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COMMONWEALTH OF VIRGINIA
DEPARTMENT OF AIR POLLUTION CONTROL
SOURCE INSPECTION REPORT FORM

I. GENERAL INFORMATION

SOURCE NAME: NORFOLK & WESTERN RAILROAD COMPANY COUNTY NO: 2140
REGISTRATION NO: 60180 AQCR: 223 AIR PROGRAM CODE: 0
PLANT ID: 0048 SOURCE CONTACT DURING INSPECTION: JOEY GRAY
SOURCE LOCATION: LAMBERTS POINT, 38th ST. NORFOLK, VA 23514 446-5420
SOURCE CLASSIFICATION (CIRCLE ALL APPLICABLE ONES) (A1) A2 B SIP
INSPECTION DATE: 051691 NEXT INSPECTION: 063091

II. INSPECTION INFORMATION

INSPECTING OFFICER: Jeff Deibler STAFF PERS. CODE: 057
WEATHER CONDITIONS: 80°, Sunny, E 10-15 mph
REASONS FOR INSPECTION:

☒ SCHEDULED INSPECTION ☐ COMPLAINT INVESTIGATION
☐ PERMIT REVIEW ☐ EQUIPMENT MALFUNCTION
☐ OTHER _____

III. INSPECTION RESULTS

INSPECTION LEVEL(S) PERFORMED: 0 1 (2) 3 4 COMPLIANCE STATUS: CODE: 5
VISIBLE EMISSION EVALUATION PERFORMED: ☒ (YES) ☐ (NO)
IF YES, ☐ IN COMPLIANCE ☒ OUT OF COMPLIANCE

NESHAPS REQUIREMENTS MET: ☐ YES ☐ NO ☒ N/A

TOXICS EVALUATION: ☐ COMPLETED ☐ CONDITIONS VERIFIED
☐ IN PROGRESS ☐ RECOMMENDED ☒ NOT RECOMMENDED

OPERATING RATE: SEE COMMENTS

AIR PROGRAM CODE

0 - SIP SOURCE
1 - SIP SOURCE UNDER FEDERAL JURISDICTION
5 - OTHER
6 - PSD
8 - NESHAPS
9 - NSPS
c - CLOSED DOWN/INACTIVE

CODING INFORMATION

COMPLIANCE STATUS

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

IV. COMMENTS

1) ROTARY DUMPER - 2 ROTARY DUMPER, NORTH & SOUTH. EACH DUMPS 2 RAILCARS AT A TIME. WATER SPRAY SYSTEM - COMES ON AT START OF DUMP & SHUTS OFF AT END. WIND SCREENS ON BOTH SIDES OF DUMPER. SYSTEM HELPS BREAK WINDS ACROSS AREA. SPRINKLERS DO NOT OPERATE IN FREEZING WEATHER. DUMP AVERAGE OF 36 CARC/HK. NORTH DUMPER HAD UP TO 20% OPACITY DURING DUMPING. SOUTH DUMPER HAD UP TO 60% OPACITY DURING DUMPING (U.E.E. ATTACHED). DUST FROM SOUTH DUMPER GENERATED FROM THE BACK SIDE. THE SPRAY LINE HERE IS NOT OPERATING EFFECTIVELY ENOUGH TO CONTROL DUST EMISSIONS. MR. GRAY SAID THEY ARE PRESENTLY SEARCHING FOR BETTER NOZZLES. FROM HORE COAL DROPS INTO 4 HOPPERS, DROPS ONTO BELT A, THEN BELT B, & THEN ONE OF TWO BELT C'S TO PIER C - CAN LOAD 2 SHIPS AT A TIME AT PIER C. NO EMISSIONS SEEN AT LOADING OF 2 SHIPS TODAY

2) CONVEYOR BELT SCRAPER SYSTEM - SCRAPERS AT END OF BOTH BELT C'S REMOVE WET COAL WHICH ADHERES TO THE CONVEYOR BELTS AS THEY TURN UNDERNEATH IN THE OPPOSITE DIRECTION. THIS COAL DROPS DIRECTLY THROUGH A RUBBER SHOOT & INTO A HOPPER AT THE END OF EACH BELT. NO EMISSIONS.

3) PIER C DECK CLEANING - A SWEEPER/VACUUM TRUCK (PURCHASED SINCE LAST INSPECTION) WAS CLEANING DECK & GENERATING 30% OPACITY AT TIMES. MR. GRAY SAID THE OPERATOR IS NOT TO BE USING THE SWEEPER EXCEPT WHEN CLEANING AROUND TRACKS & CURBS. ^{HE} ~~HE~~ ADVISED TO HAVE THE OPERATOR TURN SWEEPER OFF.

