2						
	(2)	PH	RESIDU	O&G	CONDUI					
	S.U.	T. NFL	TOTAL	FLOW						
	MG/L	MG/L	MG/L	MGD						
DAY	REPORTING CODE									
01	00400	00530	00550	50050						
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	7.9	50	11.2	.016						
TOTAL	7.9	50	11.2	.016						
AVG.	7.9	50	11.2	.016						
MAX.	7.9	50	11.2	.016						
MIN.	7.9	50	11.2	.016						

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

000006

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 INC. THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION, I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE AND COM. AN AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT.

DATE REPORT COMPLETED 14 APR 1989	SIGNATURE OF REPORTER <i>[Signature]</i>	TITLE OF REPORTER DOE FMPC SITE MANAG
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MONTHLY REPORT FORM

REPORTED

5459

OhioEPA

NAME, ADDRESS, CITY, COUNTY, ZIP

STATION CODE
11000004605

DATE (MONTH YEAR)
MAR 1989

PAGE
1 OF 1

PRINTING DATE APPLICATION NO
05/31/86 OH0009580

**U.S. DEPARTMENT OF ENERGY
FEED MATERIALS PROD. CENTER
WILLEY RD , P O BOX 39158
FERNALD 45239
HAMILTON**

SAMPLING STATION DESCRIPTION
605 (001E) BICREACTOR

NOTE: THIS FORM MUST BE TYPE

IN(1) - ENTER 1 FOR CONTINUOUS, 2 FOR COMPOSITE, 3 FOR GRAB SAMPLE				REPORTING LAB				ANALYST			
IN(2) - ENTER FREQUENCY OF SAMPLING											
AND CODE NO. AT RIGHT	(1)	(2)	(1)	REPORTING CODE							
DAY	AMMONI NH3-N MG/L	NITRAT NO3-N MG/L	CONDUI FLOW MGD								
	00610	00620	50050								
01	1.31	.2	.065								
02			.169								
03			.173								
04			.173								
05			.173								
06			.173								
07			.086								
08			.014								
09	3.05	41.0	.086								
10			.086								
11			.173								
12			.173								
13			.173								
14			.158								
15			.173								
16			.148								
17	.58	.3	.115								
18			.115								
19			.115								
20	.62	.1	.115								
21			.115								
22			.115								
23			.115								
24			.158								
25			.158								
26			.158								
27			.158								
28	.85	18.0	.158								
29			.158								
30			.158								
31			.158								
TOTAL	6.41	59.6	4.265								
AVG.	1.28	11.9	.138								
MAX.	3.05	41.0	.173								
MIN.	.58	.1	.014								

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

000067

**DISTRIBUTION
WHITE - AGENCY
YELLOW - AGENCY
GREEN - REPORTER**

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 APR 1989	SIGNATURE OF REPORTER <i>[Signature]</i>	TITLE OF REPORTER DOE FMPC SITE MANAGER
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FORM NO. EPA-4500 (8-86)
FORMERLY EPA-SUR-1

MONTHLY REPORT FORM

REPORTED

5450



NAME, ADDRESS, CITY, COUNTY, ZIP

STATION CODE
1100004804

DATE (MONTH/YEAR)
MAR 1989

PAGE OF PRINTING DATE APPLICATION NO
1 OF 1 05/31/86 OH0009580

**U.S. DEPARTMENT OF ENERGY
FEED MATERIALS PROD. CENTER
WILLEY RD , P O BOX 39158
FERNALD 45239
HAMILTON**

SAMPLING STATION DESCRIPTION
604 (6019) STORM SEWER LIFT STATION

NOTE: THIS FORM MUST BE TYPE

IN(1) - ENTER 1 FOR CONTINUOUS, 2 FOR COMPOSITE, 3 FOR GRAB SAMPLE				REPORTING LAB				ANALYST	
IN(2) - ENTER FREQUENCY OF SAMPLING									
DAY	RESIDU T. NFL MG/L REPORTING CODE	O&G TOTAL MG/L REPORTING CODE	CONDUI FLOW MGD REPORTING CODE	REPORTING CODE					
	1	1	999						
	00530	00550	50050						
01									
02			.196						
03			.194						
04			.163						
05			.315						
06			.562						
07			.322						
08			.360						
09	81	AA	.452						
10			.441						
11			.315						
12			.260						
13			.200						
14			.181						
15			.261						
16			.213						
17	3	AA	.163						
18			.169						
19			.158						
20	23	AA	.202						
21			.692						
22			.305						
23			.202						
24			.170						
25			.145						
26			.129						
27			.135						
28	7	AA	.155						
29			.299						
30			.680						
31			.409						
TOTAL	114	AA	8.448						
AVG.	28	AA	.282						
MAX.	81	AA	.692						
MIN.	3	AA	.129						

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

000008

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 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 APR 1989	SIGNATURE OF REPORTER <i>James O. Res...</i>	TITLE OF REPORTER DOE FMPC SITE MANAGER
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MONTHLY REPORT FORM

REPORTED

5459

OhioEPA

NAME, ADDRESS, CITY, COUNTY, ZIP

STATION CODE
11000004602

DATE (MONTH, YEAR)
MAR 1989

PAGE 1 OF 1

PRINTING DATE APPLICATION NO
05/31/86 OH000958

U.S. DEPARTMENT OF ENERGY
FEED MATERIALS PROD. CENTER
WILLEY RD , P O BOX 39158
FERNALD 45239
HAMILTON

SAMPLING STATION DESCRIPTION
602 (001B) GENERAL SUMP

NOTE: THIS FORM MUST BE

IN(1) - ENTER 1 FOR CONTINUOUS, 2 FOR COMPOSITE, 3 FOR GRAB SAMPLE		REPORTING LAB					ANALYST				
IN(2) - ENTER FREQUENCY OF SAMPLING		3	3	3	3	1					
ENTER ANALYSES PERFORMED AND CODE NO. AT RIGHT	(1)	1	1	1	1	999					
	(2)	RESIDU T. NFL MG/L REPORTING CODE	CHROME CR HEX UG/L REPORTING CODE	CHROME CR TOT UG/L REPORTING CODE	COPPER CU TOT UG/L REPORTING CODE	IRON FE TOT UG/L REPORTING CODE	NICKEL NI TOT UG/L REPORTING CODE	CONDUIT FLOW MGD REPORTING CODE	REPORTING CODE	REPORTING CODE	REPORTING CC
DAY		00530	01032	01034	01042	01045	01067	50050			
01											
02								.069			
03								.118			
04								.078			
05								.078			
06								.078			
07								.040			
08								.038			
09		AA	AA	AA	AA	44.00	AA	.038			
10								.064			
11								.064			
12								.033			
13								.031			
14								.040			
15								.076			
16								.122			
17		AA	AA	AA	AA	21.00	AA	.076			
18								.078			
19								.038			
20		2	AA	AA	AA	AA	AA	.114			
21								.078			
22								.078			
23								.040			
24								.038			
25								.033			
26								.038			
27											
28		AA	1	AA	AA	49.00	AA	.040			
29								.080			
30								.040			
31								.150			
TOTAL	2	1	AA	AA	114.00	AA	1.888				
AVG.	AA	AA	AA	AA	38.00	AA	.065				
MAX.	2	1	AA	AA	49.00	AA	.150				
MIN.	2	1	AA	AA	21.00	AA	.031				

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

000009

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 INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION, I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE AND COMPLETE AND AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT.

DATE REPORT COMPLETED 07 APR 1989	SIGNATURE OF REPORTER <i>[Signature]</i>	TITLE OF REPORTER DOE FMPC SITE MANAGER
--------------------------------------	---	--