~~54-004-00002~~ ~~WV0000450002~~ Hagedorn

United States Steel Corporation
Clairton Works
400 State Street
Clairton, PA 15025

42-003-00032

PAACH0004200300032

April 5, 2016

RECEIVED
APR 11 2016
Air Protection Division

Bernard E. Turlinski, Chief
Air Enforcement Branch (3AT20)
U.S. EPA, Region III
1650 Arch Street
Philadelphia, PA 19103-2029

SUBJECT: Monthly Monitoring Report

Dear Mr. Turlinski,

Enclosed, as requested in your letter of March 10, 1994 to Dr. Charles G. Carson III, is a copy of the Method 303 monitoring results for the U.S. Steel Clairton Works batteries for the month of March 2016.

Please do not hesitate to call me at (412) 233-1467 if you have any questions on this data.

Sincerely,

Michael G. Dzurinko

Michael G. Dzurinko
Director, Environmental Control

cc: William U. Clark, Allegheny County Health Department

JS Steel
Clairton Works
Veo.6.4.6

MONITORING REPORT
FOR BATTERY: 01
FROM: 3/1/2016 TO: 3/31/2016

REASON: Routine | REGULATION: All | AGENCY: All

BATTERY 01	←	DAILY	PERCENTAGE	→	←	30 DAY	AVERAGE	→
	CHARGING	% DOORS	% LIDS	% OFFT	CHARGING	% DOORS	% LIDS	% OFFT
DATE	LOG AVG	LEAKING	LEAKING	LEAKING	LOG AVG	LEAKING	LEAKING	LEAKING
03/01/16	5.09	1.56	0.00	1.64	4.50	1.37	0.04	0.90
03/02/16	7.77	0.00	0.00	0.00	4.57	1.37	0.04	0.85
03/03/16	4.62	1.56	0.00	0.00	4.51	1.31	0.00	0.74
03/04/16	3.18	1.56	0.00	0.00	4.46	1.31	0.00	0.74
03/05/16	1.19	0.78	0.00	0.00	4.08	1.37	0.00	0.74
03/06/16	7.02	2.34	0.00	0.00	4.46	1.39	0.00	0.74
03/07/16	9.27	3.13	0.00	0.00	4.61	1.55	0.00	0.72
03/08/16	4.81	1.56	0.00	0.00	4.67	1.42	0.00	0.74
03/09/16	4.79	0.78	0.00	0.00	4.66	1.44	0.00	0.74
03/10/16	6.19	0.78	0.00	0.81	4.64	1.44	0.00	0.72
03/11/16	4.00	3.13	0.00	0.00	4.91	1.55	0.00	0.74
03/12/16	3.86	1.56	0.00	0.82	4.78	1.52	0.00	0.66
03/13/16	8.94	3.13	0.00	0.00	4.91	1.63	0.00	0.72
03/14/16	8.83	1.56	0.00	0.85	5.05	1.65	0.00	0.63
03/15/16	4.75	0.78	0.00	0.82	5.08	1.58	0.00	0.72
03/16/16	5.72	0.79	0.00	0.00	5.11	1.50	0.00	0.69
03/17/16	2.87	1.59	0.00	0.00	5.06	1.65	0.00	0.56
03/18/16	3.37	11.90	0.00	0.00	5.05	1.84	0.00	0.69
03/19/16	4.62	1.56	0.00	0.81	5.05	1.96	0.00	0.58
03/20/16	8.48	3.13	0.00	1.59	5.11	1.92	0.00	0.71
03/21/16	9.76	3.13	0.00	0.00	5.30	2.05	0.00	0.60
03/22/16	5.34	2.36	0.00	2.46	5.24	2.04	0.00	0.49
03/23/16	8.22	1.61	0.00	0.00	5.27	2.04	0.00	0.41
03/24/16	3.89	0.00	0.00	0.81	5.28	1.99	0.00	0.44
03/25/16	4.70	0.00	0.00	0.00	5.33	1.99	0.00	0.41
03/26/16	4.91	0.00	0.00	0.00	5.42	1.86	0.00	0.41
03/27/16	8.28	2.38	0.00	2.38	5.49	1.99	0.00	0.49
03/28/16	7.46	2.38	0.00	0.83	5.51	2.02	0.00	0.49
03/29/16	4.88	0.00	0.00	0.00	5.44	2.02	0.00	0.44
03/30/16	5.37	0.00	0.00	0.00	5.52	1.99	0.00	0.41
03/31/16	3.13	0.79	0.00	0.00	5.49	1.81	0.00	0.38

