

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

I. GENERAL INFORMATION

SOURCE NAME PIER IX NPN VA REGISTRATION NO. 60979
LOCATION OFF TERMINAL BLVD NPN INSPECTION DATE 070894
COUNTY NO. 700 PLANT ID 00071 SOURCE TYPE COAL/CEMENT (BULK)
SOURCE CLASS (CIRCLE ALL APPLICABLE CLASSES) A1 (A2) B NSPS PSD NESHAP TOXIC
SOURCE CONTACT MR WORTHINGTON WEATHER CONDITIONS FAIR/HOT

TYPE OF INSPECTION

☒ SCHEDULED INSPECTION ☐ PERMIT COMPLETION
☐ FOLLOW-UP INSPECTION ☐ COMPLAINT INVESTIGATION
☒ OTHER (EXPLAIN) PERMIT VISIT ANNOUNCED INSPECTION (CIRCLE ONE) YES (NO)

INSPECTION LEVEL PERFORMED (CIRCLE ONE) 0 1 (2) 3 4 COMPLIANCE CODE 3

VEE PERFORMED (CIRCLE ONE) (YES) NO INDICATES COMPLIANCE (CIRCLE ONE) (YES) NO

OPERATING RATE 4 TRUCK/HR CEMENT

INSPECTOR J.E. STEWART STAFF CODE 739

CODING INFORMATION FOR 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 REGULATIONS
9 - IN COMPLIANCE, CLOSED

II. INSPECTION SUMMARY

Were actual or potential compliance problems identified during this inspection? YES NO ✓ (If yes explain in comments section.)

Complaints: Are compliance problems indicated? YES NO ✓ (If yes, explain in the comment section.)

Does source experience excessive malfunctions? YES NO ✓ If yes, describe:

Has any enforcement action been initiated during the past two years? YES NO ✓

Is inspection needed due to on-going or recently completed enforcement? YES NO ✓

II. INSPECTION SUMMARY (CONTINUED)

PAGE 2

Is there an on-going compliance problem? YES ☐ NO ☒ If yes, describe:

Are there compliance problems involving more than one control or process system?
YES ☐ NO ☒ N/A

Are all compliance problems indicated above minor? YES ☐ NO ☒ N/A

If yes, are all compliance problems identified above now resolved?
YES ☐ NO ☒ N/A

Is a follow-up inspection needed? YES ☐ NO ☒

Rate control equipment/process vulnerability to upset:
Very High ☐ High ☐ Average ☒ Low ☐

Rate O & M practices at the site:
Very High ☐ High ☐ Average ☒ Low ☐

Rank the source from 1 (lowest priority) to 4 (highest priority) for an inspection next year based on your overall evaluation of the source: 2

III. INSPECTION COMMENTS:

Source receives cement from ships and transfers to silos (3). Baghouse controlled (3) Transfer points from ship controlled & baghouse (2) and one baghouse control from silo to Truck load out. Hatcher operating at 4 Trucks/hr. No visual emissions per VEEK. Source also receives coal from trains, stores in piles and loads out to ship. PMS control system is used for fugitive coal dust containment. See attached for Friday's activity and release rate. Permit visit was to familiarize Permit engineer with facility.

ADDITIONAL COMMENTS? YES ☐ (See Page(s) 2) NO ☒

INSPECTOR'S SIGNATURE

DATE: 07/12/94

SUPERVISOR'S COMMENTS:

SUPERVISOR'S SIGNATURE

DATE: 7/12/94

VIRGINIA STATE AIR POLLUTION CONTROL BOARD
VISIBLE EMISSION EVALUATION RECORD

DATE 07/08/94
 COMPANY PIER IX NPN REGISTRATION NO. 60979
 LOCATION Terminal Blvd NPN
 EMISSION POINT NAME Truck Transfer and Byha Discharge HEIGHT TO DISCHARGE POINT 24'
 OBSERVER JF STEWART CERTIFICATION EXPIRATION DATE 10/94

CLOCK TIME: INITIAL 10:24 A.M./P.M. FINAL 10:53 A.M./P.M.

