

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

2

I. GENERAL INFORMATION

SOURCE NAME: NORFOLK & WESTERN RAILWAY COMPANY COUNTY NO: 2140
REGISTRATION NO: 60180 AQCR: 223 AIR PROGRAM CODE: 0
PLANT ID: 0048 SOURCE CONTACT DURING INSPECTION: JERRY GRAY
SOURCE LOCATION: LAMBERT'S PT. 35TH ST. NORFOLK, VA 23514 446-5420
SOURCE CLASSIFICATION (CIRCLE ALL APPLICABLE ONES) (A1) A2 B SIP
INSPECTION DATE: 070292 NEXT INSPECTION: 053093

ENTERED
(X)

II. INSPECTION INFORMATION

INSPECTING OFFICER: JEFF DEIBLER STAFF PERS. CODE: 057
WEATHER CONDITIONS: 75°, CLOUDY, N-NE 5-10 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: 3

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 DUMPERS - 2 ROTARY DUMPERS, NORTH + SOUTH. EACH DUMPS 2 RAILCARS AT A TIME. WATER SPRAY SYSTEM COMES ON AT START OF DUMP
^a SHUTS OFF SHORTLY AFTER END OF DUMP. WATER NOZZLES HAVE BEEN INSTALLED ON BACKSIDE OF DUMPERS. THIS HELPS REDUCE AIRBORNE DUST FURTHER. VEE ATTACHED SHOWS UP TO 10% OPACITY DURING DUMPING. THIS OPACITY COULD BE DUE TO WATER SPRAY FROM EXTRA NOZZLES. WIND SCREENS HELP BLOCK WINDS ACROSS DUMPERS. SPRINKLERS DO NOT OPERATE IN FREEZING WEATHER DUMP AVERAGE OF 36 CARS/HOUR (2,100-3,000 TONS/HOUR IN EACH DUMPER). EIS FOR 1991 REPORTS TOTAL OF 38,500,000 TONS COAL HANDLED. FROM DUMPERS COAL DROPS INTO 4 HOPPERS, ONTO BELT A, BELT B, ONE OF TWO BELT C'S TO PIER 6. CAN LOAD 2 SHIPS AT A TIME AT PIER 6. NO EMISSIONS SEEN AT LOADING OF SHIP 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 THRU A RUBBER SHEET INTO A HOPPER AT THE END OF EACH BELT. NO EMISSIONS.

3) PIER 6 DECK CLEANING - A VACUUM /SWEEPER TRUCK + A VACUUM TRUCK ARE USED. CLEAN PIER DAILY. PIER IS WET FROM RAIN YESTERDAY SO TRUCKS NOT USED TODAY. PIER LOOKS FAIRLY CLEAN.

INSPECTOR'S SIGNATURE: _____ DATE: _____

REVIEWING AUTHORITY COMMENTS: _____

REVIEWING AUTHORITY SIGNATURE: _____ DATE: _____

NOTE: For Level 2 Inspections for sources with boilers greater than 0.35 MBTU-coal and 10 MBTU-oil, one should obtain fuel analysis and charging rates. If analysis is unavailable, % sulfur is required.

For Level 2 Inspections for process plants, obtain process rate at time of inspection and pressure drop across all control devices.

INSPECTORS COMMENTS: SOURCE: NORFOLK & WESTERN RAILWAY COMPANY REG. #: 60180

4) RECLAIM COAL - THIS AREA IS PAVED. WIND BARRIERS AROUND THE AREA. CONVEYOR DROPS COAL DIRECTLY INTO RAILCARS. COAL COMES FROM PIER & OTHER AREAS WHERE SPILLED & RECLAIMED. NO COAL BEING LOADED NOW. NO EMISSIONS. FRONT END LOADERS BRING COAL HERE AS GENERATED.

5) STATIC LOADED CARS - 5,295 LOADED CARS IN YARD TODAY. TYPICALLY THERE ARE 6,000-7,000 LOADED CARS. EACH CAR HOLDS $\approx$ 95 TONS OF COAL. NO VISIBLE EMISSIONS.

PIER 5 HAS BEEN REMOVED.

LAST INSPECTIONS 5-16-91, 6-4-91, 6-11-91, 7-9-91.

NOU WAS ISSUED 5-16-91 FOR FAILURE TO MAINTAIN WET SUPPRESSION ON SOUTH DUMPER.

THE 3 FOLLOW-UP INSPECTIONS WERE TO VERIFY CONTINUED OPERATION OF SYSTEM AFTER REPAIRED. A LETTER WAS MAILED TO SOURCE INDICATING BACK IN COMPLIANCE (MARGINAL) ON JULY 12, 1991.

