

January 15, 2023

Aimee Long Air Quality Specialist Santa Barbara County Air Pollution Control District 260 N. San Antonio Road, Suite A Santa Barbara, CA 93110

Permit: ATC 14500 05 H.B. Case No. 2021-12-M1

RE: MSB Investors, LLC

ReSource Center (formerly Tajiguas Resource Recovery Project) Variance Update Due to Alisal Fire Impact

Aimee:

In response to the Variance granted by the Hearing Board on December 7, 2022 in connection with H.B. Case No. 2021-12-M1 we offer the following request:

Our air quality consultant, AECOM, worked closely with the District engineers over the past 14 months in responding to their requests for additional AQ/HRA analysis related to the MRF biofilter facilities. This was submitted to District engineering on July 1st and has been the source of continuous discussions with the district staff since then.

Our general contractor, Diani Building Corp., Santa Maria, CA, has completed a detailed estimate for the repairs and replacement of the baghouse filters adjacent to the damaged MRF biofilter facilities. The estimated dates for completion of the repair and replacement of the baghouse filters is now July-August 2023, based on Diani's estimated 16 week construction schedule estimated to commence as of April 2023 following completion of a CEQA analysis of the repair and replacement project and Board of Supervisors (BOS) approval of such anticipated for March or April 2023. Our goal of course is to have the damaged equipment repaired and replaced with emission control systems approved by the District's engineering staff on or prior to the expiration of this Variance.

As stated in our petition for the Variance, we took preventative measures once the scrubbers became non-operational such as additional building ventilation and indoor air monitoring on a weekly basis. The indoor air monitoring continues to observe indoor air measurements of H2S and NH3 of approximately 2-5% of the MRF biofilter emission limits. The indoor air levels of H2S and NH3 were and continue to be extremely low due to the speed at which organic waste is processed through the building to loadout trucks for transfer to the ADF for further processing in-vessel.

Attached please find a schedule, Appendix A – MRF Indoor Air Sampling, showing the indoor air measurements of H2S, NH3, PM 2.5 and PM 10 taken at 13 locations inside the MRF building depicted on Appendix B – MRF Building Plan over the period from August through December 30, 2022 (i.e., a 5-month lookback).

Please let me know if you have any questions on the above or the attached.

Sincerely,

John Dewey

MSB Investors, LLC

	Facility	Emissions During Operations Without Operational Biofilters and Baghouses																							
			Friday	Friday	Friday	Friday	Friday	Friday	Friday	Friday	Friday	8/1/22 -													
			(8/5/22)	8/12/2022	8/19/2022	8/26/2022	(9/2/22)	9/9/2022	9/16/2022	9/23/2022	9/30/2022	(10/7/22)	10/14/202	10/21/202	10/28/202	(11/4/22)	(11/11/22)	(11/18/22)	(11/25/22)	(12/2/22)	(12/9/22)	(12/16/22)	(12/23/22)	(12/30/22)	12/30/22
MSW	Point	Location Description	H2S	H2S (ppmv)	H2S (ppmv)	H2S (ppmv)	H2S	H2S	H2S	H2S	H2S	H2S (ppmv)													
1	1	East Corner of Tip Floor Rollup Door	(ppmv) 0.008	(ppmv) 0.009	(ppmv) 0.007	(ppmv) 0.007	(ppmv) 0.024	(ppmv) 0.010	(ppmv) 0.015	(ppmv) 0.010	(ppmv) 0.001	(ppmv) 0.005	(ppmv) 0.001	(ppmv) 0.008	(ppmv) 0.008	(ppmv) 0.007	0.019	0.013		(ppmv) 0.009	(ppmv) 0.006	(ppmv) 0.009	(ppmv) 0.003	(ppmv) 0.006	0.009
1		Near Residual Pile on Tip Floor	0.008	0.003	0.007	0.007	0.024	0.010	0.013	0.016	0.001	0.003	0.001	0.006	0.008	0.007	0.013	0.013		0.003	0.006	0.003	0.003	0.006	0.009
1	3	Corridor Between MRF and Tip Floor (air moving from MRF to Tip Floor)	0.001	0.004	0.003	0.009	0.006	0.006	0.002	0.006	0.006	0.006	0.010	0.006	0.006	0.009	0.015	0.008		0.006	0.006	0.006	0.009	0.004	0.006
2	4	Between C1450 and C520	0.002	0.003	0.002	0.007	0.005	0.004	0.002	0.005	0.006	0.002	0.005	0.001	0.002	0.007	0.007	0.007		0.004	0.003	0.008	0.006	0.002	0.004
2		Near C740	0.004	0.003	0.001	0.013	0.003	0.006	0.004	0.006	0.004	0.007	0.006	0.004	0.002	0.013	0.007	0.007		0.004	0.002	0.004	0.005	0.004	0.005
1	6	Near MRF Floor Sump	0.003	0.006	0.003	0.007	0.004	0.006	0.002	0.007	0.004	0.004	0.003	0.004	0.003	0.007	0.011	0.006		0.003	0.004	0.004	0.005	0.003	0.005
2	7	Between C500 and Eyewash, In Front of Control Room	0.003	0.005	0.002	0.014	0.006	0.007	0.004	0.006	0.009	0.006	0.006	0.005	0.003	0.014	0.010	0.007		0.006	0.005	0.005	0.006	0.004	0.006
2	8	Between D930 and C980	0.003	0.003	0.004	0.015	0.005	0.004	0.004	0.007	0.005	0.006	0.006	0.003	0.003	0.015	0.008	0.007		0.004	0.004	0.005	0.005	0.004	0.006
2	9	Between D290 and D430	0.003	0.003	0.001	0.012	0.003	0.006	0.004	0.006	0.006	0.007	0.006	0.003	0.003	0.012	0.007	0.006		0.004	0.004	0.004	0.005	0.004	0.005
2	10	Between D180 and D120	0.004	0.003	0.002	0.013	0.002	0.005	0.004	0.007	0.006	0.006	0.006	0.003	0.003	0.013	0.008	0.006		0.004	0.003	0.005	0.006	0.004	0.005
2	11	Between M140 and D101	0.003	0.004	0.002	0.009	0.001	0.006	0.001	0.007	0.006	0.006	0.004	0.004	0.003	0.009	0.009	0.006		0.003	0.005	0.004	0.006	0.004	0.005
2		Between Trommels	0.004	0.005	0.003	0.025	0.004	0.007	0.005	0.023	0.010	0.009	0.007	0.005	0.003	0.025	0.014	0.007		0.004	0.006	0.006	0.007	0.005	0.009
2	15	Between AWS 550s	0.003	0.003	0.004	0.009	0.002	0.006	0.001	0.012	0.006	0.006	0.005	0.003	0.006	0.009	0.015	0.006		0.003	0.005	0.006	0.009	0.004	0.006
			NILIO	NIII	NUID	NIII	NILIO	NILIO	NUID	NILIO	NIII2	NIII2	NILIO	NILIO	NILIO	NUID	NILIO	NILIO	NILIO	NILIO	NIII	NILIO	NILIO	NILIO	0.006 NH3
MSW	Point	Location Description	NH3 (ppmy)	NH3 (ppmy)	NH3 (ppmy)	NH3 (nnmy)	NH3 (nnmy)	NH3 (ppmy)	NH3 (ppmy)	NH3 (ppmy)	NH3 (nnmy)	NH3 (nnmv)	NH3 (nnmy)	NH3 (ppmy)	NH3 (ppmy)	NH3 (ppmy)	NH3 (ppmy)	NH3	NH3 (ppmy)	NH3 (vmqq)	NH3	NH3 (ppmv)	NH3	NH3 (ppmv)	(ppmv)
1	1	East Corner of Tip Floor Rollup Door	0.000	0.000	0.000	0.000	0.000	0.000	0.000	(ppmv) 0.000	0.000	0.000	0.000	0.000	0.000	0.000	(ppmv) 1.0	(ppmv) 0.0	(hhiiin)	(ppmv) 0.0	(ppmv) 0.5	(ppmv) 0.0	(ppmv) 0.0	(ppmv) 0.0	(ppmv) 0.071
1	2	Near Residual Pile on Tip Floor	0.000	0.000	0.500	0.000	0.000	0.000	0.000	0.500	0.000	0.000	0.500	0.000	0.500	0.000	1.0	0.0		0.0	0.5	0.0	0.5	0.0	0.071
1		Corridor Between MRF and Tip Floor (air moving from MRF to Tip Floor)	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.5	0.0		0.0	0.0	0.0	0.0	0.0	0.024
2		Between C1450 and C520	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.0	0.0		0.0	0.0	0.0	0.0	0.5	0.024
2	5	Near C740	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.0	0.0		0.0	0.0	0.0	0.5	0.5	0.048
1	6	Near MRF Floor Sump	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.500	0.000	0.000	0.000	1.0	0.0		0.0	0.0	0.0	0.5	0.0	0.095
2	7	Between C500 and Eyewash, In Front of Control Room	0.000	0.000	0.000	0.500	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.500	0.0	0.0		0.0	0.0	0.0	0.5	0.0	0.071
2	8	Between D930 and C980	0.000	0.000	0.000	0.500	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.500	0.0	0.0		0.0	0.0	0.0	0.5	1.0	0.119
2	9	Between D290 and D430	0.000	0.000	0.000	1.000	0.000	0.000	0.000	0.000	0.000	0.500	0.000	0.000	0.000	1.000	0.5	0.0		0.0	0.0	0.0	1.0	0.5	0.214
2	10	Between D180 and D120	0.000	0.500	0.000	1.500	0.000	0.000	0.000	0.000	0.000	0.500	0.500	0.000	0.000	1.500	0.5	0.0		0.0	0.0	0.0	1.0	0.5	0.310
2	11	Between M140 and D101 Between Trommels	1.000 0.500	0.000	0.000	0.500 1.500	0.000	0.000	0.000	0.000	0.000	0.500	0.500	0.000	0.500	0.500 1.500	1.0	0.5		0.0	1.0 0.5	0.5	1.0 0.5	0.5	0.381 0.405
2		Between AWS 550s	0.000	0.500	0.000	0.500	1.500	0.000	0.000	0.000	0.000	0.000	0.500	0.000	0.500	0.500	2.0	0.5		0.0	1.0	0.0	1.0	0.5	0.403
-	13	Detween AWS 3303	0.000	0.500	0.000	0.300	1.500	0.000	0.000	0.000	0.000	0.000	0.500	0.000	0.500	0.500	2.0	0.5		0.0	1.0	0.5	1.0	0.5	0.185
			PM2.5	PM2.5	PM2.5	PM2.5	PM2.5	PM2.5	PM2.5	PM2.5	PM2.5	PM2.5													
MSW	Point	Location Description	(ug/m3)	(ug/m3)	(ug/m3)	(ug/m3)	(ug/m3)	(ug/m3)	(ug/m3)	(ug/m3)	(ug/m3)	(ug/m3)													
1	1	East Corner of Tip Floor Rollup Door	42.6	29.2	40.7	13.6	44.9	22.2	59.3	34.8	27.1	29.3	22.0	52.0	66.8	13.6	20.2	25.3	(-8,)	19.2	16.0	39.2	13.0	20.9	31.0
1		Near Residual Pile on Tip Floor	26.6	10.5	46.3	10.9	26.3	23.6	25.0	42.8	63.9	55.3	33.5	71.1	59.2	10.9	17.9	23.8		13.8	11.3	30.2	13.3	17.7	30.2
1	3	Corridor Between MRF and Tip Floor (air moving from MRF to Tip Floor)	10.1	11.8	13.7	10.7	20.9	22.4	24.6	14.3	27.8	35.2	14.5	41.6	19.4	10.7	15.5	11.0		5.9	7.7	32.9	11.8	12.5	17.9
2	4	Between C1450 and C520	13.5	10.9	16.1	12.0	31.5	20.3	28.4	16.9	25.7	18.2	20.2	34.0	9.6	12.0	12.7	16.5		6.5	8.2	19.7	13.9	17.1	17.3
2	5	Near C740	36.2	18.8	13.4	27.3	31.7	16.7	34.5	27.2	28.0	32.7	26.4	48.0	21.6	27.3	30.6	24.0		15.6	11.6	27.3	12.9	21.9	25.4
1	6	Near MRF Floor Sump	11.5	10.8	16.6	6.2	51.4	15.1	23.7	19.1	17.1	27.2	11.3	38.1	11.5	6.2	6.5	9.1		4.3	5.5	7.1	7.6	21.4	15.6
2	7	Between C500 and Eyewash, In Front of Control Room	15.4	11.4	15.2	14.1	29.1	17.9	39.7	22.9	43.2	56.4	18.1	45.0	17.9	14.1	21.5	14.1		10.5	7.6	29.6	12.2	22.5	22.8
2	8	Between D930 and C980	18.4	13.3	20.2	25.2	32.6	17.4	34.2	34.0	30.9	41.2	24.7	46.3	23.1	25.2	25.7	19.7		13.7	5.7	27.9	14.2	20.6	24.5
2	9	Between D290 and D430 Between D180 and D120	34.0 42.3	25.4 25.6	16.8 21.8	31.2 41.7	37.2 45.3	22.9 17.9	42.2 337.3	34.7 36.4	32.6 35.4	76.3 80.7	29.6 38.2	49.1 62.3	30.5 35.7	31.2 41.7	31.0 29.3	15.8 23.2		20.5	16.5 12.4	27.6 28.6	23.5 23.6	30.5 26.2	31.4 49.0
2		Between M140 and D101	49.0	25.0	25.0	23.2	44.2	25.0	36.1	37.3	48.5	98.1	29.9	54.7	41.8	23.2	41.7	24.5		18.6	24.6	29.2	22.9	23.3	35.5
2		Between Trommels	66.9	14.1	28.4	37.4	52.3	20.1	50.6	54.8	49.3	85.8	38.3	44.1	50.1	37.4	34.2	19.4		24.1	14.4	27.2	17.9	27.2	37.8
2		Between AWS 550s	85.8	39.9	23.7	30.1	63.0	23.7	50.2	57.5	53.1	53.7	30.2	50.1	63.7	30.1	47.4	20.4		25.0	22.4	27.5	25.8	26.5	40.5
																									29.1
			PM10	PM10	PM10	PM10	PM10	PM10	PM10	PM10	PM10	PM10													
MSW	Point	Location Description	(ug/m3)	(ug/m3)	(ug/m3)	(ug/m3)	(ug/m3)	(ug/m3)	(ug/m3)	(ug/m3)	(ug/m3)	(ug/m3)													
1	1	East Corner of Tip Floor Rollup Door	73.7	48.5	68.0	19.0	73.7	33.0	90.4	54.1	35.8	46.9	30.8	83.0	111.8	19.0	30.7	36.3		28.5	25.2	56.0	17.3	30.4	48.2
1		Near Residual Pile on Tip Floor	48.6	17.4	79.3	17.1	41.7	36.2	41.2	69.3	108.7	91.0	52.4	114.2	100.4	17.1	27.9	36.6		22.4	18.3	46.4	19.6	26.9	49.2
1		Corridor Between MRF and Tip Floor (air moving from MRF to Tip Floor)	14.1	18.1	21.0	16.3	32.1	34.5	37.2	20.3	46.6	56.3	23.0	64.2	31.4	16.3	23.6	16.1		7.9	10.6	52.9	16.8	18.4	27.5
2		Between C1450 and C520	20.8	16.6	29.4	18.7	46.9	31.4	41.6	24.5	40.8	30.6	30.8	51.0	14.2	18.7	19.4	24.8		8.8	12.0	29.9	20.6	24.0	26.5
2		Near C740	54.0	26.2	20.0	46.1	49.8	24.6	51.5	41.0	44.1	85.0	43.3	76.2	33.5	46.1	49.2	40.0	-	24.3	16.2	45.5	19.5	32.1	41.3
1	7	Near MRF Floor Sump	17.0	16.2	24.8 23.8	9.1	84.9	23.9	39.2	27.9 34.1	26.9	43.9	16.2	58.9 69.6	18.4	9.1	10.2	12.8	-	5.1	8.0	11.9 47.9	10.1	30.6 33.6	24.1
2		Between C500 and Eyewash, In Front of Control Room Between D930 and C980	23.6 28.2	18.3 20.7	30.2	42.6	43.9 47.5	27.4 25.8	63.1 50.7	34.1 49.6	70.6 47.3	92.0 65.9	29.4 39.8	72.8	27.4 35.6	22.7 42.6	35.5 41.3	21.6 31.5		15.5 21.8	11.3 7.9	47.9	18.6 22.5	33.6	35.8 38.3
2	9	Between D930 and C980 Between D290 and D430	56.1	40.5	24.0	50.3	58.1	35.5	65.3	52.5	51.1	124.7	48.0	72.8	50.0	50.3	41.3	24.6		33.6	25.2	48.6	37.3	48.5	49.9
2	10	Between D180 and D120	67.4	41.1	33.9	67.0	71.2	28.4	57.9	55.6	58.6	131.9	61.9	106.1	58.5	67.0	47.5	39.5		35.9	20.4	46.1	38.7	43.4	56.1
2	11	Between M140 and D101	80.0	39.4	39.1	37.8	68.6	37.9	54.9	57.2	77.2	163.8	49.8	89.1	64.8	37.8	65.2	37.3		29.9	41.2	46.3	37.5	38.2	56.8
2		Between Trommels	102.9	22.8	46.2	63.0	80.6	30.1	80.4	84.3	99.5	142.0	62.9	69.6	76.2	63.0	54.3	31.3		38.4	22.0	41.7	29.4	43.7	61.2
2		Between AWS 550s	133.1	65.5	36.8	49.7	96.0	27.3	77.9	89.2	86.4	86.2	43.3	81.6	84.1	49.7	69.2	32.4		39.1	39.9	45.6	39.7	40.3	62.5
		•				<u> </u>						<u> </u>		<u> </u>								•			44.4
		The facility was running MSW & SSR																							

The facility was running MSW & SSR

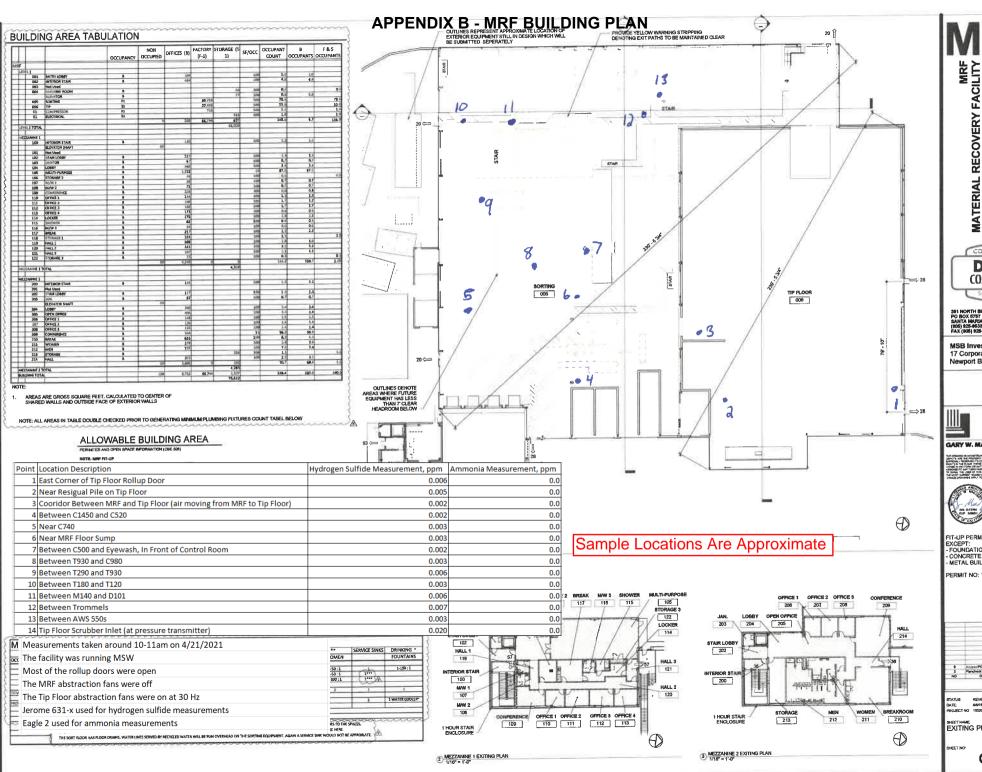
All of the rollup doors were open

The MRF abstraction fans were on

The Tip Floor abstraction fans were on at 30 Hz Jerome 631-x used for hydrogen sulfide measurements, last calibrate 12/23/2022

Eagle 2 used for ammonia measurements, last calibrated 12/23/2022

Temptop M2000 AQ Meter for PM2.5, PM10, and CO2 used for PM measurements, last calibrated N/A





381 NORTH BLOSSER ROAD PO BOX 5787 2ANTA MARIA, CA 93458 - 5787 (805) 925-4633 FAX (808) 928-2150

MSB Investors, LLC 17 Corporate Plaza, Suite 200 Newport Beach, CA 92660

GARY W. MADJEDI, ARCHITECT



- FOUNDATIONS
- CONCRETE BUILDING WALLS
- METAL BUILDING AND SIDING PERMIT NO: 19REV-00345

REVIEW 8/6/19 150201

EXITING PLANS



February 10, 2023

Aimee Long Air Quality Specialist Santa Barbara County Air Pollution Control District 260 N. San Antonio Road, Suite A Santa Barbara, CA 93110

Permit: ATC 14500 05 H.B. Case No. 2021-12-M1

RE: MSB Investors, LLC

ReSource Center (formerly Tajiguas Resource Recovery Project) Variance Update Due to Alisal Fire Impact

Aimee:

In response to the Variance granted by the Hearing Board on December 7, 2022 in connection with H.B. Case No. 2021-12-M1 we offer the following request:

Our air quality consultant, AECOM, worked closely with the District engineers over the past 14 months in responding to their requests for additional AQ/HRA analysis related to the MRF biofilter facilities. This was submitted to District engineering on July 1st and has been the source of continuous discussions with the district staff since then.

Our general contractor, Diani Building Corp., Santa Maria, CA, has completed a detailed estimate for the repairs and replacement of the baghouse filters adjacent to the damaged MRF biofilter facilities. The estimated dates for completion of the repair and replacement of the baghouse filters is now July-August 2023, based on Diani's estimated 16 week construction schedule estimated to commence as of April 2023 following completion of a CEQA analysis of the repair and replacement project and Board of Supervisors (BOS) approval of such anticipated for March or April 2023. Our goal of course is to have the damaged equipment repaired and replaced with emission control systems approved by the District's engineering staff on or prior to the expiration of this Variance.

As stated in our petition for the Variance, we took preventative measures once the scrubbers became non-operational such as additional building ventilation and indoor air monitoring on a weekly basis. The indoor air monitoring continues to observe indoor air measurements of H2S and NH3 of approximately 2-5% of the MRF biofilter emission limits. The indoor air levels of H2S and NH3 were and continue to be extremely low due to the speed at which organic waste is processed through the building to loadout trucks for transfer to the ADF for further processing in-vessel.

Attached please find a schedule, Appendix A – MRF Indoor Air Sampling, showing the indoor air measurements of H2S, NH3, PM 2.5 and PM 10 taken at 13 locations inside the MRF building depicted on Appendix B – MRF Building Plan over the period from September 2022 through January 30, 2023 (i.e., a 5-month lookback).

Please let me know if you have any questions on the above or the attached.

Sincerely,

John Dewey

MSB Investors, LLC

	acility	Emissions During Operations Without Operational Biofilters and Baghouses																							
ſ			Friday	Friday	Friday	Friday	Friday	Friday	Friday	Friday	Friday	Friday	Friday	9/2/22 -											
			(9/2/22)	9/9/2022	9/16/2022	9/23/2022	9/30/2022	(10/7/22)	10/14/202	10/21/202	10/28/202	(11/4/22)	(11/11/22	(11/18/22)	(11/25/22)	(12/2/22)	(12/9/22)	(12/16/22)	(12/23/22)	(12/30/22) (1/6/23)	(1/13/23)	(1/20/23)	(1/27/23)	1/27/23
MSW	Point	Location Description	H2S (ppmv)	H2S (ppmv)	H2S (ppmy)	H2S (ppmv)	H2S (ppmy)	H2S (ppmv)	H2S (ppmv)	H2S (ppmv)	H2S (ppmv)	H2S (ppmy)	H2S (ppmv)	H2S (ppmv)	H2S (ppmv)	H2S (ppmv)	H2S (ppmv)	H2S (ppmv)	H2S (ppmv)						
1	1	East Corner of Tip Floor Rollup Door	0.024	0.010	0.015	0.010	0.001	0.005	0.001	0.008	0.008	0.007	0.019	0.013	(ppiliv)	0.009	0.006	0.009	0.003	0.006	0.013	0.004	0.022	0.003	0.009
1		Near Residual Pile on Tip Floor	0.007	0.008	0.007	0.026	0.010	0.007	0.009	0.006	0.007	0.013	0.018	0.010		0.018	0.006	0.007	0.007	0.006	0.012	0.012	0.014	0.007	0.010
1	3	Corridor Between MRF and Tip Floor (air moving from MRF to Tip Floor)	0.006	0.006	0.002	0.006	0.006	0.006	0.010	0.006	0.006	0.009	0.015	0.008		0.006	0.006	0.006	0.009	0.004	0.010	0.014	0.006	0.007	0.007
2		Between C1450 and C520	0.005	0.004	0.002	0.005	0.006	0.002	0.005	0.001	0.002	0.007	0.007	0.007		0.004	0.003	0.008	0.006	0.002	0.003	0.004	0.004	0.006	0.004
2		Near C740	0.003	0.006	0.004	0.006	0.004	0.007	0.006	0.004	0.002	0.013	0.007	0.007		0.004	0.002	0.004	0.005	0.004	0.004	0.006	0.004	0.001	0.005
1		Near MRF Floor Sump	0.004	0.006	0.002	0.007	0.004	0.004	0.003	0.004	0.003	0.007	0.011	0.006		0.003	0.004	0.004	0.005	0.003	0.004	0.009	0.003	0.003	0.005
2		Between C500 and Eyewash, In Front of Control Room Between D930 and C980	0.005	0.007	0.004	0.006	0.009	0.006	0.006	0.003	0.003	0.014	0.010	0.007		0.006	0.005	0.005	0.006	0.004	0.006	0.009	0.006	0.006	0.006
2		Between D290 and D430	0.003	0.004	0.004	0.006	0.005	0.007	0.006	0.003	0.003	0.013	0.007	0.006		0.004	0.004	0.003	0.005	0.004	0.004	0.006	0.003	0.003	0.005
2		Between D180 and D120	0.002	0.005	0.004	0.007	0.006	0.006	0.006	0.003	0.003	0.013	0.008	0.006		0.004	0.003	0.005	0.006	0.004	0.006	0.006	0.004	0.006	0.005
2	11	Between M140 and D101	0.001	0.006	0.001	0.007	0.006	0.006	0.004	0.004	0.003	0.009	0.009	0.006		0.003	0.005	0.004	0.006	0.004	0.006	0.006	0.002	0.003	0.005
2		Between Trommels	0.004	0.007	0.005	0.023	0.010	0.009	0.007	0.005	0.003	0.025	0.014	0.007		0.004	0.006	0.006	0.007	0.005	0.006	0.009	0.006	0.006	0.008
2	13	Between AWS 550s	0.002	0.006	0.001	0.012	0.006	0.006	0.005	0.003	0.006	0.009	0.015	0.006		0.003	0.005	0.006	0.009	0.004	0.004	0.007	0.004	0.004	0.006
Г														1							1				0.006
MSW	Doint	Location Description	NH3 (ppmy)	NH3	NH3 (ppmv)	NH3 (ppmy)	NH3 (ppmy)	NH3 (ppmy)	NH3 (ppmy)	NH3 (ppmy)	NH3 (ppmv)	NH3 (ppmv)	NH3 (ppmv)	NH3 (ppmy)	NH3 (ppmy)	NH3 (ppmv)	NH3 (ppmv)	NH3 (ppmv)	NH3 (ppmv)	NH3 (ppmv)	NH3 (ppmv)	NH3 (ppmv)	NH3 (ppmv)	NH3 (ppmv)	NH3 (ppmv)
1		East Corner of Tip Floor Rollup Door	0.000	(ppmv) 0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.0	0.0	(ppmv)	0.0	(ppmv) 0.5	0.0	0.0	0.0	0.0	0.0	0.5	0.0	0.095
1		Near Residual Pile on Tip Floor	0.000	0.000	0.000	0.500	0.000	0.000	0.500	0.000	0.500	0.000	1.0	0.0		0.0	0.5	0.0	0.5	0.0	0.0	0.5	0.5	0.5	0.238
1	3	Corridor Between MRF and Tip Floor (air moving from MRF to Tip Floor)	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.5	0.0		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.5	0.071
2	4	Between C1450 and C520	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.0	0.0		0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.5	0.048
2		Near C740	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.0	0.0		0.0	0.0	0.0	0.5	0.5	0.5	0.0	1.0	0.5	0.143
1		Near MRF Floor Sump	0.000	0.000	0.000	0.000	0.000	0.000	0.500	0.000	0.000	0.000	1.0	0.0		0.0	0.0	0.0	0.5	0.0	0.0	0.5	0.5	1.0	0.190
2		Between C500 and Eyewash, In Front of Control Room Between D930 and C980	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.500	0.0	0.0		0.0	0.0	0.0	0.5	1.0	0.0	0.5	0.5	1.5	0.167 0.167
2		Between D290 and D430	0.000	0.000	0.000	0.000	0.000	0.500	0.000	0.000	0.000	1.000	0.5	0.0		0.0	0.0	0.0	1.0	0.5	0.5	0.5	1.0	1.0	0.310
2		Between D180 and D120	0.000	0.000	0.000	0.000	0.000	0.500	0.500	0.000	0.000	1.500	0.5	0.0		0.0	0.0	0.0	1.0	0.5	1.0	0.5	1.0	1.0	0.381
2	11	Between M140 and D101	0.000	0.000	0.000	0.000	0.000	0.500	0.500	0.000	0.500	0.500	1.0	0.5		0.0	1.0	0.5	1.0	0.5	0.5	0.5	1.0	1.0	0.452
2		Between Trommels	0.500	0.000	0.000	0.500	0.000	0.500	0.500	0.000	0.500	1.500	1.5	0.0		0.0	0.5	0.0	0.5	0.0	0.5	1.0	0.5	1.5	0.476
2	13	Between AWS 550s	1.500	0.000	0.000	0.000	0.000	0.000	0.500	0.000	0.500	0.500	2.0	0.5		0.0	1.0	0.5	1.0	0.5	0.0	0.5	0.5	1.5	0.524
Г			D1 42 F	20.42.5	21.12.5	2142.5	D1 42 5	21.42.5	D1 42 F	21.42.5	D142.5	D143.5	D142.5	D143.5	PM2.5	D142.5	21.42.5	21.42.5	2142.5	0142.5	1	20.42.5	20.42.5	2142.5	0.251 PM2.5
MSW	Point	Location Description	PM2.5 (ug/m3)	(ug/m3)	PM2.5 (ug/m3)	PM2.5 (ug/m3)	PM2.5 (ug/m3)	PM2.5 (ug/m3)	PM2.5 (ug/m3)	M2.5 (ug/m3	PM2.5 (ug/m3)	PM2.5 (ug/m3)	PM2.5 (ug/m3)	(ug/m3)											
1		East Corner of Tip Floor Rollup Door	44.9	22.2	59.3	34.8	27.1	29.3	22.0	52.0	66.8	13.6	20.2	25.3	(ug/III3)	19.2	16.0	39.2	13.0	20.9	27.9	20.6	28.5	18.9	29.6
1		Near Residual Pile on Tip Floor	26.3	23.6	25.0	42.8	63.9	55.3	33.5	71.1	59.2	10.9	17.9	23.8		13.8	11.3	30.2	13.3	17.7	22.2	22.6	21.5	22.2	29.9
1	3	Corridor Between MRF and Tip Floor (air moving from MRF to Tip Floor)	20.9	22.4	24.6	14.3	27.8	35.2	14.5	41.6	19.4	10.7	15.5	11.0		5.9	7.7	32.9	11.8	12.5	12.0	20.5	17.5	19.9	19.0
2		Between C1450 and C520	31.5	20.3	28.4	16.9	25.7	18.2	20.2	34.0	9.6	12.0	12.7	16.5		6.5	8.2	19.7	13.9	17.1	14.0	18.2	16.3	17.6	18.0
2		Near C740	31.7	16.7	34.5	27.2	28.0	32.7	26.4	48.0	21.6	27.3	30.6	24.0		15.6	11.6	27.3	12.9	21.9	38.5	45.3	29.4	14.8	27.0
1		Near MRF Floor Sump Between C500 and Eyewash, In Front of Control Room	51.4 29.1	15.1 17.9	23.7 39.7	19.1 22.9	17.1 43.2	27.2 56.4	11.3 18.1	38.1 45.0	11.5 17.9	6.2 14.1	6.5 21.5	9.1 14.1		4.3 10.5	5.5 7.6	7.1 29.6	7.6 12.2	21.4 22.5	8.7 13.2	23.0 21.3	11.5 18.8	17.6 22.4	16.3 23.7
5		Between D930 and C980	32.6	17.9	34.2	34.0	30.9	41.2	24.7	46.3	23.1	25.2	25.7	19.7		13.7	5.7	27.9	14.2	20.6	36.1	32.3	23.9	20.8	26.2
2		Between D290 and D430	37.2	22.9	42.2	34.7	32.6	76.3	29.6	49.1	30.5	31.2	31.0	15.8		20.5	16.5	27.6	23.5	30.5	37.1	41.1	42.3	27.8	33.3
2	10	Between D180 and D120	45.3	17.9	337.3	36.4	35.4	80.7	38.2	62.3	35.7	41.7	29.3	23.2		23.1	12.4	28.6	23.6	26.2	25.2	36.0	29.9	18.2	47.9
		Between M140 and D101	44.2	25.0	36.1	37.3	48.5	98.1	29.9	54.7	41.8	23.2	41.7	24.5		18.6	24.6	29.2	22.9	23.3	18.9	32.6	30.8	31.8	35.1
		Between Trommels	52.3	20.1	50.6	54.8	49.3	85.8	38.3	44.1	50.1	37.4	34.2	19.4		24.1	14.4	27.2	17.9	27.2	29.7	38.1	21.3	31.4	36.6
2	13	Between AWS 550s	63.0	23.7	50.2	57.5	53.1	53.7	30.2	50.1	63.7	30.1	47.4	20.4		25.0	22.4	27.5	25.8	26.5	22.8	34.6	25.6	37.9	37.7 29.3
ř			PM10	PM10	PM10	PM10	PM10	PM10	PM10	I	PM10	PM10	PM10	29.3 PM10											
MSW	Point	Location Description	(ug/m3)	(ug/m3)	(ug/m3)	(ug/m3)	(ug/m3)	(ug/m3)	(ug/m3)	M10 (ug/m3	(ug/m3)	(ug/m3)	(ug/m3)	(ug/m3)											
1		East Corner of Tip Floor Rollup Door	73.7	33.0	90.4	54.1	35.8	46.9	30.8	83.0	111.8	19.0	30.7	36.3	(08/1113)	28.5	25.2	56.0	17.3	30.4	45.8	32.0	44.8	27.9	45.4
1		Near Residual Pile on Tip Floor	41.7	36.2	41.2	69.3	108.7	91.0	52.4	114.2	100.4	17.1	27.9	36.6		22.4	18.3	46.4	19.6	26.9	33.8	34.5	31.7	33.7	47.8
1		Corridor Between MRF and Tip Floor (air moving from MRF to Tip Floor)	32.1	34.5	37.2	20.3	46.6	56.3	23.0	64.2	31.4	16.3	23.6	16.1		7.9	10.6	52.9	16.8	18.4	18.5	30.4	26.6	29.6	29.2
2		Between C1450 and C520	46.9	31.4	41.6	24.5	40.8	30.6	30.8	51.0	14.2	18.7	19.4	24.8		8.8	12.0	29.9	20.6	24.0	21.2	28.4	25.5	26.7	27.2
2		Near C740	49.8	24.6	51.5	41.0	44.1	85.0	43.3	76.2	33.5	46.1	49.2	40.0		24.3	16.2	45.5	19.5	32.1	63.6	75.2	47.4	23.7	44.4
1		Near MRF Floor Sump Between C500 and Eyewash, In Front of Control Room	84.9 43.9	23.9 27.4	39.2 63.1	27.9 34.1	26.9 70.6	43.9 92.0	16.2 29.4	58.9 69.6	18.4 27.4	9.1 22.7	10.2 35.5	12.8		5.1 15.5	8.0 11.3	11.9 47.9	10.1 18.6	30.6	12.7 19.3	35.4 33.3	15.4 29.5	27.2 35.5	25.2 37.2
2		Between D930 and E980	43.9	25.8	50.7	49.6	47.3	65.9	39.8	72.8	35.6	42.6	41.3	21.6 31.5	-	21.8	7.9	47.9	22.5	33.6 31.7	58.6	51.6	37.7	32.6	41.1
5		Between D290 and D430	58.1	35.5	65.3	52.5	51.1	124.7	48.0	79.6	50.0	50.3	49.1	24.6		33.6	25.2	43.6	37.3	48.5	58.8	68.2	68.2	45.6	53.2
2		Between D180 and D120	71.2	28.4	57.9	55.6	58.6	131.9	61.9	106.1	58.5	67.0	47.5	39.5		35.9	20.4	46.1	38.7	43.4	40.6	61.5	51.6	30.3	54.9
2		Between M140 and D101	68.6	37.9	54.9	57.2	77.2	163.8	49.8	89.1	64.8	37.8	65.2	37.3		29.9	41.2	46.3	37.5	38.2	31.8	54.6	47.2	48.4	56.1
2		Between Trommels	80.6	30.1	80.4	84.3	99.5	142.0	62.9	69.6	76.2	63.0	54.3	31.3	-	38.4	22.0	41.7	29.4	43.7	49.4	68.2	35.1	50.2	59.6
2	13	Between AWS 550s	96.0	27.3	77.9	89.2	86.4	86.2	43.3	81.6	84.1	49.7	69.2	32.4		39.1	39.9	45.6	39.7	40.3	36.3	55.9	45.4	62.2	58.5
																									44.6

The facility was running MSW & SSR

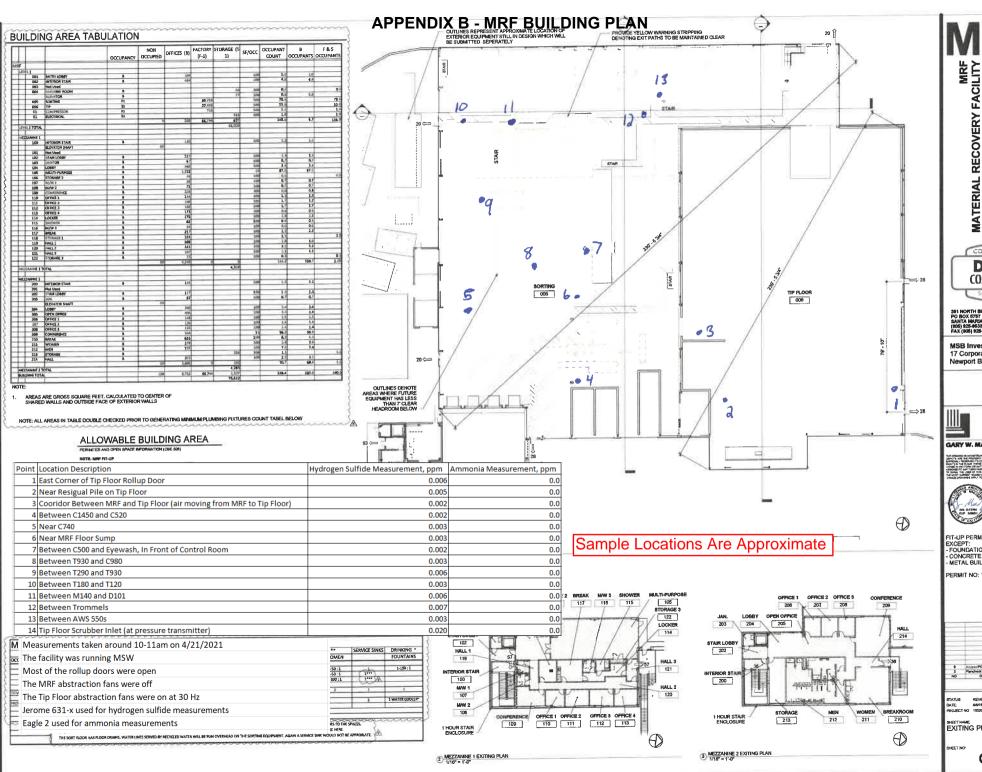
All of the rollup doors were open

The MRF abstraction fans were on

The Tip Floor abstraction fans were on at 30 Hz

Jerome 631-x used for hydrogen sulfide measurements, last calibrate 12/23/2022

Eagle 2 used for ammonia measurements, last calibrated 12/23/2022
Temptop M2000 AQ Meter for PM2.5, PM10, and CO2 used for PM measurements, last calibrated N/A





381 NORTH BLOSSER ROAD PO BOX 5787 2ANTA MARIA, CA 93458 - 5787 (805) 925-4633 FAX (808) 928-2150

MSB Investors, LLC 17 Corporate Plaza, Suite 200 Newport Beach, CA 92660

GARY W. MADJEDI, ARCHITECT



- FOUNDATIONS
- CONCRETE BUILDING WALLS
- METAL BUILDING AND SIDING PERMIT NO: 19REV-00345

REVIEW 8/6/19 150201

EXITING PLANS



March 10, 2023

Aimee Long Air Quality Specialist Santa Barbara County Air Pollution Control District 260 N. San Antonio Road, Suite A Santa Barbara, CA 93110

Permit: ATC 14500 05 H.B. Case No. 2021-12-M1

RE: MSB Investors, LLC

ReSource Center (formerly Tajiguas Resource Recovery Project) Variance Update Due to Alisal Fire Impact

Aimee:

In response to the Variance granted by the Hearing Board on December 7, 2022 in connection with H.B. Case No. 2021-12-M1 we offer the following request:

Our air quality consultant, AECOM, worked closely with the District engineers over the past 14 months in responding to their requests for additional AQ/HRA analysis related to the MRF biofilter facilities. This was submitted to District engineering on July 1st and has been the source of continuous discussions with the district staff since then.