VISIBLE EMISSION READINGS

HR.	MIN.	SECONDS				STEAM PLUME CHECK IF APPLICABLE		
		0	15	30	45	DET.	ATT.	COMMENT
	0							
	1							
	2							
	3							
	4							
	5							
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	23							
10	24	0	0	0	0			
	25							
	26							
	27							
	28							
	29							

HR.	MIN.	SECONDS				STEAM PLUME CHECK IF APPLICABLE		
		0	15	30	45	DET.	ATT.	COMMENT
	30							
	31							
	32							
	33							
	34							
	35							
	36							
	37							
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INITIAL

FINAL

OBSERVER LOCATION

DISTANCE TO DISCHARGE

DIRECTION TO DISCHARGE

HEIGHT OF OBSERVATION POINT

BACKGROUND DESCRIPTION

WEATHER CONDITIONS

WIND DIRECTION

WIND SPEED

AMBIENT TEMPERATURE

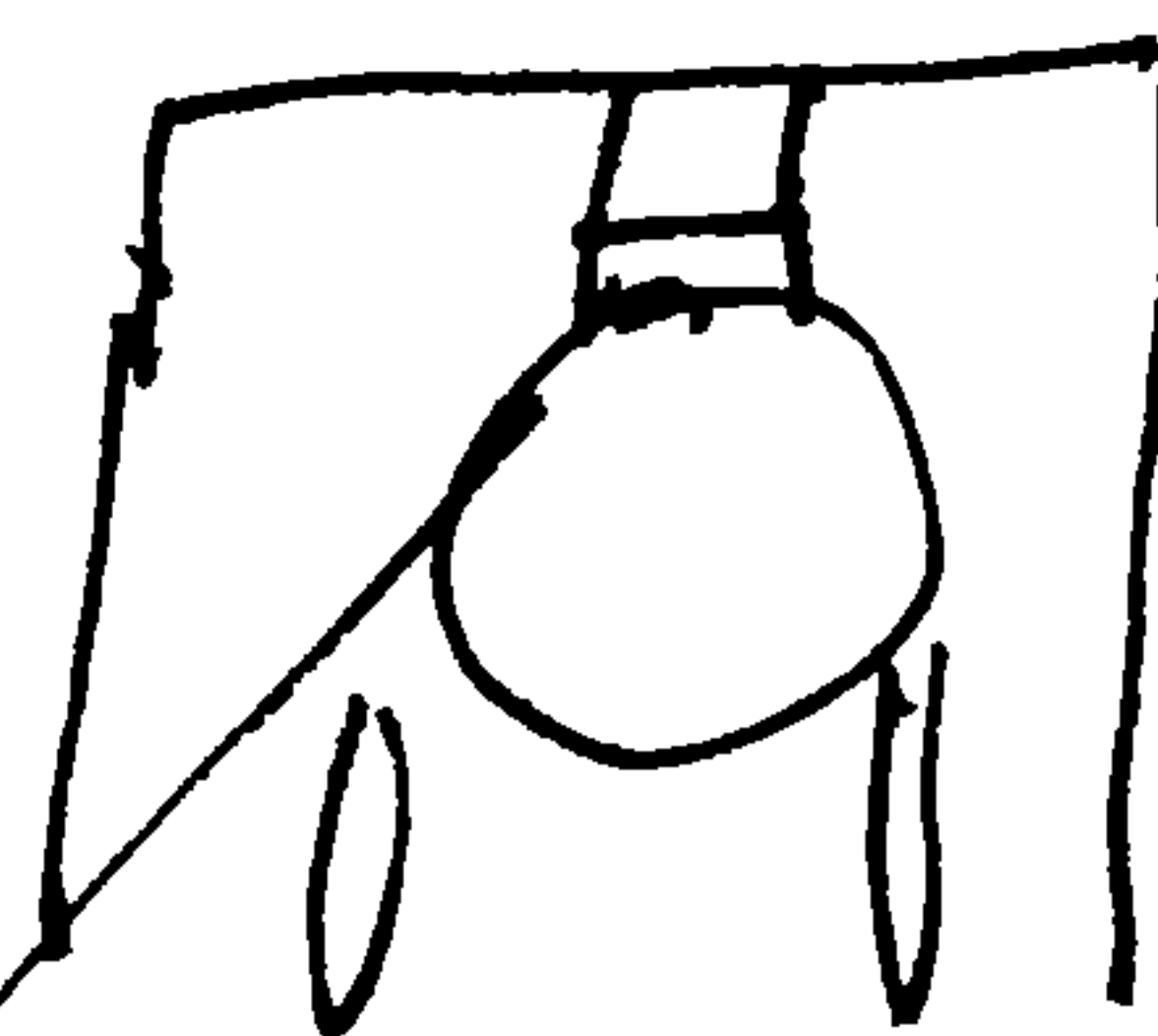
SKY CONDITIONS

PLUME DESCRIPTION

COLOR

DISTANCE VISIBLE

DIAGRAM OF OBSERVER AND EMISSION POINT



COMMENTS

Source discharging from side to truck
at 4 trucks/hr - by hand 3.5 pulsing
way 8 to 20 sec. No emissions.