JS Steel
Clairton Works
Veo.6.4.6

MONITORING REPORT
FOR BATTERY: 02
FROM: 3/1/2016 TO: 3/31/2016

REASON: Routine | REGULATION: All | AGENCY: All

BATTERY 02	←	DAILY	PERCENTAGE	→	←	30 DAY	AVERAGE	→
	CHARGING	% DOORS	% LIDS	% OFFT	CHARGING	% DOORS	% LIDS	% OFFT
DATE	LOG AVG	LEAKING	LEAKING	LEAKING	LOG AVG	LEAKING	LEAKING	LEAKING
03/01/16	3.74	0.81	0.00	1.69	4.18	1.07	0.00	0.53
03/02/16	5.61	0.00	0.00	0.83	4.24	0.94	0.00	0.45
03/03/16	3.13	0.00	0.00	0.82	4.21	0.86	0.00	0.45
03/04/16	4.21	0.00	0.00	0.00	4.19	0.86	0.00	0.42
03/05/16	1.18	0.00	0.00	0.00	3.93	0.83	0.00	0.45
03/06/16	4.99	1.59	0.00	1.75	4.27	0.88	0.00	0.48
03/07/16	5.05	0.79	0.00	1.59	4.27	0.86	0.00	0.53
03/08/16	4.29	0.79	0.00	0.83	4.22	0.91	0.00	0.50
03/09/16	6.50	0.00	0.00	0.00	4.28	0.88	0.00	0.48
03/10/16	5.83	0.81	0.00	0.00	4.37	0.83	0.00	0.47
03/11/16	4.00	0.00	0.00	0.00	4.40	0.86	0.00	0.48
03/12/16	3.48	0.81	0.00	0.00	4.41	0.80	0.00	0.45
03/13/16	10.25	1.61	0.00	1.69	4.57	0.86	0.00	0.51
03/14/16	4.89	0.81	0.00	0.81	4.57	0.83	0.00	0.53
03/15/16	4.14	0.00	0.00	0.85	4.61	0.83	0.00	0.48
03/16/16	6.06	0.00	0.00	0.86	4.67	0.83	0.00	0.48
03/17/16	2.90	0.00	0.00	0.82	4.57	0.78	0.00	0.59
03/18/16	4.14	0.00	0.00	0.00	4.59	0.78	0.00	0.46
03/19/16	3.28	0.79	0.00	0.00	4.59	0.78	0.00	0.56
03/20/16	6.34	1.59	0.00	1.72	4.57	0.83	0.00	0.54
03/21/16	3.95	0.00	0.00	0.00	4.54	0.78	0.00	0.54
03/22/16	4.05	1.61	0.00	1.67	4.43	0.83	0.00	0.62
03/23/16	3.16	0.81	0.00	0.00	4.39	0.86	0.00	0.56
03/24/16	3.54	1.59	0.00	0.00	4.42	0.88	0.00	0.50
03/25/16	4.07	0.00	0.00	0.00	4.41	0.83	0.00	0.50
03/26/16	4.24	0.78	0.00	0.00	4.43	0.88	0.00	0.50
03/27/16	5.38	3.13	0.00	2.42	4.51	0.91	0.00	0.58
03/28/16	5.48	1.56	0.00	0.00	4.53	0.96	0.00	0.58
03/29/16	5.75	0.00	0.00	1.56	4.54	0.93	0.00	0.61
03/30/16	5.53	1.56	0.00	0.00	4.63	0.99	0.00	0.55
03/31/16	3.89	0.00	0.00	1.59	4.63	0.69	0.00	0.58