Our general contractor, Diani Building Corp., Santa Maria, CA, has completed a detailed estimate for the repairs and replacement of the baghouse filters adjacent to the damaged MRF biofilter facilities. The estimated dates for completion of the repair and replacement of the baghouse filters is now September-October 2023, based on Diani's estimated 16 week construction schedule estimated to commence as of July 2023 following completion of a CEQA analysis of the repair and replacement project and Board of Supervisors (BOS) approval of such anticipated for June or July 2023. Our goal of course is to have the damaged equipment repaired and replaced with emission control systems approved by the District's engineering staff on or prior to the expiration of this Variance.

As stated in our petition for the Variance, we took preventative measures once the scrubbers became non-operational such as additional building ventilation and indoor air monitoring on a weekly basis. The indoor air monitoring continues to observe indoor air measurements of H2S and NH3 of approximately 2-5% of the MRF biofilter emission limits. The indoor air levels of H2S and NH3 were and continue to be extremely low due to the speed at which organic waste is processed through the building to loadout trucks for transfer to the ADF for further processing in-vessel.

Attached please find a schedule, Appendix A – MRF Indoor Air Sampling, showing the indoor air measurements of H2S, NH3, PM 2.5 and PM 10 taken at 13 locations inside the MRF building depicted on Appendix B – MRF Building Plan over the period from December 2022 through February 28, 2023 (i.e., a 3-month lookback).

Please let me know if you have any questions on the above or the attached.