OBSERVER SIGNATURE

REGION DIRECTOR SIGNATURE

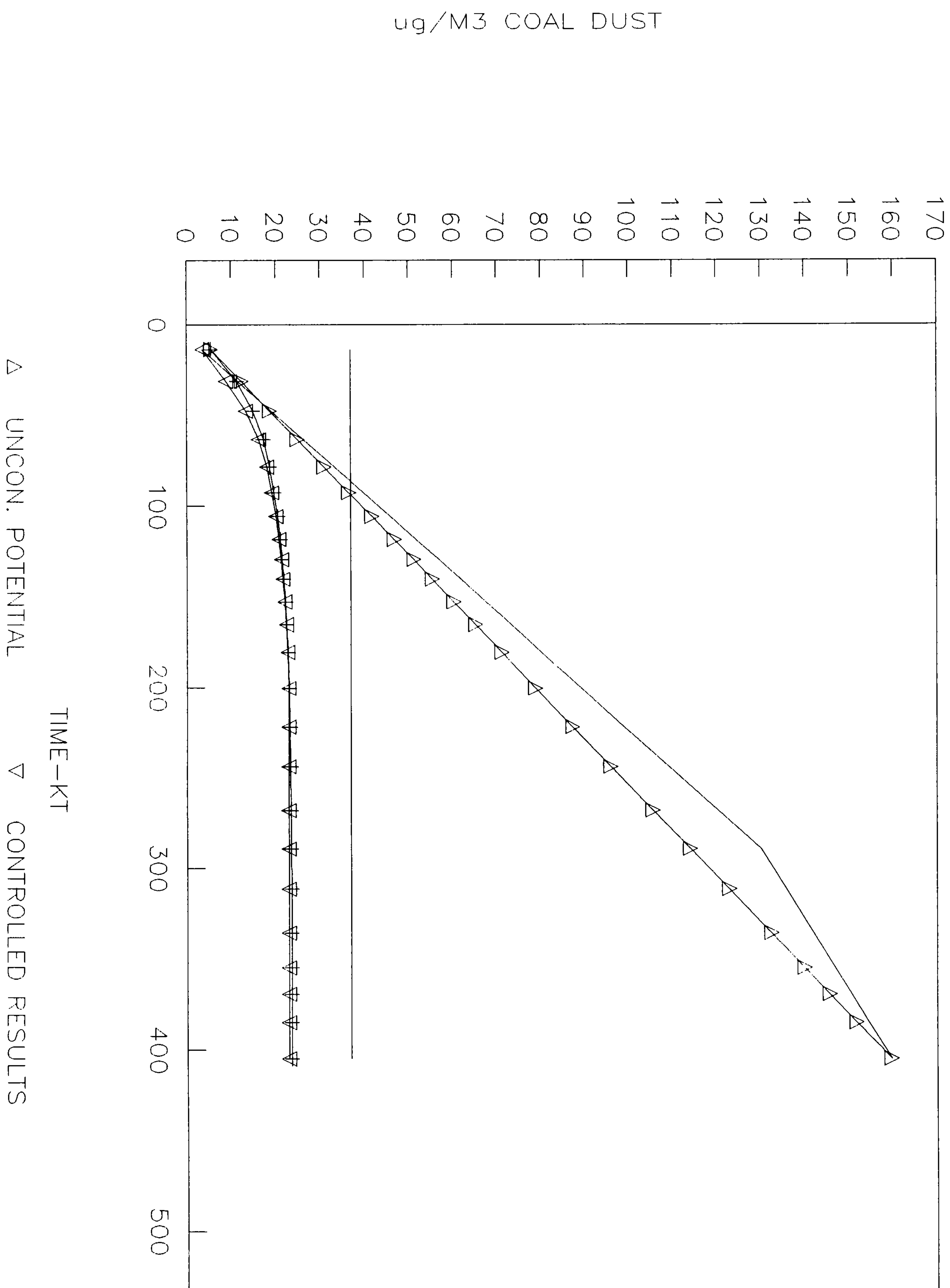
										PIER IX		DATE		07/08/94													
										85.23545																	
KT	404.91 EFF.----->										CEunc																
Sb	0.3944039										%EFF/C																
SI	0.3600831										Sp																
B.F.	K	KD	CI	ECI	KT	EK/seq	IR	EIR	HRS	Ft	Tf	FIR	EKF	FHRS	Ftr	SL	HVI	EHVI	HVT	Kc	HWC	EHWC	#Cc	T	CT-C	EK/seqC	
					0.00	N/A	N/A	0.000	0	0.00	-	0.00	0.00	0.00	0.00	0.00	0.00	0.00	N/A	N/A	N/A	N/A	1	3.50	3.50	0	0
1	N/A	13.83	0	0	331.92	13.83	0.00	0.000	0	1.00	40	0.00	0.00	0.00	1.0000	0.3944039	5.45	5.45	159.70	1	3.50	8.85	0	0	0.00	17.40	
2		17.40	1	1	414.03	17.40	0.00	0.000	0	1.00	40	0.00	0.00	0.00	1.0000	0.3376296	5.87	11.33	125.94	1	3.39	8.85	1	1	3.50	17.40	
3		16.32	1	2	390.27	16.32	0.00	0.000	0	1.00	40	0.00	0.00	0.00	1.0000	0.2223683	3.63	14.96	86.95	1	2.01	13.34	2	1	8.85	16.32	
4		15.80	1	3	379.35	15.80	0.00	0.000	0	1.00	40	0.00	0.00	0.00	1.0000	0.1462700	2.31	17.27	62.42	1	1.25	16.21	3	1	13.34	15.80	
5		15.17	1	4	366.75	15.17	0.00	0.000	0	1.00	40	0.00	0.00	0.00	1.0000	0.0960806	1.46	18.73	47.00	1	0.77	18.03	4	1	16.21	15.17	
