U. S. Steel
Clairton Works
400 State Street
Clairton, PA 15025-1855

April 24, 1998

RECEIVED
APR 29 1998
Air Protection Division (3AP13)

Director
Bureau of Air Quality Control
Department of Environmental Protection
Executive House - 2nd & Chestnut Sts.
P.O. Box 2357
Harrisburg, PA 17105-2357

Deputy Director
Department of Air Quality
Allegheny County Health Department
301 Thirty-ninth Street
Pittsburgh, PA 15201

U.S. Environmental Protection Agency
Region III
841 Chestnut Building
Philadelphia, PA 19107
ATTN: Director
Air Management Division

Chief, Office of Chief Counsel
Western Region
Department of Environmental Resources
400 Waterfront Drive
Pittsburgh, PA 15222-4745

Group Against Smog and Pollution
P.O. Box 5165
Pittsburgh, PA 15206
(Cover Letter Only)

CIVIL ACTION NO's. 79-709, 91-329
SECOND CONSENT DECREE
QUARTERLY REPORT - CLAIRTON WORKS

This submittal represents the Quarterly Report for the first quarter of 1998, as required by Paragraph XVIII.A and Appendix 6, Paragraph E of the Second Consent Decree.

"I certify, based upon by verification or the verification, at my direction, by those for whom I have supervisory responsibility, that the information contained in this submission is true, accurate and complete."

Very truly yours,

T. W. Goettge
General Manager Coking Operations
USS Clairton Works

TWG/kb-98049

Printed 04/23/98

TOPSIDE OBSERVATIONS

Report for PLANT=CLAIRTON WORKS and (INSPECTION DATE>=01/01/98 and INSPECTION DATE<=01/31/98)

	OFFTAKES					LIDS				
BATTERY	TOTAL # OFFTAKES OBSRV.	AVERAGE % OFFTAKES LEAKING	HIGHEST # OFFTAKES LEAKING	LOWEST # OFFTAKES LEAKING	STD. DEV. # OFFTAKES LEAKING	TOTAL # LIDS OBSRV.	AVERAGE % LIDS LEAKING	HIGHEST # LIDS LEAKING	LOWEST # LIDS LEAKING	STD. DEV. # LIDS LEAKING
01	31	0.43%	2	0	0.71	31	0.04%	1	0	0.30
02	31	0.85%	3	0	0.97	31	0.04%	1	0	0.30
03	31	0.42%	2	0	0.67	31	0.04%	1	0	0.30
07	31	0.83%	2	0	0.78	31	0.01%	1	0	0.18
08	31	0.90%	3	0	0.93	31	0.05%	1	0	0.34
09	31	1.00%	3	0	0.97	31	0.06%	1	0	0.37
13	31	1.14%	3	0	0.81	31	0.00%	0	0	0.00
14	31	1.01%	3	0	0.77	31	0.00%	0	0	0.00
15	31	0.76%	2	0	0.83	31	0.00%	0	0	0.00
19	31	0.67%	3	0	1.00	31	0.02%	1	0	0.25
20	31	0.72%	3	0	1.00	31	0.01%	1	0	0.18
B	31	0.79%	3	0	0.71	31	0.08%	1	0	0.44

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TOPSIDE OBSERVATIONS

Report for PLANT=CLAIRTON WORKS and (INSPECTION DATE>=02/01/98 and INSPECTION DATE<=02/28/98)