Sincerely,

John Dewey

MSB Investors, LLC

	ry Emissions During Operations Without Operational Biofilters and Baghouses	Friday	Friday	Friday	Friday	Friday	Friday	Friday	Friday	Friday	Friday	Friday	Friday	Friday	12/2/22
		(12/2/22)	(12/9/22)		(12/23/22)	-	(1/6/23)	(1/13/23	(1/20/23	(1/27/23	(2/3/23)	(2/10/23	(2/17/23	(2/28/23	2/28/23
Point	t Location Description	H2S (ppmv)	H2S (ppmv)	H2S (ppmv)	H2S (ppmv)	H2S (ppmv)	H2S (ppmv)	H2S (ppmv)	H2S (ppmv)	H2S (ppmv)	H2S (ppmv)	H2S (ppmv)	H2S (ppmv)	H2S (ppmv)	H2S (ppm
1	East Corner of Tip Floor Rollup Door	0.009	0.006	0.009	0.003	0.006	0.013	0.004	0.022	0.003	0.007	0.003	0.001	0.003	0.008
2	Near Residual Pile on Tip Floor	0.018	0.006	0.007	0.007	0.006	0.012	0.012	0.014	0.007	0.007	0.009	0.007	0.004	0.010
3	Corridor Between MRF and Tip Floor (air moving from MRF to Tip Floor)	0.006	0.006	0.006	0.009	0.004	0.010	0.014	0.006	0.007	0.007	0.009	0.009	0.009	0.008
4	Between C1450 and C520	0.004	0.003	0.008	0.006	0.002	0.003	0.004	0.004	0.006	0.007	0.005	0.005	0.012	0.005
5	Near C740	0.004	0.002	0.004	0.005	0.004	0.004	0.006	0.004	0.001	0.002	0.004	0.002	0.002	0.005
6	Near MRF Floor Sump	0.003	0.004	0.004	0.005	0.003	0.004	0.009	0.003	0.003	0.005	0.003	0.003	0.009	0.005
7	Between C500 and Eyewash, In Front of Control Room	0.006	0.005	0.005	0.006	0.004	0.006	0.009	0.006	0.006	0.006	0.006	0.006	0.004	0.006
8	Between D930 and C980	0.004	0.004	0.005	0.005	0.004	0.006	0.007	0.006	0.006	0.006	0.006	0.006	0.003	0.006
9	Between D290 and D430	0.004	0.004	0.004	0.005	0.004	0.004	0.006	0.003	0.003	0.005	0.004	0.004	0.004	0.005
10	Between D180 and D120	0.004	0.003	0.005	0.006	0.004	0.006	0.006	0.004	0.006	0.006	0.004	0.009	0.009	0.006
11	Between M140 and D101	0.003	0.005	0.004	0.006	0.004	0.006	0.006	0.002	0.003	0.002	0.004	0.003	0.011	0.005
12	Between Trommels	0.004	0.006	0.006	0.007	0.005	0.006	0.009	0.006	0.006	0.007	0.005	0.007	0.028	0.009
13	Between AWS 550s	0.003	0.005	0.006	0.009	0.004	0.004	0.007	0.004	0.004	0.004	0.003	0.005	0.011	0.006
		NH3	NH3	NH3	NH3	AULO	AULIO	AU 12	NH3	NUID	NH3	NH3	NUID	AUUS	0.006
Point	Location Description					NH3	NH3	NH3		NH3			NH3	NH3	NH3
1	East Corner of Tip Floor Rollup Door	(ppmv) 0.0	(ppmv) 0.5	(ppmv) 0.0	(ppmv) 0.0	(ppmv) 0.0	(ppmv) 0.0	(ppmv) 0.0	(ppmv) 0.5	(ppmv) 0.0	(ppmv) 0.5	(ppmv) 0.0	(ppmv) 0.0	(ppmv) 0.0	(ppmv 0.100
2	Near Residual Pile on Tip Floor	0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.5	0.0	1.0	0.0	0.0	0.0	0.100
3	Corridor Between MRF and Tip Floor (air moving from MRF to Tip Floor)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.5	0.5	0.0	0.0	0.0	0.080
4	Between C1450 and C520	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.5	0.5	0.0	0.0	0.0	0.060
5	Near C740	0.0	0.0	0.0	0.5	0.5	0.5	0.0	1.0	0.5	0.5	0.0	0.0	0.0	0.140
6	Near MRF Floor Sump	0.0	0.0	0.0	0.5	0.0	0.0	0.5	0.5	1.0	0.0	0.5	0.5	0.0	0.200
7	Between C500 and Eyewash, In Front of Control Room	0.0	0.0	0.0	0.5	0.0	0.0	0.5	0.5	1.5	1.0	0.0	0.5	0.5	0.220
8	Between D930 and C980	0.0	0.0	0.0	0.5	1.0	0.0	0.0	0.5	1.0	1.0	0.0	0.0	0.0	0.180
9	Between D290 and D430	0.0	0.0	0.0	1.0	0.5	0.5	0.5	1.0	1.0	1.0	0.0	0.0	0.5	0.320
10	Between D180 and D120	0.0	0.0	0.0	1.0	0.5	1.0	0.5	1.0	1.0	1.5	1.0	0.0	0.0	0.420
11	Between M140 and D101	0.0	1.0	0.5	1.0	0.5	0.5	0.5	1.0	1.0	1.0	1.0	0.0	0.0	0.460
12	Between Trommels	0.0	0.5	0.0	0.5	0.0	0.5	1.0	0.5	1.5	1.5	0.5	0.0	0.5	0.500
13	Between AWS 550s	0.0	1.0	0.5	1.0	0.5	0.0	0.5	0.5	1.5	1.5	1.5	0.5	0.0	0.580
															0.271
		PM2.5	PM2.5	PM2.5	PM2.5	PM2.5	PM2.5	PM2.5	PM2.5	PM2.5	PM2.5	PM2.5	PM2.5	PM2.5	
Point	t Location Description	(ug/m3)	(ug/m3)	PM2.5 (ug/m3)	(ug/m3)	(ug/m3)	(ug/m3)	PM2.5 (ug/m3)	(ug/m3)	(ug/m3)	(ug/m3)	(ug/m3)	(ug/m3)	(ug/m3)	PM2.5
1	East Corner of Tip Floor Rollup Door	(ug/m3) 19.2	(ug/m3) 16.0	(ug/m3) 39.2	(ug/m3) 13.0	(ug/m3) 20.9	(ug/m3) 27.9	(ug/m3) 20.6	(ug/m3) 28.5	(ug/m3) 18.9	(ug/m3) 27.5	(ug/m3) 22.5	(ug/m3) 17.3	(ug/m3) 25.2	PM2.5 (ug/m3 28.6
2	East Corner of Tip Floor Rollup Door Near Residual Pile on Tip Floor	(ug/m3) 19.2 13.8	(ug/m3) 16.0 11.3	(ug/m3) 39.2 30.2	(ug/m3) 13.0 13.3	(ug/m3) 20.9 17.7	(ug/m3) 27.9 22.2	(ug/m3) 20.6 22.6	(ug/m3) 28.5 21.5	(ug/m3) 18.9 22.2	(ug/m3) 27.5 28.4	(ug/m3) 22.5 25.8	(ug/m3) 17.3 43.3	(ug/m3) 25.2 11.8	PM2.5 (ug/mi 28.6 29.5
1 2 3	East Corner of Tip Floor Rollup Door Near Residual Pile on Tip Floor Corridor Between MRF and Tip Floor (air moving from MRF to Tip Floor)	(ug/m3) 19.2 13.8 5.9	(ug/m3) 16.0 11.3 7.7	(ug/m3) 39.2 30.2 32.9	(ug/m3) 13.0 13.3 11.8	(ug/m3) 20.9 17.7 12.5	(ug/m3) 27.9 22.2 12.0	(ug/m3) 20.6 22.6 20.5	(ug/m3) 28.5 21.5 17.5	(ug/m3) 18.9 22.2 19.9	(ug/m3) 27.5 28.4 15.8	(ug/m3) 22.5 25.8 13.5	(ug/m3) 17.3 43.3 32.1	(ug/m3) 25.2 11.8 14.1	PM2.5 (ug/m3 28.6 29.5 19.0
1 2 3 4	East Corner of Tip Floor Rollup Door Near Residual Pile on Tip Floor Corridor Between MRF and Tip Floor (air moving from MRF to Tip Floor) Between C1450 and C520	(ug/m3) 19.2 13.8 5.9 6.5	(ug/m3) 16.0 11.3 7.7 8.2	(ug/m3) 39.2 30.2 32.9 19.7	(ug/m3) 13.0 13.3 11.8 13.9	(ug/m3) 20.9 17.7 12.5 17.1	27.9 22.2 12.0 14.0	20.6 22.6 20.5 18.2	28.5 21.5 17.5 16.3	18.9 22.2 19.9 17.6	(ug/m3) 27.5 28.4 15.8 20.9	(ug/m3) 22.5 25.8 13.5 18.1	(ug/m3) 17.3 43.3 32.1 25.9	(ug/m3) 25.2 11.8 14.1 13.7	PM2.5 (ug/m3 28.6 29.5 19.0 18.2
1 2 3 4 5	East Corner of Tip Floor Rollup Door Near Residual Pile on Tip Floor Corridor Between MRF and Tip Floor (air moving from MRF to Tip Floor) Between C1450 and C520 Near C740	(ug/m3) 19.2 13.8 5.9 6.5 15.6	(ug/m3) 16.0 11.3 7.7 8.2 11.6	(ug/m3) 39.2 30.2 32.9 19.7 27.3	(ug/m3) 13.0 13.3 11.8 13.9 12.9	(ug/m3) 20.9 17.7 12.5 17.1 21.9	27.9 22.2 12.0 14.0 38.5	20.6 22.6 20.5 18.2 45.3	28.5 21.5 17.5 16.3 29.4	(ug/m3) 18.9 22.2 19.9 17.6 14.8	27.5 28.4 15.8 20.9 13.8	(ug/m3) 22.5 25.8 13.5 18.1 20.3	(ug/m3) 17.3 43.3 32.1 25.9 18.4	25.2 11.8 14.1 13.7 12.2	29.5 19.0 18.2 25.2
1 2 3 4 5	East Corner of Tip Floor Rollup Door Near Residual Pile on Tip Floor Corridor Between MRF and Tip Floor (air moving from MRF to Tip Floor) Between C1450 and C520 Near C740 Near MRF Floor Sump	(ug/m3) 19.2 13.8 5.9 6.5 15.6 4.3	(ug/m3) 16.0 11.3 7.7 8.2 11.6 5.5	(ug/m3) 39.2 30.2 32.9 19.7 27.3	(ug/m3) 13.0 13.3 11.8 13.9 12.9 7.6	(ug/m3) 20.9 17.7 12.5 17.1 21.9 21.4	(ug/m3) 27.9 22.2 12.0 14.0 38.5 8.7	(ug/m3) 20.6 22.6 20.5 18.2 45.3 23.0	(ug/m3) 28.5 21.5 17.5 16.3 29.4 11.5	(ug/m3) 18.9 22.2 19.9 17.6 14.8 17.6	(ug/m3) 27.5 28.4 15.8 20.9 13.8 12.1	(ug/m3) 22.5 25.8 13.5 18.1 20.3 20.4	(ug/m3) 17.3 43.3 32.1 25.9 18.4 20.4	(ug/m3) 25.2 11.8 14.1 13.7 12.2 38.4	PM2.5 (ug/m3 28.6 29.5 19.0 18.2 25.2
1 2 3 4 5 6 7	East Corner of Tip Floor Rollup Door Near Residual Pile on Tip Floor Corridor Between MRF and Tip Floor (air moving from MRF to Tip Floor) Between C1450 and C520 Near C740 Near MRF Floor Sump Between C500 and Eyewash, In Front of Control Room	(ug/m3) 19.2 13.8 5.9 6.5 15.6 4.3	(ug/m3) 16.0 11.3 7.7 8.2 11.6 5.5 7.6	(ug/m3) 39.2 30.2 32.9 19.7 27.3 7.1 29.6	(ug/m3) 13.0 13.3 11.8 13.9 12.9 7.6 12.2	(ug/m3) 20.9 17.7 12.5 17.1 21.9 21.4 22.5	(ug/m3) 27.9 22.2 12.0 14.0 38.5 8.7 13.2	(ug/m3) 20.6 22.6 20.5 18.2 45.3 23.0 21.3	(ug/m3) 28.5 21.5 17.5 16.3 29.4 11.5	(ug/m3) 18.9 22.2 19.9 17.6 14.8 17.6 22.4	(ug/m3) 27.5 28.4 15.8 20.9 13.8 12.1 19.8	(ug/m3) 22.5 25.8 13.5 18.1 20.3 20.4 18.9	(ug/m3) 17.3 43.3 32.1 25.9 18.4 20.4 34.4	(ug/m3) 25.2 11.8 14.1 13.7 12.2 38.4 24.8	PM2.! (ug/m: 28.6 29.5 19.0 18.2 25.2 17.4 23.8
1 2 3 4 5 6 7	East Corner of Tip Floor Rollup Door Near Residual Pile on Tip Floor Corridor Between MRF and Tip Floor (air moving from MRF to Tip Floor) Between C1450 and C520 Near C740 Near MRF Floor Sump Between C500 and Eyewash, in Front of Control Room Between D930 and C980	(ug/m3) 19.2 13.8 5.9 6.5 15.6 4.3 10.5	(ug/m3) 16.0 11.3 7.7 8.2 11.6 5.5 7.6 5.7	(ug/m3) 39.2 30.2 32.9 19.7 27.3 7.1 29.6 27.9	(ug/m3) 13.0 13.3 11.8 13.9 12.9 7.6 12.2 14.2	(ug/m3) 20.9 17.7 12.5 17.1 21.9 21.4 22.5 20.6	(ug/m3) 27.9 22.2 12.0 14.0 38.5 8.7 13.2 36.1	(ug/m3) 20.6 22.6 20.5 18.2 45.3 23.0 21.3 32.3	(ug/m3) 28.5 21.5 17.5 16.3 29.4 11.5 18.8 23.9	(ug/m3) 18.9 22.2 19.9 17.6 14.8 17.6 22.4 20.8	(ug/m3) 27.5 28.4 15.8 20.9 13.8 12.1 19.8 23.3	(ug/m3) 22.5 25.8 13.5 18.1 20.3 20.4 18.9 21.4	(ug/m3) 17.3 43.3 32.1 25.9 18.4 20.4 34.4 20.5	(ug/m3) 25.2 11.8 14.1 13.7 12.2 38.4 24.8 24.7	PM2.! (ug/m: 28.6 29.5 19.0 18.2 25.2 17.4 23.8 25.6
1 2 3 4 5 6 7 8	East Corner of Tip Floor Rollup Door Near Residual Pile on Tip Floor Corridor Between MRF and Tip Floor (air moving from MRF to Tip Floor) Between C1450 and C520 Near C740 Near MRF Floor Sump Between C500 and Eyewash, In Front of Control Room Between D930 and C980 Between D930 and C980 Between D930 and D930	(ug/m3) 19.2 13.8 5.9 6.5 15.6 4.3 10.5 13.7 20.5	(ug/m3) 16.0 11.3 7.7 8.2 11.6 5.5 7.6 5.7	(ug/m3) 39.2 30.2 32.9 19.7 27.3 7.1 29.6 27.9 27.6	(ug/m3) 13.0 13.3 11.8 13.9 12.9 7.6 12.2 14.2 23.5	(ug/m3) 20.9 17.7 12.5 17.1 21.9 21.4 22.5 20.6 30.5	(ug/m3) 27.9 22.2 12.0 14.0 38.5 8.7 13.2 36.1 37.1	(ug/m3) 20.6 22.6 20.5 18.2 45.3 23.0 21.3 32.3 41.1	(ug/m3) 28.5 21.5 17.5 16.3 29.4 11.5 18.8 23.9 42.3	(ug/m3) 18.9 22.2 19.9 17.6 14.8 17.6 22.4 20.8 27.8	(ug/m3) 27.5 28.4 15.8 20.9 13.8 12.1 19.8 23.3 27.4	(ug/m3) 22.5 25.8 13.5 18.1 20.3 20.4 18.9 21.4 19.9	(ug/m3) 17.3 43.3 32.1 25.9 18.4 20.4 34.4 20.5 21.7	(ug/m3) 25.2 11.8 14.1 13.7 12.2 38.4 24.8 24.7 16.7	PM2.5 (ug/m3 28.6 29.5 19.0 18.2 25.2 17.4 23.8 25.6 31.4
1 2 3 4 5 6 7 8 9	East Corner of Tip Floor Rollup Door Near Residual Pile on Tip Floor Corridor Between MRF and Tip Floor (air moving from MRF to Tip Floor) Between C1450 and C520 Near C740 Near MRF Floor Sump Between C500 and Eyewash, In Front of Control Room Between D930 and C980 Between D290 and C980 Between D290 and D180 Between D180 and D120	(ug/m3) 19.2 13.8 5.9 6.5 15.6 4.3 10.5 13.7 20.5 23.1	(ug/m3) 16.0 11.3 7.7 8.2 11.6 5.5 7.6 5.7 16.5	(ug/m3) 39.2 30.2 32.9 19.7 27.3 7.1 29.6 27.9 27.6 28.6	(ug/m3) 13.0 13.3 11.8 13.9 12.9 7.6 12.2 14.2 23.5 23.6	(ug/m3) 20.9 17.7 12.5 17.1 21.9 21.4 22.5 20.6 30.5 26.2	(ug/m3) 27.9 22.2 12.0 14.0 38.5 8.7 13.2 36.1 37.1 25.2	(ug/m3) 20.6 22.6 20.5 18.2 45.3 23.0 21.3 32.3 41.1 36.0	(ug/m3) 28.5 21.5 17.5 16.3 29.4 11.5 18.8 23.9 42.3 29.9	(ug/m3) 18.9 22.2 19.9 17.6 14.8 17.6 22.4 20.8 27.8 18.2	(ug/m3) 27.5 28.4 15.8 20.9 13.8 12.1 19.8 23.3 27.4 16.6	(ug/m3) 22.5 25.8 13.5 18.1 20.3 20.4 18.9 21.4 19.9 32.9	(ug/m3) 17.3 43.3 32.1 25.9 18.4 20.4 34.4 20.5 21.7 18.7	(ug/m3) 25.2 11.8 14.1 13.7 12.2 38.4 24.8 24.7 16.7 34.5	PM2.: (ug/m 28.6 29.5 19.0 18.2 25.2 17.4 23.8 25.6 31.4
1 2 3 4 5 6 7 8 9 10	East Corner of Tip Floor Rollup Door Near Residual Pile on Tip Floor Corridor Between MRF and Tip Floor (air moving from MRF to Tip Floor) Between C1450 and C520 Near C740 Near C740 Near MRF Floor Sump Between C500 and Eyewash, in Front of Control Room Between C500 and Eyewash, in Front of Control Room Between D303 and C980 Between D303 and C980 Between D303 and C980 Between D180 and D120 Between D180 and D120 Between D180 and D120 Between D180 and D101	(ug/m3) 19.2 13.8 5.9 6.5 15.6 4.3 10.5 13.7 20.5 23.1 18.6	(ug/m3) 16.0 11.3 7.7 8.2 11.6 5.5 7.6 5.7 16.5 12.4 24.6	(ug/m3) 39.2 30.2 32.9 19.7 27.3 7.1 29.6 27.9 27.6 28.6 29.2	(ug/m3) 13.0 13.3 11.8 13.9 12.9 7.6 12.2 14.2 23.5 23.6 22.9	(ug/m3) 20.9 17.7 12.5 17.1 21.9 21.4 22.5 20.6 30.5 26.2 23.3	(ug/m3) 27.9 22.2 12.0 14.0 38.5 8.7 13.2 36.1 37.1 25.2 18.9	(ug/m3) 20.6 22.6 20.5 18.2 45.3 23.0 21.3 32.3 41.1 36.0 32.6	(ug/m3) 28.5 21.5 17.5 16.3 29.4 11.5 18.8 23.9 42.3 29.9 30.8	(ug/m3) 18.9 22.2 19.9 17.6 14.8 17.6 22.4 20.8 27.8 18.2 31.8	(ug/m3) 27.5 28.4 15.8 20.9 13.8 12.1 19.8 23.3 27.4 16.6 16.9	(ug/m3) 22.5 25.8 13.5 18.1 20.3 20.4 18.9 21.4 19.9 32.9 43.5	(ug/m3) 17.3 43.3 32.1 25.9 18.4 20.4 34.4 20.5 21.7 18.7 17.2	(ug/m3) 25.2 11.8 14.1 13.7 12.2 38.4 24.8 24.7 16.7 34.5 9.3	PM2.5 (ug/mi 28.6 (ug/mi 28.6 (ug/mi 28.6 (ug/mi 29.5
1 2 3 4 5 6 7 8 9 10 11	East Corner of Tip Floor Rollup Door Near Residual Pile on Tip Floor Corridor Between MRF and Tip Floor (air moving from MRF to Tip Floor) Between C1450 and C520 Near C740 Near MRF Floor Sump Between C500 and Eyewash, In Front of Control Room Between D930 and C980 Between D930 and C980 Between D180 and D120 Between D180 and D120 Between M140 and D101 Between M140 and D101 Between Trommels	(ug/m3) 19.2 13.8 5.9 6.5 15.6 4.3 10.5 13.7 20.5 23.1 18.6 24.1	(ug/m3) 16.0 11.3 7.7 8.2 11.6 5.5 7.6 5.7 16.5 12.4 24.6 14.4	(ug/m3) 39.2 30.2 32.9 19.7 27.3 7.1 29.6 27.9 27.6 28.6 29.2 27.2	(ug/m3) 13.0 13.3 11.8 13.9 12.9 7.6 12.2 14.2 23.5 23.6 22.9 17.9	(ug/m3) 20.9 17.7 12.5 17.1 21.9 21.4 22.5 20.6 30.5 26.2 23.3 27.2	(ug/m3) 27.9 22.2 12.0 14.0 38.5 8.7 13.2 36.1 37.1 25.2 18.9 29.7	(ug/m3) 20.6 22.6 20.5 18.2 45.3 23.0 21.3 32.3 41.1 36.0 32.6 38.1	(ug/m3) 28.5 21.5 17.5 16.3 29.4 11.5 18.8 23.9 42.3 29.9 30.8 21.3	(ug/m3) 18.9 22.2 19.9 17.6 14.8 17.6 22.4 20.8 27.8 18.2 31.8 31.4	(ug/m3) 27.5 28.4 15.8 20.9 13.8 12.1 19.8 23.3 27.4 16.6 16.9 30.7	(ug/m3) 22.5 25.8 13.5 18.1 20.3 20.4 18.9 21.4 19.9 32.9 43.5 23.3	(ug/m3) 17.3 43.3 32.1 25.9 18.4 20.4 34.4 20.5 21.7 18.7 17.2 32.5	(ug/m3) 25.2 11.8 14.1 13.7 12.2 38.4 24.8 24.7 16.7 34.5 9.3 17.1	PM2.: (ug/mi 28.6 29.5 19.0 18.2 25.2 17.4 25.6 31.4 44.4 33.0 34.9
1 2 3 4 5 6 7 8 9 10	East Corner of Tip Floor Rollup Door Near Residual Pile on Tip Floor Corridor Between MRF and Tip Floor (air moving from MRF to Tip Floor) Between C1450 and C520 Near C740 Near C740 Near MRF Floor Sump Between C500 and Eyewash, in Front of Control Room Between C500 and Eyewash, in Front of Control Room Between D303 and C980 Between D303 and C980 Between D303 and C980 Between D180 and D120 Between D180 and D120 Between D180 and D120 Between D180 and D101	(ug/m3) 19.2 13.8 5.9 6.5 15.6 4.3 10.5 13.7 20.5 23.1 18.6	(ug/m3) 16.0 11.3 7.7 8.2 11.6 5.5 7.6 5.7 16.5 12.4 24.6	(ug/m3) 39.2 30.2 32.9 19.7 27.3 7.1 29.6 27.9 27.6 28.6 29.2	(ug/m3) 13.0 13.3 11.8 13.9 12.9 7.6 12.2 14.2 23.5 23.6 22.9	(ug/m3) 20.9 17.7 12.5 17.1 21.9 21.4 22.5 20.6 30.5 26.2 23.3	(ug/m3) 27.9 22.2 12.0 14.0 38.5 8.7 13.2 36.1 37.1 25.2 18.9	(ug/m3) 20.6 22.6 20.5 18.2 45.3 23.0 21.3 32.3 41.1 36.0 32.6	(ug/m3) 28.5 21.5 17.5 16.3 29.4 11.5 18.8 23.9 42.3 29.9 30.8	(ug/m3) 18.9 22.2 19.9 17.6 14.8 17.6 22.4 20.8 27.8 18.2 31.8	(ug/m3) 27.5 28.4 15.8 20.9 13.8 12.1 19.8 23.3 27.4 16.6 16.9	(ug/m3) 22.5 25.8 13.5 18.1 20.3 20.4 18.9 21.4 19.9 32.9 43.5	(ug/m3) 17.3 43.3 32.1 25.9 18.4 20.4 34.4 20.5 21.7 18.7 17.2	(ug/m3) 25.2 11.8 14.1 13.7 12.2 38.4 24.8 24.7 16.7 34.5 9.3	PM2.: (ug/mi 28.6 29.5 19.0 18.2 25.2 17.4 23.8 25.6 31.4 44.4 33.0 34.9 37.2
1 2 3 4 5 6 7 8 9 10 11	East Corner of Tip Floor Rollup Door Near Residual Pile on Tip Floor Corridor Between MRF and Tip Floor (air moving from MRF to Tip Floor) Between C1450 and C520 Near C740 Near MRF Floor Sump Between C500 and Eyewash, In Front of Control Room Between D930 and C980 Between D930 and C980 Between D180 and D120 Between D180 and D120 Between M140 and D101 Between M140 and D101 Between Trommels	(ug/m3) 19.2 13.8 5.9 6.5 15.6 4.3 10.5 13.7 20.5 23.1 18.6 24.1 25.0	(ug/m3) 16.0 11.3 7.7 8.2 11.6 5.5 7.6 5.7 16.5 12.4 24.6 14.4 22.4	(ug/m3) 39.2 30.2 32.9 19.7 27.3 7.1 29.6 27.9 27.6 28.6 29.2 27.2	(ug/m3) 13.0 13.3 11.8 13.9 12.9 7.6 12.2 14.2 23.5 23.6 22.9 17.9 25.8	(ug/m3) 20.9 17.7 12.5 17.1 21.9 21.4 22.5 20.6 30.5 26.2 23.3 27.2 26.5	(ug/m3) 27.9 22.2 12.0 14.0 38.5 8.7 13.2 36.1 37.1 25.2 18.9 29.7 22.8	(ug/m3) 20.6 22.6 20.5 18.2 45.3 23.0 21.3 32.3 41.1 36.0 32.6 38.1 34.6	(ug/m3) 28.5 21.5 17.5 16.3 29.4 11.5 18.8 23.9 42.3 29.9 30.8 21.3 25.6	(ug/m3) 18.9 22.2 19.9 17.6 14.8 17.6 22.4 20.8 27.8 18.2 31.8 31.4 37.9	(ug/m3) 27.5 28.4 15.8 20.9 13.8 12.1 19.8 23.3 27.4 16.6 16.9 30.7 34.2	(ug/m3) 22.5 25.8 13.5 18.1 20.3 20.4 18.9 21.4 19.9 32.9 43.5 23.3 44.6	(ug/m3) 17.3 43.3 32.1 25.9 18.4 20.4 34.4 20.5 21.7 18.7 17.2 32.5	(ug/m3) 25.2 11.8 14.1 13.7 12.2 38.4 24.8 24.7 16.7 34.5 9.3 17.1 26.3	PM2.: (ug/m: 28.6 29.5 19.0 18.2 25.2 17.4 23.8 25.6 31.4 44.4 33.0 34.9 37.2
1 2 3 4 5 6 7 8 9 10 11 12 13	East Corner of Tip Floor Rollup Door Near Residual Pile on Tip Floor Corridor Between MRF and Tip Floor (air moving from MRF to Tip Floor) Between C1450 and C520 Near C740 Near MRF Floor Sump Between C500 and Eyewash, In Front of Control Room Between D930 and C980 Between D930 and C980 Between D180 and D120 Between D180 and D120 Between M140 and D101 Between M140 and D101 Between Trommels	(ug/m3) 19.2 13.8 5.9 6.5 15.6 4.3 10.5 13.7 20.5 23.1 18.6 24.1	(ug/m3) 16.0 11.3 7.7 8.2 11.6 5.5 7.6 5.7 16.5 12.4 24.6 14.4	(ug/m3) 39.2 30.2 32.9 19.7 27.3 7.1 29.6 27.9 27.6 28.6 29.2 27.2 27.5	(ug/m3) 13.0 13.3 11.8 13.9 12.9 7.6 12.2 14.2 23.5 23.6 22.9 17.9	(ug/m3) 20.9 17.7 12.5 17.1 21.9 21.4 22.5 20.6 30.5 26.2 23.3 27.2	(ug/m3) 27.9 22.2 12.0 14.0 38.5 8.7 13.2 36.1 37.1 25.2 18.9 29.7	(ug/m3) 20.6 22.6 20.5 18.2 45.3 23.0 21.3 32.3 41.1 36.0 32.6 38.1 34.6	(ug/m3) 28.5 21.5 17.5 16.3 29.4 11.5 18.8 23.9 42.3 29.9 30.8 21.3 25.6	(ug/m3) 18.9 22.2 19.9 17.6 14.8 17.6 22.4 20.8 27.8 18.2 31.8 31.4 37.9	(ug/m3) 27.5 28.4 15.8 20.9 13.8 12.1 19.8 23.3 27.4 16.6 16.9 30.7	(ug/m3) 22.5 25.8 13.5 18.1 20.3 20.4 18.9 21.4 19.9 32.9 43.5 23.3	(ug/m3) 17.3 43.3 32.1 25.9 18.4 20.4 34.4 20.5 21.7 18.7 17.2 32.5 PM10	(ug/m3) 25.2 11.8 14.1 13.7 12.2 38.4 24.8 24.7 16.7 34.5 9.3 17.1	PM2.: (ug/m: 28.6 29.5 19.0 18.2 25.2 25.2 25.2 31.4 44.4 33.0 34.9 37.2 28.3 PM10
1 2 3 4 5 6 7 8 9 10 11 12 13	East Corner of Tip Floor Rollup Door Near Residual Pile on Tip Floor Corridor Between MRF and Tip Floor (air moving from MRF to Tip Floor) Between C1450 and C520 Near C740 Near MRF Floor Sump Between C500 and Eyewash, In Front of Control Room Between D930 and C980 Between D930 and C980 Between D180 and D120 Between D180 and D120 Between M140 and D101 Between M140 side M101 Between AWS 550s	(ug/m3) 19.2 13.8 5.9 6.5 15.6 4.3 10.5 13.7 20.5 23.1 18.6 24.1 25.0	(ug/m3) 16.0 11.3 7.7 8.2 11.6 5.5 7.6 5.7 10.5 12.4 24.6 14.4 22.4	(ug/m3) 39.2 30.2 32.9 19.7 27.3 7.1 29.6 27.9 27.6 28.6 29.2 27.2	(ug/m3) 13.0 13.3 11.8 13.9 12.9 7.6 12.2 14.2 23.5 23.6 22.9 17.9 25.8	(ug/m3) 20.9 17.7 12.5 17.1 21.9 21.4 22.5 20.6 30.5 26.2 23.3 27.2 26.5	(ug/m3) 27.9 22.2 12.0 14.0 38.5 8.7 13.2 36.1 37.1 25.2 18.9 29.7 22.8	(ug/m3) 20.6 22.6 20.5 18.2 45.3 23.0 21.3 32.3 41.1 36.0 32.6 38.1 34.6	(ug/m3) 28.5 21.5 17.5 16.3 29.4 11.5 18.8 23.9 42.3 29.9 30.8 21.3 25.6	(ug/m3) 18.9 22.2 19.9 17.6 14.8 17.6 22.4 20.8 27.8 18.2 31.8 31.4 37.9	(ug/m3) 27.5 28.4 15.8 20.9 13.8 12.1 19.8 23.3 27.4 16.6 16.9 30.7 34.2	(ug/m3) 22.5 25.8 13.5 18.1 20.3 20.4 18.9 21.4 19.9 32.9 43.5 23.3 44.6	(ug/m3) 17.3 43.3 32.1 25.9 18.4 20.4 34.4 20.5 21.7 18.7 17.2 32.5	(ug/m3) 25.2 11.8 14.1 13.7 12.2 38.4 24.8 24.7 16.7 34.5 9.3 17.1 26.3	PM2.: (ug/m: 28.6 29.5 19.0 18.2 25.2 25.2 25.2 31.4 44.4 33.0 34.9 37.2 28.3 PM10
1 2 3 4 5 6 7 8 9 10 11 12 13	East Corner of Tip Floor Rollup Door Near Residual Pile on Tip Floor Corridor Between MRF and Tip Floor (air moving from MRF to Tip Floor) Between C1450 and C520 Near C740 Near C740 Near MRF Floor Sump Between C500 and Eyewash, in Front of Control Room Between D930 and C980 Between D930 and C980 Between D180 and D120 Between D180 and D120 Between M140 and D101 Between M140 and D101 Between AWS 550s	(ug/m3) 19.2 13.8 5.9 6.5 15.6 4.3 10.5 13.7 20.5 23.1 18.6 24.1 25.0	(ug/m3) 16.0 11.3 7.7 8.2 11.6 5.5 7.6 5.7 16.5 12.4 24.6 14.4 22.4 PM10 (ug/m3)	(ug/m3) 39.2 30.2 30.2 32.9 19.7 27.3 7.1 29.6 27.9 27.6 28.6 29.2 27.2 27.5	(ug/m3) 13.0 13.3 11.8 13.9 12.9 7.6 12.2 14.2 23.5 23.6 22.9 17.9 25.8 PM10 (ug/m3)	(ug/m3) 20.9 17.7 12.5 17.1 21.9 21.4 22.5 20.6 30.5 26.2 23.3 27.2 26.5 PM10 (ug/m3)	(ug/m3) 27.9 22.2 12.0 14.0 38.5 8.7 13.2 36.1 37.1 25.2 18.9 29.7 22.8	(ug/m3) 20.6 22.6 20.5 18.2 45.3 23.0 21.3 32.3 41.1 36.0 32.6 38.1 34.6	(ug/m3) 28.5 21.5 17.5 16.3 29.4 11.5 18.8 23.9 42.3 29.9 30.8 21.3 25.6	(ug/m3) 18.9 22.2 19.9 17.6 14.8 17.6 22.4 20.8 27.8 18.2 31.8 31.4 37.9	(ug/m3) 27.5 28.4 15.8 20.9 13.8 12.1 19.8 23.3 27.4 16.6 16.9 30.7 34.2 PM10 (ug/m3)	(ug/m3) 22.5 25.8 13.5 18.1 20.3 20.4 18.9 21.4 19.9 32.9 43.5 23.3 44.6	(ug/m3) 17.3 43.3 32.1 25.9 18.4 20.4 34.4 20.5 21.7 18.7 17.2 32.5 32.5	(ug/m3) 25.2 11.8 14.1 13.7 12.2 38.4 24.8 24.7 16.7 34.5 9.3 17.1 26.3 PM10 (ug/m3)	PM2.! (ug/m: 28.6 29.5 19.0 18.2 25.2 17.4 23.8 31.4 44.4 33.0 34.9 37.2 28.3 PM10 (ug/m:
1 2 3 4 5 6 7 8 9 10 11 12 13	East Corner of Tip Floor Rollup Door Near Residual Pile on Tip Floor Corridor Between MRF and Tip Floor (air moving from MRF to Tip Floor) Setween C1450 and C520 Near C740 Near MRF Floor Sump Between C500 and Eyewash, in Front of Control Room Setween D390 and C980 Between D390 and C980 Between D180 and D120 Setween D180 and D120 Setween MRF and MRF	(ug/m3) 19.2 13.8 5.9 6.5 15.6 4.3 10.5 13.7 20.5 23.1 18.6 24.1 25.0 PM10 (ug/m3) 28.5	(ug/m3) 16.0 11.3 7.7 8.2 11.6 5.5 7.6 5.7 16.5 12.4 24.6 14.4 22.4 PM10 (ug/m3) 25.2	(ug/m3) 39.2 30.2 30.2 32.9 19.7 27.3 7.1 29.6 27.9 27.6 28.6 29.2 27.2 27.5	(ug/m3) 13.0 13.3 11.8 13.9 12.9 7.6 12.2 14.2 23.5 23.6 22.9 17.9 25.8	(ug/m3) 20.9 17.7 12.5 17.1 21.9 21.4 22.5 20.6 30.5 26.2 23.3 27.2 26.5	(ug/m3) 27.9 22.2 12.0 14.0 38.5 8.7 13.2 36.1 37.1 25.2 18.9 29.7 22.8 PM10 (ug/m3) 45.8	(ug/m3) 20.6 22.6 20.5 18.2 45.3 23.0 21.3 32.3 41.1 36.0 32.6 38.1 34.6	(ug/m3) 28.5 21.5 17.5 16.3 29.4 11.5 18.8 23.9 42.3 29.9 30.8 21.3 25.6	(ug/m3) 18.9 22.2 19.9 17.6 14.8 17.6 22.4 20.8 27.8 18.2 31.8 31.4 37.9 PM10 (ug/m3) 27.9	(ug/m3) 27.5 28.4 15.8 20.9 13.8 12.1 19.8 23.3 27.4 16.6 16.9 30.7 34.2 PM10 (ug/m3) 43.7	(ug/m3) 22.5 25.8 13.5 18.1 20.3 20.4 18.9 21.4 19.9 32.9 43.5 23.3 44.6 PM10 (ug/m3) 29.1	(ug/m3) 17.3 43.3 32.1 25.9 18.4 20.4 34.4 20.5 21.7 17.2 32.5 32.5 PM10 (ug/m3) 27.5	(ug/m3) 25.2 11.8 14.1 13.7 12.2 38.4 24.8 24.7 16.7 34.5 9.3 17.1 26.3 PM10 (ug/m3) 35.5	PM2.: (ug/m 28.6 29.5 19.0 18.2 25.2 17.4 23.8 25.6 31.4 44.4 33.0 34.9 37.2 28.3 PM10 (ug/m 43.6 47.3
1 2 3 4 5 6 7 8 9 10 11 12 13	East Corner of Tip Floor Rollup Door Near Residual Pile on Tip Floor Corridor Between MRF and Tip Floor (air moving from MRF to Tip Floor) Between C1450 and C520 Near C740 Near MRF Floor Sump Between C500 and Eyewash, In Front of Control Room Between D300 and C980 Between D303 and C980 Between D303 and D120 Between D180 and D120 Between M140 and D101 Between M140 and D101 Between AWS 550s	(ug/m3) 19.2 13.8 5.9 6.5 15.6 4.3 10.5 13.7 20.5 23.1 18.6 24.1 25.0 PM10 (ug/m3) 22.4	(ug/m3) 16.0 11.3 7.7 8.2 11.6 5.5 7.6 5.7 16.5 12.4 24.6 14.4 22.4 PM10 (ug/m3) (ug/m3) 18.3	(ug/m3) 39.2 30.2 30.2 32.9 19.7 27.3 7.1 29.6 27.9 27.6 28.6 29.2 27.2 27.5 PM10 (ug/m3) 56.4	(ug/m3) 13.0 13.3 11.8 13.9 12.9 7.6 12.2 14.2 23.5 22.9 17.9 25.8 PM10 (ug/m3) 17.3 19.6	(ug/m3) 20.9 17.7 12.5 17.1 21.9 21.4 22.5 20.6 30.5 26.2 23.3 27.2 26.5 PM10 (ug/m3) 4 26.9	(ug/m3) 27.9 22.2 12.0 14.0 38.5 8.7 13.2 36.1 37.1 25.2 18.9 29.7 22.8 PM10 (ug/m3) 45.8 33.8	(ug/m3) 20.6 22.6 20.5 18.2 45.3 23.0 21.3 32.3 41.1 36.0 32.6 38.1 34.6 PM10 (ug/m3) 32.0 34.5	(ug/m3) 28.5 21.5 17.5 16.3 29.4 11.5 18.8 23.9 42.3 29.9 30.8 21.3 25.6 PM10 (ug/m3) 44.8 31.7	(ug/m3) 18.9 22.2 19.9 17.6 14.8 17.6 22.4 20.8 27.8 18.2 31.8 31.4 37.9 PM10 (ug/m3) 27.9 33.7	(ug/m3) 27.5 28.4 15.8 20.9 13.8 12.1 19.8 23.3 27.4 16.6 16.9 30.7 34.2 PM10 (ug/m3) 43.7 44.1	(ug/m3) 22.5 25.8 13.5 18.1 20.3 20.4 18.9 21.4 19.9 32.9 43.5 23.3 44.6 PM10 (ug/m3) 29.1 44.0	(ug/m3) 17.3 43.3 32.1 25.9 18.4 20.4 34.4 20.5 21.7 18.7 17.2 32.5 32.5 PM10 (ug/m3) 27.5 71.8	(ug/m3) 25.2 11.8 14.1 13.7 12.2 38.4 24.7 16.7 34.5 9.3 17.1 26.3 PM10 (ug/m3) 35.5 18.9	PM2.: (ug/m 28.6 29.5 19.0 18.2 25.2 17.4 23.8 25.6 31.4 44.4 33.0 34.9 37.2 28.3 PM10 (ug/m 43.6 47.3
1 2 3 4 5 6 7 8 9 10 11 12 13	East Corner of Tip Floor Rollup Door Near Residual Pile on Tip Floor Corridor Between MRF and Tip Floor (air moving from MRF to Tip Floor) Between C1450 and C520 Near C740 Near MRF Floor Sump Between C500 and Eyewash, in Front of Control Room Between D930 and C980 Between D930 and C980 Between D180 and D120 Between D180 and D120 Between M140 and D101 Between M140 and D101 Between AWS 550s t Location Description East Corner of Tip Floor Rollup Door Near Residual Pile on Tip Floor Corridor Between MRF and Tip Floor (air moving from MRF to Tip Floor)	(ug/m3) 19.2 13.8 5.9 6.5 15.6 4.3 10.5 13.7 20.5 23.1 18.6 24.1 25.0 PM10 (ug/m3) 28.5 22.4 7.9 8.8	(ug/m3) 16.0 11.3 7.7 8.2 11.6 5.5 7.6 5.7 16.5 12.4 24.6 14.4 22.4 PM10 (ug/m3) 25.2 18.3 10.6 12.0 11.6	(ug/m3) 39.2 30.2 30.2 32.9 19.7 27.3 7.1 29.6 27.9 27.6 28.6 29.2 27.2 27.5 PM10 (ug/m3) 56.0 46.4 45.2.9 29.9 29.9	(ug/m3) 13.0 13.0 13.3 11.8 13.9 12.9 7.6 12.2 23.5 23.6 22.9 17.9 25.8 PM10 (ug/m3) 17.3 19.6 16.8 20.6	(ug/m3) 20.9 17.7 12.5 17.1 21.9 21.4 22.5 20.6 30.5 26.2 23.3 27.2 26.5 PM10 (ug/m3) 30.4 26.9 18.4	(ug/m3) 27.9 22.2 12.0 14.0 38.5 8.7 13.2 36.1 37.1 25.2 18.9 29.7 22.8 PM10 (ug/m3) 45.8 33.8 18.5 21.2 63.6	(ug/m3) 20.6 22.6 20.5 18.2 45.3 23.0 21.3 32.3 41.1 36.0 32.6 38.1 34.6	(ug/m3) 28.5 21.5 17.5 16.3 29.4 11.5 18.8 23.9 42.3 29.9 30.8 21.3 25.6 (ug/m3) 44.8 31.7 26.6 25.5 47.4	(ug/m3) 18.9 22.2 19.9 17.6 14.8 17.6 22.4 20.8 27.8 18.2 31.8 31.4 37.9 PM10 (ug/m3) 27.9 33.7 29.6 26.7 23.7	(ug/m3) 27.5 28.4 15.8 20.9 13.8 12.1 19.8 23.3 27.4 16.6 16.9 30.7 34.2 PM10 (ug/m3) 43.7 44.1 25.0	(ug/m3) 22.5 25.8 13.5 18.1 20.3 20.4 18.9 21.4 19.9 32.9 43.5 23.3 44.6 (ug/m3) 29.1 44.0 23.0 29.8 30.4	(ug/m3) 17.3 43.3 32.1 25.9 18.4 20.4 34.4 20.5 21.7 17.2 32.5 32.5 32.5 71.8 53.4 41.8 26.7	(ug/m3) 25.2 11.8 14.1 13.7 12.2 38.4 24.8 24.7 16.7 34.5 9.3 17.1 26.3 PM10 (ug/m3) 35.5 18.9 37.8 18.1 21.3	PM2. (ug/m 28.6 29.5 19.0 18.2 25.2 25.6 31.4 44.4 33.0 34.9 37.2 28.3 PM1 (ug/m 43.6 47.3 30.1 27.7
1 2 3 4 5 6 7 8 9 10 11 12 13	East Corner of Tip Floor Rollup Door Near Residual Pile on Tip Floor Corridor Between MRF and Tip Floor (air moving from MRF to Tip Floor) Between C1450 and C520 Near C740 Near C740 Near MRF Floor Sump Between C500 and Eyewash, in Front of Control Room Between D300 and C980 Between D290 and D430 Between D180 and D120 Between D180 and D120 Between Tommels Between AWS 550s Location Description East Corner of Tip Floor Rollup Door Near Residual Pile on Tip Floor Corridor Between MRF and Tip Floor (air moving from MRF to Tip Floor) Between C1450 and C520 Near C740 Near MRF Floor Sump	(ug/m3) 19.2 13.8 5.9 6.5 15.6 4.3 10.5 13.7 20.5 23.1 18.6 24.1 25.0 PM10 (ug/m3) 28.5 22.4 7.9 8.8 24.3	(ug/m3) 16.0 11.3 7.7 8.2 11.6 5.5 7.6 5.7 16.5 12.4 24.6 14.4 22.4 PM10 (ug/m3) 25.2 18.3 10.6 12.0 16.2	(ug/m3) 39.2 30.2 30.2 32.9 19.7 27.3 7.1 29.6 27.9 27.6 29.2 27.2 27.5 PM10 (ug/m3) 56.0 46.4 52.9 29.9 45.5	(ug/m3) 13.0 13.0 13.3 11.8 13.9 12.9 7.6 12.2 14.2 23.5 22.9 17.9 25.6 22.9 17.9 17.3 19.6 16.8 20.6 19.5	(ug/m3) 20.9 17.7 12.5 17.1 21.9 21.4 22.5 20.6 30.5 26.2 23.3 27.2 26.5 26.5 26.9 18.4 24.0 32.1 30.6	(ug/m3) 27.9 22.2 12.0 14.0 38.5 8.7 13.2 36.1 25.2 18.9 PM10 (ug/m3) 45.8 33.8 18.5 21.2 63.6 12.7	(ug/m3) 20.6 22.6 22.6 20.5 18.2 45.3 23.0 21.3 32.3 41.1 36.0 32.6 38.1 34.6 PM10 (ug/m3) 32.0 34.5 30.4 28.4 75.2 35.4	(ug/m3) 28.5 21.5 17.5 16.3 29.4 11.5 18.8 23.9 42.3 29.9 30.8 21.3 25.6 PM10 (ug/m3) 44.8 31.7 26.6 25.5 47.4	(ug/m3) 18.9 22.2 19.9 17.6 14.8 17.6 22.4 20.8 27.8 18.2 31.4 37.9 PM10 (ug/m3) 27.9 33.7 29.6 26.7 23.7 27.2	(ug/m3) 27.5 28.4 15.8 20.9 13.8 12.1 19.8 23.3 27.4 16.6 16.9 30.7 34.2 PM10 (ug/m3) 43.7 44.1 25.0 32.1 21.3 18.0	(ug/m3) 22.5 25.8 13.5 18.1 20.3 20.4 18.9 21.4 19.9 32.9 43.5 23.3 44.6 PM10 (ug/m3) 29.1 44.0 23.0 29.8 30.4 31.6	(ug/m3) 17.3 43.3 32.1 25.9 18.4 20.4 34.4 20.5 21.7 18.7 17.2 32.5 32.5 PM10 (ug/m3) 27.5 71.8 53.4 41.8 26.7 32.7	(ug/m3) 25.2 11.8 14.1 13.7 12.2 38.4 24.8 24.7 16.7 34.5 9.3 17.1 26.3 PM10 (ug/m3) 35.5 18.9 37.8 18.1 21.3 18.9	PM2. (ug/m 28.6 29.5.2 19.0 18.2 25.2 25.6 25.6 33.0 34.9 37.2 28.3 PM1: (ug/m 47.3 30.1 27.7 41.3 25.2
1 2 3 4 5 6 7 8 9 10 11 12 13 Point 1 2 3 4 5 6 7 7 8 9 9 10 10 10 10 10 10 10 10 10 10 10 10 10	East Corner of Tip Floor Rollup Door Near Residual Pile on Tip Floor Corridor Between MRF and Tip Floor (air moving from MRF to Tip Floor) Between C1450 and C520 Near C740 Near MRF Floor Sump Between C500 and Eyewash, in Front of Control Room Between D300 and D430 Between D300 and D430 Between D180 and D120 Between D180 and D120 Between MAI O and D101 Between AWS 550s t Location Description East Corner of Tip Floor Rollup Door Near Residual Pile on Tip Floor Corridor Between MRF and Tip Floor (air moving from MRF to Tip Floor) Rear C740 Near MRF Floor Sump Between C500 and Eyewash, in Front of Control Room	(ug/m3) 19.2 13.8 5.9 6.5 15.6 4.3 10.5 20.5 23.1 18.6 24.1 25.0 PM10 (ug/m3) 28.5 22.4 7.9 8.8 24.3 5.1 15.5	(ug/m3) 16.0 11.3 7.7 8.2 11.6 5.5 7.6 5.7 16.5 12.4 22.4 PM10 (ug/m3) 10.6 12.0 12.0 12.0 12.0 12.0 13.3	(ug/m3) 39.2 30.2 30.2 32.9 19.7 27.3 7.1 29.6 27.9 27.6 28.6 29.2 27.2 27.5 PM10 (ug/m3) 56.0 46.4 52.9 45.5 11.9	(ug/m3) 13.0 13.0 13.3 11.8 13.9 12.9 7.6 12.2 23.5 23.6 22.9 17.9 25.8 PMIO (ug/m3) 17.3 19.6 16.8 20.6 19.5 10.1 18.6	(ug/m3) 20.9 17.7 12.5 17.1 21.9 21.4 22.5 20.6 30.5 26.2 23.3 27.2 26.5 PMIO (ug/m3) 30.4 26.9 18.4 24.0 32.1 30.6 33.6	(ug/m3) 27.9 22.2 12.0 14.0 38.5 8.7 13.2 36.1 37.1 25.2 18.9 29.7 22.8 PM10 (ug/m3) 45.8 33.8 18.5 21.2 63.6 12.7 19.3	(ug/m3) 20.6 22.6 22.5 18.2 45.3 23.0 21.3 32.3 41.1 36.0 32.6 38.1 34.6 PM10 (ug/m3) 32.0 34.5 30.4 28.4 75.2 35.4 33.3	(ug/m3) 28.5 21.5 17.5 16.3 29.4 11.5 18.8 23.9 42.3 29.9 30.8 21.3 25.6 PM10 (ug/m3) 44.8 31.7 26.6 25.5 47.4 15.4 29.5	(ug/m3) 18.9 22.2 19.9 17.6 14.8 17.6 22.4 20.8 27.8 18.2 31.8 31.4 37.9 PM10 (ug/m3) 27.9 33.7 29.6 26.7 23.7 27.2 35.5	(ug/m3) 27.5 28.4 15.8 20.9 13.8 12.1 19.8 23.3 27.4 16.6 16.9 30.7 34.2 PM10 (ug/m3) 43.7 44.1 25.0 32.1 21.3 18.0 32.0	(ug/m3) 22.5 25.8 13.5 18.1 20.3 20.4 18.9 21.4 19.9 32.9 43.5 23.3 44.6	(ug/m3) 17.3 43.3 32.1 25.9 18.4 20.4 34.4 20.5 21.7 17.2 32.5 32.5 PM10 (ug/m3) 27.5 71.8 53.4 41.8 26.7 32.7 56.5	(ug/m3) 25.2 11.8 14.1 13.7 12.2 38.4 24.8 24.7 16.7 34.5 9.3 17.1 26.3 PM10 (ug/m3) 35.5 18.9 37.8 18.1 21.3 18.9 18.2	PM2. (ug/m 28.6 29.5 29.5 29.5 29.5 29.5 29.5 29.5 29.5
1 2 3 4 5 6 7 8 9 10 11 12 13 Point 1 2 3 4 5 6 7 7 8 9 9 10 10 10 10 10 10 10 10 10 10 10 10 10	East Corner of Tip Floor Rollup Door Near Residual Pile on Tip Floor Corridor Between MRF and Tip Floor (air moving from MRF to Tip Floor) Between C1450 and C520 Near C740 Near MRF Floor Sump Between D300 and Eyewash, In Front of Control Room Between D300 and C580 Between D300 and D300 Between D300 and D300 Between D300 and D300 Between D300 and D300 Between M140 and D101 Between M140 and D101 Between M40 Setween M300 Between AWS 550s Location Description East Corner of Tip Floor Rollup Door Near Residual Pile on Tip Floor Corridor Between MRF and Tip Floor (air moving from MRF to Tip Floor) Between C1450 and C520 Near MRF Floor Sump Between C500 and Eyewash, in Front of Control Room Between C500 and Eyewash, in Front of Control Room Between C500 and Eyewash, in Front of Control Room	(ug/m3) 19.2 13.8 5.9 6.5 15.6 4.3 10.5 13.7 20.5 23.1 18.6 24.1 25.0 PM10 (ug/m3) 28.5 22.4 7.9 8.8 24.3 5.1 15.5	(ug/m3) 16.0 11.3 7.7 8.2 11.6 5.5 7.6 5.7 16.5 12.4 24.6 14.4 22.4 PM10 (ug/m3) 25.2 18.3 10.6 12.0 16.2 8.0	(ug/m3) 39.2 30.2 30.2 32.9 19.7 27.3 7.1 29.6 27.9 27.6 28.6 29.2 27.2 27.2 27.5 27.6 46.4 52.9 29.9 45.5 11.9 47.9	(ug/m3) 13.0 13.3 11.8 13.9 12.9 7.6 12.2 14.2 23.5 22.9 17.9 17.9 25.8 PM10 (ug/m3) 17.3 19.6 16.8 20.6 19.5 10.1 18.6	(ug/m3) 20.9 17.7 12.5 17.7 12.5 17.1 21.9 21.4 22.5 20.6 30.5 26.2 23.3 27.2 26.5 PM10 (ug/m3) 30.4 26.9 18.4 24.0 32.1 30.6 33.6 33.6	(ug/m3) 27.9 27.9 22.2 12.0 14.0 38.5 8.7 13.2 36.1 37.1 25.2 18.9 29.7 22.8 PM10 (ug/m3) 45.8 33.8 18.5 21.2 63.6 12.7 19.3 58.6	(ug/m3) 20.6 22.6 22.5 18.2 45.3 23.0 21.3 32.3 41.1 36.0 32.6 38.1 34.6 PM10 (ug/m3) 32.0 34.5 30.4 25.3 35.6 35.6	(ug/m3) 28.5 21.5 21.5 17.5 16.3 29.4 11.5 18.8 23.9 42.3 29.9 30.8 21.3 25.6 PM10 (ug/m3) 44.8 31.7 26.6 25.5 47.4 15.4 29.5	(ug/m3) 18.9 22.2 19.9 17.6 14.8 17.6 22.4 20.8 27.8 18.2 31.4 37.9 PM10 (ug/m3) 27.9 33.7 29.6 26.7 23.7 27.2 35.5	(ug/m3) 27.5 28.4 15.8 20.9 13.8 12.1 19.8 23.3 27.4 16.6 16.9 30.7 34.2 PM10 (ug/m3) 43.7 44.1 25.0 32.1 18.0 32.0 36.6	(ug/m3) 22.5 25.8 13.5 18.1 20.3 20.4 18.9 21.4 19.9 32.9 43.5 23.3 44.6 PM10 (ug/m3) 29.1 44.0 31.6 31.7 35.4	(ug/m3) 17.3 43.3 32.1 25.9 18.4 20.4 34.4 20.5 21.7 18.7 17.2 32.5 32.5 27.7 18.7 17.2 32.5 32.5 32.5 32.5 32.5 32.5	(ug/m3) 25.2 11.8 14.1 13.7 12.2 38.4 24.8 24.7 16.7 34.5 9.3 17.1 26.3 PM10 (ug/m3) 37.8 18.9 18.9 18.9 18.9 18.2 62.7	PM2 (ug/m/m/m/m/m/m/m/m/m/m/m/m/m/m/m/m/m/m/m
1 2 3 4 5 6 7 8 9 10 11 12 13 2 3 4 5 6 7 8 9 9 10 11 12 13	East Corner of Tip Floor Rollup Door Near Residual Pile on Tip Floor Corridor Between MRF and Tip Floor (air moving from MRF to Tip Floor) Setween C1450 and C520 Near C740 Near MRF Floor Sump Between C500 and Eyewash, in Front of Control Room Setween D390 and C980 Between D290 and D430 Between D180 and D120 Between D180 and D120 Between Tommels Between AWS 550s t Location Description East Corner of Tip Floor Rollup Door Near Residual Pile on Tip Floor Corridor Between MRF and Tip Floor (air moving from MRF to Tip Floor) Between C1450 and C520 Near C740 Near MRF Floor Sump Between C500 and Eyewash, in Front of Control Room Between C900 and C980 Between D930 and C980 Between D930 and C980 Between D930 and D430	(ug/m3) 19.2 13.8 5.9 6.5 15.6 4.3 10.5 13.7 20.5 23.1 18.6 24.1 25.0 PM10 (ug/m3) 28.5 22.4 7.9 8.8 24.3 5.1 15.5 21.8	(ug/m3) 16.0 11.3 7.7 8.2 11.6 5.5 7.6 5.7 16.5 12.4 24.6 14.4 22.4 PM10 (ug/m3) 25.2 18.3 10.6 12.0 16.2 8.0 11.3 7.9 25.2	(ug/m3) 39.2 30.2 30.2 32.9 19.7 27.3 7.1 29.6 27.9 27.6 28.6 29.2 27.2 27.2 27.5 PM10 (ug/m3) 56.0 46.4 52.9 29.9 45.5 11.9 47.9 48.6	(ug/m3) 13.0 13.0 13.3 11.8 13.9 12.9 7.6 12.2 14.2 23.5 22.9 17.9 25.6 22.9 17.9 25.6 20.6 19.5 10.1 18.6 22.5	(ug/m3) 20.9 17.7 12.5 17.1 21.9 21.4 22.5 20.6 30.5 26.2 23.3 27.2 26.5 26.9 18.4 24.0 32.1 30.6 33.6 33.6 31.7	(ug/m3) 27.9 22.2 12.0 14.0 38.5 8.7 13.2 36.1 37.1 25.2 18.9 29.7 22.8 33.8 18.5 21.2 63.6 12.7 19.3 58.6	(ug/m3) 20.6 22.6 22.6 20.5 18.2 45.3 23.0 21.3 32.3 41.1 36.0 32.6 38.1 34.6 34.6 32.0 32.6 33.3 34.5 34.6 33.3 51.6 68.2	(ug/m3) 28.5 21.5 21.5 17.5 16.3 29.4 11.5 18.8 23.9 42.3 29.9 30.8 21.3 25.6 (ug/m3) 44.8 31.7 26.6 25.5 47.4 15.4 29.5 37.7 68.2	(ug/m3) 18.9 22.2 19.9 17.6 14.8 17.6 22.4 20.8 27.8 18.2 31.8 31.4 37.9 PM10 (ug/m3) 27.9 33.7 29.6 26.7 23.7 27.2 35.5 32.6	(ug/m3) 27.5 28.4 15.8 20.9 13.8 12.1 19.8 22.3 16.6 16.9 30.7 34.2 PM10 (ug/m3) 43.7 44.1 25.0 32.1 21.3 18.0 32.0 36.6 44.2	(ug/m3) 22.5 25.8 13.5 18.1 20.3 20.4 18.9 21.4 19.9 43.5 23.3 44.6 PM10 (ug/m3) 29.1 44.0 23.0 29.8 30.4 31.6 31.7 35.4	(ug/m3) 17.3 43.3 32.1 25.9 18.4 20.4 34.4 20.5 21.7 17.2 32.5 32.5 71.8 71.8 26.7 32.7 71.8 53.4 41.8 26.7 32.7 56.5 31.6	(ug/m3) 25.2 11.8 14.1 13.7 12.2 38.4 24.8 24.7 16.7 34.5 9.3 17.1 26.3 PM10 (ug/m3) 35.5 18.9 37.8 18.1 21.3 18.9 26.5	PM2.9 (ug/mi 28.6 29.5 19.0 18.2 25.2 17.4 23.8 25.6 31.4 44.4 33.0 34.9 37.2 28.3 PM10 (ug/mi 43.6 47.3 30.1 27.7 41.3 25.2 36.8 41.2 50.3
1 2 3 4 5 6 7 8 9 10 11 12 13 4 5 6 6 7 8 9 10 11 12 13 4 5 6 6 7 7 8 8 9 9 10 10 10 10 10 10 10 10 10 10 10 10 10	East Corner of Tip Floor Rollup Door Near Residual Pile on Tip Floor Corridor Between MRF and Tip Floor (air moving from MRF to Tip Floor) Between C1450 and C520 Near C740 Near MRF Floor Sump Between C500 and Eyewash, In Front of Control Room Between D930 and C980 Between D180 and D120 Between D180 and D120 Between M140 and D101 Between AWS 550s Location Description East Corner of Tip Floor Rollup Door Near Residual Pile on Tip Floor Corridor Between MRF and Tip Floor (air moving from MRF to Tip Floor) Between C500 and Eyewash, In Front of Control Room Between C500 and C520 Near C740 Near MRF Floor Sump Between D30 and C980 Between D30 and C980 Between D30 and C980 Between D30 and D30	(ug/m3) 19.2 13.8 5.9 6.5 15.6 4.3 10.5 23.1 18.6 24.1 25.0 PM10 (ug/m3) 28.5 22.4 7.9 8.8 24.3 5.1 15.5 21.8 33.6	(ug/m3) 16.0 11.3 7.7 8.2 11.6 5.5 5.7 16.5 5.7 16.5 12.4 24.6 14.4 22.4 PM10 (ug/m3) 25.2 18.3 10.6 11.3 10.6 11.3 7.9 25.2 20.4	(ug/m3) 39.2 30.2 30.2 32.9 19.7 27.3 7.1 29.6 27.9 27.6 28.6 29.2 27.5 PM10 (ug/m3) 56.0 46.4 52.9 45.5 11.9 48.6 43.6 43.6	(ug/m3) 13.0 13.3 13.8 11.8 13.9 12.9 7.6 12.2 14.2 23.5 22.9 17.9 25.8 PM10 (ug/m3) 17.3 19.6 16.8 20.6 19.5 10.1 18.6 22.5 37.3 38.7	(ug/m3) 20.9 17.7 12.5 17.1 21.9 21.4 22.5 20.6 30.5 26.2 23.3 37.2 26.5 PM10 (ug/m3) 30.4 26.9 33.6 33.6 31.7 48.5	(ug/m3) 27.9 27.9 22.2 12.0 14.0 38.5 8.7 13.2 36.1 37.1 25.2 18.9 29.7 22.8 PM10 (ug/m3) 45.8 33.8 18.5 21.2 63.6 12.7 19.3 58.6 58.8 40.6	(ug/m3) 20.6 22.6 22.6 22.5 18.2 45.3 23.0 21.3 32.3 41.1 36.0 32.6 38.1 34.6 PM10 (ug/m3) 32.0 34.5 30.4 75.2 35.4 33.3 51.6 68.2 61.5	(ug/m3) 28.5 21.5 21.5 17.5 16.3 29.4 11.5 18.8 23.9 42.3 29.9 30.8 21.3 25.6 PM10 (ug/m3) 44.8 31.7 26.6 25.5 47.4 15.4 29.5 37.7 68.2	(ug/m3) 18.9 22.2 19.9 17.6 14.8 17.6 22.4 20.8 27.8 18.2 31.4 37.9 PM10 (ug/m3) 27.9 33.7 29.6 26.7 23.7 27.2 35.5 32.6 45.6	(ug/m3) 27.5 28.4 15.8 20.9 13.8 12.1 19.8 23.3 27.4 16.6 16.9 30.7 34.2 PM10 (ug/m3) 44.1 25.0 32.1 21.3 18.0 32.0 36.6 44.2 27.2	(ug/m3) 22.5 25.8 13.5 18.1 20.3 20.4 18.9 21.4 19.9 32.9 43.5 23.3 44.6 PM10 (ug/m3) 29.1 44.0 23.0 29.8 30.4 31.6 31.7 35.4 32.4	(ug/m3) 17.3 43.3 32.1 25.9 18.4 20.4 34.4 20.5 21.7 18.7 17.2 32.5 32.5 71.8 53.4 41.8 26.7 32.7 56.5 31.6 35.7 30.0	(ug/m3) 25.2 11.8 14.1 13.7 12.2 38.4 24.8 24.7 16.7 34.5 9.3 17.1 26.3 PM10 (ug/m3) 35.5 18.9 37.8 18.1 21.3 18.9 18.2 62.7 26.5	PM2.5 (ug/m3 28.6 29.5 19.0 18.2 25.2 25.2 25.6 31.4 44.4 33.0 37.2 28.3 PM100 (ug/m3 44.3 30.1 12.5 25.2 36.8 41.2 50.3 50.3 50.3 50.3 50.3 50.3 50.3 50.3
1 2 3 4 5 6 7 8 9 10 11 12 13 7 8 9 10 7 12 7 8 9 10 7 10 7 10 10 10 10 10 10 10 10 10 10 10 10 10	East Corner of Tip Floor Rollup Door Near Residual Pile on Tip Floor Corridor Between MRF and Tip Floor (air moving from MRF to Tip Floor) Between C1450 and C520 Near C740 Near C740 Near MRF Floor Sump Between C390 and Eyewash, in Front of Control Room Between D390 and C980 Between D390 and C980 Between D390 and D430 Between D390 and D120 Between D180 and D120 Between Trommels Between AWS 550s Location Description East Corner of Tip Floor Rollup Door Near Residual Pile on Tip Floor Corridor Between MRF and Tip Floor (air moving from MRF to Tip Floor) Between C1450 and C520 Near C740 Near MRF Floor Sump Between C500 and Eyewash, in Front of Control Room Between D300 and C980 Between D390 and C980 Between D390 and C980 Between D390 and D430 Between D180 and D120	(ug/m3) 19.2 13.8 5.9 6.5 15.6 4.3 10.5 13.7 20.5 23.1 18.6 24.1 25.0 PM10 (ug/m3) 28.5 22.4 7.9 8.8 24.3 5.1 15.5 21.8 33.6 35.9	(ug/m3) 16.0 11.3 7.7 8.2 11.6 5.5 7.6 5.7 16.5 12.4 24.6 14.4 22.4 PM10 (ug/m3) 25.2 18.3 10.6 12.0 11.3 7.9 25.2 20.4	(ug/m3) 39.2 30.2 30.2 32.9 19.7 27.3 7.1 29.6 28.6 29.2 27.2 27.2 27.5 PM10 (ug/m3) 56.0 46.4 52.9 29.9 47.9 48.6 43.6 46.3	(ug/m3) 13.0 13.3 11.8 13.9 12.9 7.6 12.2 14.2 23.5 23.6 22.9 17.9 PM10 (ug/m3) 17.3 19.6 16.8 20.6 19.5 10.1 18.6 22.5 37.3 38.7	(ug/m3) 20.9 17.7 12.5 17.7 12.5 17.1 21.9 21.4 22.5 20.6 30.5 26.2 23.3 27.2 26.5 PM10 (ug/m3) 30.4 26.9 30.6 33.6 33.6 33.6 33.6 33.6 33.6 33.7 48.5	(ug/m3) 27.9 22.2 12.0 14.0 38.5 8.7 13.2 36.1 37.1 25.2 18.9 29.7 22.8 PM10 (ug/m3) 45.8 33.8 18.5 21.2 63.6 12.7 19.3 58.6 40.6 58.8 40.6	(ug/m3) 20.6 22.6 22.6 22.5 18.2 45.3 23.0 21.3 32.3 41.1 36.0 32.6 38.1 34.6 PM10 (ug/m3) 32.0 34.5 30.4 28.4 75.2 35.4 33.3 51.6 68.2 61.5 54.6	(ug/m3) 28.5 21.5 21.5 17.5 16.3 29.4 11.5 18.8 23.9 42.3 29.9 30.8 21.3 25.6 (ug/m3) 44.8 31.7 26.6 25.5 47.4 15.4 29.5 37.7 68.2 51.6	(ug/m3) 18.9 22.2 19.9 17.6 14.8 17.6 22.4 20.8 27.8 18.2 31.8 31.4 37.9 9M10 (ug/m3) 27.9 33.7 29.6 26.7 23.7 27.2 35.5 32.6 45.6 30.3 48.4	(ug/m3) 27.5 28.4 15.8 20.9 13.8 12.1 19.8 23.3 27.4 16.6 16.9 30.7 34.2 27.4 15.8 23.3 27.4 16.6 16.9 30.7 34.2 21.3 34.2 21.2 21.3 32.0 36.6 44.2 27.2	(ug/m3) 22.5 25.8 13.5 18.1 20.3 20.4 18.9 21.4 19.9 32.9 43.5 23.3 44.6 (ug/m3) 29.1 44.0 23.0 29.8 30.4 31.6 31.7 35.4 32.4 55.8	(ug/m3) 17.3 43.3 32.1 25.9 18.4 20.4 33.4 20.5 21.7 17.2 32.5 32.5 71.8 PM10 (ug/m3) 27.5 71.8 53.4 41.8 26.7 32.7 56.5 31.6 35.7 30.0 27.3	(ug/m3) 25.2 11.8 11.8 14.1 13.7 12.2 38.4 24.7 16.7 34.5 9.3 17.1 26.3 PM10 (ug/m3) 35.5 18.9 37.8 18.1 21.3 18.9 18.2 62.7 26.5 52.4 38.7	PM2.5.2 (ug/mix) 19.0.0 19.0.1 19.0.1 18.2.2 15.2.2 15.2.3 18.2.2 15.2.3 18.2.2 19.3 19.3 19.3 19.3 19.3 19.3 19.3 19.3
1 2 3 4 5 6 7 8 9 10 11 12 13 4 5 6 6 7 8 9 10 11 12 13 4 5 6 6 7 7 8 8 9 9 10 10 10 10 10 10 10 10 10 10 10 10 10	East Corner of Tip Floor Rollup Door Near Residual Pile on Tip Floor Corridor Between MRF and Tip Floor (air moving from MRF to Tip Floor) Between C1450 and C520 Near C740 Near MRF Floor Sump Between C500 and Eyewash, In Front of Control Room Between D930 and C980 Between D180 and D120 Between D180 and D120 Between M140 and D101 Between AWS 550s Location Description East Corner of Tip Floor Rollup Door Near Residual Pile on Tip Floor Corridor Between MRF and Tip Floor (air moving from MRF to Tip Floor) Between C500 and Eyewash, In Front of Control Room Between C500 and C520 Near C740 Near MRF Floor Sump Between D30 and C980 Between D30 and C980 Between D30 and C980 Between D30 and D30	(ug/m3) 19.2 13.8 5.9 6.5 15.6 4.3 10.5 23.1 18.6 24.1 25.0 PM10 (ug/m3) 28.5 22.4 7.9 8.8 24.3 5.1 15.5 21.8 33.6	(ug/m3) 16.0 11.3 7.7 8.2 11.6 5.5 5.7 16.5 5.7 16.5 12.4 24.6 14.4 22.4 PM10 (ug/m3) 25.2 18.3 10.6 11.3 10.6 11.3 7.9 25.2 20.4	(ug/m3) 39.2 30.2 30.2 32.9 19.7 27.3 7.1 29.6 27.9 27.6 28.6 29.2 27.5 PM10 (ug/m3) 56.0 46.4 52.9 45.5 11.9 48.6 43.6 43.6	(ug/m3) 13.0 13.3 13.8 11.8 13.9 12.9 7.6 12.2 14.2 23.5 22.9 17.9 25.8 PM10 (ug/m3) 17.3 19.6 16.8 20.6 19.5 10.1 18.6 22.5 37.3 38.7	(ug/m3) 20.9 17.7 12.5 17.1 21.9 21.4 22.5 20.6 30.5 26.2 23.3 37.2 26.5 PM10 (ug/m3) 30.4 26.9 33.6 33.6 31.7 48.5	(ug/m3) 27.9 27.9 22.2 12.0 14.0 38.5 8.7 13.2 36.1 37.1 25.2 18.9 29.7 22.8 PM10 (ug/m3) 45.8 33.8 18.5 21.2 63.6 12.7 19.3 58.6 58.8 40.6	(ug/m3) 20.6 22.6 22.6 22.5 18.2 45.3 23.0 21.3 32.3 41.1 36.0 32.6 38.1 34.6 PM10 (ug/m3) 32.0 34.5 30.4 75.2 35.4 33.3 51.6 68.2 61.5	(ug/m3) 28.5 21.5 21.5 17.5 16.3 29.4 11.5 18.8 23.9 42.3 29.9 30.8 21.3 25.6 PM10 (ug/m3) 44.8 31.7 26.6 25.5 47.4 15.4 29.5 37.7 68.2	(ug/m3) 18.9 22.2 19.9 17.6 14.8 17.6 22.4 20.8 27.8 18.2 31.4 37.9 PM10 (ug/m3) 27.9 33.7 29.6 26.7 23.7 27.2 35.5 32.6 45.6	(ug/m3) 27.5 28.4 15.8 20.9 13.8 12.1 19.8 23.3 27.4 16.6 16.9 30.7 34.2 PM10 (ug/m3) 44.1 25.0 32.1 21.3 18.0 32.0 36.6 44.2 27.2	(ug/m3) 22.5 25.8 13.5 18.1 20.3 20.4 18.9 21.4 19.9 32.9 43.5 23.3 44.6 PM10 (ug/m3) 29.1 44.0 23.0 29.8 30.4 31.6 31.7 35.4 32.4	(ug/m3) 17.3 43.3 32.1 25.9 18.4 20.4 34.4 20.5 21.7 18.7 17.2 32.5 32.5 71.8 53.4 41.8 26.7 32.7 56.5 31.6 35.7 30.0	(ug/m3) 25.2 11.8 14.1 13.7 12.2 38.4 24.8 24.7 16.7 34.5 9.3 17.1 26.3 PM10 (ug/m3) 35.5 18.9 37.8 18.1 21.3 18.9 18.2 62.7 26.5	PM2.5 (ug/m3 28.6 29.5 19.0 18.2 25.2 25.2 25.6 31.4 44.4 33.0 37.2 28.3 PM100 (ug/m3 44.3 30.1 12.5 25.2 36.8 41.2 50.3 50.3 50.3 50.3 50.3 50.3 50.3 50.3

The facility was running MSW & SSR

All of the rollup doors were open

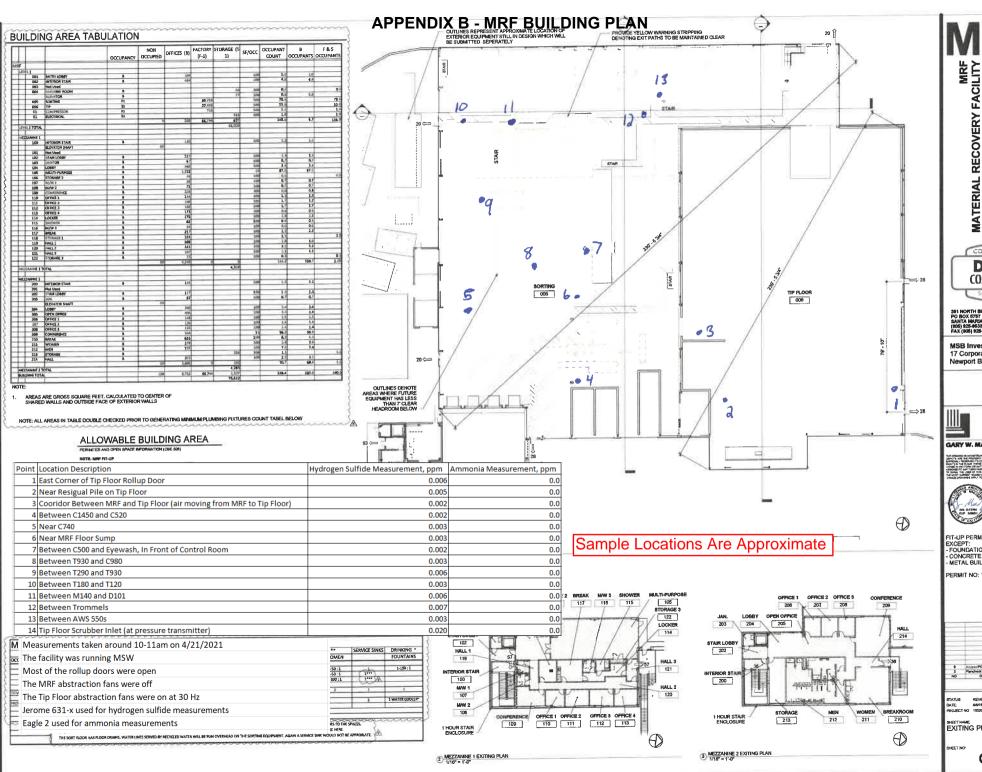
The MRF abstraction fans were on

The Tip Floor abstraction fans were on at 30 Hz

Jerome 631-x used for hydrogen sulfide measurements, last calibrate 1/27/2023

Tendine 03:24 used to injuring in suince measurements, last calibrated 1/27/2023

Temptop M2000 AQ Meter for PM2.5, PM10, and CO2 used for PM measurements, last calibrated N/A





381 NORTH BLOSSER ROAD PO BOX 5787 2ANTA MARIA, CA 93458 - 5787 (805) 925-4633 FAX (808) 928-2150

MSB Investors, LLC 17 Corporate Plaza, Suite 200 Newport Beach, CA 92660

GARY W. MADJEDI, ARCHITECT



- FOUNDATIONS
- CONCRETE BUILDING WALLS
- METAL BUILDING AND SIDING PERMIT NO: 19REV-00345

REVIEW 8/6/19 150201

EXITING PLANS



April 10, 2023

Aimee Long Air Quality Specialist Santa Barbara County Air Pollution Control District 260 N. San Antonio Road, Suite A Santa Barbara, CA 93110

Permit: ATC 14500 05 H.B. Case No. 2021-12-M1

RE: MSB Investors, LLC

ReSource Center (formerly Tajiguas Resource Recovery Project) Variance Update Due to Alisal Fire Impact

Aimee:

In response to the Variance granted by the Hearing Board on December 7, 2022 in connection with H.B. Case No. 2021-12-M1 we offer the following request:

Our air quality consultant, AECOM, worked closely with the District engineers over the past 14 months in responding to their requests for additional AQ/HRA analysis related to the MRF biofilter facilities. This was submitted to District engineering on July 1st and has been the source of continuous discussions with the district staff since then.

