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**FUEL USAGE REPORT - FOURTH QUARTER, CALENDAR YEAR 1996  
- FERNALD ENVIRONMENTAL MANAGEMNT PROJECT (FEMP),  
PERMIT NO. 1431110128, B007, B008, AND B009**

01/24/97

**C:FCDP(PSI):97-0009  
FDF HAMILTON COUNTY  
7  
REPORT**



Restoration Management Corporation

(now renamed Fluor Daniel Fernald)

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

January 24, 1997

Fernald Environmental Management Project  
Letter No. C:FCDP(PSI):97-0009

Mr. Peter J. Sturdevant, Compliance Specialist  
Air Quality Management  
Hamilton County Department of Environmental Services  
1632 Central Parkway  
Cincinnati, Ohio 45210

Dear Mr. Sturdevant:

**FUEL USAGE REPORT - FOURTH QUARTER, CALENDAR YEAR 1996 - FERNALD ENVIRONMENTAL MANAGEMENT PROJECT (FEMP), PERMIT NO. 1431110128, B007, B008, AND B009**

Enclosed is the Fuel Usage Report for the Fourth Quarter of Calendar Year 1996, for Boiler Nos. 7, 8 and 9 which is located at the FEMP. This report is submitted in accordance with the special conditions of the Ohio Environmental Protection Agency Permits to Operate Nos. 1431110128, 14-3863 issued on September 27, 1995. The boilers did operate during the reporting period.

During the reporting period, B007 used 4.388 MMCF gas, B008 used 9.611 MMCF gas, and B009 used 9.355 MMCF of gas. There were four Diesel Fuel deliveries and 5897 gals. of fuel oil usage during the quarter. The year to date total is 6727 gallons burned.

If you have any questions concerning this report, please contact Ervin Fisher of my staff at (513)-648-5293.

Sincerely,

Lewis C. Goidell  
Manager, Environmental Compliance  
Project Support and Integration

LCG:EF:mhv  
Enclosure

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Mr. Peter J. Sturdevant  
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c: With Enclosure

E. Fisher, FDF, MS60  
W. J. Naber, FDF, MS66  
E. P. Skintik, DOE-FEMP, MS45  
T. J. Walsh, FDF, MS65-2  
AR Coordinator, MS78  
PSI(EC) Files  
File Record Storage Copy 108.6

Without Enclosure

S. L. Blankenship, FDF, MS60  
R. M. Nichols, FDF, 44  
M. W. Page, FDF, MS44  
P. B. Spotts, FDF, MS65-2

REPORT OF DIESEL CONSUMPTION  
BOILER NO. B007, B008, AND B009  
FOURTH QUARTER CY-1996

MONTH	RECEIVED	COMBUSTED
OCTOBER	1467 Gallons	220 Gallons
NOVEMBER	0 Gallons	0 Gallons
DECEMBER	6400 Gallons	5677 Gallons

OIL SUPPLIER'S ANALYSIS (See Attachment)

AVERAGE SULFUR CONTENT	0.019 %
AVERAGE HEAT CONTENT (BTU/GAL)	139,733

Attn: Eric

7968

Received 1467 gallons on 30 Oct 97  
Eric Fisher

To: John Hegob  
From: Jim Moore  
~~To: James Moore~~  
From: James Sheridan  
Subject: Cincinnati LSDF

As per our discussion, analytical results on LSDF(Tk-035) at the Cincinnati Terminal for the sample dated 12-06-95:

Cloud pt.	-7°F
Appr.	Clear
Color	<0.5
H2S	pass
Flashpoint	140°F
API Gravity	36.1
Pour pt.	-20°F
Sulfur%	0.012%
BTU content	Approx. 140,000 BTU/Gal

If you have any questions, please advise.

Thanks,  
Jim Sheridan

If you have any questions give me a call.  
Jim

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ATTN: Cliff

To: John Hayes

To: JIM MOORE  
 cc: apc/its  
 From: RUSSELL LEWIS  
 Date: 12/30/96 08:55:08 AM  
 Subject: Request for LSDF Information

Per your request, the following data was obtained on a sample of LSDF from Cincinnati Tank 035 dated 12/4/96.

API Gravity	34.0
Sulfur, %	0.025
Cloud Point °F	-5
Pour Point °F	-20
ASTM Color	<1.0
Flash Point °F	133
Workmanship	Pass
Est. BTU Content	139,500 BTU/GAL

If additional information is needed, please advise.

Russ

Received 1500 gals on 19 Dec 97

Erin Fisher

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7968

ATTN: Cliff

To: John Heyab

To: JIM MOORE  
 cc: apc/fts  
 From: RUSSELL LEWIS  
 Date: 12/30/96 08:55:08 AM  
 Subject: Request for LSDF Information

Per your request, the following data was obtained on a sample of LSDF from Cincinnati Tank 035 dated 12/4/96.

API Gravity	34.0
Sulfur, Wt%	0.025
Cloud Point °F	-5
Pour Point °F	-20
ASTM Color	<1.0
Flash Point °F	133
Workmanship	Pass
Est. BTU Content	139,500 BTU/GAL

If additional information is needed, please advise.

Russ

Received 2000 gals on 20 Dec 97

Erin Fisher

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ATTN: Cliff

7968

To: John Heyab

To: JIM MOORE  
 cc: apc/its  
 From: RUSSELL LEWIS  
 Date: 12/30/96 08:55:08 AM  
 Subject: Request for LSDF Information

Per your request, the following data was obtained on a sample of LSDF from Cincinnati Tank 035 dated 12/4/96.

API Gravity	34.0
Sulfur, Wt%	0.025
Cloud Point °F	-5
Pour Point °F	-20
ASTM Color	<1.0
Flash Point °F	133
Workmanship	Pass
Est. BTU Content	139,500 BTU/GAL

If additional information is needed, please advise.

Russ

Received 2900 gals on Dec 23,  
 Erin Fisher

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