	OFFTAKES					LIDS				
BATTERY	TOTAL # OFFTAKES OBSRV.	AVERAGE % OFFTAKES LEAKING	HIGHEST # OFFTAKES LEAKING	LOWEST # OFFTAKES LEAKING	STD. DEV. # OFFTAKES LEAKING	TOTAL # LIDS OBSRV.	AVERAGE % LIDS LEAKING	HIGHEST # LIDS LEAKING	LOWEST # LIDS LEAKING	STD. DEV. # LIDS LEAKING
01	28	0.55%	3	0	1.00	28	0.07%	1	0	0.38
02	28	0.68%	2	0	0.80	28	0.04%	1	0	0.31
03	28	0.23%	2	0	0.59	28	0.03%	1	0	0.26
07	28	0.96%	5	0	1.18	28	0.00%	0	0	0.00
08	28	0.61%	3	0	0.87	28	0.03%	1	0	0.26
09	28	0.91%	3	0	0.86	28	0.07%	2	0	0.47
13	28	0.88%	4	0	1.00	28	0.00%	0	0	0.00
14	28	0.98%	2	0	0.82	28	0.00%	0	0	0.00
15	28	0.51%	2	0	0.62	28	0.00%	0	0	0.00
19	28	0.29%	3	0	0.87	28	0.01%	1	0	0.19
20	28	0.30%	2	0	0.73	28	0.00%	0	0	0.00
8	28	0.78%	3	0	0.82	28	0.04%	1	0	0.35

Report for PLANT=CLAIRTON WORKS and (INSPECTION DATE>=03/01/98 and INSPECTION DATE<=03/31/98)

	OFFTAKES					LIDS				
BATTERY	TOTAL # OFFTAKES OBSRV.	AVERAGE % OFFTAKES LEAKING	HIGHEST # OFFTAKES LEAKING	LOWEST # OFFTAKES LEAKING	STD. DEV. # OFFTAKES LEAKING	TOTAL # LIDS OBSRV.	AVERAGE % LIDS LEAKING	HIGHEST # LIDS LEAKING	LOWEST # LIDS LEAKING	STD. DEV. # LIDS LEAKING
01	31	0.49%	3	0	0.87	31	0.01%	1	0	0.18
02	31	0.51%	3	0	0.94	31	0.05%	1	0	0.34
03	31	0.32%	2	0	0.66	31	0.01%	1	0	0.18
07	31	1.05%	4	0	1.04	31	0.01%	1	0	0.18
08	31	0.99%	3	0	1.00	31	0.06%	1	0	0.37
09	31	1.15%	3	0	1.04	31	0.05%	1	0	0.34
13	31	1.07%	3	0	0.87	31	0.00%	0	0	0.00
14	31	0.78%	2	0	0.73	31	0.00%	0	0	0.00
15	31	0.51%	2	0	0.66	31	0.00%	0	0	0.00
19	31	0.72%	3	0	1.06	31	0.04%	1	0	0.34
20	31	0.45%	3	0	0.84	31	0.03%	1	0	0.30
B	31	0.72%	3	0	1.03	31	0.06%	1	0	0.40

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DOOR OBSERVATIONS

Report for PLANT=CLAIRTON WORKS and (INSPECTION DATE>=01/01/98 and INSPECTION DATE<=01/31/98)

	DOORS				
BATTERY	TOTAL # DOORS OBSRV.	AVERAGE % DOORS LEAKING	HIGHEST # DOORS LEAKING	LOWEST # DOORS LEAKING	STD. DEV. # DOORS LEAKING
01	31	0.49%	6	0	1.66
02	31	0.23%	4	0	1.13
03	31	0.54%	4	0	1.61
07	31	0.13%	4	0	1.12
08	31	0.18%	4	0	1.31
09	31	0.24%	8	0	1.57
13	31	1.36%	11	0	2.30
14	31	0.62%	6	0	1.34
15	31	0.29%	6	0	1.43
19	31	0.19%	5	0	1.16
20	31	0.55%	6	0	1.62
8	31	0.85%	5	0	1.34

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Report for PLANT=CLAIRTON WORKS and (INSPECTION DATE>=02/01/98 and INSPECTION DATE<=02/28/98)