6		14.25	1	5	349.27	14.25	0.00	0.000	0	1.00	40	0.00	0.00	0.00	1.0000	0.0629602	0.90	19.62	37.30	1	0.45	19.17	5	1	18.03	14.25	
7		13.29	0	5	331.99	13.29	0.00	0.000	0	1.00	40	0.00	0.00	0.00	1.0000	0.0648424	1.79	20.51	37.90	1	1.37	20.10	5	1	18.03	27.54	
8		12.71	1	6	322.13	12.71	0.00	0.000	0	1.00	40	0.00	0.00	0.00	1.0000	0.0423534	0.54	21.05	31.90	1	0.23	20.74	6	1	20.10	12.71	
9		11.18	0	6	297.65	11.18	0.00	0.000	0	1.00	40	0.00	0.00	0.00	1.0000	0.0434226	1.04	21.55	32.22	1	0.73	21.25	6	1	20.10	23.89	
10		10.77	1	7	291.50	10.77	0.00	0.000	0	1.00	40	0.00	0.00	0.00	1.0000	0.0282347	0.30	21.85	28.51	1	0.10	21.65	7	1	21.25	10.77	
11		12.34	0	7	313.48	12.34	0.00	0.000	0	1.00	40	0.00	0.00	0.00	1.0000	0.0290297	0.67	22.22	28.73	1	0.46	22.01	7	1	21.25	23.11	
12		12.49	1	8	315.43	12.49	0.00	0.000	0	1.00	40	0.00	0.00	0.00	1.0000	0.0189518	0.24	22.46	26.49	1	0.09	22.32	8	1	22.01	12.49	
13		15.12	0	8	346.99	15.12	0.00	0.000	0	1.00	40	0.00	0.00	0.00	1.0000	0.0195943	0.54	22.76	26.66	1	0.42	22.64	8	1	22.01	27.61	
14		19.44	1	9	394.51	19.44	0.00	0.000	0	1.00	40	0.00	0.00	0.00	1.0000	0.0129948	0.25	23.01	25.37	1	0.15	22.91	9	1	22.64	19.44	
15		21.29	1	10	413.01	21.29	0.00	0.000	0	1.00	40	0.00	0.00	0.00	1.0000	0.0086533	0.18	23.20	24.60	0	0.00	22.91	9	1	22.91	0.00	
