

5910

G-000-103 .80

OHIO EPA NPDES REPORT - FMPC - JANUARY 1989

02/13/89

WMCO:OSH:89-094
WMCO DOE-FN
10
REPORT



5910

Westinghouse
Materials Company
of Ohio

PO Box 398704
Cincinnati, Ohio 45239-8704
(513) 738 6200

WMC0:OSH:89-094

February 13, 1989

Mr. James A. Reafsnyder
Site Manager
U.S. Department of Energy
P.O. Box 398705
Cincinnati, Ohio 45239-8705

Dear Mr. Reafsnyder:

OHIO EPA NPDES REPORT - FMPC - JANUARY, 1989

Attached are the completed Ohio EPA NPDES Report Forms for the month of January, 1989. This report is being submitted to you for your review, signature, and transmittal to the Ohio EPA by February 15, 1989. After signing each report, remove the last page and retain for your records. The first two pages of each report are to be sent to: Technical Records Section, Ohio EPA, P.O. Box 1049, Columbus, OH 43216.

Discussions with your secretary indicated that she has a copy of the monthly transmittal form letter used to transmit this information to OEPA on computer diskette. Therefore, Westinghouse is not providing a copy of a transmittal letter to OEPA with this letter.

Very truly yours,

H. D. Christiansen, Manager
Operations Safety and Health

JRM:tjc

Attachment

c: B. L. Queener, DOE/ORO

000001

James A. Reafsnyder

-2-

WMCO:OSH:89-094

bc: A. K. Benear
S. W. Belak
S. L. Bradley
W. H. Britton
L. Clausing
S. J. Clement
P. J. Dolan
M. J. Galper - w/o attach.
J. R. McDonald
P. E. Mohr
L. Pennington
M. L. Russell
W. F. Weisman

Central Files
AW Files

MONTHLY REPORT FORM

REPORTED

5910 OhioE

NAME, ADDRESS, CITY, COUNTY, ZIP

STATION CODE
1000004001

DATE (MONTH YEAR)
JAN 1989

1 PAGE OF 1 PRINTING DATE 05/31/86

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

SAMPLING STATION DESCRIPTION
001 TOTAL DISCHARGE

NOTE: THIS FORM MUST

IN(1) - ENTER 1 FOR CONTINUOUS, 2 FOR COMPOSITE, 3 FOR GRAB SAMPLE		REPORTING LAB						ANALYST		
IN(2) - ENTER FREQUENCY OF SAMPLING		3	1	3	2	2				
(1)	1	998	1	999	1	998	998			
(2)	PH	RESIDU	O&G	CONDUIT	CHLOR	AMMONI	NITRAT			
	S.U.	T. NFL	TOTAL	FLOW	TOT RE	NH3-N	NO3-N			
	REPORTING CODE	MG/L	MG/L	MGD	MG/L	MG/L	MG/L	REPORTING CODE	REPORTING CODE	
DAY	00400	AH-4	00550	AH-3	50060	AH-4	AH-4			
	00400	00530	00550	50050	50060	00610	00620			
01	7.8			.630						
02	7.9			.671						
03	8.0			.549						
04	7.9			.599						
05	8.0	12	AA	.714	AA	.12	12.0			
06	7.8			1.069						
07	7.7			.963						
08	8.0			.913						
09	7.9			.738						
10	8.1			.707						
11	8.1			.715						
12	8.1			1.054						
13	8.1	127	AA	.927	AA	.18	35.0			
14	8.1			.635						
15	8.2			1.013						
16	8.1	13	AA	.791	AA	.02	41.0			
17	8.0			.674						
18	8.0			.676						
19	8.0			.606						
20	8.0			.662						
21	8.0			.631						
22	8.0			.609						
23	8.1			.585						
24	8.0	7	AA	.613	AA	.12	3.0			
25	7.9			.583						
26	8.1			.628						
27	8.1			.671						
28	8.0			.691						
29	8.2			.630						
30	8.2			.531						
31	8.1			.553						
TOTAL	248.5	159	AA	22.031	AA	.44	91.0			
AVG.	8.0	40	AA	.711	AA	.11	22.7			
MAX.	8.2	127	AA	1.069	AA	.18	41.0			
MIN.	7.7	7	AA	.531	AA	.02	3.0			

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

AH-3 Flow meter out-of-service. All flows are estimated. They are the sum of the 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

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 FEB 1989	SIGNATURE OF REPORTER <i>[Signature]</i>	TITLE OF REPORTER DOE FMPC SITE MANAGER
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MONTHLY REPORT FORM

REPORTED

5910 OhioE

NAME, ADDRESS, CITY, COUNTY, ZIP

STATION CODE
11000004601

DATE (MONTH, YEAR)
JAN 1989

PAGE 1 OF 1 PRINTING DATE 05/31/86 APPLICA OH0009

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

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

NOTE: THIS FORM MUST

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							
AND CODE NO. AT RIGHT	(1)	1	6	1	999						
	(2)	BOD 5 DAY MG/L REPORTING CODE	PH S.U. REPORTING CODE	RESIDU T. NFL MG/L REPORTING CODE	FEC CO MF-FCB #/100M REPORTING CODE	CONDUI FLOW MGD REPORTING CODE	REPORTING CODE				
DAY		00310	00400	00530	31616	50050					
01			7.9			.210					
02			8.2			.259					
03			8.3			.235					
04	2		8.2	1		.255					
05			8.2		208	.279					
06			8.1			.303					
07			7.6			.306					
08			7.7			.296					
09			7.8			.252					
10			7.6			.269					
11	2		7.8	1		.281					
12			7.6		16	.284					
13			7.6			.243					
14			7.8			.237					
15			7.8			.239					
16			7.8			.238					
17			7.6			.228					
18	3		7.5	2		.254					
19			8.0		6	.241					
20			7.9			.216					
21			7.8			.197					
22			8.0			.190					
23			8.1			.168					
24			7.9			.225					
25	1		7.6	3		.160					
26			8.0		63	.247					
27			7.5			.250					
28			8.2			.289					
29			8.3			.245					
30			8.2			.137					
31			8.1			.136					
TOTAL		8	244.7	7	293	7.369					
AVG.		2	7.9	2	73	.238					
MAX.		3	8.3	3	208	.306					
MIN.		1	7.5	1	6	.136					

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

DISTRIBUTION
WHITE - AGENCY
YELLOW - AGENCY
GREEN - REPORTER
FORM NO. EPA-4500 (8-85)
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 08 FEB 1989	SIGNATURE OF REPORTER <i>JRMEP</i>	TITLE OF REPORTER DOE EMPC SITE MANAGER
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000004

MONTHLY REPORT FORM

REPORTED

5910

Ohio

NAME, ADDRESS, CITY, COUNTY, ZIP

11800004082

DATE (MONTH YEAR)

1 PAGE PRINTING DATE 05/31/86

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

602 AMPLING LOCATION DESIGNATION GENERAL SUMP

NOTE: THIS FORM MUST

IN(1) - ENTER 1 FOR CONTINUOUS, 2 FOR COMPOSITE, 3 FOR GRAB SAMPLE				REPORTING LAB			ANALYST			
IN(2) - ENTER FREQUENCY OF SAMPLING										
(1)	1	1	1	1	3	1	999			
(2)	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									
DAY	00530	01032	01034	01042	01045	01067	50050			
01							.780			
02							.780			
03							.760			
04							1.160			
05	AA	AA	AA	4	155.00	166	.780			
06							1.140			
07							.800			
08							.380			
09							.400			
10							.380			
11							.800			
12							.800			
13	AA	AA	AA	3	15.00	22	.780			
14							.400			
15							.380			
16	3	AA	AA	2	25.00	4	.400			
17							.380			
18							.380			
19										
20							.760			
21							.730			
22							.400			
23							.400			
24	AA	AA	AA	3	15.00	6	.400			
25							.780			
26							.400			
27							.380			
28							.380			
29							.380			
30							.380			
31							.380			
TOTAL	3	AA	AA	12	210.00	198	17.450			
AVG.	3	AA	AA	3	52.50	49	.582			
MAX.	3	AA	AA	4	155.00	166	1.160			
MIN.	4	AA	AA	2	15.00	4	.380			

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

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 08 FEB 1989	SIGNATURE OF REPORTER <i>JRM/DA</i>	TITLE OF REPORTER DOE FMPC SITE MANAGER
--------------------------------------	--	--

000005

MONTHLY REPORT FORM

REPORTED

5910



NAME, ADDRESS, CITY, COUNTY, ZIP

11870004603

DATE (MONTH/YEAR)

1 PAGE OF PRINTING DATE 05/31/86

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

609 SAMPLING LOCATION DESCRIBED CLEARWELL

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				2	2	1				
(1)	998	998	998	998	998	998	999			
(2)	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									
DAY	00530	01032	01034	01042	01045	01067	50050			
01	AH-1									
02										
03										
04										
05										
06										
07										
08										
09										
10										
11										
12										
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20										
21										
22										
23										
24										
25										
26										
27										
28										
29										
30										
31										
TOTAL										
AVG.										
MAX.										
MIN.										