	DOORS				
BATTERY	TOTAL # DOORS OBSRV.	AVERAGE % DOORS LEAKING	HIGHEST # DOORS LEAKING	LOWEST # DOORS LEAKING	STD. DEV. # DOORS LEAKING
01	28	0.40%	6	0	1.66
02	28	0.29%	4	0	1.27
03	28	0.31%	6	0	1.44
07	28	0.11%	4	0	1.10
08	28	0.00%	2	0	0.61
09	28	0.45%	8	0	1.89
13	28	1.37%	7	1	1.88
14	28	0.99%	7	0	1.86
15	28	0.29%	4	0	1.20
19	28	0.28%	6	0	1.37
20	28	0.08%	4	0	1.05
B	28	0.81%	5	0	1.38

ED_002508A_00000070-00006

Report for PLANT=CLAIRTON WORKS and (INSPECTION DATE>=03/01/98 and INSPECTION DATE<=03/31/98)

	DOORS				
BATTERY	TOTAL # DOORS OBSRV.	AVERAGE % DOORS LEAKING	HIGHEST # DOORS LEAKING	LOWEST # DOORS LEAKING	STD. DEV. # DOORS LEAKING
01	31	0.36%	4	0	1.50
02	31	0.46%	7	0	1.59
03	31	0.36%	4	0	1.40
07	31	0.34%	7	0	1.67
08	31	0.21%	4	0	1.29
09	31	0.43%	6	0	1.82
13	31	1.15%	10	0	2.31
14	31	0.50%	9	0	1.90
15	31	0.31%	4	0	1.25
19	31	0.31%	6	0	1.44
20	31	0.51%	9	0	2.19
B	31	0.25%	3	0	0.82

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CHARGING OBSERVATIONS

Report for PLANT=CLAIRTON WORKS and (INSPECTION DATE>=01/01/98 and INSPECTION DATE<=01/31/98)

	CHARGING				
BATTERY	TOTAL # OBSERVATIONS	AVERAGE SECONDS/CHARGE	HIGHEST TOTAL SECONDS	LOWEST TOTAL SECONDS	STD. DEV. TOTAL SECONDS
01	31	4.06	31.0	6.0	5.20
02	31	3.96	30.0	5.0	5.51
03	31	3.65	29.0	5.0	5.25
07	31	4.51	37.5	9.0	7.25
08	31	5.07	84.0	10.0	13.38
09	31	4.68	31.0	8.0	5.61
13	31	4.96	46.5	11.5	6.98
14	31	5.96	229.0	11.0	36.81
15	31	4.67	52.0	12.0	7.37
19	31	4.67	32.5	9.0	4.56
20	31	4.41	29.0	12.0	4.77
B	31	7.12	152.0	17.0	23.73

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Report for PLANT=CLAIRTON WORKS and (INSPECTION DATE>=02/01/98 and INSPECTION DATE<=02/28/98)

	CHARGING				
BATTERY	TOTAL # OBSERVATIONS	AVERAGE SECONDS/CHARGE	HIGHEST TOTAL SECONDS	LOWEST TOTAL SECONDS	STD. DEV. TOTAL SECONDS
01	28	3.89	37.0	7.0	6.71
02	28	3.73	26.0	9.0	4.71
03	28	3.62	23.5	7.0	3.78
07	28	4.21	31.0	6.0	5.95
08	28	5.30	44.5	8.0	9.25
09	28	4.55	33.0	9.0	5.63
13	28	5.05	44.0	14.0	8.11
14	28	4.69	54.5	9.0	9.61
15	28	4.65	33.5	12.0	5.96
19	28	5.04	32.0	5.0	6.01
20	28	4.70	38.5	11.0	7.51
8	28	5.70	54.0	10.0	9.70

ED_002508A_00000070-00009

Report for PLANT=CLAIRTON WORKS and (INSPECTION DATE>=03/01/98 and INSPECTION DATE<=03/31/98)