Our general contractor, Diani Building Corp., Santa Maria, CA, has completed a detailed estimate for the repairs and replacement of the baghouse filters adjacent to the damaged MRF biofilter facilities. The estimated dates for completion of the repair and replacement of the baghouse filters is now September-October 2023, based on Diani's estimated 16 week construction schedule estimated to commence as of July 2023 following completion of a CEQA analysis of the repair and replacement project and Board of Supervisors (BOS) approval of such anticipated for June or July 2023. Our goal of course is to have the damaged equipment repaired and replaced with emission control systems approved by the District's engineering staff on or prior to the expiration of this Variance.

As stated in our petition for the Variance, we took preventative measures once the scrubbers became non-operational such as additional building ventilation and indoor air monitoring on a weekly basis. The indoor air monitoring continues to observe indoor air measurements of H2S and NH3 of approximately 2-5% of the MRF biofilter emission limits. The indoor air levels of H2S and NH3 were and continue to be extremely low due to the speed at which organic waste is processed through the building to loadout trucks for transfer to the ADF for further processing in-vessel.

Attached please find a schedule, Appendix A – MRF Indoor Air Sampling, showing the indoor air measurements of H2S, NH3, PM 2.5 and PM 10 taken at 13 locations inside the MRF building depicted on Appendix B – MRF Building Plan over the period from December 2022 through March 31, 2023 (i.e., a 4-month lookback).

Please let me know if you have any questions on the above or the attached.

Sincerely,

John Dewey

MSB Investors, LLC

Facility Emissions During Operations Without Oper	H2S (ppmv) 0.005 0.004	(3/24/23 (3 H2S (ppmv) (0.005 0.007 0.006 0.004 0.002 0.005 0.006 0.002 0.005 0.005 0.000 0.	H2S (ppmv) 0.007 0.006 0.003 0.001 0.005 0.003 0.006	12/2/22 - 3/31/23 H2S (ppmv) 0.008 0.009 0.007
NSW Point Location Description H2S	H2S (ppmv) 0.005 0.004 0.003 0.002 0.004 0.005 0.004 0.004 0.004 0.004	H2S (ppmv) (0.005 0.007 0.006 0.004 0.002 0.005 0.006 0.004 0.002 0.005 0.006 0.003	H2S (ppmv) 0.007 0.006 0.003 0.001 0.005 0.003	0.008 0.009
New Point Location Description (ppmv)	(ppmv) 0.005 0.004 0.003 0.002 0.004 0.005 0.004 0.004 0.004 0.004	(ppmv) (0.005 0.007 0.006 0.004 0.002 0.005 0.006 0.003	0.007 0.006 0.003 0.001 0.005 0.003	0.008
1 East Corner of Tip Floor Rollup Door	0.005 0.004 0.003 0.002 0.004 0.005 0.004 0.004 0.004 0.004	0.005 0.007 0.006 0.004 0.002 0.005 0.006 0.003	0.007 0.006 0.003 0.001 0.005 0.003	0.009
1 2 Near Residual Pile on Tip Floor	0.004 0.003 0.002 0.004 0.005 0.004 0.004 0.004 0.004	0.007 0.006 0.004 0.002 0.005 0.006 0.003	0.006 0.003 0.001 0.005 0.003	0.009
2 4 Between C1450 and C520	0.002 0.004 0.005 0.004 0.004 0.004 0.004 0.004	0.004 0.002 0.005 0.006 0.003	0.001 0.005 0.003	0.007
5 Near C740 0.004 0.002 0.004 0.005 0.004 0.006 0.004 0.006 0.004 0.001 0.002 0.004 0.002 0.002 0.005 0.006 1 6 Near MRF Floor Sump 0.006 0.005 0.005 0.005 0.005 0.006 0.004 0.009 0.003 0.003 0.003 0.003 0.003 0.003 0.009 0.006 0.006 2 Between C900 and Eyewash, in Front of Control Room 0.006 0.005 0.005 0.006 0.	0.004 0.005 0.004 0.004 0.004 0.004 0.004	0.002 0.005 0.006 0.003	0.005	
1 6 Near MRF Floor Sump	0.005 0.004 0.004 0.004 0.004 0.004	0.005 0.006 0.003	0.003	0.005
2 7 Between CS00 and Eyewash, In Front of Control Room	0.004 0.004 0.004 0.004 0.004	0.006 0.003		0.005
2 8 Between D930 and C980	0.004 0.004 0.004 0.004	0.003		0.005
2 10 Between D180 and D120	0.004 0.004	0.002	0.004	0.005
2 11 Between M140 and D101	0.004		0.004	0.005
2 12 Between Trommels 0.004 0.006 0.006 0.007 0.005 0.006 0.009 0.006 0.007 0.005 0.007 0.005 0.007 0.028 0.007 0.004 0.004 0.004 0.004 0.004 0.004 0.004 0.004 0.004 0.004 0.004 0.004 0.004 0.005 0.006 0.004 0.004 0.004 0.004 0.005 0.005 0.006 0.004 0.004 0.004 0.004 0.005 0.005 0.011 0.006 0.004 0.004 0.004 0.004 0.004 0.004 0.004 0.005 0.			0.005	0.005
2 13 Between AWS 550s 0.003 0.005 0.006 0.009 0.004 0.004 0.007 0.004 0.004 0.004 0.003 0.005 0.011 0.006 0.004 0.004 0.007 0.004 0.008 0.004 0.008 0.			0.004	0.005 0.008
NH3	0.003		0.007	0.006
NH3				0.006
	NH3	NH3	NH3	NH3
Point Location Description (ppmv)			(ppmv)	(ppmv)
1 1 East Corner of Tip Floor Rollup Door 0.0 0.5 0.0 0.0 0.0 0.0 0.0 0.0 0.5 0.0 0.5 0.0 0.0	0.0	0.0	0.0	0.083 0.233
1 3 Corridor Between MRF and Tip Floor (air moving from MRF to Tip Floor) 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.5 0.5 0.5	0.0	0.0	0.0	0.233
2 4 Between C1450 and C520 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	0.0	0.0	0.0	0.050
2 5 Near C740 0.0 0.0 0.0 0.5 0.5 0.5 0.0 1.0 0.5 0.5 0.0 0.0 0.0 0.5 0.5	0.0	0.0	0.0	0.133
1 6 Near MRF Floor Sump 0.0 0.0 0.0 0.0 0.5 0.0 0.0 0.5 0.5 0.5	0.0	0.0	0.0	0.183
2 7 Between CS00 and Eyewash, In Front of Control Room 0.0 0.0 0.0 0.5 0.0 0.0 0.5 0.5 1.5 1.0 0.0 0.5 0.5 0.5 0.5 0.0 0.0	0.0	0.0	0.0	0.200
2 8 Between D930 and C980 0.0 0.0 0.0 0.0 0.5 1.0 0.0 0.5 1.0 1.0 0.0 0.0 0.5 0.5 0.0 2 9 Between D290 and D430 0.0 0.0 0.0 0.0 0.0 0.0 0.5 0.5 0.5 0.	0.0	0.0	0.0	0.167 0.283
2 10 Between D180 and D120	0.0	0.0	0.0	0.367
11 Between M140 and D101 0.0 1.0 0.5 1.0 0.5 0.5 0.5 1.0 1.0 1.0 1.0 0.0 0.0 1.0 0.5	0.0	0.0	0.0	0.433
2 12 Between Trommels 0.0 0.5 0.0 0.5 0.0 0.5 1.0 0.5 1.5 0.5 0.0 0.5 1.0 0.5 1.0 0.0 0.5 0.0 0.5 1.0 0.0 0.5 0.0 0.5 1.0 0.0 0.5 1.0 0.0 0.5 1.0 0.0 0.5 1.0 0.0 0.5 1.0 0.0 0.5 1.0 0.0 0.5 1.0 0.0 0.5 0.0 0.0	0.0	0.0	0.0	0.450
2 13 Between AWS 550s 0.0 1.0 0.5 1.0 0.5 0.0 0.5 0.5 1.5 1.5 1.5 0.5 0.0 1.0 0.0	0.5	0.0	0.5	0.550
PM2.5	PM2.5	PM2.5	PM2.5	0.247 PM2.5
MSW Point Location Description (ug/m3)		-	(ug/m3)	(ug/m3)
1 1 East Corner of Tip Floor Rollup Door 19.2 16.0 39.2 13.0 20.9 27.9 20.6 28.5 18.9 27.5 22.5 17.3 25.2 27.7 23.0	18.9	10.8	19.9	27.2
1 2 Near Residual Pile on Tip Floor 13.8 11.3 30.2 13.3 17.7 22.2 22.6 21.5 22.2 28.4 25.8 43.3 11.8 31.9 38.4	13.3	9.4	38.1	29.0
3 Corridor Between MRF and Tip Floor (air moving from MRF to Tip Floor) 5.9 7.7 32.9 11.8 12.5 12.0 20.5 17.5 19.9 15.8 13.5 32.1 14.1 23.3 27.1	12.0	9.0	7.3	18.4
2 4 Between C1450 and C520 6.5 8.2 19.7 13.9 17.1 14.0 18.2 16.3 17.6 20.9 18.1 25.9 13.7 17.8 33.2 2 5 Near C740 15.6 11.6 27.3 12.9 21.9 38.5 45.3 29.4 14.8 13.8 20.3 18.4 12.2 40 33.9	13.5 10.4	11.3 8.9	12.2 22.2	18.1 24.9
15.0 Incorption 15.5 7.1 7.6 21.4 8.7 23.0 11.5 17.6 12.1 20.4 20.4 38.4 19.5 22.7	13.6	6.3	6.7	16.8
2 7 Between C500 and Eyewash, In Front of Control Room 10.5 7.6 29.6 12.2 22.5 13.2 21.3 18.8 22.4 19.8 18.9 34.4 24.8 23 67.1	10.5	8.6	16.6	24.1
2 8 Between D930 and C980 13.7 5.7 27.9 14.2 20.6 36.1 32.3 23.9 20.8 23.3 21.4 20.5 24.7 33.4 42.4	15.7	9.7	19.9	25.4
2 9 Between D290 and D430 20.5 16.5 27.6 23.5 30.5 37.1 41.1 42.3 27.8 27.4 19.9 21.7 16.7 42.6 51.9	10.2	13.1	16.7	30.7
2 10 Between D180 and D120 23.1 12.4 28.6 23.6 26.2 25.2 36.0 29.9 18.2 16.6 32.9 18.7 34.5 51.5 22.6 2 11 Between M140 and D101 18.6 24.6 29.2 22.9 23.3 18.9 32.6 30.8 31.8 16.9 43.5 17.2 9.3 43.5 65.5	11.6 12.7	8.8 10.4	17.7 22.8	40.7 32.7
2 12 Between frommels 24.1 14.4 27.2 17.9 27.2 29.7 38.1 21.3 31.4 30.7 23.3 32.5 17.1 39.1 77.8	12.3	7.3	21.3	34.3
2 13 Between AWS 550s 25.0 22.4 27.5 25.8 26.5 22.8 34.6 25.6 37.9 34.2 44.6 32.5 26.3 38.2 19.9	12.5	9.3	32.7	34.7
				27.4
MSW PM10 PM10 PM10 PM10 PM10 PM10 PM10 PM10	PM10		PM10	PM10
Point Location Description (ug/m3) (ug) (ug/m3) 27.4	(ug/m3) (16.0	(ug/m3) 30.7	(ug/m3) 41.3
1 2 Near Residual Pile on Tip Floor 22.4 18.3 46.4 19.6 26.9 33.8 34.5 31.7 33.7 44.1 44.0 71.8 18.9 47.9 62.7	19.7	13.8	61.4	46.3
1 3 Corridor Between MRF and Tip Floor (air moving from MRF to Tip Floor) 7.9 10.6 52.9 16.8 18.4 18.5 30.4 26.6 29.6 25.0 23.0 53.4 37.8 46.1 45.1	17.9	13.1	9.6	29.5
2 4 Between C1450 and C520 8.8 12.0 29.9 20.6 24.0 21.2 28.4 25.5 26.7 32.1 29.8 41.8 18.1 26.6 52.1	19.2	17.8	19.5	27.6
2 5 Near C740 24.3 16.2 45.5 19.5 32.1 63.6 75.2 47.4 23.7 21.3 30.4 26.7 21.3 66.7 51.8	15.0	13.9	37.4	40.5
1 6 Near MRF Floor Sump 5.1 8.0 11.9 10.1 30.6 12.7 35.4 15.4 27.2 18.0 31.6 32.7 18.9 28.8 34.4 2 7 Between C500 and Eyewash, In Front of Control Room 15.5 11.3 47.9 18.6 33.6 19.3 33.3 29.5 35.5 32.0 31.7 56.5 18.2 36.1 108.1	20.1 15.4	9.4 13.3	8.6 26.2	24.4 37.3
4 / Between Soul and Eyewash, in Front of Control Room 15.5 11.3 47.9 18.6 33.5 19.3 33.3 27.5 35.5 32.0 31.7 56.5 18.2 36.1 108.1 2 8 Between P300 and C980 2 2 3 17.7 58.6 51.6 37.7 32.6 36.6 35.4 31.6 62.7 53.8 65.8 65.8	25.6	15.3	33.6	40.8
2 9 Between D290 and D430 33.6 25.2 43.6 37.3 48.5 58.8 68.2 68.2 45.6 44.2 32.4 35.7 26.5 67.9 65.0	15.2	21.8	26.8	48.4
2 10 Between D180 and D120 35.9 20.4 46.1 38.7 43.4 40.6 61.5 51.6 30.3 27.2 55.8 30.0 52.4 84.8 39.0	17.7	15.1	28.8	50.1
2 11 Between M140 and D101 29.9 41.2 46.3 37.5 38.2 31.8 54.6 47.2 48.4 25.7 72.3 27.3 38.7 70.2 101.5	19.4	16.2	35.6	52.9
2 12 Between Trommels 38.4 22.0 41.7 29.4 43.7 49.4 68.2 35.1 50.2 50.5 38.9 53.4 34.6 62.8 127.7 2 13 Between AWS 550s 39.1 39.9 45.6 39.7 40.3 36.3 55.9 45.4 62.2 56.8 77.4 54.2 48.1 57.9 69.5	18.1 18.9	10.8 14.1	34.5 49.5	56.1 55.8
	10.7	14.1	+3.3	42.4

The facility was running MSW & SSR

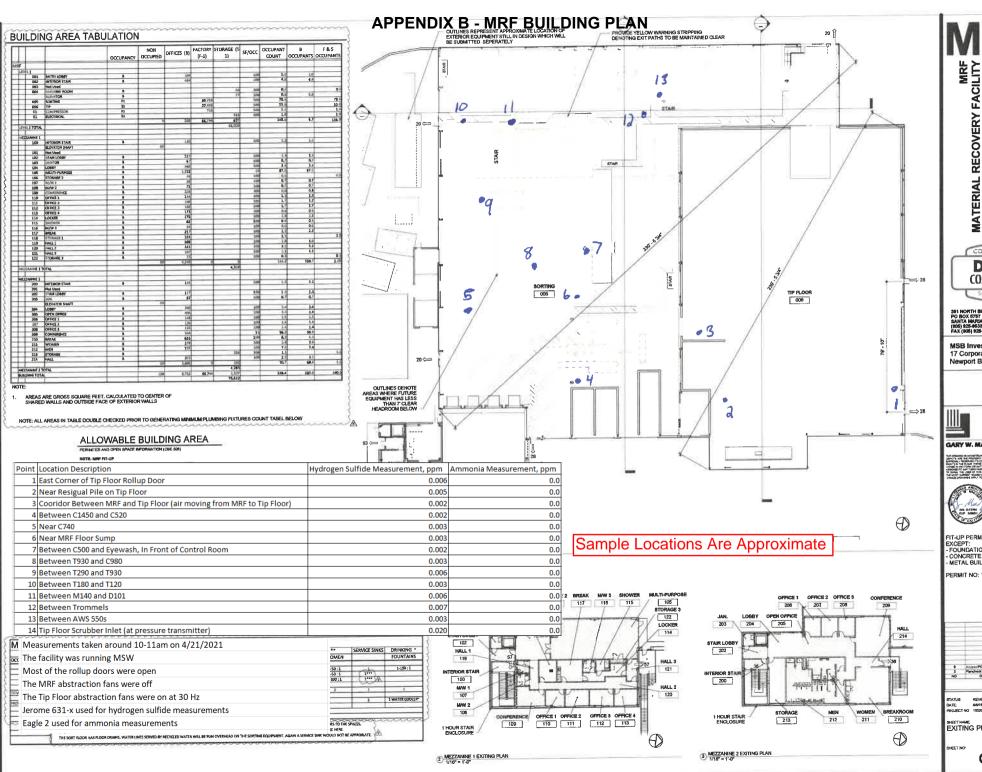
All of the rollup doors were open

The MRF abstraction fans were on

The Tip Floor abstraction fans were on at 30 Hz

Jerome 631-x used for hydrogen sulfide measurements, last calibrate 2/28/2023

Temptop M2000 AQ Meter for PM2.5, PM10, and CO2 used for PM measurements, last calibrated N/A





381 NORTH BLOSSER ROAD PO BOX 5787 2ANTA MARIA, CA 93458 - 5787 (805) 925-4633 FAX (808) 928-2150

MSB Investors, LLC 17 Corporate Plaza, Suite 200 Newport Beach, CA 92660

GARY W. MADJEDI, ARCHITECT



- FOUNDATIONS
- CONCRETE BUILDING WALLS
- METAL BUILDING AND SIDING PERMIT NO: 19REV-00345

REVIEW 8/6/19 150201

EXITING PLANS



May 10, 2023

Aimee Long Air Quality Specialist Santa Barbara County Air Pollution Control District 260 N. San Antonio Road, Suite A Santa Barbara, CA 93110

Permit: ATC 14500 05 H.B. Case No. 2021-12-M1

RE: MSB Investors, LLC

ReSource Center (formerly Tajiguas Resource Recovery Project) Variance Update Due to Alisal Fire Impact

Aimee:

In response to the Variance granted by the Hearing Board on December 7, 2022 in connection with H.B. Case No. 2021-12-M1 we offer the following request:

Our air quality consultant, AECOM, worked closely with the District engineers over the past 14 months in responding to their requests for additional AQ/HRA analysis related to the MRF biofilter facilities. This was submitted to District engineering on July 1st and has been the source of continuous discussions with the district staff since then.

Our general contractor, Diani Building Corp., Santa Maria, CA, has completed a detailed estimate for the repairs and replacement of the baghouse filters adjacent to the damaged MRF biofilter facilities. The estimated dates for completion of the repair and replacement of the baghouse filters is now September-October 2023, based on Diani's estimated 16 week construction schedule estimated to commence as of July 2023 following completion of a CEQA analysis of the repair and replacement project and Board of Supervisors (BOS) approval of such anticipated for June or July 2023. Our goal of course is to have the damaged equipment repaired and replaced with emission control systems approved by the District's engineering staff on or prior to the expiration of this Variance.

As stated in our petition for the Variance, we took preventative measures once the scrubbers became non-operational such as additional building ventilation and indoor air monitoring on a weekly basis. The indoor air monitoring continues to observe indoor air measurements of H2S and NH3 of approximately 2-5% of the MRF biofilter emission limits. The indoor air levels of H2S and NH3 were and continue to be extremely low due to the speed at which organic waste is processed through the building to loadout trucks for transfer to the ADF for further processing in-vessel.

Attached please find a schedule, Appendix A – MRF Indoor Air Sampling, showing the indoor air measurements of H2S, NH3, PM 2.5 and PM 10 taken at 13 locations inside the MRF building depicted on Appendix B – MRF Building Plan over the period from December 2022 through April 30, 2023 (i.e., a 5-month lookback).

Please let me know if you have any questions on the above or the attached.