NO COMPLAINTS SINCE LAST INSPECTION.

NO PERMITS FOR EXISTING FACILITIES.

SOURCE REGISTRATION UPDATE FOR 1991 RECEIVED 3-13-92.

NEW PERMIT TO MODIFY & OPERATE A COAL TERMINAL DATED APRIL 16, 1992.

NO CONSTRUCTION OR MODIFICATION OF EQUIPMENT HAS BEGUN.

INSPECTOR Jeffrey K. Dentler

DATE 7-5-92

REGIONAL DIRECTOR P. L. Craft

DATE 7/7/92

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

COMMONWEALTH OF VIRGINIA OL
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SOURCE INSPECTION REPORT FORM

1. GENERAL INFORMATION

SOURCE NAME:/Ub/zFoto-tJarnt,-, 9All,,,lA Y COUNTY NO: I z] 1 14-Fo1

REGISTRATION NO: AQCR- AIR PROGRAM CODE:

PLANT ID: Ic)lc)14i? SOURCE CONTACT DURING INSPECTION: L-p- r- y (5, /z t) 'r

SOURCE LOCATION: 1, A)oe Is-/ + ?-- r
er. 5r. r--oc'141 UA - 5 @4-(r,

SOURCE CLASSIFICATION (CIRCLE ALL APPLICABLE ONES)@) A2 B

INSPECTION DATE: IC 17 101 Zi cl I NEXT INSPECTION: TJ-OP-151

11. INSPECTION INFORMATION

INSPECTING OFFICER: @1-@ DC/e)Lcw--_ STAFF PERS. CODE:

WEATHER CONDITIONS: -7,5- Ci- 0 y 5--lo inl-ltt

REASONS FOR INSPECTION:

L,-' SCHEDULED INSPECTION COMPLAINT INVESTIGATION

PERMIT REVIEW EQUIPMENT MALFUNCTION

OTHER

III. INSPECTION RESULTS

"")3 4 COMPLIANCE STATUS: CODE: E1
INSPECTION LEVEL(S) PERFORMED: 0 1 r9

VISIBLE EMISSION EVALUATION PERFORMED: Ea(YES) (NO)

@.i-

IF YES, N COMPLIANCE F] OUT OF COMPLIANCE

-t

NESHAPS REQUIREMENTS MET: F] YES n N 0 LrL--J-"N/A

TOXICS EVALUATION: F-1 COMPLETED F-1 CONDITIONS VERIFIED

E1 IN PROGRESS RECOMMENDED @@NOT RECOMMENDED

OPERATING RATE: 5'62@ r'o'm VI

..... X...

CODING INFORMATION

AIR PROGRAM CODE COMPLIANCE STATUS

0- SIP SOURCE 0 - UNKNOWN

1- SIP SOURCE UNDER FEDERAL JURISDICTION I - 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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L,-3 a /,) A'F 5 ma; r 0 @F Du /w P

5PUTI-s Or-r- SqnP-rg-Y AF-iv0- L@@h (-,F- bt-@-Kp, e-GLnj jt-)f7-nt,l-.Ulr

C,?I\j Lcr--LUC QF Pjkw1-P02-@-@ 71iti 4fP-ijn&A,,nL:: Aufir FuALoica,

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Acgc.@@S

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robAy. @@lea L-We-.r f-Ati2,LY

INSPECTOR'S SIGNATURE: DATE:

REVIEWING AUTHORITY COMMENTS:

REVIEWING AUTHORITY SIGNATURE: DATE:

NOTE: For Level 2 Inspec, -.Lons for sources with boill-s greater than 0.35 MBTU-coal and 10 MBTU-oil, one should obtain fuel analysis and charging rates. If analysis is unavailable, % sulfur is required.

For Level 2 Inspections.for process plants, obtain process rate at time of inspection and pressure drop across all control devices.

INSPECTORS COMMENTS: SOURCE:/-t', '2-r-0'K- VWC5-TCfi-1- 14LICAJA-l 6?,s-P,4,vY REG.

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okelps, CCA(- 01j9-(--C1T-1-Y Je'm a"li- Ccmt@s /'4cril - OT7115Y2- fi&t4l

57P iU-Ct, J' A)C, COAL (@ADPJa Z,47)AC)et>

LCA @, "--j- 62-le-21, rkaq t- L; (Aa- AS GzMALE-d f LL

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T-14 T- i, oh

tl'ze@ (0.600-zoocp L'04t)45T) C-AA-s LAC-1-i C-A.,Q- N(ACD-f rcA-)S OF COAL.
/U0 U1-si6L-C

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DATE 7 -
INSPECTOR

R
REGIONAL DIRECTO DATE

S I F