16		22.09	1	11	420.21	22.09	0.00	0.000	0	1.00	40	0.00	0.00	0.00	1.0000	0.0057723	0.13	23.33	24.14	0	0.00	22.91	9	1	22.91	0.00	
17		24.15	1	12	436.69	24.15	0.00	0.000	0	1.00	40	0.00	0.00	0.00	1.0000	0.0036676	0.09	23.42	23.88	0	0.00	22.91	9	1	22.91	0.00	
18		21.66	1	13	419.26	21.66	0.00	0.000	0	1.00	40	0.00	0.00	0.00	1.0000	0.0025775	0.06	23.48	23.73	0	0.00	22.91	9	1	22.91	0.00	
19		22.25	1	14	422.80	22.25	0.00	0.000	0	1.00	40	0.00	0.00	0.00	1.0000	0.0017200	0.04	23.54	23.61	0	0.00	22.91	9	1	22.91	0.00	
20		24.30	1	15	433.05	24.30	0.00	0.000	0	1.00	40	0.00	0.00	0.00	1.0000	0.0011528	0.03	23.54	23.65	0	0.00	22.91	9	1	22.91	0.00	
21		19.05	1	16	412.05	19.05	0.00	0.000	0	1.00	40	0.00	0.00	0.00	1.0000	0.0007639	0.01	23.56	23.59	0	0.00	22.91	9	1	22.91	0.00	
22		14.59	1	17	398.67	14.59	0.00	0.000	0	1.00	40	0.00	0.00	0.00	1.0000	0.0005011	0.01	23.56	23.58	0	0.00	22.91	9	1	22.91	0.00	
23		15.31	0	17	400.11	15.31	0.00	0.000	0	1.00	40	0.00	0.00	0.00	1.0000	0.0005181	0.02	23.57	23.58	0	0.00	22.91	9	1	22.91	0.00	
24		20.11	1	18	404.91	20.11	0.00	0.000	0	1.00	40	0.00	0.00	0.00	1.0000	0.0003441	0.01	23.58	23.58	0	0.00	22.91	9	1	22.91	0.00	
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pink