INSPECTOR'S SIGNATURE:

Jeffrey K. Doolittle

DATE:

5-16-91

REVIEWING AUTHORITY COMMENTS:

REVIEWING AUTHORITY SIGNATURE:

RR Craft

DATE:

5/20/91

IV. COMMENTS

HE HAD NOT STOPPED THE SWEEPER BEFORE I LEFT. CLEAN PER 5-7 DAYS /WK.

4) RECLAIM COAL - WIND BARRIERS AROUND AREA. AREA PAVED. RAMP!

CONVEYOR SYSTEM DROPS COAL DIRECTLY INTO RAILCARS. NO EMISSIONS.

5) STATIC LOADED CARS - 12,743 LOADED CARS IN THE YARD TODAY. TYPICALLY

THERE ARE 12,000-20,000 LOADED CARS. EACH CAR HOLDS ≈ 95 TONS OF COAL. NO EMISSIONS VISIBLE.

6) THROUGHPUTS - ROTARY DUMP SHIP LOAD = 39×10^6 TONS COAL /YR

= 3,000 TON/HR AVERAGE (MAX 10,000)

LAST INSPECTION 5-31-90.

2 COMPLAINTS SINCE LAST INSPECTION, 7-9-90 AND 9-20-90.

NO PERMITS.

EIS MASTERFILE VERIFIED

MR. GRAY WILL CALL WITHIN 30 DAYS TO TELL ME THEY HAVE CORRECTED EMISSION PROBLEM AT SOUTH DUMPER. I WILL INSPECT FACILITY AGAIN AT THIS TIME. I WILL ALSO CHECK PIER 10 DECK CLEANING. MR. GRAY TOLD ME ABOUT THE DUMPER PROBLEM BEFORE MY INSPECTION SO THIS WAS NOT UNEXPECTED.

INSPECTOR'S SIGNATURE: Jeffrey K. Dubble DATE: 5-16-91

REVIEWING AUTHORITY COMMENTS:

NOV to be issued for failure to maintain control equipment

REVIEWING AUTHORITY SIGNATURE:

RL. [Signature] DATE: 5/17/91

OCR

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

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DEPARTMENT OF AIR POLLUTION CONTROL
SOURCE INSPECTION REPORT FORM

1. GENERAL INFORMATION

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REGISTRATION NO: R21('111M AQCR. AIR PROGRAM CODE:

PLANT ID: SOURCE CONTACT DURING INSPECTION:

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SOURCE LOCATION:

SOURCE CLASSIFICATION (CIRCLE ALL APPLICABLE ONES)('01) A2 B

INSPECTION DATE: NEXT INSPECTION: 101 4,1 51 ol ql I

II. INSPECTION INFORMATION

J-IJ-E, V)

INSPECTING OFFICER: STAFF PERS. CODE:

WEATHER CONDITIONS:

REASONS FOR INSPECTION:

SCHEDULED INSPECTION COMPLAINT INVESTIGATION

PERMIT REVIEW EQUIPMENT MALFUNCTION

OTHER

III. INSPECTION RESULTS

INSPECTION LEVEL(S) PERFORMED: 0 1 (2), 3 4 COMPLIANCE STATUS: CODE:

VISIBLE EMISSION EVALUATION PERFORMED: Q- (YES) F-I (NO)

IF YES, F-I IN COMPLIANCE D-6UT OF COMPLIANCE

NESHAPS REQUIREMENTS MET: n YES F] NO 9''N/A

TOXICS EVALUATION: COMPLETED CONDITIONS VERIFIED

IN PROGRESS RECOMMENDED U"@ 'NOT RECOMMENDED

OPERATING RATE:

CODING INFORMATION

AIR PROGRAM CODE COMPLIANCE STATUS

0 - SIP SOURCE 0- UNKNOWN

I - SIP SOURCE UNDER FEDERAL JURISDICTION 1- IN VIOLATION - NO SCHEDULE

5 - OTHER 2- IN COMPLIANCE BY SOURCE TEST

6 - PSD 3_ IN COMPLIANCE BY INSPECTION

8 - NESHAPS 4- IN COMPLIANCE BY CERTIFICATION

9 - NSPS 5- IN VIOLAITON, MEETING SCHEDULE

c - CLOSED DOWN/INACTIVE 6- IN VIOLATION, NOT MEETING SCHEDULE

7- IN VIOLATION, UNKNOWN WITH RESPECT TO SCHEDULE

8- NO APPLICABLE STATE REGULATION

9- IN COMPLIANCE, CLOSED DOWN

IV. COMMENTS

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LIG J 6-VA) i, @,oTp
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INSPECTOR'S SIGNATURE: DATE:
REVIEWING AUTHORITY COMMENTS:

REVIEWING AUTHORITY SIGNATURE: DATE:

TLV. COMMENTS

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INSPECTOR'S SIGNATURE:
DATE:

REVIEWING AUTHORITY COMMENTS:

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REVIEWING AUTHORITY SIGNATURE: DATE: