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Fernald Environmental

FERMCO

Restoration Management Corporation

(now renamed Fluor Daniel Fernald)

P. O. Box 538704 Cincinnati, Ohio 45253-8704 (513) 648-3000

May 5, 1997

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Fernald Environmental Management Project
Letter No. C:SWP(ARP):97-0020

Ohio Environmental Protection Agency
Division of Surface Water
CM&E - Permit Comp. Unit
P.O. Box 1049
Columbus, Ohio 43266-1049

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Gentlemen:

AMENDED MARCH 1997 DISCHARGE MONITORING REPORT - FERNALD ENVIRONMENTAL MANAGEMENT PROJECT - NPDES PERMIT NO. 1IO00004*ED

Enclosed is an amended Discharge Monitoring Report Form for Outfall 4601, "Sewage Treatment Plant". The amended form contains corrected flow data (data code 50050) for March 8 through March 31. A problem with the ultrasonic level indicator used in the primary measuring device (weir) caused a constant signal to be sent to the integrator resulting in a constant readout despite actual flow variations. A secondary flow measurement devise (in-line magnetic meter) at the STP was used to determine the primary devise was measuring incorrectly. This secondary flow measurement devise is the basis for the corrected flows for this time period. The primary devise has been repaired and is functioning properly.

If you have any questions regarding this matter, please contact Mr. Frank Johnston at 513-648-5294.

Sincerely,

David J. Brettschneider, Project Manager
Aquifer Restoration Project

DJB:FLJ:dsm
Enclosure

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Fernald Environmental
FERMCO
Restoration Management Corporation
(now renamed Fluor Daniel Fernald)

c: **D. J. Abbott, FDF, MS52-2**
S. M. Beckman, FDF, MS52-3
D. J. Carr, FDF, MS9
K. A. Chaney, EM-423,QO
L. C. Goidell, FDF, MS65-2
E. H. Henry, FDF, MS52-5
J. D. Kappa, DOE-FEMP, MS45
M. M. Landrum, FDF, MS52-5
C. C. Little, FDF, MS2
C. G. Siefert, FDF, MS52-5
E. P. Skintik, DOE-FEMP, MS45
T. J. Walsh, FDF, MS65-2
AR Coordinator, MS78
EDC File No. 52700

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HLY REPORT FORM

U.S. DEPARTMENT OF ENERGY 1I000004601 MAR 1997 1 1 03/24/90 OH[illegible]

Fernald Environmental
Management Project
P.O. Box 538704
Cincinnati, OH 45253-8704

4601 SEWAGE TREATMENT PLANT EFFLUENT
Hamilton

FORM

	1	3	2	2	2	3
	999	1	998	998	998	1
	CONDUI FLOW MGD	pH S.U.	C-BOD 5 DAY MG/L	TOT.SUSP SOLIDS MG/L	AMMONI NH3-N MG/L	FEC CO MF-FCB #/100ML
	50050	00400	80082	00530	00610	31616
1	0.190	6.8				
2	0.201	6.9				
3	0.211	7.1	2.4	8.4	1.23	
4	0.167	6.8				
5	0.110	6.8	AA	2.4		
6	0.082	7.5				
7	0.080	7.5				
8	0.040	7.4				
9	0.050	7.4				
0	0.135	7.4	AA	2.4		
1	0.098	7.4				
2	0.074	7.5	AA	6.0		
3	0.079	7.5				
4	0.129	7.6				
5	0.067	7.5				
6	0.047	7.6				
7	0.077	7.7	AA	2.4		
8	0.088	7.5				
9	0.089	7.6	AA	AA	0.16	
0	0.080	7.4				
1	0.100	7.4				
2	0.038	7.5				
3	0.040	7.6				
4	0.072	7.7	AA	4.4		
5	0.072	7.6				
6	0.092	7.5	AA	4.8		
7	0.087	7.5				
8	0.037	7.4				
9	0.070	7.6				
0	0.036	7.6				
1	0.085	7.8	AA	AA		
	2.823	N/A	18.4	34.8	1.39	
	0.091	N/A	2.1	4.3	0.91	
	0.211	7.8	2.4	8.4	1.23	
	0.036	6.8	AA	AA	0.16	

AA: 00530 - 2.0 mg/l; 00610 - 0.10 mg/l; 31616 - 20 colonies/100ml.
AA: 80082 - 2.0 mg/l.

REPORTER 5/5/97 [signature] Wastewater Mgr. FE[illegible]

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