JS Steel
Clairton Works
Veo.6.4.6

MONITORING REPORT
FOR BATTERY: 03
FROM: 3/1/2016 TO: 3/31/2016

REASON: Routine REGULATION: All AGENCY: All

BATTERY 03	←	DAILY	PERCENTAGE	→	←	30 DAY	AVERAGE	→
	CHARGING	% DOORS	% LIDS	% OFFT	CHARGING	% DOORS	% LIDS	% OFFT
DATE	LOG AVG	LEAKING	LEAKING	LEAKING	LOG AVG	LEAKING	LEAKING	LEAKING
03/01/16	4.70	0.81	0.00	1.61	4.07	1.96	0.00	0.66
03/02/16	3.37	1.61	0.00	0.00	4.02	1.99	0.00	0.61
03/03/16	3.28	0.83	0.00	0.00	4.02	1.94	0.00	0.61
03/04/16	4.96	8.06	0.00	0.00	4.04	2.18	0.00	0.61
03/05/16	1.15	1.61	0.00	0.00	3.83	2.15	0.00	0.61
03/06/16	7.89	3.28	0.00	1.64	4.15	2.23	0.00	0.66
03/07/16	7.32	9.84	0.00	0.00	4.27	2.48	0.00	0.64
03/08/16	4.33	0.82	0.00	0.82	4.30	2.48	0.00	0.69
03/09/16	5.79	0.00	0.00	0.86	4.35	2.43	0.00	0.69
03/10/16	5.66	2.46	0.00	0.00	4.44	2.51	0.00	0.64
03/11/16	4.45	0.00	0.00	0.00	4.46	2.43	0.00	0.69
03/12/16	3.13	1.59	0.00	0.00	4.39	2.41	0.00	0.61
03/13/16	8.75	3.17	0.00	1.59	4.54	2.46	0.00	0.72
03/14/16	6.69	1.59	0.00	1.67	4.59	2.49	0.00	0.72
03/15/16	3.95	0.79	0.00	2.38	4.64	2.48	0.00	0.77
03/16/16	3.54	1.59	0.00	1.59	4.62	2.43	0.00	0.74
03/17/16	3.13	1.61	0.00	0.00	4.60	2.44	0.00	0.74
03/18/16	3.57	2.42	0.00	0.00	4.64	2.46	0.00	0.74
03/19/16	3.04	1.61	0.00	0.85	4.58	2.44	0.00	0.75
03/20/16	8.19	0.81	0.00	1.67	4.61	2.41	0.00	0.77
03/21/16	5.96	0.00	0.00	1.64	4.65	2.41	0.00	0.83
03/22/16	4.10	1.61	0.00	0.81	4.59	2.04	0.00	0.74
03/23/16	6.56	2.42	0.00	0.00	4.66	2.09	0.00	0.72
03/24/16	3.13	0.81	0.00	1.61	4.58	2.10	0.00	0.77
03/25/16	3.98	1.64	0.00	0.00	4.60	2.12	0.00	0.72
03/26/16	4.75	0.82	0.00	0.82	4.60	2.04	0.00	0.77
03/27/16	6.65	3.28	0.00	1.69	4.72	2.13	0.00	0.75
03/28/16	6.32	1.64	0.00	0.66	4.75	2.15	0.00	0.77
03/29/16	4.94	1.59	0.00	3.39	4.75	2.10	0.00	0.83
03/30/16	4.55	0.00	0.00	0.00	4.69	2.05	0.00	0.78
03/31/16	3.54	1.61	0.00	0.00	4.69	1.97	0.00	0.77

JS Steel
Clairton Works
Veo.6.4.6

MONITORING REPORT
FOR BATTERY: 13
FROM: 3/1/2016 TO: 3/31/2016

REASON: Routine | REGULATION: All | AGENCY: All

BATTERY13	←	DAILY	PERCENTAGE	→	←	30 DAY	AVERAGE	→
	CHARGING	% DOORS	% LIDS	% OFFT	CHARGING	% DOORS	% LIDS	% OFFT
DATE	LOG AVG	LEAKING	LEAKING	LEAKING	LOG AVG	LEAKING	LEAKING	LEAKING
03/01/16	5.30	0.00	0.00	2.54	3.56	0.52	0.00	0.70
03/02/16	3.57	0.00	0.00	0.82	3.55	0.41	0.00	0.64
03/03/16	3.18	0.00	0.00	1.69	3.56	0.39	0.00	0.64
03/04/16	3.04	0.00	0.00	0.00	3.51	0.39	0.00	0.59
03/05/16	3.13	0.00	0.00	0.82	3.51	0.36	0.00	0.62
03/06/16	4.69	0.82	0.00	0.82	3.56	0.28	0.00	0.67
03/07/16	3.64	0.82	0.00	0.00	3.55	0.30	0.00	0.67
03/08/16	4.39	0.00	0.00	0.85	3.57	0.33	0.00	0.62
03/09/16	3.66	0.00	0.00	0.00	3.57	0.25	0.00	0.70
03/10/16	4.81	0.00	0.00	0.00	3.64	0.25	0.00	0.62
03/11/16	3.13	0.00	0.00	0.00	3.62	0.25	0.00	0.62
03/12/16	3.12	0.83	0.00	0.83	3.62	0.25	0.00	0.64
03/13/16	3.52	2.50	0.00	0.88	3.63	0.36	0.00	0.70
03/14/16	3.83	0.00	0.00	0.00	3.65	0.30	0.00	0.67
03/15/16	4.04	0.83	0.00	0.86	3.65	0.25	0.00	0.65
03/16/16	3.80	0.00	0.00	1.72	3.69	0.25	0.00	0.70
03/17/16	2.57	0.00	0.00	0.00	3.64	0.25	0.00	0.70
03/18/16	3.13	0.00	0.00	1.64	3.65	0.25	0.00	0.73
03/19/16	3.36	0.00	0.00	0.82	3.66	0.25	0.00	0.70
03/20/16	4.01	2.46	0.00	1.64	3.68	0.28	0.00	0.73
03/21/16	1.09	0.82	0.00	1.64	3.45	0.38	0.00	0.76
03/22/16	6.19	0.00	0.00	0.85	3.74	0.36	0.00	0.73
03/23/16	3.73	0.00	0.00	0.85	3.76	0.36	0.00	0.76
03/24/16	2.73	0.00	0.00	0.00	3.72	0.36	0.00	0.76
03/25/16	3.17	0.00	0.00	0.00	3.68	0.36	0.00	0.76
03/26/16	3.74	0.00	0.00	0.00	3.70	0.36	0.00	0.76
03/27/16	4.74	0.00	0.00	0.82	3.73	0.36	0.00	0.79
03/28/16	3.04	0.82	0.00	0.00	3.72	0.36	0.00	0.79
03/29/16	3.18	0.00	0.00	0.00	3.73	0.33	0.00	0.79
03/30/16	3.50	0.00	0.00	0.00	3.76	0.30	0.00	0.73
03/31/16	2.95	0.00	0.00	0.00	3.71	0.30	0.00	0.70