ADDITIONAL REMARKS (AH REPORTING CODES MUST BE EXPLAINED IN THIS SECTION)
 AH-1 NO WATER PUMPED FROM CLEARWELL

DISTRIBUTION
 WHITE - AGENCY
 ELLOW - AGENCY
 REEN - REPORTER
 RM NO. EPA-4500 (8-86)

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: 08 FEB 1989
 SIGNATURE OF REPORTER: [Signature]
 TITLE OF REPORTER: DOE FMPC SITE MANAGER

NTHLY REPORT FORM

REPORTED

5910 OhioE

NAME, ADDRESS, CITY, COUNTY, ZIP

STATION CODE
11800004864

DATE (MONTH/YEAR)
JAN 1989

PAGE 1 OF 1 PRINTING DATE 05/31/86 APPLICATION NO. OH000951

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

SAMPLING STATION DESCRIPTION
604 (001D) STORM SEWER LIFT STATION

NOTE: THIS FORM MUST BE

(1) - ENTER 1 FOR CONTINUOUS, 2 FOR COMPOSITE, 3 FOR GRAB SAMPLE				REPORTING LAB				ANALYST		
(2) - ENTER FREQUENCY OF SAMPLING										
(1)	(2)	RESIDU T. NFL MG/L REPORTING CODE	O&G TOTAL MG/L REPORTING CODE	CONDUI FLOW MGD REPORTING CODE	REPORTING CODE					
1	1	00530	00550	999 50050						
01				.302						
02				.297						
03				.198						
04				.188						
05	AA		AA	.141						
06				.436						
07				.361						
08				.363						
09				.230						
10				.184						
11				.138						
12				.474						
13	2		AA	.390						
14				.142						
15				.520						
16	110		5.6	.297						
17				.192						
18				.168						
19				.149						
20				.154						
21				.145						
22				.163						
23				.161						
24	AA		AA	.132						
25				.129						
26				.125						
27				.167						
28				.148						
29				.131						
30				.140						
31				.163						
TOTAL		112	5.6	6.928						
AVG.		28	5.6	.223						
MAX.		110	5.6	.520						
MIN.		AA	AA	.125						

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

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 08 FEB 1989	SIGNATURE OF REPORTER <i>[Signature]</i>	TITLE OF REPORTER DOE FMPC SITE MANAGER
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MONTHLY REPORT FORM

REPORTED

5910 Ohio

NAME, ADDRESS CITY, COUNTY, ZIP

STATION CODE 11000004865

DATE (MONTH, YEAR) JAN 1989

PAGE 1 OF 1 PRINTING DATE 05/31/86

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 FILED WITH THE REPORT

IN(1) - ENTER 1 FOR CONTINUOUS, 2 FOR COMPOSITE, 3 FOR GRAB SAMPLE				REPORTING LAB				ANALYST			
IN(2) - ENTER FREQUENCY OF SAMPLING 1											
DAY	(1) 1	1	999								
	AMMONI	NITRAT	CONDUI								
	NH3-N	NO3-N	FLOW								
	MG/L	MG/L	MGD								
	REPORTING CODE										
	00610	00620	50050								
01			.144								
02			.144								
03			.144								
04			.144								
05	4.69	18.0	.144								
06			.144								
07			.144								
08			.144								
09			.144								
10			.144								
11			.144								
12			.144								
13	.87	182.0	.118								
14			.115								
15			.115								
16	.08	AA	.115								
17			.115								
18			.115								
19			.115								
20			.115								
21			.066								
22			.115								
23			.115								
24	.06	AA	.115								
25			.067								
26			.138								
27			.144								
28			.144								
29			.140								
30			.075								
31			.028								
TOTAL	5.70	200.0	3.798								
AVG.	1.42	50.0	.123								
MAX.	4.69	182.0	.144								
MIN.	.06	AA	.028								

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

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 C
 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 08 FEB 1989	SIGNATURE OF REPORTER <i>[Signature]</i>	TITLE OF REPORTER DOE FMPC SITE MANAGER	000008
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MONTHLY REPORT FORM

REPORTED

5910 OhioE

NAME, ADDRESS, CITY, COUNTY, ZIP

STATION CODE
11800004062

DATE (MONTH, YEAR)
JAN 1989

PAGE 1 OF 1 PRINTING DATE 05/31/86 APPLICATION NO. OH00095

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

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										
(1)	24	24	24	24						
(2)	PH	RESIDU	O&G	CONDUIT						
	S.U.	T. NFL	TOTAL	FLOW						
	REPORTING CODE									
DAY	00400	00530	00550	50050						
	AH-2									
01										
02										
03										
04										
05										
06										
07										
08										
09										
10										
11										
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20										
21										
22										
23										
24										
25										
26										
27										
28										
29										
30										
31										
TOTAL										
AVG.										
MAX.										
MIN.										

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

AH-2 NO WATER OVERFLOWED FROM STORMWATER RETENTION BASIN

DISTRIBUTION
WHITE - AGENCY
YELLOW - AGENCY
GREEN - REPORTER
EPA 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 08 FEB 1989	SIGNATURE OF REPORTER <i>[Signature]</i>	TITLE OF REPORTER DOE FMPC 060009 SITE MANAGER
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