Sincerely,

John Dewey

MSB Investors, LLC

F	acility	Emissions During Operations Without Operational Biofilters and Baghouses																							
Í	,		Friday	Friday	Friday	Friday	Friday	Friday	Friday	Friday	Friday	Friday	Friday	Friday	Friday	Friday	Friday	Friday	Friday	Friday	Friday	Thurs	Thurs	Thurs	12/2/22 -
			(12/2/22)	(12/9/22)	(12/16/22)	(12/23/22)	(12/30/22)	(1/6/23)	(1/13/23	(1/20/23	(1/27/23	(2/3/23)	(2/10/23	(2/17/23	(2/28/23	(3/3/23)	(3/10/23	(3/17/23	(3/24/23	(3/31/23	(4/7/23)	(4/13/23)	(4/20/23)	(4/27/23)	4/27/23
MSM	Point	Location Description	H2S	H2S	H2S	H2S	H2S	H2S	H2S	H2S	H2S	H2S	H2S	H2S	H2S	H2S	H2S	H2S	H2S	H2S	H2S	H2S	H2S	H2S	H2S (ppm)
101500	Ollic	Education description	(ppmv)	(ppmv)	(ppmv)	(ppmv)	(ppmv)	(ppmv)	(ppmv)	(ppmv)	(ppmv)	(ppmv)	(ppmv)	(ppmv)	(ppmv)	(ppmv)	(ppmv)	(ppmv)	(ppmv)	(ppmv)	(ppmv)	(ppmv)	(ppmv)	(ppmv)	
1		East Corner of Tip Floor Rollup Door	0.009	0.006	0.009	0.003	0.006	0.013	0.004	0.022	0.003	0.007	0.003	0.001	0.003	0.002	0.002	0.005	0.005	0.007	0.004	0.003	0.008	0.001	0.007
1		Near Residual Pile on Tip Floor	0.018	0.006	0.007	0.007	0.006	0.012	0.012	0.014	0.007	0.007	0.009	0.007	0.004	0.008	0.009	0.004	0.007	0.006	0.008	0.006	0.009	0.005	0.009
1		Corridor Between MRF and Tip Floor (air moving from MRF to Tip Floor)	0.006	0.006	0.006	0.009	0.004	0.010	0.014	0.006	0.007	0.007	0.009	0.009	0.009	0.008	0.003	0.003	0.006	0.003	0.004	0.002	0.002	0.001	0.006
2		Between C1450 and C520	0.004	0.003	0.008	0.006	0.002	0.003	0.004	0.004	0.006	0.007	0.005	0.005	0.012	0.006	0.004	0.002	0.004	0.001	0.002	0.001	0.003	0.001	0.004
2		Near C740	0.004	0.002	0.004	0.005	0.004	0.004	0.006	0.004	0.001	0.002	0.004	0.002	0.002	0.005	0.006	0.004	0.002	0.005	0.003	0.002	0.004	0.003	0.004
1		Near MRF Floor Sump	0.003	0.004	0.004	0.005	0.003	0.004	0.009	0.003	0.003	0.005	0.003	0.003	0.009	0.006	0.004	0.005	0.005	0.003	0.003	0.003	0.003	0.003	0.005
2		Between C500 and Eyewash, In Front of Control Room	0.006	0.005	0.005	0.006	0.004	0.006	0.009	0.006	0.006	0.006	0.006	0.006	0.004	0.007	0.005	0.004	0.006	0.006	0.005	0.003	0.003	0.004	0.006
2		Between D930 and C980 Between D290 and D430	0.004	0.004	0.005	0.005	0.004	0.006	0.007	0.006	0.006	0.006	0.006	0.006	0.003	0.006	0.004	0.004	0.003	0.004	0.004	0.002	0.003	0.003	0.005
2		Between D180 and D120	0.004	0.004	0.004	0.005	0.004	0.004	0.006	0.003	0.003	0.005	0.004	0.004	0.004	0.007	0.003	0.004	0.003	0.004	0.004	0.002	0.003	0.003	0.005
ź		Between M140 and D101	0.004	0.005	0.003	0.006	0.004	0.006	0.006	0.004	0.008	0.008	0.004	0.009	0.009	0.007	0.003	0.004	0.003	0.003	0.004	0.003	0.003	0.004	0.003
2		Between Trommels	0.003	0.005	0.004	0.007	0.004			0.002	0.003		0.004	0.003	0.011	0.003	0.003	0.004	0.005	0.004	0.003	0.003	0.003	0.003	0.004
2		Between AWS 550s	0.004	0.005	0.006	0.007	0.003	0.006	0.009	0.004	0.004	0.007	0.003	0.007	0.028	0.007	0.004	0.003	0.003	0.007	0.004	0.003	0.004	0.003	0.005
² L	13	DELWEEN AWS 3303	0.003	0.003	0.000	0.003	0.004	0.004	0.007	0.004	0.004	0.004	0.003	0.003	0.011	0.000	0.004	0.004	0.003	0.007	0.003	0.003	0.002	0.003	0.003
Г			NH3	NH3	NH3	NH3	NH3	NH3	NH3	NH3	NH3	NH3	NH3	NH3	NH3	NH3	NH3	NH3	NH3	NH3	NH3	NH3	NH3	NH3	NH3
MSW	Point	Location Description	(vmqq)	(ppmv)	(vmag)	(ppmv)	(vmaa)	(ppmv)	(ppmv)	(ppmv)	(ppmv)	(ppmv)	(ppmv)	(ppmv)	(ppmv)	(ppmv)	(ppmv)	(ppmv)	(ppmv)	(ppmv)	(vmaa)	(vmqq)	(ppmv)	(vmqa)	(ppmv)
1		East Corner of Tip Floor Rollup Door	0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.5	0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	1.0	0.0	0.118
1		Near Residual Pile on Tip Floor	0.0	0.5	0.0	0.5	0.0	0.0	0.5	0.5	0.5	1.0	0.0	0.5	0.0	0.5	0.0	0.0	0.0	0.0	1.0	1.0	1.0	0.5	0.309
1		Corridor Between MRF and Tip Floor (air moving from MRF to Tip Floor)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.5	0.5	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.074
2		Between C1450 and C520	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.5	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.059
2		Near C740	0.0	0.0	0.0	0.5	0.5	0.5	0.0	1.0	0.5	0.5	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.5	1.0	0.0	0.5	0.176
1		Near MRF Floor Sump	0.0	0.0	0.0	0.5	0.0	0.0	0.5	0.5	1.0	0.0	0.5	0.5	0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.162
2	7	Between C500 and Eyewash, In Front of Control Room	0.0	0.0	0.0	0.5	0.0	0.0	0.5	0.5	1.5	1.0	0.0	0.5	0.5	0.5	0.0	0.0	0.0	0.0	0.0	0.5	0.5	0.0	0.206
2		Between D930 and C980	0.0	0.0	0.0	0.5	1.0	0.0	0.0	0.5	1.0	1.0	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.5	1.0	0.0	0.5	0.206
2	9	Between D290 and D430	0.0	0.0	0.0	1.0	0.5	0.5	0.5	1.0	1.0	1.0	0.0	0.0	0.5	0.5	0.0	0.0	0.0	0.0	0.0	1.0	0.5	0.5	0.309
2	10	Between D180 and D120	0.0	0.0	0.0	1.0	0.5	1.0	0.5	1.0	1.0	1.5	1.0	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.0	1.0	0.0	0.5	0.368
2	11	Between M140 and D101	0.0	1.0	0.5	1.0	0.5	0.5	0.5	1.0	1.0	1.0	1.0	0.0	0.0	1.0	0.5	0.0	0.0	0.0	0.5	1.5	0.5	0.5	0.471
2	12	Between Trommels	0.0	0.5	0.0	0.5	0.0	0.5	1.0	0.5	1.5	1.5	0.5	0.0	0.5	1.0	0.0	0.0	0.0	0.0	1.0	1.5	1.0	1.0	0.529
2	13	Between AWS 550s	0.0	1.0	0.5	1.0	0.5	0.0	0.5	0.5	1.5	1.5	1.5	0.5	0.0	1.0	0.0	0.5	0.0	0.5	0.5	1.5	1.0	0.5	0.588
_																									0.275
MSW			PM2.5	PM2.5	PM2.5	PM2.5	PM2.5	PM2.5	PM2.5	PM2.5	PM2.5	PM2.5	PM2.5	PM2.5	PM2.5	PM2.5	PM2.5	PM2.5	PM2.5	PM2.5	PM2.5	PM2.5	PM2.5	PM2.5	PM2.5
		Location Description	(ug/m3)	(ug/m3)	(ug/m3)	(ug/m3)	(ug/m3)	(ug/m3)	(ug/m3)	(ug/m3)	(ug/m3)	(ug/m3)	(ug/m3)	(ug/m3)	(ug/m3)	(ug/m3)	(ug/m3)	(ug/m3)	(ug/m3)	(ug/m3)	(ug/m3)	(ug/m3)	(ug/m3)	(ug/m3)	(ug/m3)
1		East Corner of Tip Floor Rollup Door	19.2	16.0	39.2	13.0	20.9	27.9	20.6	28.5	18.9	27.5	22.5	17.3	25.2	27.7	23.0	18.9	10.8	19.9	26.9	18.2	26.3	16.8	26.6
1		Near Residual Pile on Tip Floor	13.8	11.3	30.2	13.3	17.7	22.2	22.6	21.5	22.2	28.4	25.8	43.3	11.8	31.9	38.4	13.3	9.4	38.1	48.2	44.4	27.0	12.5	29.4
1		Corridor Between MRF and Tip Floor (air moving from MRF to Tip Floor)	5.9	7.7	32.9	11.8	12.5	12.0	20.5	17.5	19.9	15.8	13.5	32.1	14.1	23.3	27.1	12.0	9.0	7.3	14.6	19.5	16.0	10.0	18.0
2		Between C1450 and C520	6.5	8.2	19.7	13.9	17.1	14.0	18.2	16.3	17.6	20.9	18.1	25.9	13.7	17.8	33.2	13.5	11.3	12.2	12.7	46.8	19.1	18.1	18.8
2		Near C740	15.6 4.3	11.6	27.3	12.9	21.9	38.5 8.7	45.3	29.4	14.8	13.8	20.3	18.4	12.2	40	33.9	10.4	8.9	22.2	19.4	32.3	24.4	22.2	24.8
1	-	Near MRF Floor Sump Between C500 and Eyewash, In Front of Control Room	10.5	5.5 7.6	7.1 29.6	7.6 12.2	21.4	13.2	23.0 21.3	11.5 18.8	17.6 22.4	12.1 19.8	20.4 18.9	20.4 34.4	38.4 24.8	19.5 23	22.7 67.1	13.6 10.5	6.3 8.6	6.7 16.6	14.5 17.0	17.1 23.1	17.7 21.9	11.3 14.9	16.6 23.5
2	•	Between D930 and C980	13.7	5.7	27.9	14.2	20.6	36.1	32.3	23.9	20.8	23.3	21.4	20.5		33.4	42.4	15.7					24.1	21.8	25.3
2			13.7																						
			20.5	16.5			30.5	37.1	41.1	12.3					24.7				9.7	19.9	18.7	35.6		28.3	
2		Between D290 and D430 Retween D180 and D120	20.5	16.5 12.4	27.6	23.5	30.5	37.1 25.2	41.1 36.0	42.3	27.8	27.4	19.9	21.7	16.7	42.6	51.9	10.2	13.1	16.7	24.7	32.5	22.5	28.3	30.2 39.6
2		Between D180 and D120	23.1	12.4	27.6 28.6	23.5 23.6	26.2	25.2	36.0	29.9	27.8 18.2	27.4 16.6	19.9 32.9	21.7 18.7	16.7 34.5	42.6 51.5	51.9 22.6	10.2 11.6	13.1 8.8	16.7 17.7	24.7 31.5	32.5 39.6	22.5 24.5	30.2	39.6
2 2	11	Between D180 and D120 Between M140 and D101	23.1 18.6	12.4 24.6	27.6 28.6 29.2	23.5 23.6 22.9	26.2 23.3	25.2 18.9	36.0 32.6	29.9 30.8	27.8 18.2 31.8	27.4 16.6 16.9	19.9 32.9 43.5	21.7 18.7 17.2	16.7 34.5 9.3	42.6 51.5 43.5	51.9 22.6 65.5	10.2 11.6 12.7	13.1 8.8 10.4	16.7 17.7 22.8	24.7 31.5 16.4	32.5 39.6 43.8	22.5 24.5 29.5	30.2 30.8	39.6 32.4
2 2 2 2	11 12	Between D180 and D120	23.1	12.4	27.6 28.6	23.5 23.6	26.2	25.2	36.0	29.9	27.8 18.2	27.4 16.6	19.9 32.9	21.7 18.7	16.7 34.5	42.6 51.5	51.9 22.6	10.2 11.6	13.1 8.8	16.7 17.7	24.7 31.5	32.5 39.6	22.5 24.5	30.2	39.6
2 2 2 2	11 12	Between D180 and D120 Between M140 and D101 Between Trommels	23.1 18.6 24.1	12.4 24.6 14.4	27.6 28.6 29.2 27.2	23.5 23.6 22.9 17.9	26.2 23.3 27.2	25.2 18.9 29.7	36.0 32.6 38.1	29.9 30.8 21.3	27.8 18.2 31.8 31.4	27.4 16.6 16.9 30.7	19.9 32.9 43.5 23.3	21.7 18.7 17.2 32.5	16.7 34.5 9.3 17.1	42.6 51.5 43.5 39.1	51.9 22.6 65.5 77.8	10.2 11.6 12.7 12.3	13.1 8.8 10.4 7.3	16.7 17.7 22.8 21.3	24.7 31.5 16.4 48.6	32.5 39.6 43.8 36.2	22.5 24.5 29.5 39.3	30.2 30.8 29.8	39.6 32.4 34.8
2 2 2 2	11 12	Between D180 and D120 Between M140 and D101 Between Trommels	23.1 18.6 24.1	12.4 24.6 14.4	27.6 28.6 29.2 27.2	23.5 23.6 22.9 17.9	26.2 23.3 27.2	25.2 18.9 29.7	36.0 32.6 38.1	29.9 30.8 21.3	27.8 18.2 31.8 31.4	27.4 16.6 16.9 30.7	19.9 32.9 43.5 23.3	21.7 18.7 17.2 32.5	16.7 34.5 9.3 17.1	42.6 51.5 43.5 39.1	51.9 22.6 65.5 77.8	10.2 11.6 12.7 12.3	13.1 8.8 10.4 7.3	16.7 17.7 22.8 21.3	24.7 31.5 16.4 48.6	32.5 39.6 43.8 36.2	22.5 24.5 29.5 39.3	30.2 30.8 29.8	39.6 32.4 34.8 37.7
2 2 2 2 2	11 12 13	Between D180 and D120 Between M140 and D101 Between Trommels	23.1 18.6 24.1 25.0	12.4 24.6 14.4 22.4	27.6 28.6 29.2 27.2 27.5	23.5 23.6 22.9 17.9 25.8	26.2 23.3 27.2 26.5	25.2 18.9 29.7 22.8	36.0 32.6 38.1 34.6	29.9 30.8 21.3 25.6	27.8 18.2 31.8 31.4 37.9	27.4 16.6 16.9 30.7 34.2	19.9 32.9 43.5 23.3 44.6	21.7 18.7 17.2 32.5 32.5	16.7 34.5 9.3 17.1 26.3	42.6 51.5 43.5 39.1 38.2	51.9 22.6 65.5 77.8 19.9	10.2 11.6 12.7 12.3 12.5	13.1 8.8 10.4 7.3 9.3	16.7 17.7 22.8 21.3 32.7	24.7 31.5 16.4 48.6 50.2	32.5 39.6 43.8 36.2 44.2	22.5 24.5 29.5 39.3 34.0	30.2 30.8 29.8 28.9	39.6 32.4 34.8 37.7 27.5
2 2 2 2 2 1	11 12 13 Point	Between D180 and D120 Between M140 and D101 Between Tommels Between AWS 550s	23.1 18.6 24.1 25.0 PM10	12.4 24.6 14.4 22.4 PM10	27.6 28.6 29.2 27.2 27.5 PM10	23.5 23.6 22.9 17.9 25.8	26.2 23.3 27.2 26.5	25.2 18.9 29.7 22.8 PM10	36.0 32.6 38.1 34.6 PM10	29.9 30.8 21.3 25.6 PM10	27.8 18.2 31.8 31.4 37.9	27.4 16.6 16.9 30.7 34.2 PM10	19.9 32.9 43.5 23.3 44.6	21.7 18.7 17.2 32.5 32.5 PM10	16.7 34.5 9.3 17.1 26.3	42.6 51.5 43.5 39.1 38.2	51.9 22.6 65.5 77.8 19.9	10.2 11.6 12.7 12.3 12.5	13.1 8.8 10.4 7.3 9.3	16.7 17.7 22.8 21.3 32.7 PM10	24.7 31.5 16.4 48.6 50.2 PM10	32.5 39.6 43.8 36.2 44.2	22.5 24.5 29.5 39.3 34.0	30.2 30.8 29.8 28.9 PM10	39.6 32.4 34.8 37.7 27.5 PM10
2 2 2 2 2 1	11 12 13 Point	Between D180 and D120 Between M140 and D101 Between Trommels Between AWS 550s Location Description	23.1 18.6 24.1 25.0 PM10 (ug/m3)	12.4 24.6 14.4 22.4 PM10 (ug/m3) 25.2 18.3	27.6 28.6 29.2 27.2 27.5 PM10 (ug/m3)	23.5 23.6 22.9 17.9 25.8 PM10 (ug/m3)	26.2 23.3 27.2 26.5 PM10 (ug/m3)	25.2 18.9 29.7 22.8 PM10 (ug/m3)	36.0 32.6 38.1 34.6 PM10 (ug/m3)	29.9 30.8 21.3 25.6 PM10 (ug/m3)	27.8 18.2 31.8 31.4 37.9 PM10 (ug/m3)	27.4 16.6 16.9 30.7 34.2 PM10 (ug/m3)	19.9 32.9 43.5 23.3 44.6 PM10 (ug/m3)	21.7 18.7 17.2 32.5 32.5 PM10 (ug/m3)	16.7 34.5 9.3 17.1 26.3 PM10 (ug/m3)	42.6 51.5 43.5 39.1 38.2 PM10 (ug/m3)	51.9 22.6 65.5 77.8 19.9 PM10 (ug/m3)	10.2 11.6 12.7 12.3 12.5 PM10 (ug/m3)	13.1 8.8 10.4 7.3 9.3 PM10 (ug/m3)	16.7 17.7 22.8 21.3 32.7 PM10 (ug/m3)	24.7 31.5 16.4 48.6 50.2 PM10 (ug/m3)	32.5 39.6 43.8 36.2 44.2 PM10 (ug/m3)	22.5 24.5 29.5 39.3 34.0 PM10 (ug/m3) 41.4 42.4	30.2 30.8 29.8 28.9 PM10 (ug/m3)	39.6 32.4 34.8 37.7 27.5 PM10 (ug/m3)
2 2 2 2 2 1 1	11 12 13 Point 1 2 3	Between D180 and D120 Between M140 and D101 Between M740 and D101 Between AWS 550s Location Description East Corner of Tip Floor Rollup Door Near Residual Pile on Tip Floor Corridor Between MRF and Tip Floor (air moving from MRF to Tip Floor)	23.1 18.6 24.1 25.0 PM10 (ug/m3) 28.5 22.4 7.9	12.4 24.6 14.4 22.4 PM10 (ug/m3) 25.2 18.3 10.6	27.6 28.6 29.2 27.2 27.5 PM10 (ug/m3) 56.0 46.4 52.9	23.5 23.6 22.9 17.9 25.8 PM10 (ug/m3) 17.3 19.6 16.8	26.2 23.3 27.2 26.5 PM10 (ug/m3) 30.4 26.9 18.4	25.2 18.9 29.7 22.8 PM10 (ug/m3) 45.8 33.8 18.5	36.0 32.6 38.1 34.6 PM10 (ug/m3) 32.0 34.5 30.4	29.9 30.8 21.3 25.6 PM10 (ug/m3) 44.8 31.7 26.6	27.8 18.2 31.8 31.4 37.9 PM10 (ug/m3) 27.9 33.7 29.6	27.4 16.6 16.9 30.7 34.2 PM10 (ug/m3) 43.7 44.1 25.0	19.9 32.9 43.5 23.3 44.6 PM10 (ug/m3) 29.1 44.0 23.0	21.7 18.7 17.2 32.5 32.5 PM10 (ug/m3) 27.5 71.8 53.4	16.7 34.5 9.3 17.1 26.3 PM10 (ug/m3) 35.5 18.9 37.8	42.6 51.5 43.5 39.1 38.2 PM10 (ug/m3) 38.9 47.9 46.1	51.9 22.6 65.5 77.8 19.9 PM10 (ug/m3) 36.9 62.7 45.1	10.2 11.6 12.7 12.3 12.5 PM10 (ug/m3) 27.4 19.7 17.9	13.1 8.8 10.4 7.3 9.3 PM10 (ug/m3) 16.0 13.8 13.1	16.7 17.7 22.8 21.3 32.7 PM10 (ug/m3) 30.7 61.4 9.6	24.7 31.5 16.4 48.6 50.2 PM10 (ug/m3) 50.5 72.1 22.0	32.5 39.6 43.8 36.2 44.2 PM10 (ug/m3) 28.4 73.7 30.7	22.5 24.5 29.5 39.3 34.0 PM10 (ug/m3) 41.4 42.4 23.4	30.2 30.8 29.8 28.9 PM10 (ug/m3) 23.1 19.7 13.6	39.6 32.4 34.8 37.7 27.5 PM10 (ug/m3) 40.7 46.9 28.6
MSW 1 1 2	11 12 13 Point 1 2 3 4	Between D180 and D120 Between M140 and D101 Between M140 and D101 Between Tommels Between Tommels Between AWS 550s Location Description East Corner of Tip Floor Rollup Door Near Residual Pile on Tip Floor Corridor Between MRF and Tip Floor (air moving from MRF to Tip Floor) Between C1450 and C520	23.1 18.6 24.1 25.0 PM10 (ug/m3) 28.5 22.4 7.9 8.8	12.4 24.6 14.4 22.4 PM10 (ug/m3) 25.2 18.3 10.6 12.0	27.6 28.6 29.2 27.2 27.5 PM10 (ug/m3) 56.0 46.4 52.9 29.9	23.5 23.6 22.9 17.9 25.8 PM10 (ug/m3) 17.3 19.6 16.8 20.6	26.2 23.3 27.2 26.5 PM10 (ug/m3) 30.4 26.9 18.4 24.0	25.2 18.9 29.7 22.8 PM10 (ug/m3) 45.8 33.8 18.5 21.2	36.0 32.6 38.1 34.6 PM10 (ug/m3) 32.0 34.5 30.4 28.4	29.9 30.8 21.3 25.6 PM10 (ug/m3) 44.8 31.7 26.6 25.5	27.8 18.2 31.8 31.4 37.9 PM10 (ug/m3) 27.9 33.7 29.6 26.7	27.4 16.6 16.9 30.7 34.2 PM10 (ug/m3) 43.7 44.1 25.0 32.1	19.9 32.9 43.5 23.3 44.6 PM10 (ug/m3) 29.1 44.0 23.0 29.8	21.7 18.7 17.2 32.5 32.5 9M10 (ug/m3) 27.5 71.8 53.4 41.8	16.7 34.5 9.3 17.1 26.3 PM10 (ug/m3) 35.5 18.9 37.8 18.1	42.6 51.5 43.5 39.1 38.2 PM10 (ug/m3) 38.9 47.9 46.1 26.6	51.9 22.6 65.5 77.8 19.9 PM10 (ug/m3) 36.9 62.7 45.1 52.1	10.2 11.6 12.7 12.3 12.5 PM10 (ug/m3) 27.4 19.7 17.9	13.1 8.8 10.4 7.3 9.3 PM10 (ug/m3) 16.0 13.8 13.1 17.8	16.7 17.7 22.8 21.3 32.7 PM10 (ug/m3) 30.7 61.4 9.6 19.5	24.7 31.5 16.4 48.6 50.2 PM10 (ug/m3) 50.5 72.1 22.0 21.4	32.5 39.6 43.8 36.2 44.2 PM10 (ug/m3) 28.4 73.7 30.7 82.0	22.5 24.5 29.5 39.3 34.0 PM10 (ug/m3) 41.4 42.4 23.4 30.1	30.2 30.8 29.8 28.9 PM10 (ug/m3) 23.1 19.7 13.6 26.2	39.6 32.4 34.8 37.7 27.5 PM10 (ug/m3) 40.7 46.9 28.6 29.1
MSW 1 1 1 2 2 2	11 12 13 Point 1 2 3 4 5	Between D180 and D120 Between M140 and D101 Between M140 and D101 Between Tommels Between Tommels Between AWS 550s Location Description East Corner of Tip Floor Rollup Door Near Residual Pile on Tip Floor Corridor Between MRF and Tip Floor (air moving from MRF to Tip Floor) Between C1450 and C520 Near C740	23.1 18.6 24.1 25.0 PM10 (ug/m3) 28.5 22.4 7.9 8.8 24.3	PM10 (ug/m3) 25.2 18.3 10.6 12.0	27.6 28.6 29.2 27.2 27.5 PM10 (ug/m3) 56.0 46.4 52.9 29.9 45.5	23.5 23.6 22.9 17.9 25.8 PM10 (ug/m3) 17.3 19.6 16.8 20.6 19.5	26.2 23.3 27.2 26.5 PM10 (ug/m3) 30.4 26.9 18.4 24.0 32.1	25.2 18.9 29.7 22.8 PM10 (ug/m3) 45.8 33.8 18.5 21.2 63.6	36.0 32.6 38.1 34.6 PM10 (ug/m3) 32.0 34.5 30.4 28.4 75.2	29.9 30.8 21.3 25.6 PM10 (ug/m3) 44.8 31.7 26.6 25.5 47.4	27.8 18.2 31.8 31.4 37.9 PM10 (ug/m3) 27.9 33.7 29.6 26.7 23.7	27.4 16.6 16.9 30.7 34.2 PM10 (ug/m3) 43.7 44.1 25.0 32.1 21.3	19.9 32.9 43.5 23.3 44.6 PM10 (ug/m3) 29.1 44.0 23.0 29.8 30.4	21.7 18.7 17.2 32.5 32.5 9M10 (ug/m3) 27.5 71.8 53.4 41.8 26.7	16.7 34.5 9.3 17.1 26.3 PM10 (ug/m3) 35.5 18.9 37.8 18.1 21.3	42.6 51.5 43.5 39.1 38.2 PM10 (ug/m3) 38.9 47.9 46.1 26.6 66.7	51.9 22.6 65.5 77.8 19.9 PM10 (ug/m3) 36.9 62.7 45.1 52.1 51.8	10.2 11.6 12.7 12.3 12.5 PM10 (ug/m3) 27.4 19.7 17.9 19.2	13.1 8.8 10.4 7.3 9.3 PM10 (ug/m3) 16.0 13.8 13.1 17.8	16.7 17.7 22.8 21.3 32.7 PM10 (ug/m3) 30.7 61.4 9.6 19.5 37.4	24.7 31.5 16.4 48.6 50.2 PM10 (ug/m3) 50.5 72.1 22.0 21.4 27.9	32.5 39.6 43.8 36.2 44.2 PM10 (ug/m3) 28.4 73.7 30.7 82.0 48.8	22.5 24.5 29.5 39.3 34.0 PM10 (ug/m3) 41.4 42.4 23.4 30.1 37.4	30.2 30.8 29.8 28.9 PM10 (ug/m3) 23.1 19.7 13.6 26.2 34.1	39.6 32.4 34.8 37.7 27.5 PM10 (ug/m3) 40.7 46.9 28.6 29.1
MSW 1 1 1 2 2 1 1	11 12 13 Point 1 2 3 4 5 6	Between D180 and D120 Between M140 and D101 Between M140 and D101 Between Tommels Between Tommels Between AWS 550s Location Description East Corner of Tip Floor Rollup Door Near Residual Pile on Tip Floor Corridor Between MRF and Tip Floor (air moving from MRF to Tip Floor) Between C1450 and C520 Near CM20 Near MRF Floor Sump	23.1 18.6 24.1 25.0 PM10 (ug/m3) 28.5 22.4 7.9 8.8 24.3 5.1	PM10 (ug/m3) 25.2 18.3 10.6 12.0 16.2 8.0	27.6 28.6 29.2 27.2 27.5 PM10 (ug/m3) 56.0 46.4 52.9 29.9 45.5	23.5 23.6 22.9 17.9 25.8 PM10 (ug/m3) 17.3 19.6 16.8 20.6 19.5	26.2 23.3 27.2 26.5 PM10 (ug/m3) 30.4 26.9 18.4 24.0 32.1 30.6	25.2 18.9 29.7 22.8 PM10 (ug/m3) 45.8 33.8 18.5 21.2 63.6 12.7	36.0 32.6 38.1 34.6 PM10 (ug/m3) 32.0 34.5 30.4 28.4 75.2 35.4	29.9 30.8 21.3 25.6 PM10 (ug/m3) 44.8 31.7 26.6 25.5 47.4 15.4	27.8 18.2 31.8 31.4 37.9 PM10 (ug/m3) 27.9 33.7 29.6 26.7 23.7 27.2	27.4 16.6 16.9 30.7 34.2 PM10 (ug/m3) 43.7 44.1 25.0 32.1 21.3 18.0	19.9 32.9 43.5 23.3 44.6 PM10 (ug/m3) 29.1 44.0 23.0 29.8 30.4 31.6	21.7 18.7 17.2 32.5 32.5 9M10 (ug/m3) 27.5 71.8 53.4 41.8 26.7 32.7	16.7 34.5 9.3 17.1 26.3 PM10 (ug/m3) 35.5 18.9 18.1 21.3 18.9	42.6 51.5 43.5 39.1 38.2 PM10 (ug/m3) 38.9 47.9 46.1 26.6 66.7 28.8	51.9 22.6 65.5 77.8 19.9 PM10 (ug/m3) 36.9 62.7 45.1 52.1 51.8 34.4	10.2 11.6 12.7 12.3 12.5 PM10 (ug/m3) 27.4 19.7 17.9 19.2 15.0 20.1	PM10 (ug/m3) 16.0 13.1 17.8 13.9 9.4	16.7 17.7 22.8 21.3 32.7 PM10 (ug/m3) 30.7 61.4 9.6 19.5 37.4 8.6	24.7 31.5 16.4 48.6 50.2 PM10 (ug/m3) 50.5 72.1 22.0 21.4 27.9 21.5	32.5 39.6 43.8 36.2 44.2 PM10 (ug/m3) 28.4 73.7 30.7 82.0 48.8 26.1	22.5 24.5 29.5 39.3 34.0 PM10 (ug/m3) 41.4 42.4 23.4 30.1 37.4 27.8	30.2 30.8 29.8 28.9 PM10 (ug/m3) 23.1 19.7 13.6 26.2 34.1 16.7	39.6 32.4 34.8 37.7 27.5 PM10 (ug/m3) 40.7 46.9 28.6 29.1 40.1 24.2
MSW 1 1 2 2	11 12 13 Point 1 2 3 4 5 6 7	Between D180 and D120 Between M140 and D101 Between M140 and D101 Between Tommels Between Tommels Between AWS 550s Location Description East Corner of Tip Floor Rollup Door Near Residual Pile on Tip Floor Corridor Between MRF and Tip Floor (air moving from MRF to Tip Floor) Between C1450 and C520 Near C740 Near MRF Floor Sump Between C500 and Eyewash, In Front of Control Room	23.1 18.6 24.1 25.0 PM10 (ug/m3) 28.5 22.4 7.9 8.8 24.3 5.1 15.5	12.4 24.6 14.4 22.4 PM10 (ug/m3) 25.2 18.3 10.6 12.0 16.2 8.0	27.6 28.6 29.2 27.2 27.5 PM10 (ug/m3) 56.0 46.4 52.9 29.9 45.5 11.9	23.5 23.6 22.9 17.9 25.8 PM10 (ug/m3) 17.3 19.6 16.8 20.6 19.5 10.1	26.2 23.3 27.2 26.5 PM10 (ug/m3) 30.4 26.9 18.4 24.0 32.1 30.6 33.6	25.2 18.9 29.7 22.8 PM10 (ug/m3) 45.8 33.8 18.5 21.2 63.6 12.7	36.0 32.6 38.1 34.6 PM10 (ug/m3) 32.0 34.5 30.4 28.4 75.2 35.4 33.3	29.9 30.8 21.3 25.6 PM10 (ug/m3) 44.8 31.7 26.6 25.5 47.4 15.4 29.5	27.8 18.2 31.8 31.4 37.9 PM10 (ug/m3) 27.9 33.7 29.6 26.7 27.2 35.5	27.4 16.6 16.9 30.7 34.2 PM10 (ug/m3) 43.7 44.1 25.0 32.1 21.3 18.0 32.0	19.9 32.9 43.5 23.3 44.6 PM10 (ug/m3) 29.1 44.0 23.0 29.8 30.4 31.6 31.7	21.7 18.7 17.2 32.5 32.5 9M10 (ug/m3) 27.5 71.8 53.4 41.8 26.7 32.7 56.5	16.7 34.5 9.3 17.1 26.3 PM10 (ug/m3) 35.5 18.9 37.8 18.1 21.3 18.9	42.6 51.5 43.5 39.1 38.2 PM10 (ug/m3) 38.9 47.9 46.1 26.6 66.7 28.8 36.1	51.9 22.6 65.5 77.8 19.9 PM10 (ug/m3) 36.9 62.7 45.1 52.1 51.8 34.4 108.1	10.2 11.6 12.7 12.3 12.5 PM10 (ug/m3) 27.4 19.7 17.9 19.2 15.0 20.1	PM10 (ug/m3) 16.0 13.8 13.1 17.8 13.9 9.4 13.3	16.7 17.7 22.8 21.3 32.7 PM10 (ug/m3) 30.7 61.4 9.6 19.5 37.4 8.6 26.2	24.7 31.5 16.4 48.6 50.2 PM10 (ug/m3) 50.5 72.1 22.0 21.4 27.9 21.5 25.4	32.5 39.6 43.8 36.2 44.2 PM10 (ug/m3) 28.4 73.7 30.7 82.0 48.8 26.1 38.3	22.5 24.5 29.5 39.3 34.0 PM10 (ug/m3) 41.4 42.4 23.4 30.1 37.4 27.8 34.3	30.2 30.8 29.8 28.9 PM10 (ug/m3) 23.1 19.7 13.6 26.2 34.1 16.7 22.0	39.6 32.4 34.8 37.7 27.5 PM10 (ug/m3) 40.7 46.9 28.6 29.1 40.1 24.2 36.5
MSW 1 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	11 12 13 Point 1 2 3 4 5 6 7 8	Between D180 and D120 Between M140 and D101 Between M140 and D101 Between Tommels Between Tommels Between AWS 550s Location Description East Corner of Tip Floor Rollup Door Near Residual Pile on Tip Floor Corridor Between MRF and Tip Floor (air moving from MRF to Tip Floor) Between C1450 and C520 Near C740 Near MRF Floor Sump Between C500 and Eyewsh, In Front of Control Room Between D503 and C980	23.1 18.6 24.1 25.0 PM10 (ug/m3) 28.5 22.4 7.9 8.8 24.3 5.1 15.5 21.8	12.4 24.6 14.4 22.4 PM10 (ug/m3) 25.2 18.3 10.6 12.0 16.2 8.0 11.3 7.9	27.6 28.6 29.2 27.2 27.5 PM10 (ug/m3) 56.0 46.4 52.9 29.9 45.5 11.9 48.6	23.5 23.6 22.9 17.9 25.8 PM10 (ug/m3) 17.3 19.6 16.8 20.6 19.5 10.1 18.6 22.5	26.2 23.3 27.2 26.5 PM10 (ug/m3) 30.4 26.9 18.4 24.0 32.1 30.6 33.6 31.7	25.2 18.9 29.7 22.8 PM10 (ug/m3) 45.8 33.8 18.5 21.2 63.6 12.7 19.3 58.6	36.0 32.6 38.1 34.6 PM10 (ug/m3) 32.0 34.5 30.4 28.4 75.2 35.4 33.3 51.6	29.9 30.8 21.3 25.6 PM10 (ug/m3) 44.8 31.7 26.6 25.5 47.4 15.4 29.5 37.7	27.8 18.2 31.8 31.4 37.9 PM10 (ug/m3) 27.9 33.7 29.6 26.7 23.7 27.2 35.5 32.6	27.4 16.6 16.9 30.7 34.2 PM10 (ug/m3) 43.7 44.1 25.0 32.1 21.3 18.0 32.0 36.6	19.9 32.9 43.5 23.3 44.6 PM10 (ug/m3) 29.1 44.0 23.0 29.8 30.4 31.6 31.7 35.4	21.7 18.7 17.2 32.5 32.5 PM10 (ug/m3) 27.5 71.8 53.4 41.8 26.7 32.7 56.5 31.6	16.7 34.5 9.3 17.1 26.3 PM10 (ug/m3) 35.5 18.9 37.8 18.1 21.3 18.9 18.2 62.7	42.6 51.5 43.5 39.1 38.2 PM10 (ug/m3) 38.9 47.9 46.1 26.6 66.7 28.8 36.1 53.8	51.9 22.6 65.5 77.8 19.9 PM10 (ug/m3) 36.9 62.7 45.1 52.1 51.8 34.4 108.1 65.8	10.2 11.6 12.7 12.3 12.5 PM10 (ug/m3) 27.4 19.7 17.9 19.2 15.0 20.1 15.4 25.6	13.1 8.8 10.4 7.3 9.3 PM10 (ug/m3) 16.0 13.8 13.1 17.8 13.9 9.4 13.3 15.3	16.7 17.7 22.8 21.3 32.7 PM10 (ug/m3) 30.7 61.4 9.6 19.5 37.4 8.6 26.2 33.6	24.7 31.5 16.4 48.6 50.2 PM10 (ug/m3) 50.5 72.1 22.0 21.4 27.9 21.5 25.4 25.9	32.5 39.6 43.8 36.2 44.2 PM10 (ug/m3) 28.4 73.7 30.7 82.0 48.8 26.1 38.3 55.8	22.5 24.5 29.5 39.3 34.0 PM10 (ug/m3) 41.4 42.4 23.4 30.1 37.4 27.8 34.3 37.1	30.2 30.8 29.8 28.9 PM10 (ug/m3) 23.1 19.7 13.6 26.2 34.1 16.7 22.0 33.3	39.6 32.4 34.8 37.7 27.5 PM10 (ug/m3) 40.7 46.9 28.6 29.1 40.1 24.2 36.5
MSW 1 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	11 12 13 Point 1 2 3 4 5 6 7 8	Between D180 and D120 Between M140 and D101 Between M140 and D101 Between Tommels Between Tommels Between AWS 550s Location Description East Corner of Tip Floor Rollup Door Near Residual Pile on Tip Floor Corridor Between MRF and Tip Floor (air moving from MRF to Tip Floor) Between C1450 and C520 Near C740 Near MRF Floor Sump Between C500 and Eyewash, In Front of Control Room Between D300 and C980 Between D300 and C980 Between D300 and D430	23.1 18.6 24.1 25.0 PM10 (ug/m3) 28.5 22.4 7.9 8.8 24.3 5.1 15.5 21.8 33.6	PM10 (ug/m3) 25.2 18.3 10.6 12.0 16.2 8.0 11.3 7.9 25.2	27.6 28.6 29.2 27.2 27.5 PM10 (ug/m3) 56.0 46.4 52.9 29.9 45.5 11.9 47.9 48.6	23.5 23.6 22.9 17.9 25.8 PM10 (ug/m3) 17.3 19.6 16.8 20.6 19.5 10.1 18.6 22.5 37.3	26.2 23.3 27.2 26.5 PM10 (ug/m3) 30.4 26.9 18.4 24.0 32.1 30.6 33.6 31.7	25.2 18.9 29.7 22.8 PM10 (ug/m3) 45.8 33.8 18.5 21.2 63.6 12.7 19.3 58.6 58.8	36.0 32.6 38.1 34.6 PM10 (ug/m3) 32.0 34.5 30.4 28.4 75.2 35.4 33.3 51.6 68.2	29.9 30.8 21.3 25.6 PM10 (ug/m3) 44.8 31.7 26.6 25.5 47.4 15.4 29.5 37.7 68.2	27.8 18.2 31.8 31.4 37.9 PM10 (ug/m3) 27.9 33.7 29.6 26.7 23.7 27.2 35.5 32.6 45.6	27.4 16.6 16.9 30.7 34.2 PM10 (ug/m3) 43.7 44.1 25.0 32.1 21.3 18.0 32.0 36.6 44.2	19.9 32.9 43.5 23.3 44.6 PM10 (ug/m3) 29.1 44.0 23.0 29.8 30.4 31.6 31.7 35.4	21.7 18.7 17.2 32.5 32.5 9M10 (ug/m3) 27.5 71.8 53.4 41.8 26.7 32.7 56.5 31.6 35.7	16.7 34.5 9.3 17.1 26.3 PM10 (ug/m3) 35.5 18.9 37.8 18.1 21.3 18.9 18.2 62.7 26.5	42.6 51.5 43.5 39.1 38.2 PM10 (ug/m3) 38.9 47.9 46.1 26.6 66.7 28.8 36.1 53.8 67.9	51.9 22.6 65.5 77.8 19.9 PM10 (ug/m3) 36.9 62.7 45.1 52.1 51.8 34.4 108.1 65.8 65.0	10.2 11.6 12.7 12.3 12.5 PM10 (ug/m3) 27.4 19.7 17.9 19.2 15.0 20.1 15.4 25.6 15.2	13.1 8.8 10.4 7.3 9.3 PM10 (ug/m3) 16.0 13.8 13.1 17.8 13.9 9.4 13.3 21.8	16.7 17.7 22.8 21.3 32.7 PM10 (ug/m3) 30.7 61.4 9.6 19.5 37.4 8.6 26.2 33.6	24.7 31.5 16.4 48.6 50.2 PM10 (ug/m3) 50.5 72.1 22.0 21.4 27.9 21.5 25.9 32.4	32.5 39.6 43.8 36.2 44.2 PM10 (ug/m3) 28.4 73.7 82.0 48.8 26.1 38.3 55.8 50.8	22.5 24.5 29.5 39.3 34.0 PM10 (ug/m3) 41.4 42.4 23.4 30.1 37.4 27.8 34.3 37.1 34.5	30.2 30.8 29.8 28.9 PM10 (ug/m3) 23.1 19.7 13.6 26.2 34.1 16.7 22.0 33.3 43.4	39.6 32.4 34.8 34.8 37.5 PM10 (ug/m3) 40.7 46.9 28.6 29.1 40.1 24.2 36.5 40.5
MSW 1 1 1 2 2 2 1 2 2 2 2 2 2 2 2 2 2 2 2	11 12 13 Point 1 2 3 4 5 6 7 8 9	Between D180 and D120 Between M140 and D101 Between M140 and D101 Between Tommels Between Tommels Between AWS 550s Location Description East Corner of Tip Floor Rollup Door Near Residual Pile on Tip Floor Corridor Between MRF and Tip Floor (air moving from MRF to Tip Floor) Between C1450 and C520 Near C740 Near MRF Floor Sump Between D30 and C980 Between D30 and C980 Between D30 and D430 Between D30 and D430 Between D30 and D430 Between D30 and D430	23.1 18.6 24.1 25.0 PM10 (ug/m3) 28.5 22.4 7.9 8.8 24.3 5.1 15.5 21.8 33.6 35.9	12.4 24.6 14.4 22.4 22.4 10.6 10.6 12.0 16.2 8.0 11.3 7.9 25.2 20.4	27.6 28.6 29.2 27.2 27.5 PM10 (ug/m3) 56.0 46.4 52.9 29.9 45.5 11.9 47.9 48.6 43.6	23.5 23.6 22.9 17.9 25.8 PM10 (ug/m3) 17.3 19.6 20.6 19.5 10.1 18.6 22.5 37.3 38.7	26.2 23.3 27.2 26.5 PM10 (ug/m3) 30.4 26.9 18.4 24.0 32.1 30.6 33.6 31.7 48.5 43.4	25.2 18.9 29.7 22.8 PM10 (ug/m3) 45.8 33.8 18.5 21.2 63.6 12.7 19.3 58.6 58.8	36.0 32.6 38.1 34.6 PM10 (ug/m3) 32.0 34.5 30.4 28.4 75.2 35.4 33.3 51.6 68.2 61.5	29.9 30.8 21.3 25.6 PM10 (ug/m3) 44.8 31.7 26.6 25.5 47.4 15.4 29.5 37.7 68.2	27.8 18.2 31.8 31.4 37.9 PM10 (ug/m3) 27.9 33.7 29.6 26.7 23.7 27.2 35.5 32.6 45.6 30.3	27.4 16.6 16.9 30.7 34.2 PM10 (ug/m3) 43.7 44.1 25.0 32.1 21.3 18.0 32.0 36.6 44.2 27.2	19.9 32.9 43.5 23.3 44.6 PM10 (ug/m3) 29.1 44.0 23.0 29.8 30.4 31.6 31.7 35.4 55.8	21.7 18.7 17.2 32.5 32.5 32.5 PM10 (ug/m3) 27.5 71.8 53.4 41.8 26.7 32.7 56.5 31.6 35.7 30.0	16.7 34.5 9.3 17.1 26.3 PM10 (ug/m3) 35.5 18.9 37.8 18.1 21.3 18.9 18.2 62.7 26.5 52.4	42.6 51.5 43.5 39.1 38.2 PM10 (ug/m3) 38.9 47.9 46.1 26.6 66.7 28.8 36.1 53.8 67.9 84.8	51.9 22.6 65.5 77.8 19.9 PM10 (ug/m3) 36.9 62.7 45.1 52.1 51.8 34.4 108.1 65.8 65.0 39.0	10.2 11.6 12.7 12.3 12.5 PM10 (ug/m3) 27.4 19.7 17.9 19.2 15.0 20.1 15.4 25.6 15.2	13.1 8.8 10.4 7.3 9.3 PM10 (ug/m3) 16.0 13.8 13.1 17.8 13.9 9.4 13.3 15.3 21.8 15.1	16.7 17.7 22.8 21.3 32.7 PM10 (ug/m3) 30.7 61.4 9.6 19.5 37.4 8.6 26.2 33.6 26.8 28.8	24.7 31.5 16.4 48.6 50.2 PM10 (ug/m3) 50.5 72.1 22.0 21.4 27.9 21.5 25.4 25.9 47.4	32.5 39.6 43.8 36.2 44.2 PM10 (ug/m3) 28.4 73.7 30.7 82.0 48.8 26.1 38.3 55.8 50.8 64.5	22.5 24.5 29.5 39.3 34.0 PM10 (ug/m3) 41.4 42.4 23.4 30.1 37.4 27.8 34.3 37.1 34.5 37.2	30.2 30.8 29.8 28.9 PM10 (ug/m3) 23.1 19.7 13.6 26.2 34.1 16.7 22.0 33.3 43.4 48.7	39.6 32.4 34.8 37.7 27.5 PM10 (ug/m3) 40.7 46.9 28.6 29.1 40.1 24.2 36.5 40.5 50.0
MSW 1 1 2 2 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2	11 12 13 Point 1 2 3 4 5 6 7 8 9 10	Between D180 and D120 Between M140 and D101 Between M140 and D101 Between M140 and D101 Between AWS 550s Location Description East Corner of Tip Floor Rollup Door Near Residual Pile on Tip Floor Corridor Between MRF and Tip Floor (air moving from MRF to Tip Floor) Between C1450 and C520 Near C740 Near MRF Floor Sump Between C500 and Eyewsh, In Front of Control Room Between D290 and D430 Between D180 and D120 Between D180 and D120 Between D180 and D120 Between D180 and D120	23.1 18.6 24.1 25.0 PM10 (ug/m3) 28.5 22.4 7.9 8.8 24.3 5.1 15.5 21.8 33.6 35.9 29.9	12.4 24.6 14.4 22.4 PM10 (ug/m3) 25.2 18.3 10.6 12.0 16.2 8.0 11.3 7.9 25.2 20.4 41.2	27.6 28.6 29.2 27.2 27.5 PM10 (ug/m3) 56.0 46.4 52.9 29.9 45.5 11.9 48.6 43.6 46.1 46.3	23.5 23.6 22.9 17.9 25.8 PM10 (ug/m3) 17.3 19.6 16.8 20.6 19.5 10.1 18.6 22.5 37.3 38.7 37.5	26.2 23.3 27.2 26.5 PM10 (ug/m3) 30.4 26.9 18.4 24.0 32.1 30.6 33.6 31.7 48.5 43.4 38.2	25.2 18.9 29.7 22.8 PM10 (ug/m3) 45.8 33.8 18.5 21.2 63.6 12.7 19.3 58.6 58.8 40.6 31.8	36.0 32.6 38.1 34.6 PM10 (ug/m3) 32.0 34.5 30.4 28.4 75.2 35.4 35.4 35.6 68.2 61.5 54.6	29.9 30.8 21.3 25.6 PM10 (ug/m3) 44.8 31.7 26.6 25.5 47.4 15.4 29.5 37.7 68.2 51.6 47.2	27.8 18.2 31.8 31.4 37.9 PM10 (ug/m3) 27.9 33.7 29.6 26.7 23.7 27.2 35.5 32.6 45.6 45.6 45.6	27.4 16.6 16.9 30.7 34.2 PM10 (ug/m3) 43.7 44.1 25.0 32.1 21.3 18.0 32.0 36.6 44.2 27.2 27.2 25.7	19.9 32.9 43.5 23.3 44.6 PM10 (ug/m3) 29.1 44.0 23.0 29.8 30.4 31.6 31.7 35.4 32.4 55.8 72.3	21.7 18.7 17.2 32.5 32.5 9M10 (ug/m3) 27.5 71.8 53.4 41.8 26.7 32.7 56.5 31.6 35.7 30.0 27.3	16.7 34.5 9.3 17.1 26.3 PM10 (ug/m3) 35.5 18.9 37.8 18.1 21.3 18.9 18.2 62.7 26.5 52.4 38.7	42.6 51.5 43.5 39.1 38.2 PM10 (ug/m3) 38.9 47.9 46.1 26.6 66.7 28.8 36.1 53.8 67.9 84.8 70.2	51.9 22.6 65.5 77.8 19.9 PM10 (ug/m3) 36.9 62.7 45.1 52.1 51.8 34.4 108.1 65.8 65.0 39.0 101.5	10.2 11.6 12.7 12.3 12.5 PM10 (ug/m3) 27.4 19.7 17.9 19.2 15.0 20.1 15.4 25.6 15.2 17.7 19.4	13.1 8.8 10.4 7.3 9.3 9.3 16.0 13.8 13.1 17.8 13.9 9.4 13.3 15.3 21.8 15.1 16.2	16.7 17.7 22.8 21.3 32.7 PM10 (ug/m3) 30.7 61.4 9.6 19.5 37.4 8.6 26.2 33.6 26.2 33.6 26.8	24.7 31.5 16.4 48.6 50.2 PM10 (ug/m3) 50.5 72.1 22.0 21.4 27.9 21.5 25.4 25.9 32.4 47.4 52.7	32.5 39.6 43.8 36.2 44.2 PM10 (ug/m3) 28.4 73.7 30.7 82.0 48.8 26.1 38.3 55.8 50.8 64.5 70.2	22.5 24.5 29.5 39.3 34.0 PM10 (ug/m3) 41.4 42.4 23.4 30.1 37.4 27.8 34.3 34.3 37.1 34.5 37.2 44.6	30.2 30.8 29.8 28.9 PM10 (ug/m3) 23.1 19.7 13.6 26.2 34.1 16.7 22.0 33.3 43.4 48.7 49.4	39.6 32.4 34.8 37.7 27.5 PM10 (ug/m3) 40.7 46.9 28.6 29.1 40.1 24.2 36.5 40.5 47.5 50.0
MSW 1 1 2 2 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2	Point 1 2 3 4 5 6 7 7 8 8 9 10 11 12	Between D180 and D120 Between M140 and D101 Between M140 and D101 Between M140 and D101 Between Tommels Between Tommels Between Tommels Between Tommels Between Tommels Between AWS 550s Location Description East Corner of Tip Floor Rollup Door Near Residual Pile on Tip Floor Corridor Between MRF and Tip Floor (air moving from MRF to Tip Floor) Between C180 and C520 Near C740 Near MRF Floor Sump Between D300 and Cyewash, In Front of Control Room Between D300 and C980 Between D180 and D120 Between D180 and D120 Between M140 and D101 Between M140 and D101 Between M140 and D101	23.1 18.6 24.1 25.0 PM10 (ug/m3) 28.5 22.4 7.9 8.8 24.3 5.1 15.5 21.8 33.6 35.9 29.9 38.4	12.4 24.6 14.4 22.4 22.4 25.2 18.3 10.6 12.0 16.2 8.0 11.3 7.9 25.2 20.4 4.1 20.4 20.4 20.4 20.4 20.4 20.4 20.4 20.4	27.6 28.6 29.2 27.2 27.5 PM10 (ug/m3) 56.0 46.4 52.9 29.9 45.5 11.9 47.9 48.6 43.6 46.1	23.5 23.6 22.9 17.9 25.8 PM10 (ug/m3) 17.3 19.6 16.8 20.6 19.5 10.1 18.6 22.5 37.3 38.7 37.5 37.5 29.4	26.2 23.3 27.2 26.5 PM10 (ug/m3) 30.4 26.9 18.4 24.0 32.1 30.6 33.6 31.7 48.5 43.4 38.2 43.7	25.2 18.9 29.7 22.8 PM10 (ug/m3) 45.8 33.8 18.5 21.2 63.6 12.7 19.3 58.6 58.8 40.6 31.8	36.0 32.6 38.1 34.6 PM10 (ug/m3) 32.0 34.5 30.4 28.4 75.2 33.3 51.6 68.2 61.5 54.6 68.2	29.9 30.8 21.3 25.6 PM10 (ug/m3) 44.8 31.7 26.6 25.5 47.4 12.9.5 37.7 68.2 51.6 47.2 35.1	27.8 18.2 31.8 31.4 37.9 PM10 (ug/m3) 27.9 33.7 29.6 26.7 23.7 27.2 35.5 32.6 45.6 30.3 48.4 50.2	27.4 16.6 16.9 30.7 34.2 PM10 (ug/m3) 43.7 44.1 25.0 32.1 21.3 18.0 32.0 32.0 44.2 27.2 25.7 50.5	19.9 32.9 43.5 23.3 44.6 PM10 (ug/m3) 29.1 44.0 23.0 30.4 31.6 31.7 35.4 32.4 55.8 72.3 38.9	21.7 18.7 17.2 32.5 22.5 PM10 (ug/m3) 27.5 71.8 53.4 41.8 26.7 32.7 56.5 31.6 35.7 30.0 27.3	16.7 34.5 9.3 17.1 26.3 PM10 (ug/m3) 35.5 18.9 37.8 18.1 21.3 18.9 18.2 62.7 26.5 52.4 33.46	42.6 51.5 43.5 39.1 38.2 PM10 (ug/m3) 38.9 47.9 46.1 26.6 66.7 28.8 36.1 53.8 67.9 84.8 70.2 62.8	51.9 22.6 65.5 77.8 19.9 PM10 (ug/m3) 36.9 62.7 45.1 52.1 51.8 34.4 108.1 65.8 65.0 39.0 101.5 127.7	10.2 11.6 12.7 12.3 12.5 PM10 (ug/m3) 27.4 19.7 17.9 19.2 15.0 20.1 15.4 25.6 15.2 17.7 19.4	13.1 8.8 10.4 7.3 9.3 PM10 (ug/m3) 16.0 13.8 13.1 17.8 13.9 9.4 13.3 21.8 15.3 21.8 15.1 16.2	16.7 17.7 22.8 21.3 32.7 PM10 (ug/m3) 30.7 61.4 9.6 19.5 37.4 8.6 26.2 33.6 26.8 28.8 35.6 34.5	24.7 31.5 16.4 48.6 50.2 PM10 (ug/m3) 50.5 72.1 22.0 21.4 27.9 21.5 25.9 32.4 47.4 52.7 71.2	32.5 39.6 43.8 36.2 44.2 PM10 (ug/m3) 28.4 73.7 30.7 82.0 48.8 26.1 38.3 55.8 50.8 64.5 70.2 56	22.5 24.5 29.5 39.3 34.0 PM10 (ug/m3) 41.4 42.4 23.4 30.1 37.4 27.8 34.3 37.1 34.5 37.2 44.6 59.8	30.2 30.8 29.8 28.9 PM10 (ug/m3) 23.1 19.7 13.6 26.2 34.1 16.7 22.0 33.3 43.4 48.7 49.4 47.3	39.6 32.4 34.8 37.7 27.5 PM10 (ug/m3) 40.7 46.9 28.6 29.1 40.1 24.2 36.5 47.5 50.0 53.0 56.4
MSW 1 1 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	Point 1 2 3 4 5 6 7 7 8 8 9 10 11 12	Between D180 and D120 Between M140 and D101 Between M140 and D101 Between M140 and D101 Between AWS 550s Location Description East Corner of Tip Floor Rollup Door Near Residual Pile on Tip Floor Corridor Between MRF and Tip Floor (air moving from MRF to Tip Floor) Between C1450 and C520 Near C740 Near MRF Floor Sump Between C500 and Eyewsh, In Front of Control Room Between D290 and D430 Between D180 and D120 Between D180 and D120 Between D180 and D120 Between D180 and D120	23.1 18.6 24.1 25.0 PM10 (ug/m3) 28.5 22.4 7.9 8.8 24.3 5.1 15.5 21.8 33.6 35.9 29.9	12.4 24.6 14.4 22.4 PM10 (ug/m3) 25.2 18.3 10.6 12.0 16.2 8.0 11.3 7.9 25.2 20.4 41.2	27.6 28.6 29.2 27.2 27.5 PM10 (ug/m3) 56.0 46.4 52.9 29.9 45.5 11.9 48.6 43.6 46.1 46.3	23.5 23.6 22.9 17.9 25.8 PM10 (ug/m3) 17.3 19.6 16.8 20.6 19.5 10.1 18.6 22.5 37.3 38.7 37.5	26.2 23.3 27.2 26.5 PM10 (ug/m3) 30.4 26.9 18.4 24.0 32.1 30.6 33.6 31.7 48.5 43.4 38.2	25.2 18.9 29.7 22.8 PM10 (ug/m3) 45.8 33.8 18.5 21.2 63.6 12.7 19.3 58.6 58.8 40.6 31.8	36.0 32.6 38.1 34.6 PM10 (ug/m3) 32.0 34.5 30.4 28.4 75.2 35.4 35.4 35.6 68.2 61.5 54.6	29.9 30.8 21.3 25.6 PM10 (ug/m3) 44.8 31.7 26.6 25.5 47.4 15.4 29.5 37.7 68.2 51.6 47.2	27.8 18.2 31.8 31.4 37.9 PM10 (ug/m3) 27.9 33.7 29.6 26.7 23.7 27.2 35.5 32.6 45.6 45.6 45.6	27.4 16.6 16.9 30.7 34.2 PM10 (ug/m3) 43.7 44.1 25.0 32.1 21.3 18.0 32.0 36.6 44.2 27.2 27.2 25.7	19.9 32.9 43.5 23.3 44.6 PM10 (ug/m3) 29.1 44.0 23.0 29.8 30.4 31.6 31.7 35.4 32.4 55.8 72.3	21.7 18.7 17.2 32.5 32.5 9M10 (ug/m3) 27.5 71.8 53.4 41.8 26.7 32.7 56.5 31.6 35.7 30.0 27.3	16.7 34.5 9.3 17.1 26.3 PM10 (ug/m3) 35.5 18.9 37.8 18.1 21.3 18.9 18.2 62.7 26.5 52.4 38.7	42.6 51.5 43.5 39.1 38.2 PM10 (ug/m3) 38.9 47.9 46.1 26.6 66.7 28.8 36.1 53.8 67.9 84.8 70.2	51.9 22.6 65.5 77.8 19.9 PM10 (ug/m3) 36.9 62.7 45.1 52.1 51.8 34.4 108.1 65.8 65.0 39.0 101.5	10.2 11.6 12.7 12.3 12.5 PM10 (ug/m3) 27.4 19.7 17.9 19.2 15.0 20.1 15.4 25.6 15.2 17.7 19.4	13.1 8.8 10.4 7.3 9.3 9.3 16.0 13.8 13.1 17.8 13.9 9.4 13.3 15.3 21.8 15.1 16.2	16.7 17.7 22.8 21.3 32.7 PM10 (ug/m3) 30.7 61.4 9.6 19.5 37.4 8.6 26.2 33.6 26.2 33.6 26.8	24.7 31.5 16.4 48.6 50.2 PM10 (ug/m3) 50.5 72.1 22.0 21.4 27.9 21.5 25.4 25.9 32.4 47.4 52.7	32.5 39.6 43.8 36.2 44.2 PM10 (ug/m3) 28.4 73.7 30.7 82.0 48.8 26.1 38.3 55.8 50.8 64.5 70.2	22.5 24.5 29.5 39.3 34.0 PM10 (ug/m3) 41.4 42.4 23.4 30.1 37.4 27.8 34.3 34.3 37.1 34.5 37.2 44.6	30.2 30.8 29.8 28.9 PM10 (ug/m3) 23.1 19.7 13.6 26.2 34.1 16.7 22.0 33.3 43.4 48.7 49.4	39.6 32.4 34.8 37.7 27.5 PM10 (ug/m3 40.7 46.9 28.6 29.1 40.1 24.2 36.5 40.5 47.5 50.0

The facility was running MSW & SSR All of the rollup doors were open

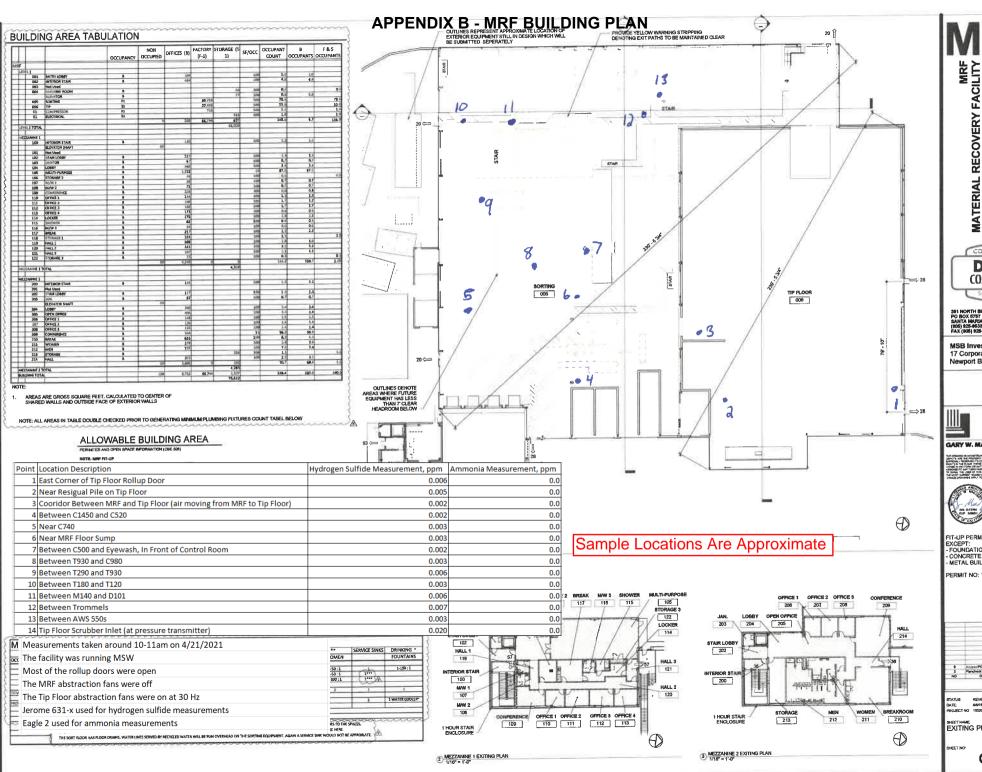
The MRF abstraction fans were on

The Tip Floor abstraction fans were on at 30 Hz

Jerome 631-x used for hydrogen sulfide measurements, last calibrate 3/23/2023

Temptop M2000 AQ Meter for PM2.5, PM10, and CO2 used for PM measurements, last calibrated 3/23/2023

Temptop M2000 AQ Meter for PM2.5, PM10, and CO2 used for PM measurements, last calibrated N/A





381 NORTH BLOSSER ROAD PO BOX 5787 2ANTA MARIA, CA 93458 - 5787 (805) 925-4633 FAX (808) 928-2150

MSB Investors, LLC 17 Corporate Plaza, Suite 200 Newport Beach, CA 92660

GARY W. MADJEDI, ARCHITECT



- FOUNDATIONS
- CONCRETE BUILDING WALLS
- METAL BUILDING AND SIDING PERMIT NO: 19REV-00345

REVIEW 8/6/19 150201

EXITING PLANS



July 10, 2023

Aimee Long Air Quality Specialist Santa Barbara County Air Pollution Control District 260 N. San Antonio Road, Suite A Santa Barbara, CA 93110

Permit: ATC 14500 05 H.B. Case No. 2021-12-M1

RE: MSB Investors, LLC

ReSource Center (formerly Tajiguas Resource Recovery Project) Variance Update Due to Alisal Fire Impact

Aimee:

In response to the Variance granted by the Hearing Board on December 7, 2022 in connection with H.B. Case No. 2021-12-M1 we offer the following request:

ATC 14500-10 addressing the MRF biofilter non-rebuild was deemed complete by District engineering on June 22, 2023.