	CHARGING				
BATTERY	TOTAL # OBSERVATIONS	AVERAGE SECONDS/CHARGE	HIGHEST TOTAL SECONDS	LOWEST TOTAL SECONDS	STD. DEV. TOTAL SECONDS
01	31	3.86	20.5	9.0	2.74
02	31	3.74	27.0	8.5	3.98
03	31	4.08	49.0	8.0	7.04
07	31	5.24	60.0	10.0	9.76
08	31	6.38	112.0	9.0	17.44
09	31	5.53	67.0	10.5	10.53
13	31	5.49	137.5	10.0	22.24
14	31	4.08	31.5	11.0	4.66
15	31	4.77	52.5	9.0	7.89
19	31	5.11	33.0	12.0	5.60
20	31	4.90	33.0	15.0	4.36
B	31	5.59	50.0	12.0	7.64

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Report for PLANT=CLAIRTON WORKS and (INSPECTION DATE>=01/01/98 and INSPECTION DATE<=01/31/98)

	STACKS		
BATTERY	TOTAL # OBSERVATIONS	AVG. MINUTES >=20%	AVG. MINUTES >=60%
01	31	1.73	0.00
02	31	1.40	0.00
03	31	0.32	0.06
07	31	0.10	0.00
08	31	0.56	0.03
09	31	0.39	0.00
13	31	0.00	0.00
14	31	0.00	0.00
15	31	0.00	0.00
19	31	0.10	0.00
20	31	0.56	0.02
B	31	0.27	0.00

ED_002508A_00000070-00011

Report for PLANT=CLAIRTON WORKS and (INSPECTION DATE>=02/01/98 and INSPECTION DATE<=02/28/98)

	STACKS		
BATTERY	TOTAL # OBSERVATIONS	AVG. MINUTES >=20%	AVG. MINUTES >=60%
01	28	0.00	0.00
02	28	0.71	0.00
03	28	0.24	0.00
07	28	0.42	0.00
08	28	0.02	0.00
09	28	0.16	0.00
13	28	0.04	0.00
14	28	0.08	0.00
15	28	0.04	0.00
19	28	1.13	0.00
20	28	0.30	0.00
8	28	0.72	0.03

ED_002508A_00000070-00012

Report for PLANT=CLAIRTON WORKS and (INSPECTION DATE>=03/01/98 and INSPECTION DATE<=03/31/98)

	STACKS		
BATTERY	TOTAL # OBSERVATIONS	AVG. MINUTES >=20%	AVG. MINUTES >=60%
01	31	0.10	0.00
02	31	1.29	0.00
03	31	0.62	0.19
07	31	0.28	0.07
08	31	0.02	0.00
09	31	0.10	0.00
13	31	0.03	0.00
14	31	0.00	0.00
15	31	0.08	0.00
19	31	0.26	0.00
20	31	0.31	0.00
8	31	0.00	0.00

ED_002508A_00000070-00013

Report for PLANT=CLAIRTON WORKS and (INSPECTION DATE>=01/01/98 and INSPECTION DATE<=01/31/98)

		PUSHING		TRAVEL	
BATTERY	TOTAL # OBSERVATIONS	AVG. SEC. >=20%	MAX OPACITY	AVG. SEC. >=10%	MAX OPACITY
01	28	1.93	100%	2.21	90%
02	28	2.29	85%	2.25	90%
03	28	0.82	80%	1.36	30%
07	31	2.65	100%	2.10	85%
08	31	0.00	15%	0.00	10%
09	31	0.35	40%	0.58	25%
13	31	0.00	15%	0.00	10%
14	31	0.19	80%	0.00	10%
15	31	0.94	100%	0.00	10%
19	31	1.55	75%	0.45	30%
20	31	1.39	90%	0.77	40%

ED_002508A_00000070-00014

PUSH/TRAVEL OBSERVATIONS

Report for PLANT=CLAIRTON WORKS and (INSPECTION DATE>=02/01/98 and INSPECTION DATE<=02/28/98)