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PIER IX PASS

DATE 07/08/94



OCR

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

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

I. GENERAL INFO ON

SOURCE NAME
REGISTRATION NO.

PT7-0wey
LOCATION 4f9 /c/5- INSPECTION DATE

COUNTY NO. PLANT ID SOURCE TYPE ,o

SOURCE CLASS (CIRCLE ALL APPLICABLE CLASSES) A1 B NSPS PSD NESHAP TOXIC

9 WEATHER CONDITIONS e LIAZz! 7_
SOURCE CONTACT

TYPE OF INSPECTION

2__@SCHEDULED INSPECTION PERMIT COMPLETION

FO@LOW-UP INSPECTION F] COMPLAINT INVESTIGATION

ar'OTHER (EXPLAIN) nU rV, ANNOUNCED INSPECTION (CIRCLE ONE) YES(9)

INSPECTION LEVEL PERFORMED (CIRCLE ONE) 0 1 &) 3 4 COMPLIANCE CODE

VEE PERFORMED (CIRCLE ONE) 0 INDICATES COMPLIANCE (CIRCLE ONE) (!9) NO

OPERATING RATE

INSPECTOR STAFF CODE

/

CODING INFORMATION FOR COMPLIANCE STATUS

0 - UNKNOWN 3 - IN COMPLIANCE BY INSPECTION 6 - IN VIOLATION, NOT MEETING SCHEDULE

1 - IN VIOLATION - NO SCHEDULE 4 - IN COMPLIANCE BY CERTIFICATION 7 - IN VIOLATION, UNKNOWN WITH RESPECT

2 - IN COMPLIANCE BY SOURCE TEST 5 - IN VIOLATION, MEETING SCHEDULE TO SCHEDULE

8 - NO APPLICABLE STATE REGULATIONS

9 - IN COMPLIANCE. CLOSED

II. INSPECTION SUMMARY

Were actual or potential compliance problems identified during this inspection? YES NO V (If yes explain in comments section.)

Complaints: Are compliance problems indicated? YES NO (If yes, explain in the comment section.)

Does source experience excessive malfunctions? YES NO If yes, describe:

Has any enforcement action been initiated during the past two years?
'YES NO

Is inspection necessary due to on-going or recently completed enforcement?
YES NO

II. INSPECTION SUMMARY @ZONTINUED) PAG'E 2

Is there an on-going compliance problem? YES NO If yes, describe:

Are there compliance pr bl involving more than one control or process system?
YES NO A5@A -

Are all compliance problems indicated above minor? YES NO

If yes, are all compliance problems identified above now resolved?
YES NO

Is a follow-up inspection needed? YES NO

Rate control equipment/process vulnerability to upset:
Very High High Average i,-` Low

Rate 0 & M practices at the site:
Very High High Average Low

Rank the source from 1 (lowest priority) to 4 (highest priority) for an inspec
tion
next year based on your overall evaluation of the source:

e
III. INSPECTION COMMENTS:

Z.)
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ADDITIO (See Page(s) NO
INSPECTOR'S SIGNATURE DATE:
SUPERVISOR'S COMMENTS:

SUPERVISOR'S SIGNATURE DATE:

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VIRGINIA STATE AIR POLLUTION CONTROL BOARD
VISIBLE EMISSION EVALUATION RECORD

DATE 7 /0

COMPANY REGISTRATION NO.