Our general contractor, Diani Building Corp., Santa Maria, CA, has completed a detailed estimate for the repairs and replacement of the baghouse filters adjacent to the damaged MRF biofilter facilities. The estimated dates for completion of the repair and replacement of the baghouse filters is now October-December 2023, based on Diani's estimated 16 week construction schedule estimated to commence as of July 2023 following completion of a CEQA analysis of the repair and replacement project and Board of Supervisors (BOS) approval of such anticipated for August 2023. Our goal of course is to have the damaged equipment repaired and replaced with emission control systems approved by the District's engineering staff on or prior to the expiration of this Variance.

As stated in our petition for the Variance, we took preventative measures once the scrubbers became non-operational such as additional building ventilation and indoor air monitoring on a weekly basis. The indoor air monitoring continues to observe indoor air measurements of H2S and NH3 of approximately 2-5% of the MRF biofilter emission limits. The indoor air levels of H2S and NH3 were and continue to be extremely low due to the speed at which organic waste is processed through the building to loadout trucks for transfer to the ADF for further processing in-vessel.

Attached please find a schedule, Appendix A-MRF Indoor Air Sampling, showing the indoor air measurements of H2S, NH3, PM 2.5 and PM 10 taken at 13 locations inside the MRF building depicted on Appendix B-MRF Building Plan over the period from February 1, 2022 through June 30, 2023 (i.e., a 5-month lookback).

Please let me know if you have any questions on the above or the attached.

Sincerely,

John Dewey

MSB Investors, LLC

	Eacility	Emissions During Operations Without Operational Biofilters and Baghouses																						
	raciiity	chinssions burning Operations without Operational Biointers and Bagnouses	Friday	Friday	Friday	Friday	Friday	Friday	Friday	Friday	Friday	Friday	Thurs	Thurs	Thurs	Friday	Friday	Friday	Friday	Friday	Friday	Friday	Friday	2/3/23-
			(2/3/23)	(2/10/23)	(2/17/23)	(2/28/23)	(3/3/23)	(3/10/23)	(3/17/23)	(3/24/23)	(3/31/23)	(4/7/23)	(4/13/23)	(4/20/23)	(4/27/23)	(5/5/23)	(5/12/23)	(5/19/23)	(5/26/23)	(6/2/23)	(6/9/23)	(6/16/23)	(6/23/23)	6/23/23
NACIA	Point	Location Description	H2S	H2S	H2S	H2S	H2S	H2S	H2S	H2S	H2S	H2S	H2S	H2S	H2S	H2S (ppmv)	H2C (nnmu)	H2S (ppmv)	H2S (ppmv)	H2S (ppmv)	H2S (ppmv)	H2S (ppmv)	H2S (ppmv)	H2S (ppmv)
141344		*	(ppmv)	(ppmv)	(ppmv)	(ppmv)	(ppmv)	(ppmv)	(ppmv)	(ppmv)	(ppmv)	(ppmv)	(ppmv)	(ppmv)	(ppmv)									
1		East Corner of Tip Floor Rollup Door	0.007	0.003	0.001	0.003	0.002	0.002	0.005	0.005	0.007	0.004	0.003	0.008	0.001	0.012	0.002	0.009	0.004	0.003	0.004	0.009	0.012	0.005
1		Near Residual Pile on Tip Floor	0.007	0.009	0.007	0.004	0.008	0.009	0.004	0.007	0.006	0.008	0.006	0.009	0.005	0.005	0.009	0.006	0.006	0.004	0.003	0.006	0.005	0.006
1		Corridor Between MRF and Tip Floor (air moving from MRF to Tip Floor)	0.007	0.009	0.009	0.009	0.008	0.003	0.003	0.006	0.003	0.004	0.002	0.002	0.001	0.004	0.003	0.005	0.000	0.003	0.002	0.005	0.004	0.004
2		Between C1450 and C520	0.007	0.005	0.005	0.012	0.006	0.004	0.002	0.004	0.001	0.002	0.001	0.003	0.001	0.003	0.004	0.003	0.000	0.004	0.004	0.003	0.003	0.004
2		Near C740 Near MRF Floor Sump	0.002	0.004	0.002	0.002	0.005 0.006	0.006	0.004	0.002	0.005	0.003	0.002	0.004	0.003	0.002	0.006	0.006	0.003	0.005	0.006	0.006	0.002	0.004 0.004
2		Between C500 and Eyewash, In Front of Control Room	0.005	0.003	0.005	0.009	0.006	0.004	0.003	0.005	0.003	0.005	0.003	0.003	0.003	0.002	0.004	0.004	0.003	0.003	0.008	0.004	0.002	0.004
2		Between D930 and C980	0.006	0.006	0.006	0.003	0.007	0.003	0.004	0.003	0.004	0.003	0.003	0.003	0.004	0.003	0.003	0.004	0.002	0.004	0.004	0.004	0.003	0.004
2		Between D290 and D430	0.005	0.004	0.004	0.003	0.007	0.004	0.004	0.003	0.004	0.004	0.002	0.003	0.003	0.007	0.004	0.004	0.000	0.004	0.008	0.004	0.007	0.004
2		Between D180 and D120	0.006	0.004	0.009	0.009	0.007	0.003	0.004	0.003	0.005	0.004	0.002	0.003	0.003	0.002	0.003	0.005	0.001	0.003	0.005	0.005	0.002	0.004
2		Between M140 and D101	0.002	0.004	0.003	0.011	0.003	0.003	0.004	0.003	0.004	0.003	0.003	0.003	0.003	0.002	0.003	0.006	0.000	0.006	0.004	0.006	0.003	0.004
2		Between Trommels	0.007	0.005	0.007	0.028	0.007	0.004	0.003	0.005	0.006	0.004	0.003	0.004	0.003	0.003	0.004	0.004	0.001	0.006	0.004	0.004	0.003	0.005
2		Between AWS 550s	0.004	0.003	0.005	0.011	0.006	0.004	0.004	0.003	0.007	0.005	0.003	0.002	0.003	0.003	0.004	0.004	0.001	0.004	0.003	0.004	0.003	0.004
II.																								0.004
			NH3	NH3	NH3	NH3	NH3	NH3	NH3	NH3	NH3	NH3	NH3	NH3	NH3	NH3	NH3	NH3	NH3	NH3	NH3	NH3	NH3	
MSW	Point	Location Description	(ppmv)	(ppmv)	(ppmv)	(ppmv)	(ppmv)	(ppmv)	(ppmv)	(ppmv)	(ppmv)	(ppmv)	(ppmv)	(ppmv)	(ppmv)	(ppmv)	(ppmv)	(ppmv)	(ppmv)	(ppmv)	(ppmv)	(ppmv)	(ppmv)	NH3 (ppmv)
1	1	East Corner of Tip Floor Rollup Door	0.5	-	-	-	-	-	-	-	-	-	0.5	1.0	-	-	-	-	0.5	-	-	-	-	0.12
1	2	Near Residual Pile on Tip Floor	1.0	-	0.5	-	0.5		-	-	-	1.0	1.0	1.0	0.5	-	-	0.5	0.5	-	-	-	-	0.31
1	3	Corridor Between MRF and Tip Floor (air moving from MRF to Tip Floor)	0.5	-	-	-	0.5	-		-	-		-	-	-	-	-		0.5	-	1	-	-	0.07
2		Between C1450 and C520	0.5	-	-	-	-	-	-	-	-	-	0.5	-	-	-	-	0.5	0.5	-	-	-	-	0.10
2		Near C740	0.5	-	-	-	0.5	-	-	-	-	0.5	1.0	-	0.5	-	-	-	0.5	÷	-	-	-	0.17
1	6	Near MRF Floor Sump	-	0.5		-	0.5	-	-	-	-	-	-	-	-	-	-	-	0.5	÷	-	-	-	0.10
2		Between C500 and Eyewash, In Front of Control Room	1.0	-	0.5	0.5	0.5	-	*	-	-	-	0.5	0.5	-	-	-	0.5	0.5	-	-	-	-	0.21
2		Between D930 and C980	1.0	-	-	-	0.5	-	-	-	-	0.5	1.0	-	0.5	-	-	-	0.5	-	-	-	-	0.19
2		Between D290 and D430	1.0	-	-	0.5	0.5	-	-	-	-	-	1.0	0.5	0.5	-	-	0.5	1.0	-	-	-	-	0.26
2		Between D180 and D120	1.5	1.0		-	0.5	-	-	-	-	-	1.0	-	0.5	-	-	-	0.5	-	-	-	-	0.24
2		Between M140 and D101	1.0	1.0		-	1.0	0.5	-	-	-	0.5	1.5	0.5	0.5	-	0.5	0.5	0.5	0.5	-	-	-	0.40
2		Between Trommels Between AWS 550s	1.5	0.5		0.5	1.0	-	-	-	-	1.0	1.5	1.0	1.0		-	-	0.5	0.5	0.1	-	-	0.43 0.48
	13	between Aws 3303	1.5	1.5	0.5	-	1.0		0.5		0.5	0.5	1.5	1.0	0.5	-	-	-	1.0	-	-	-		
	13	octweet AWS 3303						- DM2 F		- DM2 F							- DM2 E	- DM2 F		- DM2 F	- DM2 F		DM2 F	0.24
MSW			PM2.5	PM2.5	PM2.5	PM2.5	PM2.5	PM2.5	PM2.5	PM2.5	PM2.5	PM2.5	PM2.5	PM2.5	PM2.5	PM2.5	PM2.5	PM2.5	PM2.5	PM2.5	PM2.5	PM2.5	PM2.5	0.24 PM2.5
MSW 1	Point	Location Description	PM2.5 (ug/m3)	PM2.5 (ug/m3)	PM2.5 (ug/m3)	PM2.5 (ug/m3)	PM2.5 (ug/m3)	(ug/m3)	PM2.5 (ug/m3)	(ug/m3)	PM2.5 (ug/m3)	PM2.5 (ug/m3)	PM2.5 (ug/m3)	PM2.5 (ug/m3)	PM2.5 (ug/m3)	PM2.5 (ug/m3)	(ug/m3)	(ug/m3)	PM2.5 (ug/m3)	(ug/m3)	(ug/m3)	PM2.5 (ug/m3)	(ug/m3)	0.24 PM2.5 (ug/m3)
1	Point 1	Location Description East Corner of Tip Floor Rollup Door	PM2.5 (ug/m3) 27.5	PM2.5 (ug/m3) 22.5	PM2.5 (ug/m3) 17.3	PM2.5 (ug/m3) 25.2	PM2.5 (ug/m3) 27.7	(ug/m3) 23.0	PM2.5 (ug/m3) 18.9	(ug/m3) 10.8	PM2.5 (ug/m3) 19.9	PM2.5 (ug/m3) 26.9	PM2.5 (ug/m3) 18.2	PM2.5 (ug/m3) 26.3	PM2.5 (ug/m3) 16.8	PM2.5 (ug/m3) 12.6	(ug/m3) 23.0	(ug/m3) 34.0	PM2.5 (ug/m3) 24.2	(ug/m3) 10.9	(ug/m3) 15	PM2.5 (ug/m3) 11.5	(ug/m3) 12.6	0.24 PM2.5 (ug/m3) 20.2
MSW 1 1 1	Point 1 2	Location Description East Corner of Tip Floor Rollup Door Near Residual Pile on Tip Floor	PM2.5 (ug/m3) 27.5 28.4	PM2.5 (ug/m3) 22.5 25.8	PM2.5 (ug/m3) 17.3 43.3	PM2.5 (ug/m3) 25.2 11.8	PM2.5 (ug/m3) 27.7 31.9	(ug/m3) 23.0 38.4	PM2.5 (ug/m3) 18.9 13.3	(ug/m3) 10.8 9.4	PM2.5 (ug/m3) 19.9 38.1	PM2.5 (ug/m3) 26.9 48.2	PM2.5 (ug/m3) 18.2 44.4	PM2.5 (ug/m3) 26.3 27.0	PM2.5 (ug/m3) 16.8 12.5	PM2.5 (ug/m3) 12.6 12.2	(ug/m3) 23.0 38.4	(ug/m3) 34.0 24.8	PM2.5 (ug/m3) 24.2 24.7	(ug/m3) 10.9 11.8	(ug/m3) 15 14.1	PM2.5 (ug/m3) 11.5 13.7	(ug/m3) 12.6 12.2	0.24 PM2.5 (ug/m3) 20.2 25.0
1	Point 1 2 3	Location Description East Corner of Tip Floor Rollup Door Near Residual Pile on Tip Floor Corridor Between MRF and Tip Floor (air moving from MRF to Tip Floor)	PM2.5 (ug/m3) 27.5 28.4 15.8	PM2.5 (ug/m3) 22.5 25.8 13.5	PM2.5 (ug/m3) 17.3 43.3 32.1	PM2.5 (ug/m3) 25.2 11.8 14.1	PM2.5 (ug/m3) 27.7 31.9 23.3	(ug/m3) 23.0 38.4 27.1	PM2.5 (ug/m3) 18.9 13.3 12.0	(ug/m3) 10.8 9.4 9.0	PM2.5 (ug/m3) 19.9 38.1 7.3	PM2.5 (ug/m3) 26.9 48.2 14.6	PM2.5 (ug/m3) 18.2 44.4 19.5	PM2.5 (ug/m3) 26.3 27.0 16.0	PM2.5 (ug/m3) 16.8 12.5 10.0	PM2.5 (ug/m3) 12.6 12.2 8.7	(ug/m3) 23.0 38.4 27.1	(ug/m3) 34.0 24.8 40.5	PM2.5 (ug/m3) 24.2 24.7 42.2	(ug/m3) 10.9 11.8 11.4	(ug/m3) 15 14.1 13.3	PM2.5 (ug/m3) 11.5 13.7 9.8	(ug/m3) 12.6 12.2 8.7	0.24 PM2.5 (ug/m3) 20.2 25.0 17.9
1 1 1	Point 1 2 3 4	Location Description East Corner of Tip Floor Rollup Door Near Residual Pile on Tip Floor	PM2.5 (ug/m3) 27.5 28.4	PM2.5 (ug/m3) 22.5 25.8 13.5 18.1	PM2.5 (ug/m3) 17.3 43.3 32.1 25.9	PM2.5 (ug/m3) 25.2 11.8 14.1 13.7	PM2.5 (ug/m3) 27.7 31.9	(ug/m3) 23.0 38.4 27.1 33.2	PM2.5 (ug/m3) 18.9 13.3 12.0 13.5	(ug/m3) 10.8 9.4 9.0 11.3	PM2.5 (ug/m3) 19.9 38.1 7.3 12.2	PM2.5 (ug/m3) 26.9 48.2 14.6 12.7	PM2.5 (ug/m3) 18.2 44.4 19.5 46.8	PM2.5 (ug/m3) 26.3 27.0 16.0 19.1	PM2.5 (ug/m3) 16.8 12.5	PM2.5 (ug/m3) 12.6 12.2 8.7	(ug/m3) 23.0 38.4 27.1 33.2	(ug/m3) 34.0 24.8 40.5 10.5	PM2.5 (ug/m3) 24.2 24.7 42.2 8.5	(ug/m3) 10.9 11.8 11.4 13.3	(ug/m3) 15 14.1 13.3 18.7	PM2.5 (ug/m3) 11.5 13.7 9.8 12.7	(ug/m3) 12.6 12.2 8.7 10	0.24 PM2.5 (ug/m3) 20.2 25.0
1 1 1 2	Point 1 2 3 4 5	Location Description East Corner of Tip Floor Rollup Door Near Residual Pile on Tip Floor Corridor Between MRF and Tip Floor (air moving from MRF to Tip Floor) Between C1450 and C520	PM2.5 (ug/m3) 27.5 28.4 15.8 20.9	PM2.5 (ug/m3) 22.5 25.8 13.5	PM2.5 (ug/m3) 17.3 43.3 32.1	PM2.5 (ug/m3) 25.2 11.8 14.1	PM2.5 (ug/m3) 27.7 31.9 23.3 17.8	(ug/m3) 23.0 38.4 27.1	PM2.5 (ug/m3) 18.9 13.3 12.0	(ug/m3) 10.8 9.4 9.0	PM2.5 (ug/m3) 19.9 38.1 7.3	PM2.5 (ug/m3) 26.9 48.2 14.6	PM2.5 (ug/m3) 18.2 44.4 19.5	PM2.5 (ug/m3) 26.3 27.0 16.0	PM2.5 (ug/m3) 16.8 12.5 10.0 18.1	PM2.5 (ug/m3) 12.6 12.2 8.7	(ug/m3) 23.0 38.4 27.1	(ug/m3) 34.0 24.8 40.5	PM2.5 (ug/m3) 24.2 24.7 42.2	(ug/m3) 10.9 11.8 11.4	(ug/m3) 15 14.1 13.3	PM2.5 (ug/m3) 11.5 13.7 9.8	(ug/m3) 12.6 12.2 8.7	0.24 PM2.5 (ug/m3) 20.2 25.0 17.9 18.1
1 1 1 2 2	Point 1 2 3 4 5	Location Description East Corner of Tip Floor Rollup Door Near Residual Pile on Tip Floor Corridor Between MRF and Tip Floor (air moving from MRF to Tip Floor) Between C1450 and C520 Near C740	PM2.5 (ug/m3) 27.5 28.4 15.8 20.9 13.8	PM2.5 (ug/m3) 22.5 25.8 13.5 18.1 20.3	PM2.5 (ug/m3) 17.3 43.3 32.1 25.9 18.4	PM2.5 (ug/m3) 25.2 11.8 14.1 13.7 12.2	PM2.5 (ug/m3) 27.7 31.9 23.3 17.8	23.0 38.4 27.1 33.2 33.9	PM2.5 (ug/m3) 18.9 13.3 12.0 13.5 10.4	9.4 9.0 11.3 8.9	PM2.5 (ug/m3) 19.9 38.1 7.3 12.2 22.2	PM2.5 (ug/m3) 26.9 48.2 14.6 12.7 19.4	PM2.5 (ug/m3) 18.2 44.4 19.5 46.8 32.3	PM2.5 (ug/m3) 26.3 27.0 16.0 19.1 24.4	PM2.5 (ug/m3) 16.8 12.5 10.0 18.1 22.2	PM2.5 (ug/m3) 12.6 12.2 8.7 10	(ug/m3) 23.0 38.4 27.1 33.2 33.9	(ug/m3) 34.0 24.8 40.5 10.5 12.5	PM2.5 (ug/m3) 24.2 24.7 42.2 8.5 9.9	(ug/m3) 10.9 11.8 11.4 13.3 17.8	(ug/m3) 15 14.1 13.3 18.7 10.8	PM2.5 (ug/m3) 11.5 13.7 9.8 12.7 11.8	(ug/m3) 12.6 12.2 8.7 10 16.5	0.24 PM2.5 (ug/m3) 20.2 25.0 17.9 18.1 19.4
1 1 1 2 2	Point 1 2 3 4 5 6 7	Location Description East Corner of Tip Floor Rollup Door Near Residual Pile on Tip Floor Corridor Between MRF and Tip Floor (air moving from MRF to Tip Floor) Between C1450 and C520 Near C740 Near MRF Floor Sump	PM2.5 (ug/m3) 27.5 28.4 15.8 20.9 13.8 12.1	PM2.5 (ug/m3) 22.5 25.8 13.5 18.1 20.3 20.4	PM2.5 (ug/m3) 17.3 43.3 32.1 25.9 18.4 20.4	PM2.5 (ug/m3) 25.2 11.8 14.1 13.7 12.2 38.4	PM2.5 (ug/m3) 27.7 31.9 23.3 17.8 40	(ug/m3) 23.0 38.4 27.1 33.2 33.9 22.7	PM2.5 (ug/m3) 18.9 13.3 12.0 13.5 10.4 13.6	(ug/m3) 10.8 9.4 9.0 11.3 8.9 6.3	PM2.5 (ug/m3) 19.9 38.1 7.3 12.2 22.2 6.7	PM2.5 (ug/m3) 26.9 48.2 14.6 12.7 19.4 14.5	PM2.5 (ug/m3) 18.2 44.4 19.5 46.8 32.3 17.1	PM2.5 (ug/m3) 26.3 27.0 16.0 19.1 24.4 17.7	PM2.5 (ug/m3) 16.8 12.5 10.0 18.1 22.2 11.3	PM2.5 (ug/m3) 12.6 12.2 8.7 10 16.5 9.2	(ug/m3) 23.0 38.4 27.1 33.2 33.9 22.7	(ug/m3) 34.0 24.8 40.5 10.5 12.5 22.6	PM2.5 (ug/m3) 24.2 24.7 42.2 8.5 9.9 27.3	(ug/m3) 10.9 11.8 11.4 13.3 17.8	(ug/m3) 15 14.1 13.3 18.7 10.8	PM2.5 (ug/m3) 11.5 13.7 9.8 12.7 11.8 9.2	(ug/m3) 12.6 12.2 8.7 10 16.5 9.2	0.24 PM2.5 (ug/m3) 20.2 25.0 17.9 18.1 19.4 16.1
1 1 1 2 2	Point 1 2 3 4 5 6 7 8 9	Location Description East Corner of Tip Floor Rollup Door Near Residual Pile on Tip Floor Corridor Between NRF and Tip Floor (air moving from MRF to Tip Floor) Between C1450 and C520 Near C740 Near MRF Floor Sump Between C500 and Eyewash, In Front of Control Room Between D930 and C980 Between D930 and O930 Between D930 and D430	PM2.5 (ug/m3) 27.5 28.4 15.8 20.9 13.8 12.1 19.8 23.3 27.4	PM2.5 (ug/m3) 22.5 25.8 13.5 18.1 20.3 20.4 18.9 21.4	PM2.5 (ug/m3) 17.3 43.3 32.1 25.9 18.4 20.4 34.4 20.5 21.7	PM2.5 (ug/m3) 25.2 11.8 14.1 13.7 12.2 38.4 24.8 24.7 16.7	PM2.5 (ug/m3) 27.7 31.9 23.3 17.8 40 19.5 23 33.4 42.6	(ug/m3) 23.0 38.4 27.1 33.2 33.9 22.7 67.1 42.4 51.9	PM2.5 (ug/m3) 18.9 13.3 12.0 13.5 10.4 13.6 10.5 15.7 10.2	(ug/m3) 10.8 9.4 9.0 11.3 8.9 6.3 8.6 9.7 13.1	PM2.5 (ug/m3) 19.9 38.1 7.3 12.2 22.2 6.7 16.6 19.9 16.7	PM2.5 (ug/m3) 26.9 48.2 14.6 12.7 19.4 14.5 17.0 18.7 24.7	PM2.5 (ug/m3) 18.2 44.4 19.5 46.8 32.3 17.1 23.1 35.6 32.5	PM2.5 (ug/m3) 26.3 27.0 16.0 19.1 24.4 17.7 21.9 24.1 22.5	PM2.5 (ug/m3) 16.8 12.5 10.0 18.1 22.2 11.3 14.9 21.8 28.3	PM2.5 (ug/m3) 12.6 12.2 8.7 10 16.5 9.2 19.3 16.7	(ug/m3) 23.0 38.4 27.1 33.2 33.9 22.7 67.1 42.4 51.9	(ug/m3) 34.0 24.8 40.5 10.5 12.5 22.6 31.3 38.5 48.9	PM2.5 (ug/m3) 24.2 24.7 42.2 8.5 9.9 27.3 26.6 30.6 48.8	(ug/m3) 10.9 11.8 11.4 13.3 17.8 10.0 17.0 25.7 20.4	(ug/m3) 15 14.1 13.3 18.7 10.8 8 34.8 23.1 15.3	PM2.5 (ug/m3) 11.5 13.7 9.8 12.7 11.8 9.2 20.1 24.0	(ug/m3) 12.6 12.2 8.7 10 16.5 9.2 19.3 16.7 17.2	0.24 PM2.5 (ug/m3) 20.2 25.0 17.9 18.1 19.4 16.1 25.5 25.5 25.2
1 1 1 2 2 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2	Point 1 2 3 4 5 6 7 8 9 10	Location Description East Corner of Tip Floor Rollup Door Near Residual Pile on Tip Floor Corridor Between MRF and Tip Floor (air moving from MRF to Tip Floor) Between C1450 and C520 Near C740 Near MRF Floor Sump Between C500 and Eyewash, In Front of Control Room Between D930 and C980 Between D290 and D430 Between D180 and D430 Between D180 and D430	PM2.5 (ug/m3) 27.5 28.4 15.8 20.9 13.8 12.1 19.8 23.3 27.4 16.6	PM2.5 (ug/m3) 22.5 25.8 13.5 18.1 20.3 20.4 18.9 21.4 19.9 32.9	PM2.5 (ug/m3) 17.3 43.3 32.1 25.9 18.4 20.4 34.4 20.5 21.7	PM2.5 (ug/m3) 25.2 11.8 14.1 13.7 12.2 38.4 24.8 24.7 16.7 34.5	PM2.5 (ug/m3) 27.7 31.9 23.3 17.8 40 19.5 23 33.4 42.6 51.5	(ug/m3) 23.0 38.4 27.1 33.2 33.9 22.7 67.1 42.4 51.9 22.6	PM2.5 (ug/m3) 18.9 13.3 12.0 13.5 10.4 13.6 10.5 15.7 10.2 11.6	(ug/m3) 10.8 9.4 9.0 11.3 8.9 6.3 8.6 9.7 13.1 8.8	PM2.5 (ug/m3) 19.9 38.1 7.3 12.2 22.2 6.7 16.6 19.9 16.7 17.7	PM2.5 (ug/m3) 26.9 48.2 14.6 12.7 19.4 14.5 17.0 18.7 24.7 31.5	PM2.5 (ug/m3) 18.2 44.4 19.5 46.8 32.3 17.1 23.1 35.6 32.5 39.6	PM2.5 (ug/m3) 26.3 27.0 16.0 19.1 24.4 17.7 21.9 24.1 22.5 24.5	PM2.5 (ug/m3) 16.8 12.5 10.0 18.1 22.2 11.3 14.9 21.8 28.3 30.2	PM2.5 (ug/m3) 12.6 8.7 10 16.5 9.2 19.3 16.7 17.2 29.8	(ug/m3) 23.0 38.4 27.1 33.2 33.9 22.7 67.1 42.4 51.9 22.6	(ug/m3) 34.0 24.8 40.5 10.5 12.5 22.6 31.3 38.5 48.9 29.8	PM2.5 (ug/m3) 24.2 24.7 42.2 8.5 9.9 27.3 26.6 30.6 48.8 7.3	(ug/m3) 10.9 11.8 11.4 13.3 17.8 10.0 17.0 25.7 20.4 24.3	(ug/m3) 15 14.1 13.3 18.7 10.8 8 34.8 23.1 15.3 20.5	PM2.5 (ug/m3) 11.5 13.7 9.8 12.7 11.8 9.2 20.1 24.0 19.7 21.7	(ug/m3) 12.6 12.2 8.7 10 16.5 9.2 19.3 16.7 17.2 29.8	0.24 PM2.5 (ug/m3) 20.2 25.0 17.9 18.1 19.4 16.1 25.5 25.2 27.0 25.1
1 1 2 2 1 2 2 2 2	Point 1 2 3 4 5 6 7 8 9 10 11	Location Description East Corner of Tip Floor Rollup Door Near Residual Pile on Tip Floor Corridor Between MTF and Tip Floor (air moving from MRF to Tip Floor) Between C1450 and C520 Near C740 Near MRF Floor Sump Between C500 and Eyewash, in Front of Control Room Between D930 and C980 Between D930 and D30 Between D290 and D430 Between D180 and D120 Between M140 and D101	PM2.5 (ug/m3) 27.5 28.4 15.8 20.9 13.8 12.1 19.8 23.3 27.4 16.6 16.9	PM2.5 (ug/m3) 22.5 25.8 13.5 18.1 20.3 20.4 18.9 21.4 19.9 32.9 43.5	PM2.5 (ug/m3) 17.3 43.3 32.1 25.9 18.4 20.4 34.4 20.5 21.7 18.7	PM2.5 (ug/m3) 25.2 11.8 14.1 13.7 12.2 38.4 24.8 24.7 16.7 34.5 9.3	PM2.5 (ug/m3) 27.7 31.9 23.3 17.8 40 19.5 23 33.4 42.6 51.5 43.5	(ug/m3) 23.0 38.4 27.1 33.2 33.9 22.7 67.1 42.4 51.9 22.6 65.5	PM2.5 (ug/m3) 18.9 13.3 12.0 13.5 10.4 13.6 10.5 15.7 10.2 11.6 12.7	(ug/m3) 10.8 9.4 9.0 11.3 8.9 6.3 8.6 9.7 13.1 8.8 10.4	PM2.5 (ug/m3) 19.9 38.1 7.3 12.2 22.2 6.7 16.6 19.9 16.7 17.7 22.8	PM2.5 (ug/m3) 26.9 48.2 14.6 12.7 19.4 14.5 17.0 18.7 24.7 31.5 16.4	PM2.5 (ug/m3) 18.2 44.4 19.5 46.8 32.3 17.1 23.1 35.6 32.5 39.6 43.8	PM2.5 (ug/m3) 26.3 27.0 16.0 19.1 24.4 17.7 21.9 24.1 22.5 24.5 29.5	PM2.5 (ug/m3) 16.8 12.5 10.0 18.1 22.2 11.3 14.9 21.8 28.3 30.2 30.8	PM2.5 (ug/m3) 12.6 12.2 8.7 10 16.5 9.2 19.3 16.7 17.2 29.8 23.7	(ug/m3) 23.0 38.4 27.1 33.2 33.9 22.7 67.1 42.4 51.9 22.6 65.5	(ug/m3) 34.0 24.8 40.5 10.5 12.5 22.6 31.3 38.5 48.9 29.8 15.4	PM2.5 (ug/m3) 24.2 24.7 42.2 8.5 9.9 27.3 26.6 30.6 48.8 7.3	(ug/m3) 10.9 11.8 11.4 13.3 17.8 10.0 17.0 25.7 20.4 24.3 24.4	(ug/m3) 15 14.1 13.3 18.7 10.8 8 34.8 23.1 15.3 20.5 21.6	PM2.5 (ug/m3) 11.5 13.7 9.8 12.7 11.8 9.2 20.1 24.0 19.7 21.7	(ug/m3) 12.6 12.2 8.7 10 16.5 9.2 19.3 16.7 17.2 29.8 23.7	0.24 PM2.5 (ug/m3) 20.2 25.0 17.9 18.1 19.4 16.1 25.5 25.2 27.0 25.1 27.5
1 1 1 2 2 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2	Point 1 2 3 4 5 6 7 8 9 10 11 12	Location Description East Corner of Tip Floor Rollup Door Near Residual Pile on Tip Floor Corridor Between NRF and Tip Floor (air moving from MRF to Tip Floor) Between C1450 and C520 Near C740 Near MRF Floor Sump Between C500 and Eyewash, In Front of Control Room Between D930 and C980 Between D930 and D430 Between D180 and D120 Between M140 and D101 Between M140 and D101 Between M140 and D101 Between Trommels	PM2.5 (ug/m3) 27.5 28.4 15.8 20.9 13.8 12.1 19.8 23.3 27.4 16.6 16.9	PM2.5 (ug/m3) 22.5 25.8 13.5 18.1 20.3 20.4 18.9 21.4 19.9 32.9 43.5 23.3	PM2.5 (ug/m3) 17.3 43.3 32.1 25.9 18.4 20.4 34.4 20.5 21.7 18.7 17.2	PM2.5 (ug/m3) 25.2 11.8 14.1 13.7 12.2 38.4 24.8 24.7 16.7 34.5 9.3 17.1	PM2.5 (ug/m3) 27.7 31.9 23.3 17.8 40 19.5 23 33.4 42.6 51.5 43.5 39.1	(ug/m3) 23.0 38.4 27.1 33.2 33.9 22.7 67.1 42.4 51.9 22.6 65.5 77.8	PM2.5 (ug/m3) 18.9 13.3 12.0 13.5 10.4 13.6 10.5 15.7 10.2 11.6 12.7	(ug/m3) 10.8 9.4 9.0 11.3 8.9 6.3 8.6 9.7 13.1 8.8 10.4	PM2.5 (ug/m3) 19.9 38.1 7.3 12.2 22.2 6.7 16.6 19.9 16.7 17.7 22.8 21.3	PM2.5 (ug/m3) 26.9 48.2 14.6 12.7 19.4 14.5 17.0 18.7 24.7 31.5 16.4 48.6	PM2.5 (ug/m3) 18.2 44.4 19.5 46.8 32.3 17.1 23.1 35.6 32.5 39.6 43.8 36.2	PM2.5 (ug/m3) 26.3 27.0 16.0 19.1 24.4 17.7 21.9 24.1 22.5 24.5 29.5 39.3	PM2.5 (ug/m3) 16.8 12.5 10.0 18.1 22.2 11.3 14.9 21.8 28.3 30.2 29.8	PM2.5 (ug/m3) 12.6 12.2 8.7 10 16.5 9.2 19.3 16.7 17.2 29.8 23.7 26.2	(ug/m3) 23.0 38.4 27.1 33.2 33.9 22.7 67.1 42.4 51.9 22.6 65.5 77.8	(ug/m3) 34.0 24.8 40.5 10.5 12.5 22.6 31.3 38.5 48.9 29.8 15.4 40.5	PM2.5 (ug/m3) 24.2 24.7 42.2 8.5 9.9 27.3 26.6 30.6 48.8 7.3 16.4 33.1	(ug/m3) 10.9 11.8 11.4 13.3 17.8 10.0 17.0 25.7 20.4 24.3 24.4 29.4	(ug/m3) 15 14.1 13.3 18.7 10.8 8 34.8 23.1 15.3 20.5 21.6 170.2	PM2.5 (ug/m3) 11.5 13.7 9.8 12.7 11.8 9.2 20.1 24.0 19.7 21.7 24.1	(ug/m3) 12.6 12.2 8.7 10 16.5 9.2 19.3 16.7 17.2 29.8 23.7 26.2	0.24 PM2.5 (ug/m3) 20.2 25.0 17.9 18.1 19.4 16.1 25.5 25.2 27.0 25.1 27.5 40.3
1 1 1 2 2 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2	Point 1 2 3 4 5 6 7 8 9 10 11 12	Location Description East Corner of Tip Floor Rollup Door Near Residual Pile on Tip Floor Corridor Between MTF and Tip Floor (air moving from MRF to Tip Floor) Between C1450 and C520 Near C740 Near MRF Floor Sump Between C500 and Eyewash, in Front of Control Room Between D930 and C980 Between D930 and D30 Between D290 and D430 Between D180 and D120 Between M140 and D101	PM2.5 (ug/m3) 27.5 28.4 15.8 20.9 13.8 12.1 19.8 23.3 27.4 16.6 16.9	PM2.5 (ug/m3) 22.5 25.8 13.5 18.1 20.3 20.4 18.9 21.4 19.9 32.9 43.5	PM2.5 (ug/m3) 17.3 43.3 32.1 25.9 18.4 20.4 34.4 20.5 21.7 18.7	PM2.5 (ug/m3) 25.2 11.8 14.1 13.7 12.2 38.4 24.8 24.7 16.7 34.5 9.3	PM2.5 (ug/m3) 27.7 31.9 23.3 17.8 40 19.5 23 33.4 42.6 51.5 43.5	(ug/m3) 23.0 38.4 27.1 33.2 33.9 22.7 67.1 42.4 51.9 22.6 65.5	PM2.5 (ug/m3) 18.9 13.3 12.0 13.5 10.4 13.6 10.5 15.7 10.2 11.6 12.7	(ug/m3) 10.8 9.4 9.0 11.3 8.9 6.3 8.6 9.7 13.1 8.8 10.4	PM2.5 (ug/m3) 19.9 38.1 7.3 12.2 22.2 6.7 16.6 19.9 16.7 17.7 22.8	PM2.5 (ug/m3) 26.9 48.2 14.6 12.7 19.4 14.5 17.0 18.7 24.7 31.5 16.4	PM2.5 (ug/m3) 18.2 44.4 19.5 46.8 32.3 17.1 23.1 35.6 32.5 39.6 43.8	PM2.5 (ug/m3) 26.3 27.0 16.0 19.1 24.4 17.7 21.9 24.1 22.5 24.5 29.5	PM2.5 (ug/m3) 16.8 12.5 10.0 18.1 22.2 11.3 14.9 21.8 28.3 30.2 30.8	PM2.5 (ug/m3) 12.6 12.2 8.7 10 16.5 9.2 19.3 16.7 17.2 29.8 23.7	(ug/m3) 23.0 38.4 27.1 33.2 33.9 22.7 67.1 42.4 51.9 22.6 65.5	(ug/m3) 34.0 24.8 40.5 10.5 12.5 22.6 31.3 38.5 48.9 29.8 15.4	PM2.5 (ug/m3) 24.2 24.7 42.2 8.5 9.9 27.3 26.6 30.6 48.8 7.3	(ug/m3) 10.9 11.8 11.4 13.3 17.8 10.0 17.0 25.7 20.4 24.3 24.4	(ug/m3) 15 14.1 13.3 18.7 10.8 8 34.8 23.1 15.3 20.5 21.6	PM2.5 (ug/m3) 11.5 13.7 9.8 12.7 11.8 9.2 20.1 24.0 19.7 21.7	(ug/m3) 12.6 12.2 8.7 10 16.5 9.2 19.3 16.7 17.2 29.8 23.7	0.24 PM2.5 (ug/m3) 20.2 25.0 17.9 18.1 19.4 16.1 25.5 25.2 27.0 25.1 27.5 40.3 30.2
1 1 1 2 2 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2	Point 1 2 3 4 5 6 7 8 9 10 11 12	Location Description East Corner of Tip Floor Rollup Door Near Residual Pile on Tip Floor Corridor Between NRF and Tip Floor (air moving from MRF to Tip Floor) Between C1450 and C520 Near C740 Near MRF Floor Sump Between C500 and Eyewash, In Front of Control Room Between D930 and C980 Between D930 and D430 Between D180 and D120 Between M140 and D101 Between M140 and D101 Between M140 and D101 Between Trommels	PM2.5 (ug/m3) 27.5 28.4 15.8 20.9 13.8 12.1 19.8 23.3 27.4 16.6 16.9 30.7 34.2	PM2.5 (ug/m3) 22.5 25.8 13.5 18.1 20.3 20.4 18.9 21.4 19.9 32.9 43.5 23.3 44.6	PM2.5 (ug/m3) 17.3 43.3 32.1 25.9 18.4 20.4 34.4 20.5 21.7 18.7 17.2 32.5 32.5	PM2.5 (ug/m3) 25.2 11.8 14.1 13.7 12.2 38.4 24.7 16.7 34.5 9.3 17.1 26.3	PM2.5 (ug/m3) 27.7 23.3 17.8 40 19.5 33.4 42.6 54.5 43.5 39.1 38.2	(ug/m3) 23.0 38.4 27.1 33.2 33.9 22.7 67.1 42.4 51.9 22.6 65.5 77.8 19.9	PM2.5 (ug/m3) 18.9 13.3 12.0 13.5 10.4 13.6 10.5 15.7 10.2 11.6 12.7 12.3	(ug/m3) 10.8 9.4 9.0 11.3 8.9 6.3 8.6 9.7 13.1 8.8 10.4 7.3 9.3	PM2.5 (ug/m3) 19.9 38.1 12.2 22.2 6.7 16.6 19.9 16.7 17.7 22.8 21.3 32.7	PM2.5 (ug/m3) 26.9 48.2 14.6 12.7 19.4 14.5 17.0 18.7 24.7 31.5 16.4 48.6 50.2	PM2.5 (ug/m3) 18.2 44.4 19.5 46.8 32.3 17.1 23.1 35.6 32.5 39.6 43.8 36.2 44.2	PM2.5 (ug/m3) 26.3 27.0 16.0 19.1 24.4 17.7 21.9 24.1 22.5 24.5 29.5 39.3 34.0	PM2.5 (ug/m3) 16.8 12.5 10.0 18.1 22.2 11.3 14.9 21.8 28.3 30.2 30.8 29.8 28.9	PM2.5 (ug/m3) 12.6 12.2 8.7 10 16.5 9.2 19.3 16.7 17.2 29.8 23.7 26.2 42.3	(ug/m3) 23.0 38.4 27.1 33.2 33.9 22.7 67.1 42.4 51.9 22.6 65.5 77.8 19.9	(ug/m3) 34.0 24.8 40.5 10.5 12.5 22.6 31.3 38.5 48.9 29.8 15.4 40.5	PM2.5 (ug/m3) 24.2 24.7 42.2 8.5 9.9 27.3 26.6 30.6 48.8 7.3 16.4 33.1 40.5	(ug/m3) 10.9 11.8 11.4 13.3 17.8 10.0 17.0 25.7 20.4 24.3 24.4 29.4 15.6	(ug/m3) 15 14.1 13.3 18.7 10.8 8 34.8 23.1 15.3 20.5 21.6 170.2 34.4	PM2.5 (ug/m3) 11.5 9.8 12.7 12.7 20.1 24.0 19.7 21.7 24.1 27.0 12.5	(ug/m3) 12.6 12.2 8.7 10 16.5 9.2 19.3 16.7 17.2 29.8 23.7 26.2 42.3	0.24 PM2.5 (ug/m3) 20.2 25.0 17.9 18.1 19.4 16.1 25.5 25.2 27.0 25.1 27.5 40.3 30.2 24.4
1 1 1 2 2 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2	Point 1 2 3 4 5 6 7 8 9 10 11 12	Location Description East Corner of Tip Floor Rollup Door Near Residual Pile on Tip Floor Corridor Between NRF and Tip Floor (air moving from MRF to Tip Floor) Between C1450 and C520 Near C740 Near MRF Floor Sump Between C500 and Eyewash, in Front of Control Room Between D930 and O430 Between D930 and D430 Between D180 and D120 Between M140 and D101 Between M140 sond D101 Between Trommels Between AWS 550s	PM2.5 (ug/m3) 27.5 28.4 15.8 20.9 11.1 19.8 23.3 27.4 16.6 16.9 30.7 34.2	PM2.5 (ug/m3) 22.5 22.5 13.5 18.1 20.3 20.4 18.9 21.4 19.9 32.9 43.5 23.3 44.6	PM2.5 (ug/m3) 17.3 43.3 32.1 25.9 18.4 20.4 34.4 20.5 21.7 18.7 17.2 32.5 32.5	PM2.5 (ug/m3) 25.2 11.8 14.1 13.7 12.2 38.4 24.7 16.7 34.5 9.3 17.1 26.3	PM2.5 (ug/m3) 27.7 31.9 23.3 17.8 40 19.5 23 33.4 42.6 51.5 43.5 39.1 38.2	(ug/m3) 23.0 38.4 27.1 33.2 33.9 22.7 67.1 42.4 51.9 22.6 65.5 77.8 19.9	PM2.5 (ug/m3) 18.9 13.3 12.0 13.5 10.4 10.5 15.7 10.5 15.7 10.2 11.6 12.7 12.3 12.5	(ug/m3) 10.8 9.4 9.0 11.3 8.9 6.3 8.6 9.7 13.1 8.8 10.4 7.3 9.3	PM2.5 (ug/m3) 19.9 38.1 7.3 12.2 6.7 16.6 19.9 16.7 17.7 22.8 21.3 32.7	PM2.5 (ug/m3) 26.9 48.2 14.6 12.7 19.4 14.5 17.0 18.7 24.7 31.5 16.4 48.6 50.2	PM2.5 (ug/m3) 18.2 44.4 19.5 46.8 32.3 17.1 23.1 35.6 32.5 39.6 43.8 36.2 44.2	PM2.5 (ug/m3) 26.3 27.0 16.0 19.1 24.1 21.9 24.1 22.5 29.5 39.3 34.0	PM2.5 (ug/m3) 16.8 12.5 10.0 18.1 22.2 11.3 14.9 21.8 23.3 20.2 30.8 29.8 28.9	PM2.5 (ug/m3) 12.6 12.2 8.7 10 16.5 9.2 19.3 16.7 17.2 29.8 23.7 26.2 42.3	(ug/m3) 23.0 38.4 27.1 33.2 33.9 22.7 67.1 42.4 42.4 51.9 22.6 65.5 77.8 19.9	(ug/m3) 34.0 24.8 40.5 10.5 12.5 22.6 31.3 38.5 48.9 29.8 15.4 40.5 19.2	PM2.5 (ug/m3) 2/4.2 24.7 42.2 8.5 9.9 27.3 26.6 30.6 48.8 7.3 16.4 33.1 40.5	(ug/m3) 10.9 11.8 11.4 13.3 17.8 10.0 17.0 25.7 20.4 24.3 24.4 29.4 15.6	(ug/m3) 15 14.1 13.3 18.7 10.8 8 34.8 23.1 15.3 20.5 21.6 170.2 34.4	PM2.5 (ug/m3) 11.5 13.7 9.8 12.7 11.8 9.2 20.1 20.1 19.7 21.7 24.0 12.7 27.0 12.5	(ug/m3) 12.6 12.2 8.7 10 16.5 9.2 19.3 16.7 17.2 29.8 23.7 26.2 42.3	0.24 PM2.5 (ug/m3) 20.2 25.0 17.9 18.1 19.4 16.1 25.5 25.2 27.0 25.1 40.3 30.2 24.4 PM10
1 1 1 2 2 2 1 2 2 2 2 2 2 2 2 2 2 2 2 2	Point 1 2 3 4 5 6 7 8 9 10 11 12 13	Location Description East Corner of Tip Floor Rollup Door Near Residual Pile on Tip Floor Corridor Between MRF and Tip Floor (air moving from MRF to Tip Floor) Between C1450 and C520 Near C740 Near MRF Floor Sump Between C500 and Eyewash, In Front of Control Room Between D930 and C980 Between D930 and D430 Between D180 and D120 Between D180 and D101 Between T404 and D101 Between T404 and D101 Between T405 and D101 Between AWS 550s Location Description	PM2.5 (ug/m3) 27.5 28.4 15.8 20.9 13.8 12.1 19.8 23.3 27.4 16.6 13.0 3.0 3.0 4.2	PM2.5 (ug/m3) 22.5 25.8 13.5 18.1 20.3 20.4 18.9 21.4 19.9 32.9 43.5 23.3 44.6	PM2.5 (ug/m3) 17.3 43.3 32.1 25.9 18.4 20.4 34.4 20.5 21.7 18.7 17.2 32.5 32.5	PM2.5 (ug/m3) 25.2 11.8 14.1 13.7 12.2 38.4 24.7 16.7 34.5 9.3 17.1 26.3	PM2.5 (ug/m3) 23.7 23.3 17.8 40 19.5 23 33.4 42.6 51.5 43.5 39.1 38.2 PM10 (ug/m3)	(ug/m3) 23.0 38.4 27.1 33.2 33.9 22.7 67.1 42.4 51.9 22.6 65.5 77.8 19.9 PM10 (ug/m3)	PM2.5 (ug/m3) 18.9 12.0 13.5 10.4 13.6 10.5 15.7 10.2 11.6 12.7 12.3 12.5 PM10 (ug/m3)	(ug/m3) 10.8 9.4 9.0 11.3 8.9 6.3 8.6 9.7 13.1 8.8 10.4 7.3 9.3	PM2.5 (ug/m3) 19.9 17.3 12.2 22.2 6.7 16.6 19.9 16.7 17.7 22.8 21.3 32.7 PM10 (ug/m3)	PM2.5 (ug/m3) 26.9 24.9 14.6 12.7 19.4 14.5 17.0 18.7 24.7 31.5 48.6 50.2	PM2.5 (ug/m3) 18.2 44.4 19.5 46.8 32.3 17.1 23.1 35.6 32.5 39.6 43.8 36.2 44.2	PM2.5 (ug/m3) 26.7 26.7 16.0 19.1 24.4 17.7 21.9 24.1 22.5 29.5 39.3 34.0 PM10 (ug/m3)	PM2.5 (ug/m3) 16.8 12.5 10.0 18.1 22.2 11.3 14.9 21.8 28.3 30.2 30.8 28.9 PM10 (ug/m3)	PM2.5 (ug/m3) 12.6 12.2 8.7 10 16.5 9.2 19.3 16.7 17.2 29.8 23.7 26.2 42.3	(ug/m3) 23.0 38.4 27.1 33.2 33.9 22.7 67.1 42.4 51.9 22.6 65.5 77.8 19.9	(ug/m3) 34.0 24.8 40.5 10.5 12.5 22.6 31.3 38.5 48.9 29.8 15.4 40.5 19.2 PM10 (ug/m3)	PM2.5 (ug/m3) 24.2 24.7 42.2 8.5 9.9 27.3 26.6 30.6 48.8 7.3 16.4 40.5 PM10 (ug/m3)	(ug/m3) 10.9 11.8 11.4 13.3 17.8 10.0 17.0 25.7 20.4 24.3 24.4 29.4 15.6	(ug/m3) 15 14.1 13.3 18.7 10.8 8 23.1 15.3 20.5 21.6 170.2 34.4 PM10 (ug/m3)	PM2.5 (ug/m3) 11.5 13.7 9.8 12.7 11.8 9.2 20.1 24.0 19.7 21.7 24.1 27.0 12.5	(ug/m3) 12.6 12.2 8.7 10 16.5 9.2 19.3 16.7 17.2 29.8 23.7 26.2 42.3	0.24 PM2.5 (ug/m3) 20.2 25.0 17.9 18.1 19.4 16.1 25.5 25.2 27.0 25.1 27.5 40.3 30.2 24.4 PM10 (ug/m3)
1 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	Point 1 2 3 4 4 5 5 6 6 7 8 8 9 10 11 12 13 Point 1	Location Description East Corner of Tip Floor Rollup Door Near Residual Pile on Tip Floor Corridor Between MRF and Tip Floor (air moving from MRF to Tip Floor) Between C1450 and C520 Near C740 Near MRF Floor Sump Between C900 and Eyewash, In Front of Control Room Between D930 and C980 Between D930 and O300 Between D180 and D120 Between M140 and D101 Between Trommels Between Trommels Between AWS 550s Location Description East Corner of Tip Floor Rollup Door	PM2.5 (ug/m3) 27.5 28.4 15.8 20.9 13.8 12.1 19.8 23.3 27.4 16.6 16.9 30.7 34.2	PM2.5 (ug/m3) 22.5 25.8 13.5 18.1 20.3 20.4 18.9 21.4 19.9 32.9 43.5 23.3 44.6	PM2.5 (ug/m3) 17.3 43.3 32.1 25.9 18.4 20.4 34.4 20.5 21.7 18.7 17.2 32.5 PM10 (ug/m3) 27.5	PM2.5 (ug/m3) 25.2 11.8 14.1 13.7 12.2 38.4 24.8 24.7 16.7 34.5 9.3 17.1 26.3 PM10 (ug/m3) 35.5	PM2.5 (ug/m3) 27.7 31.9 23.3 17.8 40 19.5 23 42.6 51.5 43.5 33.1 38.2 PM10 (ug/m3) 38.9	(ug/m3) 23.0 38.4 27.1 33.2 33.9 22.7 67.1 42.4 51.9 22.6 65.5 77.8 19.9 PM10 (ug/m3) 36.9	PM2.5 (ug/m3) 18.9 13.3 12.0 13.5 10.4 13.6 10.5 15.7 10.2 11.6 12.7 12.3 12.5 PM10 (ug/m3) 27.4	(ug/m3) 10.8 9.4 9.0 11.3 8.9 6.3 8.6 9.7 13.1 8.8 10.4 7.3 9.3	PM2.5 (ug/m3) 19.9 38.1 7.3 12.2 22.2 6.7 16.6 19.9 16.7 17.7 22.8 21.3 32.7 PM10 (ug/m3) 30.7	PM2.5 (ug/m3) 26.9 48.2 14.6 12.7 19.4 14.5 17.0 18.7 24.7 31.5 16.4 48.6 50.2	PM2.5 (ug/m3) 18.2 44.4 19.5 46.8 32.3 17.1 23.1 35.6 32.5 39.6 43.8 36.2 44.2 PM10 (ug/m3) 28.4	PM2.5 (ug/m3) 26.3 27.0 16.0 19.1 24.4 17.7 21.9 24.1 22.5 24.5 29.5 39.3 34.0 PM10 (ug/m3) 41.4	PM2.5 (ug/m3) 16.8 12.5 10.0 18.1 22.2 11.3 14.9 21.8 30.2 30.8 29.8 28.9 PM10 (ug/m3) 23.1	PM2.5 (ug/m3) 12.6 12.2 8.7 10 16.5 9.2 19.3 16.7 17.2 29.8 23.7 26.2 42.3 PM10 (ug/m3) 20.1	(ug/m3) 23.0 38.4 27.1 33.2 33.9 22.7 67.1 42.4 51.9 22.6 65.5 77.8 19.9 PM10 (ug/m3) 36.9	(ug/m3) 34.0 24.8 40.5 10.5 12.5 22.6 31.3 38.5 48.9 29.8 15.4 40.5 19.2	PM2.5 (ug/m3) 24.2 24.7 42.2 8.5 9.9 27.3 26.6 30.6 48.8 7.3 16.4 33.1 40.5 PM10 (ug/m3) 44.4	(ug/m3) 10.9 11.8 11.4 13.3 17.8 10.0 17.0 25.7 20.4 24.3 24.4 15.6 PM10 (ug/m3)	(ug/m3) 15 14.1 13.3 18.7 10.8 8 34.8 23.1 15.3 20.5 21.6 170.2 34.4	PM2.5 (ug/m3) 11.5 13.7 9.8 12.7 11.8 9.2 20.1 24.0 19.7 21.7 24.1 27.0 11.25 PM10 (ug/m3) 19.1	(ug/m3) 12.6 12.2 8.7 10 16.5 9.2 19.3 16.7 17.2 29.8 23.7 26.2 42.3	0.24 PM2.5 (ug/m3) (ug/m3) 20.2 25.0 17.9 18.1 19.4 16.1 25.5 25.2 27.0 40.3 30.2 24.4 PM10 (ug/m3) 30.0
1 1 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	Point 1 2 3 4 4 5 6 6 7 8 8 9 10 11 12 13 Point 1 2 2	Location Description East Corner of Tip Floor Rollup Door Near Residual Pile on Tip Floor Corridor Between NRF and Tip Floor (air moving from MRF to Tip Floor) Between C1450 and C520 Near C740 Near MRF Floor Sump Between C500 and Eyewash, In Front of Control Room Between D930 and C980 Between D930 and D930 Between D180 and D120 Between D180 and D120 Between M140 and D101 Between Trommels Between AWS 550s Location Description East Corner of Tip Floor Rollup Door Near Residual Pile on Tip Floor	PM2.5 (ug/m3) 27.5 28.4 15.8 20.9 13.8 12.1 19.8 23.3 27.4 16.6 16.9 30.7 34.2 PM10 (ug/m3) 44.1	PM2.5 (ug/m3) 22.5 25.8 13.5 18.1 20.3 20.4 18.9 21.4 19.9 32.9 43.5 23.3 44.6 PM10 (ug/m3) 29.1	PM2.5 (ug/m3) 17.3 43.3 32.1 25.9 18.4 20.4 34.4 20.5 21.7 17.2 32.5 32.5 PM10 (ug/m3) 27.18	PM2.5 (ug/m3) 25.2 11.8 14.1 13.7 12.2 38.4 24.7 16.7 34.5 9.3 17.1 26.3 PM10 (ug/m3) 35.5 18.9	PM2.5 (ug/m3) 27.7 31.9 23.3 17.8 40 19.5 23 33.4 42.6 51.5 43.5 39.1 38.2 PM10 (ug/m3) 38.9	(ug/m3) 23.0 38.4 27.1 33.2 33.9 22.7 67.1 42.4 51.9 22.6 65.5 77.8 19.9 PM10 (ug/m3) 36.9 62.7	PM2.5 (ug/m3) 13.3 12.0 13.5 10.4 13.6 10.5 15.7 10.2 11.6 12.7 12.3 12.5 PM10 (ug/m3) 27.4 19.7	(ug/m3) 10.8 9.4 9.0 11.3 8.9 6.3 8.6 9.7 13.1 8.8 10.4 7.3 9.3 PM10 (ug/m3) 16.0 13.8	PM2.5 (ug/m3) 19.9 38.1 7.3 12.2 22.2 6.7 16.6 19.9 16.7 17.7 22.8 21.3 32.7 PM10 (ug/m3) 36.1	PM2.5 (ug/m3) 26.9 48.2 14.6 12.7 19.4 14.5 17.0 18.7 24.7 31.5 16.4 48.6 50.2 PM10 (ug/m3) 50.5 72.1	PM2.5 (ug/m3) 18.2 44.4 19.5 46.8 32.3 17.1 23.1 35.6 32.5 39.6 43.8 36.2 44.2 PM10 (ug/m3) 28.4 73.7	PM2.5 (ug/m3) 26.3 27.0 16.0 19.1 24.4 17.7 21.9 24.1 22.5 24.5 29.5 39.3 34.0 PM10 (ug/m3) 41.4 42.4	PM2.5 (ug/m3) 16.8 12.5 10.0 18.1 22.2 11.3 14.9 21.8 28.3 30.2 29.8 28.9 PM10 (ug/m3) 23.1 19.7	PM2.5 (ug/m3) 12.6 12.2 8.7 10 16.5 9.2 19.3 16.7 17.2 29.8 23.7 25.2 42.3 PM10 (ug/m3) 20.1	(ug/m3) 23.0 38.4 27.1 33.2 33.9 22.7 67.1 42.4 51.9 22.6 65.5 77.8 19.9 PM10 (ug/m3) 62.7	(ug/m3) 34.0 24.8 40.5 10.5 12.5 22.6 31.3 38.5 48.9 15.4 40.5 19.2 PM10 (ug/m3) 20.1 26.5	PM2.5 (ug/m3) 24.2 24.7 42.2 8.5 9.9 27.3 26.6 30.6 48.8 7.3 16.4 33.1 40.5 PM10 (ug/m3) 44.4	(ug/m3) 10.9 11.8 11.4 13.3 17.8 10.0 17.0 25.7 20.4 24.3 24.4 29.4 15.6 PMI0 (ug/m3) 16.5 18.1	(ug/m3) 15 14.1 13.3 18.7 10.8 8 34.8 23.1 15.3 20.5 21.6 170.2 34.4 PM10 (ug/m3) 23.3 21.3	PM2.5 (ug/m3) 11.5 13.7 9.8 12.7 11.8 9.2 20.1 24.0 19.7 21.7 24.1 27.0 12.5 PM10 (ug/m3) 19.1	(ug/m3) 12.6 12.2 8.7 10 16.5 9.2 19.3 16.7 17.2 29.8 23.7 26.2 42.3 PM10 (ug/m3) 2/m3	0.24 PM2.5 (ug/m3) 20.2 25.0 17.9 18.1 19.4 16.1 25.5 25.2 27.0 25.1 27.5 40.3 30.2 24.4 PM10 (ug/m3) 30.0 39.5