US Steel
Clairton Works
Veo 6.4.6

MONITORING REPORT
FOR BATTERY: 14
FROM: 3/1/2016 TO: 3/31/2016

REASON: Routine REGULATION: All AGENCY: All

BATTERY 14	←	DAILY	PERCENTAGE	→	←	30 DAY	AVERAGE	→
	CHARGING	% DOORS	% LIDS	% OFFT	CHARGING	% DOORS	% LIDS	% OFFT
DATE	LOG AVG	LEAKING	LEAKING	LEAKING	LOG AVG	LEAKING	LEAKING	LEAKING
03/01/16	4.28	0.00	0.00	0.85	3.69	0.33	0.00	0.62
03/02/16	3.06	0.00	0.00	1.64	3.64	0.44	0.00	0.59
03/03/16	3.00	0.00	0.00	0.00	3.64	0.44	0.00	0.59
03/04/16	6.28	0.00	0.00	0.00	3.75	0.44	0.00	0.59
03/05/16	3.92	0.00	0.00	0.00	3.68	0.41	0.00	0.59
03/06/16	3.03	0.00	0.00	1.64	3.65	0.38	0.00	0.61
03/07/16	3.13	0.00	0.00	0.00	3.66	0.33	0.00	0.59
03/08/16	5.96	0.00	0.00	0.85	3.71	0.41	0.00	0.62
03/09/16	3.37	0.00	0.00	1.64	3.83	0.33	0.00	0.56
03/10/16	3.74	0.00	0.00	0.00	3.82	0.38	0.00	0.59
03/11/16	4.24	0.82	0.00	0.00	3.86	0.36	0.00	0.56
03/12/16	4.07	0.00	0.00	0.82	3.85	0.36	0.00	0.59
03/13/16	4.60	2.46	0.00	0.00	3.87	0.44	0.00	0.47
03/14/16	3.54	0.82	0.00	0.82	3.88	0.38	0.00	0.50
03/15/16	2.55	0.82	0.00	0.00	3.79	0.38	0.00	0.56
03/16/16	5.96	0.00	0.00	1.64	3.82	0.38	0.00	0.56
03/17/16	2.95	0.00	0.00	0.00	3.74	0.38	0.00	0.50
03/18/16	4.83	0.00	0.00	0.00	3.73	0.38	0.00	0.44
03/19/16	3.56	0.00	0.00	1.64	3.70	0.38	0.00	0.50
03/20/16	4.73	0.00	0.00	0.85	3.73	0.30	0.00	0.47
03/21/16	1.07	0.00	0.00	0.83	3.44	0.33	0.00	0.47
03/22/16	8.77	0.00	0.00	0.00	3.73	0.33	0.00	0.44
03/23/16	3.21	0.00	0.00	0.83	3.73	0.33	0.00	0.44
03/24/16	4.45	0.00	0.00	0.00	3.76	0.33	0.00	0.44
03/25/16	4.58	0.00	0.00	0.00	4.01	0.33	0.00	0.44
03/26/16	4.86	0.00	0.00	1.64	4.02	0.33	0.00	0.50
03/27/16	3.72	0.00	0.00	0.00	3.99	0.33	0.00	0.44
03/28/16	3.22	0.00	0.00	0.00	3.93	0.27	0.00	0.44
03/29/16	3.34	0.00	0.00	0.00	3.94	0.27	0.00	0.44
03/30/16	5.73	0.82	0.00	0.00	3.93	0.25	0.00	0.44
03/31/16	3.97	0.00	0.00	0.00	3.89	0.19	0.00	0.44