LOCATION
TO
EMISSION POINT NAME

OBSERVER CERTIFICATION EXPIRATION DATE_

INIT
CLOCK TIME: I AL P. M. FINAL

VISIBLE EMISSION READINGS

STEADY STATE SEOM SIE/H PLN
CHECK IF APPLICABLE (X IF INAPPLICABLE)
0 15 30 16 IET. Aff. cutoff IR. MIN. 0 15 30. 45. DET. ATT. anm
0 30
1 31
2 32
3 33
4 34
5 35
6 36
7 37
8 38
9 39
10 40
11 41
12 42
B 43
14 44
15 45
16 46
17 47
18 48
19 49
20 50
21 51
22 52
23 53
24 54
25 55
26 %
27 57
29 %
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29
SAPCB Form 13
(5/1/75)

I ITI L rINAL ---
OBSE FR LnCAIIDK nIAGRAM OF OBSERVER AND EMISSION-POU
DISTANCE TO DISCHARGE
DIRECTION TO DISCHARGE
HEIGHT OF OBSERVATION POINT
RACKGROMD DESCRIPTIDf1

HEATH
WIND DIRECTION
WIND SPEED
AMBIENT TEMPERATURE
SKY COTIBITIONS

PLUME DESCRIPTI a
0
COLOR
DISTANCE VISIBLE

COMMENTS

a, C5
F-w)

OBSERVER SIGNATURE

REGION DIRE'CTOR SIGN'ATURE;o

DATE 07/08/94

PIER IX

KT 404.91 EFF ----- > 85.23545 CEunc 159.69807 EIR BF. 0.00 HRS BF 0.00

Sb 0.3944039 ?/.EFF/C 0.0870194 FIR BF 0.00 FHRS BF = HRS

Si 0.3600831 Sp 0.2897300 EKF BF 0.00 KT BF 0.00

PASS-0

K KD Ci ECi KT EK/seq IR EIR HRS Fr Tf FIR EKF FHRS Ffr SL HVi EHVi HVT
Kc HviC EHviC #Cc T' CT-C' EK/seqC