		PUSHING		TRAVEL	
BATTERY	TOTAL # OBSERVATIONS	AVG. SEC. >=20%	MAX OPACITY	AVG. SEC. >=10%	MAX OPACITY
01	28	2.25	100%	0.50	40%
02	28	0.00	15%	0.00	10%
03	28	2.14	100%	2.57	60%
07	27	0.85	50%	1.81	90%
08	27	0.00	15%	0.00	10%
09	27	0.81	85%	1.04	35%
13	28	1.32	100%	1.14	50%
14	28	0.00	15%	0.00	10%
15	28	0.43	75%	0.75	40%
19	28	1.82	90%	0.00	10%
20	28	0.00	15%	0.00	10%

ED_002508A_00000070-00015

PUSH/TRAVEL OBSERVATIONS

Report for PLANT=CLAIRTON WORKS and (INSPECTION DATE>=03/01/98 and INSPECTION DATE<=03/31/98)

		PUSHING		TRAVEL	
BATTERY	TOTAL # OBSERVATIONS	AVG. SEC. >=20%	MAX OPACITY	AVG. SEC. >=10%	MAX OPACITY
01	31	0.42	90%	0.84	60%
02	31	0.00	15%	0.00	10%
03	31	0.00	15%	0.00	10%
07	31	2.55	100%	2.00	70%
08	31	0.55	50%	0.61	65%
09	31	1.06	60%	0.48	25%
13	31	0.00	15%	0.00	10%
14	31	0.00	10%	0.00	10%
15	31	0.00	15%	0.00	10%
19	31	2.23	100%	0.39	30%
20	31	0.87	75%	0.61	40%

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SHED OBSERVATIONS

Report for PLANT=CLAIRTON WORKS and (INSPECTION DATE>=01/01/98 and INSPECTION DATE<=01/31/98)

	SHED OBSERVATIONS		
BATTERY	TOTAL # OBSERVATIONS	AVG SEC.>=20%	MAX OPACITY
B	31	1.58	65%

Report for PLANT=CLAIRTON WORKS and (INSPECTION DATE>=02/01/98 and INSPECTION DATE<=02/28/98)

	SHED OBSERVATIONS		
BATTERY	TOTAL # OBSERVATIONS	AVG SEC.>=20%	MAX OPACITY
B	28	1.75	75%

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SHED OBSERVATIONS

Report for PLANT=CLAIRTON WORKS and (INSPECTION DATE>=03/01/98 and INSPECTION DATE<=03/31/98)

	SHED OBSERVATIONS		
BATTERY	TOTAL # OBSERVATIONS	AVG SEC.>=20%	MAX OPACITY
B	31	1.13	70%

USS - A DIVISION OF USX CORPORATION

U.S. STEEL, CLAIRTON WORKS

DUST SUPPRESSANT APPLICATION SUMMARY FOR PAVED ROAD BERMS

DATE	ROAD NUMBER(S)	DILUTION RATIO
	JANUARY, 1998	
01/06	C-1, C-2, C-4, C-8, C-9, C-10, C-13, C-14, C-15	7:1
	FEBRUARY, 1998	
02/02	C-1, C-2, C-3, C-9, C-10,	7:1
02/10	C-1, C-2, C-6, C-10, C-12	7:1
	MARCH, 1998	
03/27	C-11, C-14, C-10, C-4, C-7 C-1, C-2, C-13, Coal Storage	7:1
03/30	C-11, Maple, Wabash, Benzene Parking lots	7:1
03/31	C-1 thru C14 berms, Coal Storage, All Parking lots	7:1