US Steel
Clairton Works
Veo 6.4.6

MONITORING REPORT
FOR BATTERY: 15
FROM: 3/1/2016 TO: 3/31/2016

REASON: Routine REGULATION: All AGENCY: All

BATTERY 15	←	DAILY	PERCENTAGE	→	←	30 DAY	AVERAGE	→
	CHARGING	% DOORS	% LIDS	% OFFT	CHARGING	% DOORS	% LIDS	% OFFT
DATE	LOG AVG	LEAKING	LEAKING	LEAKING	LOG AVG	LEAKING	LEAKING	LEAKING
03/01/16	3.79	1.69	0.00	1.69	3.61	0.56	0.00	0.40
03/02/16	3.29	0.85	0.00	0.86	3.61	0.59	0.00	0.40
03/03/16	4.72	0.00	0.00	0.00	3.67	0.59	0.00	0.40
03/04/16	3.57	0.00	0.00	0.85	3.68	0.59	0.00	0.43
03/05/16	4.25	0.00	0.00	0.00	3.70	0.59	0.00	0.40
03/06/16	3.62	0.85	0.00	0.00	3.68	0.51	0.00	0.40
03/07/16	3.62	0.00	0.00	0.00	3.67	0.51	0.00	0.40
03/08/16	3.19	0.00	0.00	0.00	3.69	0.53	0.00	0.40
03/09/16	2.78	0.00	0.00	0.00	3.63	0.48	0.00	0.37
03/10/16	2.73	0.00	0.00	0.00	3.57	0.48	0.00	0.40
03/11/16	3.96	0.00	0.00	0.00	3.61	0.48	0.00	0.40
03/12/16	3.73	0.00	0.00	0.00	3.60	0.45	0.00	0.40
03/13/16	3.04	0.00	0.00	0.00	3.58	0.45	0.00	0.35
03/14/16	3.13	0.85	0.00	0.85	3.58	0.48	0.00	0.37
03/15/16	4.59	0.00	0.00	0.88	3.56	0.45	0.00	0.43
03/16/16	3.14	0.85	0.00	1.69	3.48	0.48	0.00	0.46
03/17/16	3.34	0.00	0.00	0.00	3.45	0.48	0.00	0.46
03/18/16	3.74	0.00	0.00	0.85	3.47	0.45	0.00	0.49
03/19/16	3.91	0.85	0.00	0.85	3.48	0.48	0.00	0.49
03/20/16	3.44	0.00	0.00	0.85	3.46	0.48	0.00	0.48
03/21/16	1.27	0.85	0.00	0.00	3.35	0.48	0.00	0.37
03/22/16	4.25	0.00	0.00	0.88	3.61	0.45	0.00	0.37
03/23/16	3.38	0.00	0.00	1.69	3.61	0.39	0.00	0.43
03/24/16	3.00	0.00	0.00	0.00	3.56	0.39	0.00	0.43
03/25/16	4.14	0.83	0.00	0.00	3.72	0.42	0.00	0.43
03/26/16	4.30	0.00	0.00	0.83	3.73	0.42	0.00	0.46
03/27/16	4.19	1.67	0.00	0.83	3.72	0.48	0.00	0.46
03/28/16	4.11	0.00	0.00	0.85	3.69	0.39	0.00	0.49
03/29/16	2.95	0.00	0.00	0.00	3.68	0.39	0.00	0.46
03/30/16	4.28	0.85	0.00	1.69	3.73	0.37	0.00	0.51
03/31/16	2.57	0.00	0.00	0.00	3.63	0.34	0.00	0.51