B.F. N/A N/A N/A N/A 0.00 N/A N/A 0.000 0 0.00 - 0.00 0.00 0.00 0.0000 N/A N
/A N/A N/A

1 13.83 13.83 0 0 331.92 13.83 0.00 0.000 0 1.00 40 0.00 0.00 0.00 1.0000 0.39
44039 5.45 5.45 159.70 1 3.50 3.50 0 0 0.00 13.83
2 17.40 17.40 1 1 414.03 17.40 0.00 0.000 0 1.00 40 0.00 0.00 0.00 1.0000 0.33
76296 5.87 11.33 125.94 1 3.39 8.85 1 1 3.50 17.40
3 16.32 16.32 1 2 390.27 16.32 0.00 0.000 0 1.00 40 0.00 0.00 0.00 1.0000 0.22
23583 3.63 14.96 86.95 1 2.01 13.34 2 1 8.85 16.32
4 15.80 15.80 1 3 379.35 15.80 0.00 0.000 0 1.00 40 0.00 0.00 0.00 1.0000 0.14
62700 2.31 17.27 62.42 1 1.25 16.21 3 1 13.34 15.80
5 15.17 15.17 1 4 366.75 15.17 0.00 0.000 0 1.00 40 0.00 0.00 0.00 1.0000 0.09
60806 1.46 18.73 47.00 1 0.77 18.03 4 1 16.21 15.17
6 14.25 14.25 1 5 349.27 14.25 0.00 0.000 0 1.00 40 0.00 0.00 0.00 1.0000 0.06
29802 0.90 19.62 37.30 1 0.45 - 19.17 5 1 18.03 14.25
7 13.29 13.29 0 5 331.99 27.54 0.00 0.000 0 1.00 40 0.00 0.00 0.00 1.0000 0.06
48424 1.79 20.51 37.90 1 1.37 20.10 5 1 18.03 27.54
8 12.71 12.71 1 6 322.13 12.71 0.00 0.000 0 1.00 40 0.00 0.00 0.00 1.0000 0.04
23534 0.54 21.05 31.90 1 0.23 20.74 6 1 20.10 12.71
9 11.18 11.18 0 6 297.65 23.89 0.00 0.000 0 1.00 40 0.00 0.00 0.00 1.0000 0.04
34226 1.04 21.55 32.22 1 0.73 21.25 6 1 20.10 23.89
10 10.77 10.77 1 7 291.50 10.77 0.00 0.000 0 1.00 40 0.00 0.00 0.00 1.0000 0.0
282347 0.30 21.8,5 28.51 1 0.10 21.65 7 1 21.25 10.77
1 1 12.34 12.34 0 7 313.48 23.11 0.00 0.000 0 1.00 40 0.00 0.00 0.00 1.0000 0.
0290297 0.67 22.22 28.73 1 0.46 22.01 7 1 21.25 23.11
12 12.49 12.49 1 8 315.43 12.49 0.00 0.000 0 1.00 40 0.00 0.00 0.00 1.0000 0.0
189518 0.24 22.46 26.49 1 0.09 22.32 8 1 22.01 12.49
13 15.12 15.12 0 8 346.99 27.61 0.00 0.000 0 1.00 40 0.00 0.00 0.00 1.0000 0.0
195943 0.54 22.76 26.66 1 0.42 22.64 8 1 22-01 27.61
14 19.44 19.44 1 9 394.51 19.44 0.00 0.000 0 1.00 40 0.00 0.00 0.00 1.0000 0.0
129948 0.25 23.01 25.37 1 0.15 22.91 9 1 22.64 19.44
15 21.29 21.29 1 10 413.01 21.29 0.00 0.000 0 1.00 40 0.00 0.00 0.00 1.0000 0.
0086533 0.1 a 23.20 24.60 0 0.00 22.91 9 1 22.91 0.00
16 22.09 22.09 1 1 1 420.21 22.09 0.00 0.000 0 1.00 40 0.00 0.00 0.00 1.0000 0
,0057723 0.13 23,33 24.14 0 0.00 22.91 9 1 22-91 0.00
17 24.15 24.15 1 12 436.69 24.15 0.00 0.000 0 1.00 40 0.00 0.00 0.00 1.0000 0.
0038676 0.09 23.42 23.88 0 0.00 22.91 9 1 22.91 0.00
18 21.66 21.66 1 13 419.26 21.66 0.00 0.000 0 1.00 40 0.00 0.00 0.00 1.0000 0.
0025775 0.06 23.48 23.73 0 0.00 22.91 9 1 22.91 0.00
19 22.25 22.25 1 14 422.80 22.25 0.00 0.000 0 1.00 40 0.00 0.00 0.00 1.0000 0.
0017200 0.04 23.51 23.65 0 0.00 22.91 9 1 22.91 0.00
20 24.30 24.30 1 15 433.05 24.30 0.00 0.000 0 1.00 40 0.00 0.00 0.00 1.0000 0.
0011528 0.03 23.54 23.61 0 0.00 22.91 9 1 22-91 0.00
21 19.05 19.05 1 16 412.05 19.05 0.00 0.000 0 1.00 40 0.00 0.00 0.00 1.0000 0.
00D7639 0.01 23.56 23.59 0 0.00 22.91 9 1 22.91 0.00
22 14.59 14.59 1 17 398.67 14.59 0.00 0.000 0 1.00 40 0.00 0.00 0.00 1.0000 0.
0005011 0.01 23.56 23.58 0 0.00 22.91 9 1 22-91 0.00
23 15.31 15.31 0 17 400.11 29.90 0.00 0.000 0 1.00 40 0.00 0.00 0.00 1.0000 0.
0005181 0.02 23.57 23.58 0 0.00 22.91 9 1 22.91 0.00
24 20.11 20.11 1 18 404.91 20.11 0.00 0.000 0 1.00 40 0.00 0.00 0.00 1.0000 0.
0003-441 0.01 23.58 23.58 0 0.00 22.91 9 1 22.91 0.00

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P E F) I X PAS'-S

DATE 071/08/94

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TIME-KT

A LINCON. POTENTIAL CONTROLLED PESULTS