

DUMPERS: The north dumper was in use during the inspection. Most of the spray nozzles were working properly. They wait to do repairs on nozzles when effectiveness is compromised. Today, there were no visible emissions from the dumper operation. They say that the spray has about 1 gal. of surfactant per 1600 gal. of water. Water usage is monitored by reading a meter at the end of each shift. They say that about 140 gals. is used per car. They may have to turn off the sprays if the weather is freezing. They notify DEQ whenever they do.

SILOS: The following table gives data on silo baghouses.

	Silo S-1	Silo S
Pressure Drop	5.4	5.2
Records of pressure drop	ok	ok
Opacity	0	0
Operating	demonstration	demonstration

YARD CONDITION: They have a vacuum truck and a sweeper/vacuum truck to clean the yard. Both have fabric filters. In places, there were accumulations of coal dust about 1 in. deep. The last time the yard was cleaned was about 5 days ago. (Thanksgiving Holiday last week.) There was no fugitive dust from the yard today. This might not be the case if the wind were stronger. I plan to make a return visit to see the trucks in operation. Periodic surveillance is in order to check on fugitive dust from the yard.

FLUE FED INCINERATOR: Buckets or bags of toilet waste from the locomotives are incinerated in an incinerator which does not have an after burner. 9 VAC 5-40-800 of the Regulations for the Control and Abatement of Air Pollution states, "Incinerators which use the same flue for feeding the refuse and discharging the gas of combustion are prohibited." In other words, an incinerator must have something (i.e. secondary chamber) between the waste combustion zone and the flue.

DEQ inspected the facility on June 16, 1997. Reference was made in the inspection report that they would no longer use the incinerator. The inspector was given a copy of a May 19, 1997, N&W internal letter which directed that, "All locations should immediately implement utilization of a contract waste disposal service and eliminate the use of waste incinerators."

ENFORCEMENT: A Notice of Violation will be recommended as the response to continued operation of the incinerator.

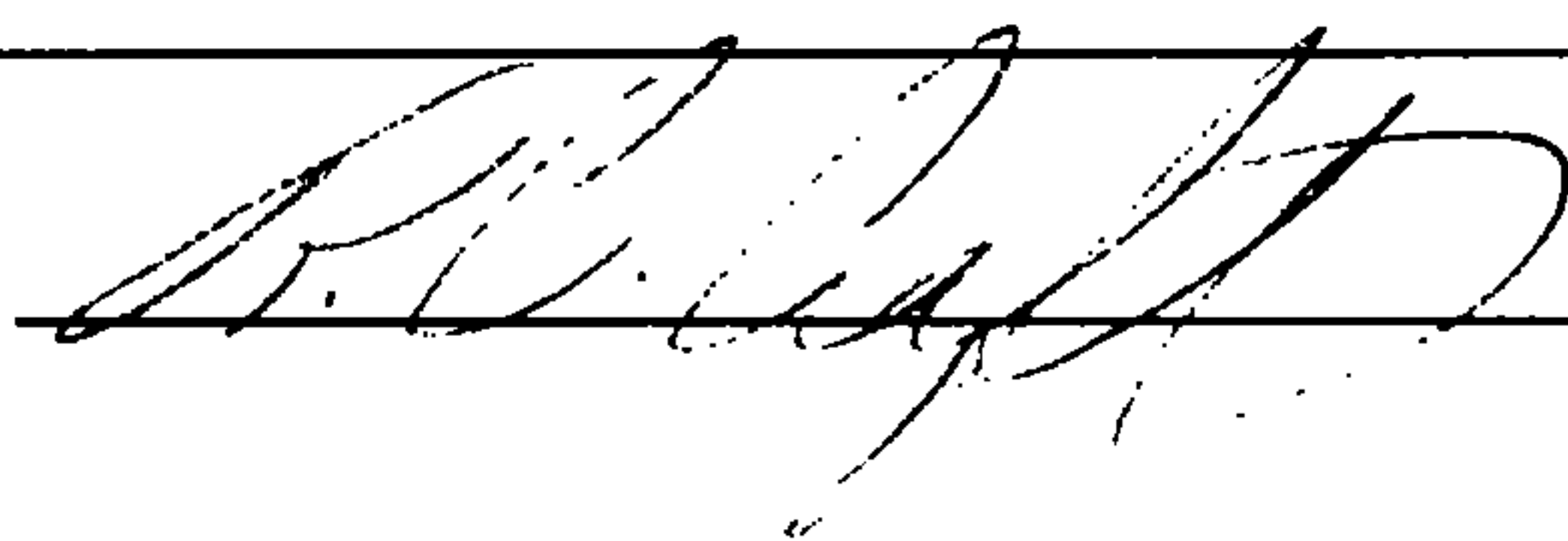
INSPECTOR'S SIGNATURE



DATE: December 3, 1997

SUPERVISOR'S COMMENTS:

SUPERVISOR'S SIGNATURE



DATE: 12/4/97

OCR

The following pages contain the Optical Character Recognition text of the preceding scanned images.