JS Steel
Clairton Works
Veo 6.4.6

MONITORING REPORT
FOR BATTERY: 19
FROM: 3/1/2016 TO: 3/31/2016

REASON: Routine REGULATION: All AGENCY: All

BATTERY 19	← DAILY	PERCENTAGE	→	← 30 DAY	AVERAGE	→
	CHARGING	% DOORS	% LIDS	% OFFT	CHARGING	% DOORS	% LIDS	% OFFT
DATE	LOG AVG	LEAKING	LEAKING	LEAKING	LOG AVG	LEAKING	LEAKING	LEAKING
03/01/16	5.67	0.57	0.00	1.76	4.72	0.25	0.00	1.35
03/02/16	5.84	0.57	0.00	0.58	4.83	0.27	0.00	1.31
03/03/16	9.06	0.00	0.00	0.59	4.96	0.27	0.00	1.25
03/04/16	2.82	0.57	0.00	1.15	4.82	0.25	0.00	1.27
03/05/16	7.12	0.00	0.00	0.00	4.94	0.23	0.00	1.23
03/06/16	4.57	0.00	0.00	1.74	4.99	0.23	0.00	1.23
03/07/16	8.37	0.00	0.00	2.30	5.10	0.23	0.00	1.25
03/08/16	7.70	0.00	0.00	1.76	5.13	0.23	0.00	1.26
03/09/16	3.74	0.00	0.00	0.00	5.15	0.23	0.00	1.19
03/10/16	8.01	0.00	0.00	1.18	5.19	0.21	0.00	1.21
03/11/16	6.28	1.15	0.00	1.76	5.34	0.23	0.00	1.21
03/12/16	3.78	0.00	0.00	0.00	5.19	0.21	0.00	1.15
03/13/16	4.33	0.00	0.00	1.79	5.04	0.21	0.00	1.15
03/14/16	12.80	0.00	0.00	0.00	5.24	0.17	0.00	1.09
03/15/16	6.94	0.57	0.29	1.18	5.30	0.23	0.01	1.13
03/16/16	5.50	0.00	0.00	0.00	5.26	0.17	0.00	1.05
03/17/16	7.34	0.57	0.00	1.19	5.40	0.19	0.00	1.05
03/18/16	3.62	0.00	0.00	1.18	5.35	0.23	0.00	1.13
03/19/16	6.36	0.00	0.00	1.79	5.46	0.19	0.00	1.05
03/20/16	4.75	0.00	0.00	1.76	5.47	0.17	0.00	1.09
03/21/16	4.74	0.58	0.00	1.79	5.47	0.19	0.00	1.09
03/22/16	4.71	0.58	0.00	1.79	5.35	0.21	0.00	1.19
03/23/16	5.54	0.00	0.00	1.76	5.31	0.19	0.00	1.25
03/24/16	6.00	0.00	0.00	0.60	5.48	0.17	0.00	1.23
03/25/16	3.10	0.58	0.00	1.16	5.51	0.19	0.00	1.25
03/26/16	3.57	0.00	0.00	1.81	5.42	0.17	0.00	1.27
03/27/16	4.75	0.00	0.00	1.79	5.46	0.17	0.00	1.08
03/28/16	7.98	0.58	0.00	1.20	5.56	0.19	0.00	1.06
03/29/16	8.64	1.16	0.00	1.74	5.75	0.23	0.00	1.06
03/30/16	4.38	0.00	0.00	1.79	5.68	0.23	0.00	1.12
03/31/16	8.44	0.00	0.00	0.60	5.67	0.23	0.00	1.08