USS - A DIVISION OF USX CORPORATION

U.S. STEEL, CLAIRTON WORKS

VACUUM SWEEPING SUMMARY

JANUARY, 1998

WEEK	DAYS	ROAD NO.	REQUIRED DAYS OF CONTROL	TOTAL DAYS OF CONTROL	REASON FOR EXCLUSION
			CLAIRTON		
1	1-7	C-1	3	5	MINIMUM REQUIREMENT SATISFIED
1	1-7	C-2	3	5	MINIMUM REQUIREMENT SATISFIED
2	8-14	C-1	3	2	NONE
2	8-14	C-2	3	3	MINIMUM REQUIREMENT SATISFIED
3	15-21	C-1	3	6	MINIMUM REQUIREMENT SATISFIED
3	15-21	C-2	3	5	MINIMUM REQUIREMENT SATISFIED
4	22-31	C-1	3	6	MINIMUM REQUIREMENT SATISFIED
4	22-31	C-2	3	5	MINIMUM REQUIREMENT SATISFIED
		C-3	2/month	7	MINIMUM REQUIREMENT SATISFIED

USS - A DIVISION OF USX CORPORATION

U.S. STEEL, CLAIRTON WORKS

VACUUM SWEEPING SUMMARY

FEBRUARY, 1998

WEEK	DAYS	ROAD NO.	REQUIRED DAYS OF CONTROL	TOTAL DAYS OF CONTROL	REASON FOR EXCLUSION
			CLAIRTON		
1	1-7	C-1	3	3	MINIMUM REQUIREMENT SATISFIED
1	1-7	C-2	3	2	NONE
2	8-14	C-1	3	2	TEMP. INVERSION, HIGH PM-10
2	8-14	C-2	3	2	TEMP. INVERSION, HIGH PM-10
3	15-21	C-1	3	6	MINIMUM REQUIREMENT SATISFIED
3	15-21	C-2	3	7	MINIMUM REQUIREMENT SATISFIED
4	22-28	C-1	3	4	MINIMUM REQUIREMENT SATISFIED
4	22-28	C-2	3	4	MINIMUM REQUIREMENT SATISFIED
		C-3	2/MONTH	7	MINIMUM REQUIREMENT SATISFIED

USS - A DIVISION OF USX CORPORATION

U.S. STEEL, CLAIRTON WORKS

VACUUM SWEEPING SUMMARY

MARCH, 1998

WEEK/	DAYS	ROAD NO.	REQUIRED DAYS OF CONTROL	TOTAL DAYS OF CONTROL	REASON FOR EXCLUSION
			CLAIRTON		
1	1-7	C-1	3	7	MINIMUM REQUIREMENT SATISFIED
1	1-7	C-2	3	6	MINIMUM REQUIREMENT STAISFIED
2	8-14	C-1	3	3	MINIMUM REQUIREMENT SATISFIED
2	8-14	C-2	3	2	INCLEMENT WEATHER
3	15-21	C-1	3	3	MINIMUM REQUIREMENT SATISFIED
3	15-21	C-2	3	4	MINIMUM REQUIREMENT SATISFIED
4	22-31	C-1	3	6	MINIMUM REQUIREMENT SATISFIED
4	22-31	C-2	3	6	MINIMUM REQUIREMENT SATISFIED
		C-3	2/MONTH	12	MINIMUM REQUIREMENT SATISFIED

USS - A DIVISION OF USX CORPORATION

U.S. STEEL, CLAIRTON WORKS

NON CONSENT DECREE ROADWAYS

JANUARY, 1998

ROAD	TOTAL DAYS OF CONTROL
C-4	16
C-5	13
C-6	20
C-7	14
C-8	16
C-9	13
C-10	17
C-11	1
C-12	1
C-13	1
C-14	0
RT 837	0

FEBRUARY 1998

ROAD	TOTAL DAYS OF CONTROL
C-4	12
C-5	10
C-6	17
C-7	12
C-8	11
C-9	8
C-10	14
C-11	0
C-12	0
C-13	1
C-14	0
RT 837	0

USS - A DIVISION OF USX CORPORATION

U.S. STEEL, CLAIRTON WORKS

NON CONSENT DECREE ROADWAYS

MARCH, 1998

ROAD	TOTAL DAYS OF CONTROL
C-4	13
C-5	10
C-6	17
C-7	13
C-8	8
C-9	12
C-10	14
C-11	2
C-12	1
C-13	1
C-14	1
RT 837	0