COWONWEAL TH OF VIRGINIA
DEPARTMENT OF ENVIRONMENTAL QUALITY
SOURCE INSPECTION REPORT FORM

I. GENERAL INFORMATION

SOURCE NAME: Norfolk & Southern REGISTRATION NO.: 60180

LOCATION: Norfolk, Lamberts Point INSPECTION DATE: 12/3/97

COUNTY NO. : 710 PLANT ID: 48 FILE NO.: 388

SOURCE CLASS: X A sm B NSPS PSD NESHAP MACT

SOURCE CONTACT: Wayne Henley

WEATHER CONDITIONS: 50OF: Partly cloudy, very light winds

TYPE OF INSPECTION:

X CMS X Complete Permit Completion

Surveillance Follow up

Stack Test Complaint Investigation

CEMS Audit

OTHER (EXPLAIN)

ANNOUNCED INSPECTION: NO

INSPECTION LEVEL PERFORMED: 2 COMPLIANCE CODE: 1

VEE PERFORMED: NO

OPERATING RATE: 1 shii) loading; N. dumper operating

INSPECTOR- Ken Pinzel STAFF CODE: 0747

CODING INFORMATION FOR COMPLIANCE STATUS

0 - UNKNOWN 4 - IN COMPLIANCE BY CERTIFICATION B - NO APPLICABLE REGULATION
1 - IN VIOLATION - NO SCHEDULE 5 - IN VIOLATION, MEETING SCHEDULE 9 - IN COMPLIANCE, CLOSED
2 - IN COMPLIANCE BY SOURCE TEST 6 - IN VIOLATION, NOT MEETING SCHEDULE
3 - IN COMPLIANCE BY INSPECTION 7 - IN VIOLATION, UNKNOWN WITH RESPECT TO SCHEDULE

II. INSPECTION COMMENTS:

DUMPERS: The north dumper was in use during the inspection. Most of the spray nozzles were working properly. They wait to do repairs on nozzles when effectiveness is compromised. Today, there were no visible emissions from the dumper operation. They say that the spray has about 1 gal. of surfactant per 1600 gal. of water. Water usage is monitored by reading a meter at the end of each shift. They say that about 140 gals. is used per car. They may have to turn off the sprays if the weather is freezing. They notify DEQ whenever they do.

SILOS: The following table gives data on silo baghouses.

I Silo S-1 Silo S

Pressure Drop 5.4 5.2

Records of pressure drop ok ok

Opacity 0 0

Operating demonstration demonstration

YARD CONDITION: They have a vacuum truck and a sweeper/vacuum truck to clean the yard.

Both have fabric filters. In places, there were accumulations of coal dust about 1 in.

deep. The last time the yard was cleaned was about 5 days ago. (Thanksgiving Holiday

last week.) There was no fugitive dust from the yard today. This might not be the case

if the wind were stronger. I plan to make a return visit to see the trucks in operation.

Periodic surveillance is in order to check on fugitive dust from the yard.

FLUE FED INCINERATOR: Buckets or bags of toilet waste from the locomotives are incinerated

in an incinerator which does not have an after burner. 9 VAC 5-40-800 of the Regulations

for the Control and Abatement of Air Pollution states, "Incinerators which use the same

flue for feeding the refuse and discharging the gas of combustion are prohibited." In

other words, an incinerator must have something (i.e. secondary chamber) between the waste

combustion zone and the flue.

DEQ inspected the facility on June 16, 1997. Reference was made in the inspection

report that they would no longer use the incinerator. The inspector was given a copy of

a May 19, 1997, N&W internal letter which directed that, "All locations should immediately

implement utilization of a contract waste disposal service and eliminate the use of waste

incinerators. "

ENFORCEMENT: A Notice of Violation will be recommended as the response to continued

operation of the incinerator.

INSPECTOR'S SIGNATURE DATE: December 3, 1997

SUPERVISOR'S COMMENTS:

SUPERVISOR'S SIGNATURE DATE: xx