JS Steel
Clairton Works
/eo.6.4.6

MONITORING REPORT
FOR BATTERY: 20
FROM: 3/1/2016 TO: 3/31/2016

REASON: Routine | REGULATION: All | AGENCY: All

BATTERY 20	← DAILY PERCENTAGE →				← 30 DAY AVERAGE →			
	CHARGING	% DOORS	% LIDS	% OFFT	CHARGING	% DOORS	% LIDS	% OFFT
DATE	LOG AVG	LEAKING	LEAKING	LEAKING	LOG AVG	LEAKING	LEAKING	LEAKING
03/01/16	4.48	0.57	0.00	1.18	4.33	0.19	0.00	1.15
03/02/16	3.96	0.00	0.00	0.60	4.30	0.19	0.00	1.17
03/03/16	7.80	0.00	0.00	1.72	4.39	0.19	0.00	1.17
03/04/16	2.95	0.57	0.00	0.57	4.33	0.15	0.00	1.17
03/05/16	3.37	0.00	0.00	1.79	4.26	0.13	0.00	1.21
03/06/16	4.14	0.00	0.00	1.76	4.26	0.13	0.00	1.23
03/07/16	8.19	0.00	0.00	1.72	4.36	0.13	0.00	1.23
03/08/16	4.57	0.00	0.00	1.74	4.42	0.15	0.00	1.30
03/09/16	3.37	0.00	0.00	0.00	4.40	0.13	0.00	1.23
03/10/16	7.91	0.57	0.00	4.12	4.48	0.15	0.00	1.36
03/11/16	7.19	1.15	0.00	1.16	4.61	0.19	0.00	1.42
03/12/16	3.57	0.00	0.00	0.00	4.58	0.13	0.00	1.34
03/13/16	3.95	0.00	0.00	1.79	4.52	0.13	0.00	1.38
03/14/16	6.97	0.00	0.00	2.35	4.61	0.13	0.00	1.40
03/15/16	5.13	0.00	0.00	1.72	4.66	0.17	0.00	1.46
03/16/16	3.92	0.00	0.00	0.00	4.62	0.13	0.00	1.38
03/17/16	5.60	0.00	0.00	0.60	4.67	0.13	0.00	1.35
03/18/16	3.74	0.57	0.00	1.19	4.68	0.17	0.00	1.44
03/19/16	3.57	0.00	0.00	1.79	4.64	0.13	0.00	1.39
03/20/16	3.96	0.00	0.00	1.76	4.68	0.11	0.00	1.43
03/21/16	5.58	0.00	0.00	2.35	4.73	0.11	0.00	1.44
03/22/16	5.55	0.00	0.00	1.74	4.76	0.15	0.00	1.52
03/23/16	5.05	0.00	0.00	0.00	4.68	0.15	0.00	1.50
03/24/16	6.58	0.00	0.00	0.58	4.68	0.15	0.00	1.46
03/25/16	3.28	0.00	0.00	0.00	4.68	0.15	0.00	1.44
03/26/16	3.78	0.00	0.00	0.59	4.69	0.15	0.00	1.46
03/27/16	3.95	0.00	0.00	1.76	4.70	0.13	0.00	1.29
03/28/16	5.00	0.57	0.00	2.98	4.73	0.13	0.00	1.33
03/29/16	7.07	0.00	0.00	1.76	4.87	0.13	0.00	1.35
03/30/16	4.65	0.00	0.00	1.16	4.90	0.13	0.00	1.35
03/31/16	7.34	0.58	0.00	1.20	4.91	0.15	0.00	1.31

JS Steel
Clairton Works
Veo.6.4.6

MONITORING REPORT
FOR BATTERY: B
FROM: 3/1/2016 TO: 3/31/2016

REASON: Routine REGULATION: All AGENCY: All

BATTERY B	←	DAILY	PERCENTAGE	→	←	30 DAY	AVERAGE	→
	CHARGING	% DOORS	% LIDS	% OFFT	CHARGING	% DOORS	% LIDS	% OFFT
DATE	LOG AVG	LEAKING	LEAKING	LEAKING	LOG AVG	LEAKING	LEAKING	LEAKING
03/01/16	7.62	0.00	0.00	0.00	3.52	0.13	0.00	0.12
03/02/16	2.26	0.00	0.00	0.00	3.49	0.11	0.00	0.12
03/03/16	4.99	0.00	0.00	0.00	3.59	0.11	0.00	0.12
03/04/16	4.30	0.00	0.00	0.00	3.50	0.11	0.00	0.12
03/05/16	4.38	0.00	0.00	0.00	3.50	0.11	0.00	0.12
03/06/16	6.27	0.00	0.00	0.00	3.55	0.11	0.00	0.12
03/07/16	3.28	0.00	0.00	0.00	3.52	0.11	0.00	0.12
03/08/16	7.78	0.00	0.00	0.00	3.65	0.11	0.00	0.12
03/09/16	3.16	0.00	0.00	0.00	3.68	0.11	0.00	0.12
03/10/16	8.09	0.00	0.00	0.00	3.84	0.11	0.00	0.12
03/11/16	4.30	0.00	0.00	0.00	3.87	0.11	0.00	0.12
03/12/16	4.50	0.00	0.00	0.00	3.87	0.11	0.00	0.12
03/13/16	2.36	0.00	0.00	0.00	3.79	0.11	0.00	0.09
03/14/16	3.92	0.00	0.00	0.00	3.81	0.02	0.00	0.09
03/15/16	20.04	0.00	0.00	0.00	3.97	0.11	0.00	0.12
03/16/16	3.74	0.00	0.00	2.08	3.96	0.11	0.00	0.19
03/17/16	7.24	0.00	0.00	0.69	4.06	0.11	0.00	0.21
03/18/16	4.30	0.00	0.00	0.00	4.15	0.11	0.00	0.19
03/19/16	3.92	0.00	0.00	0.70	4.13	0.11	0.00	0.21
03/20/16	2.32	0.38	0.00	0.00	4.07	0.04	0.00	0.19
03/21/16	1.12	0.00	0.00	0.00	3.76	0.04	0.00	0.16
03/22/16	2.09	0.00	0.00	0.00	3.97	0.04	0.00	0.16
03/23/16	2.68	0.00	0.00	0.00	3.95	0.01	0.00	0.16
03/24/16	4.38	0.00	0.00	0.00	3.98	0.01	0.00	0.16
03/25/16	4.14	0.00	0.00	0.00	4.01	0.01	0.00	0.16
03/26/16	4.50	0.00	0.00	0.00	4.02	0.01	0.00	0.16
03/27/16	2.36	0.00	0.00	0.00	3.94	0.01	0.00	0.16
03/28/16	3.08	0.00	0.00	0.00	3.91	0.01	0.00	0.16
03/29/16	3.18	0.00	0.00	0.00	3.91	0.01	0.00	0.16
03/30/16	2.16	0.00	0.00	0.00	3.90	0.01	0.00	0.16
03/31/16	4.10	0.00	0.00	0.00	3.99	0.01	0.00	0.16

JS Steel
Clairton Works
Veo.6.4.6

MONITORING REPORT
FOR BATTERY: C
FROM: 3/1/2016 TO: 3/31/2016

REASON: Routine REGULATION: All AGENCY: All

BATTERY C	← DAILY PERCENTAGE →				← 30 DAY AVERAGE →			
	CHARGING	% DOORS	% LIDS	% OFFT	CHARGING	% DOORS	% LIDS	% OFFT
DATE	LOG AVG	LEAKING	LEAKING	LEAKING	LOG AVG	LEAKING	LEAKING	LEAKING
03/01/16	2.90	0.00	0.00	0.00	3.54	0.34	0.00	0.00
03/02/16	3.07	0.00	0.00	0.00	3.54	0.32	0.00	0.04
03/03/16	2.37	0.00	0.00	0.00	3.42	0.30	0.00	0.04
03/04/16	2.57	0.60	0.00	0.00	3.43	0.32	0.00	0.04
03/05/16	0.78	0.60	0.00	0.00	3.23	0.34	0.00	0.04
03/06/16	7.40	1.19	0.00	0.00	3.59	0.36	0.00	0.04
03/07/16	6.85	1.19	0.00	0.00	3.71	0.42	0.00	0.04
03/08/16	3.28	0.60	0.00	0.00	3.76	0.38	0.00	0.04
03/09/16	6.70	1.19	0.00	0.00	3.85	0.42	0.00	0.04
03/10/16	6.24	1.19	0.00	0.00	3.98	0.46	0.00	0.04
03/11/16	2.57	0.00	0.00	0.00	3.82	0.42	0.00	0.04
03/12/16	2.57	0.60	0.00	0.00	3.83	0.46	0.00	0.04
03/13/16	9.45	0.00	0.00	0.00	4.02	0.42	0.00	0.04
03/14/16	6.05	0.00	0.00	0.00	4.15	0.46	0.00	0.04
03/15/16	3.44	0.00	0.00	0.00	3.94	0.38	0.00	0.04
03/16/16	3.88	0.00	0.00	0.00	3.96	0.36	0.00	0.04
03/17/16	2.18	0.00	0.00	0.00	3.96	0.46	0.00	0.04
03/18/16	2.78	0.00	0.00	0.00	3.98	0.36	0.00	0.04
03/19/16	2.18	0.00	0.00	0.00	3.97	0.38	0.00	0.04
03/20/16	6.28	0.00	0.00	0.00	4.09	0.34	0.00	0.04
03/21/16	6.98	0.00	0.00	0.00	4.21	0.34	0.00	0.04
03/22/16	4.75	0.00	0.00	0.00	4.16	0.36	0.00	0.04
03/23/16	7.09	0.00	0.00	0.00	4.22	0.32	0.00	0.04
03/24/16	2.18	0.00	0.00	0.00	4.21	0.32	0.00	0.04
03/25/16	2.78	0.00	0.00	0.00	4.17	0.32	0.00	0.04
03/26/16	2.18	0.00	0.00	0.00	4.16	0.32	0.00	0.04
03/27/16	7.77	1.79	0.00	0.00	4.17	0.38	0.00	0.04
03/28/16	7.15	1.19	0.00	0.00	4.18	0.42	0.00	0.04
03/29/16	4.53	0.00	0.00	0.00	4.12	0.42	0.00	0.04
03/30/16	8.28	0.00	0.00	0.00	4.30	0.42	0.00	0.04
03/31/16	2.18	0.00	0.00	0.00	4.29	0.34	0.00	0.04