1 1 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	Point 1 2 3 4 5 6 6 7 7 8 8 9 10 11 12 13 Point 1 2 2 3	Location Description East Corner of Tip Floor Rollup Door Near Residual Pile on Tip Floor Corridor Between MRF and Tip Floor (air moving from MRF to Tip Floor) Between C1450 and C520 Near C740 Near MRF Floor Sump Between C500 and Eyewash, In Front of Control Room Between D930 and C980 Between D930 and D430 Between D180 and D120 Between D180 and D120 Between M140 and D101 Between M40 and D101 Between AWS 550s Location Description East Corner of Tip Floor Rollup Door Near Residual Pile on Tip Floor Corridor Between MRF and Tip Floor)	PM2.5 (ug/m3) 27.5 28.4 15.8 20.9 13.8 12.1 19.8 23.3 27.4 16.6 16.9 30.7 34.2 PM10 (ug/m3) 43.7 44.1	PM2.5 (ug/m3) 22.5 25.8 13.5 18.1 20.3 20.4 18.9 21.4 19.9 32.9 43.5 23.3 44.6 PM10 (ug/m3) 29.1 44.0	PM2.5 (ug/m3) 17.3 43.3 32.1 25.9 18.4 20.4 34.4 20.5 21.7 18.7 17.2 32.5 32.5 27.5 71.8	PM2.5 (ug/m3) 25.2 11.8 14.1 13.7 12.2 38.4 24.8 24.7 16.7 34.5 9.3 17.1 26.3 PM10 (ug/m3) 35.5 18.9	PM2.5 (ug/m3) 27.7 31.9 23.3 17.8 40 19.5 23 33.4 42.6 51.5 43.5 39.1 38.2 PM10 (ug/m3) 38.9 44.9	(ug/m3) 23.0 38.4 27.1 33.2 33.9 22.7 67.1 42.4 51.9 22.6 65.5 77.8 19.9 PM10 (ug/m3) 36.9 62.7 45.1	PM2.5 (ug/m3) 18.9 13.3 12.0 13.5 10.4 13.6 10.5 15.7 10.2 11.6 12.7 12.3 12.5 PM10 (ug/m3) 27.4 19.7	(ug/m3) 10.8 9.4 9.0 11.3 8.9 6.3 8.6 9.7 13.1 8.8 10.4 7.3 9.3 PM10 (ug/m3) 16.0 13.8 13.1	PM2.5 (ug/m3) 19.9 38.1 7.3 12.2 22.2 6.7 16.6 19.9 16.7 17.7 22.8 21.3 32.7 PM10 (ug/m3) 30.7 61.4 9.6	PM2.5 (ug/m3) 26.9 48.2 14.6 12.7 19.4 14.5 17.0 18.7 24.7 31.5 16.4 48.6 50.2 PM10 (ug/m3) 50.5 72.1 22.0	PM2.5 (ug/m3) 18.2 44.4 19.5 46.8 32.3 17.1 23.1 35.6 32.5 39.6 43.8 36.2 44.2 PM10 (ug/m3) 28.4 73.7	PM2.5 (ug/m3) 26.3 27.0 16.0 19.1 24.4 17.7 21.9 24.1 22.5 24.5 29.5 39.3 34.0 PM10 (ug/m3) 41.4 42.4 23.4	PM2.5 (ug/m3) 16.8 12.5 10.0 18.1 22.2 11.3 14.9 21.8 28.3 30.2 30.2 30.8 29.8 29.8 29.9 PM10 (ug/m3) 23.1 19.7 13.6	PM2.5 (ug/m3) 12.6 12.2 8.7 10 16.5 9.2 19.3 16.7 17.2 29.8 23.7 26.2 42.3 PM10 (ug/m3) 20.1 18.2	(ug/m3) 23.0 38.4 27.1 33.2 33.9 22.7 67.1 42.4 51.9 22.6 65.5 77.8 19.9 PM10 (ug/m3) 36.9 62.7	(ug/m3) 34.0 24.8 40.5 10.5 12.5 22.6 31.3 38.5 29.8 15.4 40.5 19.2 PM10 (ug/m3) 20.1 26.5 28.4	PM2.5 (ug/m3) 24.2 24.7 42.2 8.5 9.9 27.3 26.6 30.6 48.8 7.3 16.4 33.1 40.5 PM10 (ug/m3) 44.4 52.4	(ug/m3) 10.9 11.8 11.4 13.3 17.8 10.0 17.0 25.7 20.4 24.3 24.4 29.4 15.6 PM10 (ug/m3) 16.5 18.1	(ug/m3) 15 14.1 13.3 18.7 10.8 8 34.8 23.1 15.3 20.5 21.6 170.2 34.4 PM10 (ug/m3) 23.3 21.3 21.6	PM2.5 (ug/m3) 11.5 13.7 9.8 12.7 11.8 9.2 20.1 24.0 19.7 21.7 24.1 27.0 12.5 PM10 (ug/m3) 19.1 18.9 17.2	(ug/m3) 12.6 12.2 8.7 10 16.5 9.2 19.3 16.7 17.2 29.8 23.7 26.2 42.3	0.24 PM2.5 (ug/m3) 20.2 25.0 17.9 18.1 19.4 16.1 25.5 25.2 27.0 25.1 27.5 40.3 30.2 24.4 PM10 (ug/m3) 30.0 39.5
1 1 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 1	Point 1 2 3 4 4 5 5 6 6 7 8 8 9 10 11 12 13 Point 1 2 3 3 4 4	Location Description East Corner of Tip Floor Rollup Door Near Residual Pile on Tip Floor Corridor Between MRF and Tip Floor (air moving from MRF to Tip Floor) Between C1450 and C520 Near C740 Near C740 Near C740 Near C750 and Eyewash, in Front of Control Room Between C500 and Eyewash, in Front of Control Room Between D390 and D430 Between D390 and D430 Between D180 and D120 Between D180 and D120 Between MVS 505 Location Description East Corner of Tip Floor Rollup Door Near Residual Pile on Tip Floor Corridor Between MRF and Tip Floor (air moving from MRF to Tip Floor) Between Corridor Between MRF and Tip Floor (Between MRF to Tip Floor) Between Corridor Between MRF and Tip Floor (Between MRF to Tip Floor) Between C1450 and C520	PM2.5 (ug/m3) 27.5 28.4 15.8 20.9 13.8 12.1 19.8 23.3 27.4 16.6 16.9 30.7 34.2 PM10 (ug/m3) 43.7 44.1 25.0 32.1	PM2.5 (ug/m3) 22.5 25.8 13.5 18.1 20.3 20.4 18.9 21.4 19.9 32.9 43.5 23.3 44.6 (ug/m3) 29.1 44.0 23.0 29.8	PM2.5 (ug/m3) 17.3 43.3 32.1 25.9 18.4 20.4 34.4 20.5 21.7 17.2 32.5 32.5 32.5 9 PM10 (ug/m3) 27.5 71.8 53.4 41.8	PM2.5 (ug/m3) 25.2 11.8 14.1 12.2 38.4 24.8 24.7 16.7 34.5 9.3 17.1 26.3 PM10 (ug/m3) 35.5 18.9 37.8	PM2.5 (ug/m3) 27.7 31.9 23.3 17.8 40 19.5 23 33.4 42.6 51.5 43.5 39.1 38.9 PM10 (ug/m3) 38.9 47.9 46.1 26.6	(ug/m3) 23.0 38.4 27.1 33.2 33.9 22.7 67.1 42.4 51.9 22.6 65.5 77.8 19.9 PM10 (ug/m3) 36.9 62.7 45.1 52.1	PM2.5 (ug/m3) 13.3 12.0 13.5 10.4 13.6 10.5 15.7 10.2 11.6 12.7 12.3 12.5 PM10 (ug/m3) 27.4 19.7 17.9	(ug/m3) 10.8 9.4 9.0 9.0 11.3 8.9 6.3 8.6 9.7 13.1 8.8 10.4 7.3 9.3 PM10 (ug/m3) 16.0 13.8 13.1 17.8	PM2.5 (ug/m3) 19.9 38.1 7.3 12.2 22.2 6.7 16.6 19.9 16.7 22.8 21.3 32.7 PM10 (ug/m3) 30.7 61.4 9.6	PM2.5 (ug/m3) 26.9 48.2 14.6 12.7 19.4 14.5 17.0 18.7 24.7 31.5 16.4 48.6 50.2 PM10 (ug/m3) 50.5 72.1 22.0 21.4	PM2.5 (ug/m3) 18.2 44.4 19.5 46.8 32.3 17.1 35.6 32.5 39.6 43.8 36.2 44.2 PM10 (ug/m3) 28.4 73.7 30.7 82.0	PM2.5 (ug/m3) 26.3 27.0 16.0 19.1 24.4 17.7 21.9 24.1 22.5 29.5 39.3 34.0 (ug/m3) 41.4 42.4 23.4 30.1	PM2.5 (ug/m3) 16.8 12.5 10.0 18.1 22.2 11.3 30.2 30.8 29.8 28.9 PM10 (ug/m3) 23.1 19.7 13.6	PM2.5 (ug/m3) 12.6 12.2 8.7 10 16.5 9.2 19.3 16.7 17.2 29.8 23.7 26.2 42.3 PM10 (ug/m3) 20.1 18.2 15.1	(ug/m3) 23.0 38.4 27.1 33.2 33.9 22.7 67.1 42.4 51.9 22.6 65.5 77.8 19.9 PM10 (ug/m3) 36.9 62.7 45.1	(ug/m3) 34.0 24.8 40.5 10.5 12.5 22.6 31.3 38.5 48.9 29.8 15.4 40.5 19.2 PM10 (ug/m3) 20.1 26.5 28.4	PM2.5 (ug/m3) 24.2 24.7 42.2 8.5 9.9 27.3 26.6 48.8 7.3 16.4 433.1 40.5 PM10 (ug/m3) 44.4 52.4 90.5	(ug/m3) 10.9 11.8 11.4 13.3 17.8 10.0 17.0 25.7 20.4 24.3 24.4 29.4 15.6 PM10 (ug/m3) 16.5 18.1 16.9 19.6	(ug/m3) 15 14.1 13.3 18.7 10.8 8 34.8 23.1 15.3 20.5 21.6 170.2 34.4 PM10 (ug/m3) 23.3 21.3 19.6 28.6	PM2.5 (ug/m3) 11.5 13.7 9.8 12.7 11.8 9.2 20.1 24.0 19.7 24.1 27.0 12.5 PM10 (ug/m3) 19.1 18.9 17.2 21.7	(ug/m3) 12.6 12.2 8.7 10 16.5 9.2 19.3 16.7 17.2 29.8 23.7 26.2 42.3 PM10 (ug/m3) 20.1 18.2 15.1 14.7	0.24 PM2.5 (ug/m3) 20.2 25.0 17.9 18.1 19.4 16.1 25.5 27.0 25.1 27.5 40.3 30.2 24.4 PM10 (ug/m3) 30.0 39.5 29.0
1 1 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 1	Point 1 2 3 4 4 5 5 6 6 7 8 8 9 10 11 12 13 3 4 4 5 5	Location Description East Corner of Tip Floor Rollup Door Near Residual Pile on Tip Floor Corridor Between NRF and Tip Floor (air moving from MRF to Tip Floor) Between C1450 and C520 Near C740 Near MRF Floor Sump Between C500 and Eyewash, In Front of Control Room Between D930 and C980 Between D930 and D430 Between D180 and D120 Between D180 and D120 Between D180 and D101 Between M140 and D101 Between AWS 550s Location Description East Corner of Tip Floor Rollup Door Near Residual Pile on Tip Floor Corridor Between MRF and Tip Floor (air moving from MRF to Tip Floor) Between C1450 and C520 Near C740	PM2.5 (ug/m3) 27.5 28.4 15.8 20.9 13.8 12.1 19.8 23.3 27.4 16.6 16.9 30.7 34.2 PM10 (ug/m3) 43.7 44.1 25.0 32.1 21.3	PM2.5 (ug/m3) 22.5 25.8 13.5 18.1 20.3 20.4 18.9 21.4 19.9 32.9 43.5 23.3 44.6 PM10 (ug/m3) 29.1 44.0 23.0 29.8 30.4	PM2.5 (ug/m3) 17.3 43.3 32.1 25.9 18.4 20.4 34.4 20.5 21.7 18.7 17.2 32.5 32.5 21.7 17.2 32.5 32.5 27.5 41.6 41.6 41.6 41.6 41.6 41.6 41.6 41.6	PM2.5 (ug/m3) 25.2 11.8 14.1 13.7 12.2 38.4 24.7 16.7 34.5 9.3 17.1 26.3 PM10 (ug/m3) 35.5 18.9 37.8 18.9	PM2.5 (ug/m3) 27.7 31.9 23.3 17.8 40 19.5 23 33.4 42.6 51.5 43.5 43.5 43.5 43.5 44.6 10.0 (ug/m3) 38.9 47.9 46.1 26.6 66.7	(ug/m3) 23.0 38.4 27.1 33.2 33.9 22.7 67.1 42.4 51.9 22.6 65.5 77.8 19.9 PM10 (ug/m3) 36.9 62.7 45.1 52.1 51.8	PM2.5 (ug/m3) 18.9 13.3 12.0 13.5 10.4 13.6 10.5 15.7 10.2 11.6 12.7 12.3 12.5 PM10 (ug/m3) 27.4 19.7 17.9 19.2	(ug/m3) 10.8 9.4 9.0 11.3 8.9 6.3 8.6 9.7 13.1 10.4 7.3 9.3 PM10 (ug/m3) 16.0 13.8 13.1 17.8	PM2.5 (ug/m3) 19.9 38.1 7.3 12.2 22.2 6.7 16.6 19.9 16.7 17.7 22.8 21.3 32.7 PM10 (ug/m3) 30.7 61.4 9.6 19.5	PM2.5 (ug/m3) 26.9 48.2 14.6 12.7 19.4 14.5 17.0 18.7 24.7 31.5 16.4 48.6 50.2 PM10 (ug/m3) 50.5 72.1 22.0 21.4 27.9	PM2.5 (ug/m3) 18.2 44.4 19.5 46.8 32.3 17.1 23.1 35.6 32.5 39.6 43.8 36.2 44.2 PM10 (ug/m3) 28.4 73.7 30.7 82.0	PM2.5 (ug/m3) 26.3 27.0 16.0 19.1 24.4 17.7 21.9 24.1 22.5 24.5 29.5 39.3 34.0 PM10 (ug/m3) 41.4 42.4 23.4 30.1 37.4	PM2.5 (ug/m3) 16.8 12.5 10.0 18.1 22.2 11.3 14.9 21.8 28.3 30.2 30.8 29.8 29.9 PM10 (ug/m3) 23.1 19.7 13.6 26.2 34.1	PM2.5 (ug/m3) 12.6 12.2 8.7 10 16.5 9.2 19.3 16.7 17.2 29.8 23.7 26.2 42.3 PM10 (ug/m3) 20.1 18.2 15.1	(ug/m3) 23.0 38.4 27.1 33.2 33.9 22.7 67.1 42.4 51.9 22.6 65.5 77.8 19.9 PM10 (ug/m3) 36.9 62.7 45.1 52.1	(ug/m3) 34.0 24.8 40.5 10.5 12.5 22.6 31.3 38.5 48.9 29.8 15.4 40.5 19.2 PM10 (ug/m3) 20.1 26.5 28.4 14.0	PM2.5 (ug/m3) 24.2 24.7 42.2 8.5 9.9 27.3 26.6 30.6 48.8 7.3 16.4 33.1 40.5 PM10 (ug/m3) 44.4 52.4 90.5 59.9 43.8	(ug/m3) 10.9 11.8 11.8 11.4 13.3 17.8 10.0 17.0 25.7 20.4 24.3 24.4 29.4 15.6	(ug/m3) 15 14.1 13.3 18.7 10.8 8 34.8 23.1 15.3 20.5 21.6 170.2 34.4 PM10 (ug/m3) 23.3 19.6 21.6 21.6	PM2.5 (ug/m3) 11.5 13.7 9.8 12.7 11.8 9.2 20.1 24.0 19.7 21.7 24.1 27.0 12.5 PM10 (ug/m3) 19.1 18.9 17.2 21.1 22.1	(ug/m3) 12.6 12.2 8.7 10 16.5 9.2 19.3 16.7 17.2 29.8 23.7 26.2 42.3 PM10 (ug/m3) 20.1 18.2 15.1 14.7 25.5	0.24 PM2.5 (ug/m3) 20.2 25.0 17.9 18.1 19.4 16.1 25.5 25.2 27.0 25.1 27.5 40.3 30.2 24.4 PM10 (ug/m3) 30.0 39.5 29.0 30.5
1 1 1 2 2 2 2 2 2 2 2 2 2 2 2 2 1 1 1 1	Point 1 2 3 4 4 5 5 6 6 7 7 8 9 9 10 11 12 13 Point 1 2 2 3 4 4 5 5 6 6	Location Description East Corner of Tip Floor Rollup Door Near Residual Pile on Tip Floor Corridor Between MRF and Tip Floor (air moving from MRF to Tip Floor) Between C1450 and C520 Near C740 Near MRF Floor Sump Between D930 and Eyewash, In Front of Control Room Between D930 and Eyewash, In Front of Control Room Between D930 and D430 Between D180 and D120 Between M140 and D101 Between M140 and D101 Between AWS 550s Location Description East Corner of Tip Floor Rollup Door Corridor Between MRF and Tip Floor Corridor Between MRF and Tip Floor (air moving from MRF to Tip Floor) Between C1450 and C520 Near C740 Near MRF Floor Sump	PM2.5 (ug/m3) 27.5 28.4 15.8 20.9 13.8 12.1 19.8 23.3 27.4 16.6 16.9 30.7 34.2 PM10 (ug/m3) 43.7 44.1 25.0 32.1 21.3	PM2.5 (ug/m3) 22.5 25.8 13.5 18.1 20.3 20.4 18.9 21.4 19.9 32.9 43.5 23.3 44.6 PM10 (ug/m3) 29.1 44.0 23.0 29.8 30.4 31.6	PM2.5 (ug/m3) 17.3 43.3 32.1 25.9 18.4 20.4 34.4 20.5 21.7 18.7 17.2 32.5 32.5 27.5 71.8 53.4 41.8 26.7 73.2,7	PM2.5 (ug/m3) 25.2 11.8 14.1 13.7 12.2 38.4 24.7 34.5 9.3 17.1 26.3 PM10 (ug/m3) 35.5 18.9	PM2.5 (ug/m3) 27.7 31.9 23.3 17.8 40 19.5 23 33.4 42.6 51.5 43.5 39.1 38.2 PM10 (ug/m3) 38.9 47.9 46.1 26.6 62.8	(ug/m3) 23.0 38.4 27.1 33.2 33.9 22.7 67.1 42.4 51.9 22.6 65.5 77.8 19.9 PM10 (ug/m3) 36.9 62.7 45.1 52.1 51.8 34.4	PM2.5 (ug/m3) 18.9 13.3 12.0 13.5 10.4 13.6 10.5 15.7 10.2 11.6 12.7 12.3 12.5 PM10 (ug/m3) 27.4 19.7 17.9 19.2 15.0	(ug/m3) 10.8 9.4 9.0 9.0 11.3 8.9 6.3 8.6 9.7 13.1 8.8 10.4 7.3 9.3 PM10 (ug/m3) 16.0 13.8 13.1 17.8 13.9	PM2.5 (ug/m3) 19.9 38.1 7.3 12.2 22.2 6.7 16.6 19.9 16.7 17.7 22.8 21.3 32.7 PM10 (ug/m3) 30.7 61.4 9.6 19.5 33.4	PM2.5 (ug/m3) 26.9 48.2 14.6 12.7 19.4 14.5 17.0 18.7 24.7 31.5 16.4 48.6 50.2 PM10 (ug/m3) 50.5 72.1 22.0 21.4 27.9 21.5	PM2.5 (ug/m3) 18.2 44.4 19.5 46.8 32.3 17.1 23.1 35.6 32.5 39.6 43.8 36.2 44.2 PM10 (ug/m3) 28.4 73.7 30.7 82.0 48.8 26.1	PM2.5 (ug/m3) 26.3 27.0 16.0 19.1 24.4 17.7 21.9 24.1 22.5 24.5 29.5 39.3 34.0 PM10 (ug/m3) 41.4 42.4 23.4 30.1 37.4 27.8	PM2.5 (ug/m3) 16.8 12.5 10.0 18.1 22.2 11.3 14.9 21.8 28.3 30.2 30.8 29.8 28.9 PM10 (ug/m3) 23.1 19.7 13.6 26.2 34.1	PM2.5 (ug/m3) 12.6 12.2 8.7 10 16.5 9.2 19.3 16.7 17.2 29.8 23.7 26.2 42.3 PM10 (ug/m3) 20.1 18.2 15.1 14.7 25.5	(ug/m3) 23.0 38.4 27.1 33.2 33.9 22.7 67.1 42.4 51.9 22.6 65.5 77.8 19.9 PM10 (ug/m3) 36.9 62.7 45.1 52.1 51.8	(ug/m3) 34.0 24.8 40.5 10.5 12.5 22.6 31.3 38.5 48.9 29.8 15.4 40.5 19.2 PM10 (ug/m3) 20.1 26.5 28.4 14.0 14.1	PM2.5 (ug/m3) 24.2 24.7 42.2 8.5 9.9 27.3 26.6 30.6 48.8 7.3 16.4 33.1 40.5 PM10 (ug/m3) 44.4 52.4 90.5 59.9 43.8 65.2	(ug/m3) 10.9 11.8 11.1 11.4 13.3 17.8 10.0 17.0 25.7 20.4 29.4 15.6 10.0 17.0 17.0 17.0 17.0 17.0 17.0 17.0	(ug/m3) 15 14.1 13.3 18.7 10.8 8 34.8 23.1 15.3 20.5 21.6 170.2 34.4 PM10 (ug/m3) 23.3 21.3 19.6 28.6 17 12.3	PM2.5 (ug/m3) 11.5 13.7 9.8 12.7 11.8 9.2 20.1 24.0 19.7 21.7 24.1 27.0 12.5 PM10 (ug/m3) 19.1 18.9 17.2 21.1 23.3 14.3	(ug/m3) 12.6 12.2 8.7 10 16.5 9.2 19.3 16.7 17.2 29.8 23.7 26.2 42.3 PM10 (ug/m3) 20.1 18.2 15.1 14.7 25.5	0.24 PM2.5 (ug/m3) 20.2 25.0 17.9 18.1 19.4 16.1 25.5 25.2 27.0 25.1 27.5 40.3 30.2 24.4 PM10 (ug/m3) 30.0 39.5 30.5 30.5 31.5 23.5
1 1 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 1	Point 1 2 3 4 4 5 6 6 7 1 1 2 2 3 4 4 5 5 6 6 7 7	Location Description East Corner of Tip Floor Rollup Door Near Residual Pile on Tip Floor Setween C1450 and C520 Near C740 Near C740 Near C740 Near C750 and Eyewash, in Front of Control Room Between C500 and Eyewash, in Front of Control Room Between D930 and C980 Between D930 and C980 Between D930 and D430 Between D180 and D120 Between D180 and D120 Between MW 550s Location Description East Corner of Tip Floor Rollup Door Near Residual Pile on Tip Floor Corridor Between MWR and Tip Floor (air moving from MRF to Tip Floor) Near C740 Near CM9 Near MRF Floor Sump Between C1450 and C520 Near C740 Near MRF Floor Sump Between C500 and Eyewash, in Front of Control Room	PM2.5 (ug/m3) 27.5 28.4 15.8 20.9 13.8 12.1 19.8 23.3 27.4 16.6 16.9 30.7 34.2 PM10 (ug/m3) 43.7 44.1 25.0 32.1 18.0 32.0 32.0 32.0 32.0 32.0 32.0 32.0 32	PM2.5 (ug/m3) 22.5 25.8 13.5 18.1 20.3 20.4 19.9 32.9 43.5 23.3 44.6 PM10 (ug/m3) 29.1 44.0 23.0 29.8 30.4 31.6 31.7	PM2.5 (ug/m3) 17.3 43.3 32.1 25.9 18.4 20.4 34.4 20.5 21.7 18.7 17.2 32.5 32.5 71.8 71.8 41.8 26.7 32.7 56.5	PM2.5 (ug/m3) 25.2 11.8 14.1 13.7 12.2 38.4 24.7 16.7 34.5 9.3 17.1 26.3 PM10 (ug/m3) 35.5 18.9 37.8 18.1 21.3 18.1	PM2.5 (ug/m3) 27.7 31.9 23.3 17.8 40 19.5 23 33.4 42.6 51.5 43.5 39.1 38.2 PM10 (ug/m3) 47.9 46.6 66.7 28.8 36.1	(ug/m3) 23.0 38.4 27.1 33.2 33.9 22.7 67.1 42.4 51.9 22.6 65.5 77.8 19.9 PM10 (ug/m3) 36.9 62.7 45.1 52.1 51.8 34.4 108.1	PM2.5 (ug/m3) 18.9 13.3 12.0 13.5 10.4 13.6 10.5 15.7 10.2 11.6 12.7 12.3 12.5 PM10 (ug/m3) 27.4 19.7 17.9 19.2 15.0 20.1	(ug/m3) 10.8 9.4 9.0 11.3 8.9 6.3 8.6 9.7 13.1 8.8 10.4 7.3 9.3 PM10 (ug/m3) 16.0 13.8 13.1 17.8 13.9 9.4	PM2.5 (ug/m3) 19.9 38.1 7.3 12.2 22.2 6.7 16.6 19.9 16.7 17.7 22.8 21.3 32.7 PM10 (ug/m3) 30.7 61.4 9.6 19.5 37.4 8.6 26.2	PM2.5 (ug/m3) 26.9 48.2 14.6 12.7 19.4 14.5 17.0 18.7 24.7 31.5 16.4 48.6 50.2 PM10 (ug/m3) 50.5 72.1 22.0 21.4 27.9 21.5	PM2.5 (ug/m3) 18.2 44.4 19.5 46.8 32.3 17.1 23.1 35.6 32.5 39.6 43.8 36.2 44.2 PM10 (ug/m3) 28.4 73.7 30.7 82.0 48.8 26.1 38.3	PM2.5 (ug/m3) 26.3 27.0 16.0 19.1 24.4 17.7 21.9 24.1 22.5 24.5 29.5 39.3 34.0 PM10 (ug/m3) 41.4 42.4 23.4 30.1 37.4 27.8	PM2.5 (ug/m3) 16.8 12.5 10.0 18.1 22.2 11.3 14.9 21.8 30.2 30.2 30.8 29.8 28.9 PM10 (ug/m3) 19.7 13.6 26.2 34.1 16.7 22.0	PM2.5 (ug/m3) 12.6 12.2 8.7 10 16.5 9.2 19.3 16.7 17.2 29.8 23.7 26.2 42.3 PM10 (ug/m3) 20.1 18.2 15.5 14.7 25.5 16.1	(ug/m3) 23.0 38.4 27.1 33.2 33.9 22.7 67.1 42.4 51.9 22.6 65.5 77.8 19.9 PM10 (ug/m3) 36.9 62.7 45.1 51.8 34.4	(ug/m3) 34.0 24.8 40.5 10.5 12.5 22.6 31.3 38.5 48.9 29.8 15.4 40.5 19.2 PM10 (ug/m3) 20.1 26.5 28.4 14.1 26.22	PM2.5 (ug/m3) 24.2 24.7 42.2 8.5 9.9 27.3 26.6 30.6 48.8 7.3 16.4 33.1 40.5 PM10 (ug/m3) 44.4 52.4 90.5 59.9 43.8 65.2	(ug/m3) 10.9 11.8 11.4 13.3 17.8 10.0 17.0 25.7 20.4 24.4 29.4 15.6 PMI0 (ug/m3) 16.5 18.1 16.9 19.6 27.3 14.5 25.3	(ug/m3) 15 14.1 13.3 18.7 10.8 8 34.8 23.1 15.3 20.5 21.6 170.2 34.4 PM10 (ug/m3) 23.3 21.3 19.6 17 12.3 55.8	PM2.5 (ug/m3) 11.5 13.7 9.8 12.7 11.8 9.2 20.1 24.0 19.7 24.1 27.0 12.5 PM10 (ug/m3) 19.1 18.9 17.2 21.1 23.3 14.3	(ug/m3) 12.6 12.2 8.7 10 16.5 9.2 19.3 16.7 17.2 29.8 23.7 26.2 42.3 PM10 (ug/m3) 20.1 18.2 15.1 14.7 25.5 16.1	0.24 PM2.5 (ug/m3) 20.2 25.0 17.9 18.1 19.4 16.1 25.5 27.0 25.1 27.5 40.3 30.2 24.4 PM10 (ug/m3) 30.0 39.5 29.0 30.5 31.5 23.6
1 1 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	Point 1 2 3 4 4 5 6 6 7 8 8 9 10 11 12 12 13 3 4 4 5 6 6 7 7 8 8	Location Description East Corner of Tip Floor Rollup Door Near Residual Pile on Tip Floor Corridor Between NRF and Tip Floor (air moving from MRF to Tip Floor) Between C1450 and C520 Near C740 Near MRF Floor Sump Between C500 and Eyewash, In Front of Control Room Between D930 and C980 Between D930 and D930 Between D180 and D120 Between D180 and D120 Between M140 and D101 Between M140 and D101 Between AWS 550s Location Description East Corner of Tip Floor Rollup Door Near Residual Pile on Tip Floor Corridor Between MRF and Tip Floor (air moving from MRF to Tip Floor) Destween C1450 and C520 Near C740 Near MRF Floor Sump Between C500 and Eyewash, In Front of Control Room Between C500 and G980	PM2.5 (ug/m3) 27.5 28.4 15.8 20.9 13.8 12.1 19.8 23.3 27.4 16.6 16.9 30.7 34.2 PM10 (ug/m3) 43.7 44.1 25.0 32.1 38.0 36.6	PM2.5 (ug/m3) 22.5 25.8 13.5 13.5 13.5 20.4 18.9 21.4 19.9 32.9 43.5 23.3 44.6 PM10 (ug/m3) 29.1 44.0 23.0 29.8 30.4 31.6 31.7 35.4	PM2.5 (ug/m3) 17.3 43.3 32.1 25.9 18.4 20.4 34.4 20.5 21.7 17.2 32.5 32.5 27.5 71.8 53.4 41.8 26.7 32.7 56.5 32.7	PM2.5 (ug/m3) 25.2 11.8 14.1 13.7 12.2 38.4 24.7 34.5 9.3 17.1 26.3 PM10 (ug/m3) 35.5 18.9 37.8 18.1 21.3 18.9 18.2	PM2.5 (ug/m3) 27.7 31.9 23.3 17.8 40 19.5 23 33.4 42.6 51.5 43.5 39.1 38.2 PM10 (ug/m3) 38.9 47.9 46.1 26.6 66.7 28.8 36.1	(ug/m3) 23.0 38.4 27.1 33.2 33.9 22.7 67.1 42.4 51.9 22.6 65.5 77.8 19.9 PM10 (ug/m3) 36.9 62.7 45.1 51.8 34.4 108.1 108.1	PM2.5 (ug/m3) 18.9 13.3 12.0 13.5 10.4 13.6 10.5 15.7 10.2 11.6 12.7 12.3 12.5 PM10 (ug/m3) 27.4 19.7 17.9 19.2 15.0 20.1 15.6	(ug/m3) 10.8 9.4 9.0 11.3 8.9 6.3 8.6 9.7 13.1 8.8 10.4 7.3 9.3 PM10 (ug/m3) 16.0 13.8 13.1 17.8 13.9 9.4	PM2.5 (ug/m3) 19.9 38.1 7.3 12.2 22.2.6 6.7 16.6 19.9 16.7 17.7 22.8 21.3 32.7 PM10 (ug/m3) 30.7 61.4 9.6 19.5 37.4 8.6 26.3 33.6	PM2.5 (ug/m3) 26.9 48.2 14.6 12.7 19.4 14.5 17.0 18.7 24.7 31.5 16.4 48.6 50.2 PM10 (ug/m3) 50.5 72.1 22.0 21.4 27.9 21.5 25.4	PM2.5 (ug/m3) 18.2 44.4 19.5 46.8 32.3 17.1 23.1 35.6 32.5 39.6 43.8 36.2 44.2 PM10 (ug/m3) 28.4 73.7 30.7 82.0 48.8 26.1 38.3 55.8	PM2.5 (ug/m3) 26.3 27.0 16.0 19.1 24.4 17.7 21.9 24.1 22.5 24.5 29.5 24.5 29.5 39.3 34.0 PM10 (ug/m3) 41.4 42.4 23.4 30.1 37.4 27.8 34.3 37.1	PM2.5 (ug/m3) 16.8 12.5 10.0 18.1 22.2 11.3 14.9 21.8 28.3 30.2 30.8 29.8 28.9 PM10 (ug/m3) 23.1 19.7 13.6 26.2 34.1 16.7 22.0 33.3 33.3 34.1 16.7 22.0 33.3	PM2.5 (ug/m3) 12.6 12.2 8.7 10 16.5 9.2 19.3 16.7 17.2 29.8 23.7 26.2 42.3 PM10 (ug/m3) 20.1 18.2 15.1 14.7 25.5 16.1 30 24.8	(ug/m3) 23.0 38.4 27.1 33.2 33.9 22.7 67.1 42.4 51.9 22.6 65.5 77.8 19.9 PM10 (ug/m3) 36.9 62.7 45.1 51.8 34.4 108.1	(ug/m3) 34.0 24.8 40.5 10.5 12.5 22.6 31.3 38.5 48.9 29.8 15.4 40.5 19.2 PM10 (ug/m3) 20.1 26.5 28.4 14.0 26.22 14.3 21.1	PM2.5 (ug/m3) 24.2 24.7 42.2 8.5 9.9 27.3 26.6 30.6 48.8 7.3 16.4 33.1 40.5 PM10 (ug/m3) 44.4 52.4 90.5 59.9 43.8 65.2 15.5 24.3	(ug/m3) 10.9 11.8 11.4 13.3 17.8 10.0 17.0 17.0 25.7 20.4 24.3 24.4 29.4 15.6 PM10 (ug/m3) 16.5 18.1 16.9 19.6 27.3 14.5 25.3 41.9	(ug/m3) 15 14.1 13.3 18.7 10.8 8 34.8 23.1 15.3 20.5 21.6 170.2 34.4 PM10 (ug/m3) 23.3 19.6 21.3 21.3 21.3 21.3 21.3 21.3 21.3 21.3	PM2.5 (ug/m3) 11.5 13.7 9.8 12.7 11.8 9.2 20.1 24.0 19.7 21.7 24.1 27.0 12.5 PM10 (ug/m3) 19.1 18.9 17.2 21.1 23.3 36.9	(ug/m3) 12.6 12.2 8.7 10 16.5 9.2 19.3 16.7 17.2 29.8 23.7 26.2 42.3 PM10 (ug/m3) 20.1 18.2 15.1 14.7 25.5 16.1 30 24.8	0.24 PM2.5 (ug/m3) 20.2 25.0 17.9 18.1 19.4 16.1 25.5 25.2 27.0 25.1 27.5 40.3 30.2 24.4 PM10 (ug/m3) 30.0 39.5 29.0 30.5 31.5 33.5 33.5
1 1 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	Point 1 2 3 4 4 5 5 6 7 8 8 9 10 11 12 13 13 14 5 5 6 7 8 8 9 9 10 10 10 10 10 10 10 10 10 10 10 10 10	Location Description East Corner of Tip Floor Rollup Door Near Residual Pile on Tip Floor Setween C1450 and C520 Near C740 Near C740 Near C740 Near C750 and Eyewash, in Front of Control Room Between C500 and Eyewash, in Front of Control Room Between D930 and C980 Between D930 and C980 Between D930 and D430 Between D180 and D120 Between D180 and D120 Between MW 550s Location Description East Corner of Tip Floor Rollup Door Near Residual Pile on Tip Floor Corridor Between MWR and Tip Floor (air moving from MRF to Tip Floor) Near C740 Near CM9 Near MRF Floor Sump Between C1450 and C520 Near C740 Near MRF Floor Sump Between C500 and Eyewash, in Front of Control Room	PM2.5 (ug/m3) 27.5 28.4 15.8 20.9 13.8 12.1 19.8 23.3 27.4 16.6 16.9 30.7 34.2 PM10 (ug/m3) 43.7 44.1 25.0 32.1 18.0 32.0 32.0 32.0 32.0 32.0 32.0 32.0 32	PM2.5 (ug/m3) 22.5 25.8 13.5 18.1 20.3 20.4 18.9 21.4 19.9 32.9 43.5 23.3 44.6 PM10 (ug/m3) 29.1 44.0 23.0 29.8 30.4 31.6 31.7 35.4 32.4	PM2.5 (ug/m3) 17.3 43.3 32.1 25.9 18.4 20.4 34.4 20.5 21.7 18.7 17.2 32.5 32.5 71.8 71.8 41.8 26.7 32.7 56.5	PM2.5 (ug/m3) 25.2 11.8 14.1 13.7 12.2 38.4 24.7 34.5 9.3 17.1 26.3 PM10 (ug/m3) 35.5 18.9 37.8 18.1 21.3 18.9 18.2 62.7 26.5	PM2.5 (ug/m3) 27.7 31.9 23.3 17.8 40 19.5 23 33.4 42.6 51.5 43.5 39.1 38.2 PM10 (ug/m3) 47.9 46.6 66.7 28.8 36.1	(ug/m3) 23.0 38.4 27.1 33.2 33.9 22.7 67.1 42.4 51.9 22.6 65.5 77.8 19.9 PM10 (ug/m3) 36.9 62.7 45.1 51.8 34.4 108.1 65.8	PM2.5 (ug/m3) 18.9 13.3 12.0 13.5 10.4 13.6 10.5 15.7 10.2 11.6 12.7 12.3 12.5 PM10 (ug/m3) 27.4 19.7 17.9 19.2 15.4 25.6	(ug/m3) 10.8 9.4 9.0 11.3 8.9 6.3 8.6 9.7 13.1 8.8 10.4 7.3 9.3 PM10 (ug/m3) 16.0 13.8 13.1 17.8 13.1 17.8 13.3 13.3 12.8	PM2.5 (ug/m3) 19.9 38.1 7.3 12.2 22.2 6.7 16.6 19.9 16.7 17.7 22.8 21.3 32.7 PM10 (ug/m3) 30.7 61.4 9.6 19.5 37.4 8.6 26.2 33.6 26.2	PM2.5 (ug/m3) 26.9 48.2 14.6 12.7 19.4 14.5 17.0 18.7 24.7 31.5 16.4 48.6 50.2 PM10 (ug/m3) 50.5 72.1 22.0 21.4 27.9 21.5	PM2.5 (ug/m3) 18.2 44.4 19.5 46.8 32.3 17.1 23.1 35.6 32.5 39.6 43.8 36.2 44.2 PM10 (ug/m3) 28.4 73.7 82.0 48.8 36.3 36.7 82.0 48.8 36.7 82.0 82.0 82.0 82.0 82.0 82.0 82.0 82.0	PM2.5 (ug/m3) 26.3 27.0 16.0 19.1 24.4 17.7 21.9 24.1 22.5 24.5 29.5 39.3 34.0 PM10 (ug/m3) 41.4 42.4 23.4 30.1 37.8 34.3 37.1 34.3	PM2.5 (ug/m3) 16.8 12.5 10.0 18.1 22.2 11.3 14.9 21.8 30.2 30.2 30.8 29.8 28.9 PM10 (ug/m3) 19.7 13.6 26.2 34.1 16.7 22.0	PM2.5 (ug/m3) 12.6 12.2 8.7 10 16.5 9.2 19.3 16.7 17.2 29.8 23.7 26.2 42.3 PM10 (ug/m3) 20.1 18.2 15.5 14.7 25.5 16.1	(ug/m3) 23.0 38.4 27.1 33.2 33.9 22.7 67.1 42.4 51.9 22.6 65.5 77.8 19.9 PM10 (ug/m3) 36.9 62.7 45.1 52.1 51.8 34.4 108.1 65.6	(ug/m3) 34.0 24.8 40.5 10.5 12.5 22.6 31.3 38.5 48.9 29.8 15.4 40.5 19.2 PM10 (ug/m3) 20.1 26.5 28.4 14.0 14.1 26.22 14.3 21.1 20.4	PM2.5 (ug/m3) 24.2 24.7 42.2 8.5 9.9 27.3 26.6 30.6 48.8 7.3 16.4 33.1 40.5 PM10 (ug/m3) 44.4 52.4 90.5 59.9 43.8 65.2 15.5 59.9	(ug/m3) 10.9 11.8 11.4 13.3 17.8 10.0 17.0 25.7 20.4 24.4 29.4 15.6 PMI0 (ug/m3) 16.5 18.1 16.9 19.6 27.3 14.5 25.3	(ug/m3) 15 14.1 13.3 18.7 10.8 8 34.8 23.1 15.3 20.5 21.6 170.2 34.4 PM10 (ug/m3) 23.3 21.3 19.6 28.6 17 12.3 55.8	PM2.5 (ug/m3) 11.5 13.7 9.8 12.7 11.8 9.2 20.1 24.0 19.7 24.1 27.0 12.5 PM10 (ug/m3) 19.1 18.9 17.2 21.1 23.3 14.3	(ug/m3) 12.6 12.2 8.7 10 16.5 9.2 19.3 16.7 17.2 29.8 23.7 26.2 42.3 PM10 (ug/m3) 20.1 18.2 15.1 14.7 25.5 16.1	0.24 PM2.5 (ug/m3) 20.2 25.0 17.9 18.1 19.4 16.1 25.5 25.2 27.0 25.1 27.5 40.3 30.2 24.4 PM10 (ug/m3) 30.0 39.5 31.5 36.6 37.7 36.0
1 1 1 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	Point 1 2 3 4 4 5 6 7 8 9 10 10 10 10 10 10 10 10 10 10 10 10 10	Location Description East Corner of Tip Floor Rollup Door Near Residual Pile on Tip Floor Corridor Between MRF and Tip Floor (air moving from MRF to Tip Floor) Between C1450 and C520 Near C740 Near MRF Floor Sump Between D930 and Eyewash, In Front of Control Room Between D930 and C980 Between D930 and D430 Between D180 and D120 Between M140 and D101 Between M140 and D101 Between AWS 550s Location Description East Corner of Tip Floor Rollup Door Near Residual Pile on Tip Floor Corridor Between MRF and Tip Floor (air moving from MRF to Tip Floor) Between C1450 and C520 Near C740 Near MRF Floor Sump Between C500 and Eyewash, In Front of Control Room Between C900 and C980 Between D930 and C980	PM2.5 (ug/m3) 27.5 28.4 15.8 20.9 13.8 12.1 19.8 23.3 27.4 16.6 16.9 30.7 34.2 PM10 (ug/m3) 44.1 25.0 32.1 18.0 32.1 32.0 36.6 44.2 27.2	PM2.5 (ug/m3) 22.5 25.8 13.5 13.5 20.4 19.9 32.9 43.5 23.3 44.6 PM10 (ug/m3) 29.1 44.0 23.0 29.8 30.4 31.6 31.7 35.4 35.4 35.8	PM2.5 (ug/m3) 17.3 43.3 32.1 25.9 18.4 20.4 34.4 20.5 21.7 17.2 32.5 32.5 PM10 (ug/m3) 27.5 71.8 53.4 41.8 26.7 32.7 56.5 31.6 35.7 30.0	PM2.5 (ug/m3) 25.2 11.8 14.1 13.7 12.2 38.4 24.8 24.8 24.7 16.7 34.5 9.3 17.1 26.3 PM10 (ug/m3) 37.8 18.9 37.8 18.1 21.3 18.9 26.7 26.7 26.7	PM2.5 (ug/m3) 27.7 31.9 23.3 17.8 40 19.5 23 42.6 51.5 43.5 39.1 38.2 PM10 (ug/m3) 47.9 46.1 26.6 66.7 28.8 36.1 53.8 67.9 84.8	(ug/m3) 23.0 38.4 27.1 33.2 33.9 22.7 67.1 42.4 51.9 22.6 65.5 77.8 19.9 PM10 (ug/m3) 36.9 62.7 45.1 51.8 34.4 108.1 65.8 65.0 39.0	PM2.5 (ug/m3) 18.9 13.3 12.0 13.5 10.4 13.6 10.5 15.7 10.2 11.6 12.7 12.3 12.5 PM10 (ug/m3) 27.4 19.7 17.9 19.2 15.0 20.1 15.4 25.6 15.7	(ug/m3) 10.8 9.4 9.0 11.3 8.9 6.3 8.6 9.7 13.1 8.8 10.4 7.3 9.3 PM10 (ug/m3) 16.0 13.8 13.1 17.8 13.9 9.4 13.3 15.3 21.8	PM2.5 (ug/m3) 19.9 38.1 7.3 12.2 22.2 26.7 16.6 19.5 19.7 17.7 22.8 21.3 32.7 PM10 (ug/m3) 30.7 61.4 9.6 19.5 37.4 8.6 26.2 33.6 26.2	PM2.5 (ug/m3) 26.9 48.2 14.6 12.7 19.4 14.5 17.0 18.7 24.7 31.5 16.4 48.6 50.2 PM10 (ug/m3) 50.5 72.1 22.0 21.4 27.9 21.5 25.9 32.4 47.4	PM2.5 (ug/m3) 18.2 44.4 19.5 46.8 32.3 17.1 23.1 35.6 32.5 39.6 43.8 36.2 44.2 PM10 (ug/m3) 28.4 73.7 30.7 82.0 48.8 26.1 38.3 55.8 55.8 56.1	PM2.5 (ug/m3) 26.3 27.0 16.0 19.1 24.4 17.7 21.9 24.1 22.5 24.5 29.5 39.3 34.0 PM10 (ug/m3) 42.4 23.4 30.1 37.4 27.8 34.3 37.1 34.5	PM2.5 (ug/m3) 16.8 12.5 10.0 18.1 22.2 11.3 30.2 30.8 28.3 30.2 30.8 28.9 PM10 (ug/m3) 23.1 19.7 13.6 26.2 34.1 45.7 22.0	PM2.5 (ug/m3) 12.6 12.2 8.7 10 16.5 9.2 19.3 16.7 29.8 23.7 26.2 42.3 PM10 (ug/m3) 25.5 16.1 30 24.8 24.8 24.8	(ug/m3) 23.0 38.4 27.1 33.2 33.9 22.7 67.1 31.9 22.6 65.5 77.8 19.9 PM10 (ug/m3) 36.9 62.7 45.1 51.8 34.4 108.1 65.8 65.0 39.0	(ug/m3) 34.0 24.8 40.5 10.5 12.5 22.6 31.3 38.5 48.9 29.8 15.4 40.5 19.2 PM10 (ug/m3) 20.1 26.5 28.4 14.1 26.2 14.3 21.1 20.4	PM2.5 (ug/m3) 24.2 24.7 42.2 8.5 9.9 27.3 26.6 30.6 48.8 7.3 16.4 33.1 40.5 PM10 (ug/m3) 44.4 52.4 90.5 59.9 43.8 65.2 15.5 24.3 35.5 24.3	(ug/m3) 10.9 11.8 11.4 13.3 17.8 10.0 17.0 25.7 20.4 24.3 24.4 29.4 15.6 PM10 (ug/m3) 16.5 18.1 16.9 19.6 27.3 14.9 33.3	(ug/m3) 15 14.1 13.3 18.7 10.8 8 34.8 23.1 15.3 20.5 21.6 170.2 34.4 PM10 (ug/m3) 23.3 21.3 19.6 17 12.3 39.4 24.4 33.5	PM2.5 (ug/m3) 11.5 13.7 9.8 12.7 11.8 9.2 20.1 24.0 19.7 21.7 24.1 27.0 12.5 PM10 (ug/m3) 19.1 18.9 17.2 23.3 14.3 33.9 27.6 38.9 27.6	(ug/m3) 12.6 12.2 8.7 10 16.5 9.2 19.3 16.7 17.2 29.8 23.7 26.2 42.3 PM10 (ug/m3) 20.1 18.2 15.1 14.7 25.5 16.1 30 24.8 26.8	0.24 PM2.5 (ug/m3) 20.2 25.0 17.9 18.1 19.4 16.1 25.5 25.2 27.0 25.1 27.5 40.3 30.2 24.4 PM10 (ug/m3) 30.5 30.5 31.5 29.0 30.5 31.5 23.6 37.7 36.6
1 1 1 1 2 2 2 2 2 2 2 2 2 1 1 1 1 1 1 1	Point 1 2 3 4 5 6 6 7 8 8 9 10 11 2 2 3 4 4 5 6 6 7 8 8 9 10 11 1 1 2 1 3 1 3 1 4 1 1 2 1 3 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Location Description East Corner of Tip Floor Rollup Door Near Residual Pile on Tip Floor Detween C1450 and C520 Near C740 Near MRF Floor Sump Between C300 and Eyewash, in Front of Control Room Between D300 and C980 Between D300 and C980 Between D300 and D430 Between D480 and D101 Between MWS 550s Location Description East Corner of Tip Floor Rollup Door Near Residual Pile on Tip Floor Corridor Between MRF and Tip Floor (air moving from MRF to Tip Floor) Between C450 and C520 Near C740 Near MRF Floor Sump Between D300 and D430 Between D300 and C980 Between D300 and D430 Between D430 and D430	PM2.5 (ug/m3) 27.5 28.4 15.8 20.9 13.8 12.1 19.8 23.3 27.4 16.6 16.9 30.7 34.2 PM10 (ug/m3) 43.7 44.1 25.0 32.1 21.3 32.1 21.3 32.0 33.6 44.2	PM2.5 (ug/m3) 22.5 25.8 13.5 18.1 20.3 20.4 18.9 21.4 19.9 32.9 43.5 23.3 44.6 PM10 (ug/m3) 29.1 44.0 23.0 29.8 30.4 31.6 31.7 35.4 32.4	PM2.5 (ug/m3) 17.3 43.3 32.1 25.9 18.4 20.4 34.4 20.5 21.7 18.7 17.2 32.5 32.5 27.5 71.8 27.5 71.8 27.5 71.8 32.5	PM2.5 (ug/m3) 25.2 11.8 14.1 13.7 12.2 38.4 24.7 34.5 9.3 17.1 26.3 PM10 (ug/m3) 35.5 18.9 37.8 18.1 21.3 18.9 18.2 62.7 26.5	PM2.5 (ug/m3) 27.7 31.9 23.3 17.8 40 19.5 23 33.4 42.6 51.5 43.5 39.1 38.2 PM10 (ug/m3) 38.9 47.9 46.1 26.6 62.8 36.1 53.8	(ug/m3) 23.0 38.4 27.1 33.2 33.9 22.7 67.1 42.4 51.9 22.6 65.5 77.8 19.9 PM10 (ug/m3) 36.9 62.7 45.1 51.8 34.4 108.1 65.8	PM2.5 (ug/m3) 18.9 13.3 12.0 13.5 10.4 13.6 10.5 15.7 10.2 11.6 12.7 12.3 12.5 PM10 (ug/m3) 27.4 19.7 17.9 19.2 15.4 25.6	(ug/m3) 10.8 9.4 9.0 11.3 8.9 6.3 8.6 9.7 13.1 8.8 10.4 7.3 9.3 PM10 (ug/m3) 16.0 13.8 13.1 17.8 13.1 17.8 13.3 13.3 12.8	PM2.5 (ug/m3) 19.9 38.1 7.3 12.2 22.2 6.7 16.6 19.9 16.7 17.7 22.8 21.3 32.7 PM10 (ug/m3) 30.7 61.4 9.6 19.5 37.4 8.6 26.2 33.6 26.2	PM2.5 (ug/m3) 26.9 48.2 14.6 12.7 19.4 14.5 17.0 18.7 24.7 31.5 16.4 48.6 50.2 PM10 (ug/m3) 50.5 72.1 22.0 21.4 27.9 21.5 25.4 25.9 32.4	PM2.5 (ug/m3) 18.2 44.4 19.5 46.8 32.3 17.1 23.1 35.6 32.5 39.6 43.8 36.2 44.2 PM10 (ug/m3) 28.4 73.7 82.0 48.8 36.3 36.7 82.0 48.8 36.7 82.0 82.0 82.0 82.0 82.0 82.0 82.0 82.0	PM2.5 (ug/m3) 26.3 27.0 16.0 19.1 24.4 17.7 21.9 24.1 22.5 24.5 29.5 39.3 34.0 PM10 (ug/m3) 41.4 42.4 23.4 30.1 37.8 34.3 37.1 34.3	PM2.5 (ug/m3) 16.8 12.5 10.0 18.1 22.2 21.3 30.2 30.2 30.2 30.8 29.8 28.9 PM10 (ug/m3) 19.7 13.6 26.2 34.1 16.7 22.0 33.3 43.4 48.7	PM2.5 (ug/m3) 12.6 12.2 8.7 10 16.5 9.2 19.3 16.7 17.2 29.8 23.7 26.2 42.3 PM10 (ug/m3) 20.1 18.2 15.1 14.7 25.5 16.1 30 24.8 26.8	(ug/m3) 23.0 38.4 27.1 33.2 33.9 22.7 67.1 42.4 51.9 22.6 65.5 77.8 19.9 PM10 (ug/m3) 36.9 62.7 45.1 52.1 51.8 34.4 108.1 65.6	(ug/m3) 34.0 24.8 40.5 10.5 12.5 22.6 31.3 38.5 48.9 29.8 15.4 40.5 19.2 PM10 (ug/m3) 20.1 26.5 28.4 14.0 14.1 26.22 14.3 21.1 20.4	PM2.5 (ug/m3) 24.2 24.7 42.2 8.5 9.9 27.3 26.6 30.6 48.8 7.3 16.4 33.1 40.5 PM10 (ug/m3) 44.4 52.4 90.5 59.9 43.8 65.2 15.5 59.9	(ug/m3) 10.9 11.8 11.1 11.4 13.3 17.8 10.0 17.0 25.7 20.4 29.4 15.6 10.0 16.5 18.1 16.9 19.6 27.3 14.5 25.3 41.9 33.3	(ug/m3) 15 14.1 13.3 18.7 10.8 8 34.8 23.1 15.3 20.5 21.6 170.2 34.4 PM10 (ug/m3) 23.3 21.3 19.6 28.6 17 12.3 55.8	PM2.5 (ug/m3) 11.5 13.7 9.8 12.7 11.8 9.2 20.1 24.0 19.7 21.7 24.1 27.0 12.5 PM10 (ug/m3) 19.1 18.9 17.2 21.1 23.3 36.9 27.6	(ug/m3) 12.6 12.2 8.7 10 16.5 9.2 19.3 16.7 17.2 29.8 23.7 26.2 42.3 PM10 (ug/m3) 20.1 18.2 15.1 14.7 25.5 16.1 30 24.8	0.24 PM2.5 (ug/m3) 20.2 25.0 17.9 18.1 19.4 16.1 25.5 25.2 27.0 25.1 27.5 40.3 30.2 24.4 PM10 (ug/m3) 30.0 39.5 31.5 36.6 37.7 36.0
1 1 1 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	Point 1 2 3 4 5 6 7 8 9 10 11 12 13 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 10 11 11 12	Location Description East Corner of Tip Floor Rollup Door Near Residual Pile on Tip Floor Corridor Between NRF and Tip Floor (air moving from MRF to Tip Floor) Between C1450 and C520 Near C740 Near MRF Floor Sump Between C500 and Eyewash, In Front of Control Room Between D930 and C980 Between D930 and D930 Between D180 and D120 Between D180 and D120 Between M140 and D101 Between M140 and D101 Between AWS 550s Location Description East Corner of Tip Floor Rollup Door Near Residual Pile on Tip Floor Corridor Between MRF and Tip Floor (air moving from MRF to Tip Floor) Near MRF Floor Sump Between C500 and Eyewash, In Front of Control Room Between D500 and C980 Between D500 and G980 Between D290 and D430 Between D180 and D120	PM2.5 (ug/m3) 27.5 28.4 15.8 20.9 13.8 12.1 19.8 23.3 27.4 16.6 16.9 30.7 34.2 PM10 (ug/m3) 43.7 44.1 25.0 32.1 32.1 36.6 44.2 27.2 27.2 27.2	PM2.5 (ug/m3) 22.5 25.8 13.5 13.5 18.1 20.4 18.9 21.4 19.9 32.9 43.5 23.3 44.6 PM10 (ug/m3) 29.1 44.0 23.0 29.8 30.4 31.6 31.7 35.4 55.8 72.3	PM2.5 (ug/m3) 17.3 43.3 32.1 25.9 18.4 20.4 34.4 20.5 21.7 17.2 32.5 32.5 32.5 27.5 71.8 32.5 27.5 32.5 32.5 32.5 32.5 32.5 32.5 32.5 32	PM2.5 (ug/m3) 25.2 11.8 14.1 13.7 12.2 38.4 24.7 34.5 9.3 17.1 26.3 PM10 (ug/m3) 35.5 18.9 37.8 18.9 18.2 62.7 26.5 52.4	PM2.5 (ug/m3) 27.7 31.9 23.3 17.8 40 19.5 23 33.4 42.6 51.5 43.5 39.1 38.2 PM10 (ug/m3) 38.9 47.9 46.1 26.6 66.7 28.8 36.7 9.8	(ug/m3) 23.0 38.4 27.1 33.2 33.9 22.7 67.1 42.4 51.9 22.6 65.5 77.8 19.9 PM10 (ug/m3) 36.9 62.7 45.1 55.1.8 34.4 108.1 108.1 65.8 65.0 39.0 101.5	PM2.5 (ug/m3) 18.9 13.3 12.0 13.5 10.4 13.6 10.5 15.7 10.2 11.6 12.7 12.3 12.5 PM10 (ug/m3) 27.4 19.7 17.9 19.2 15.0 20.1 15.6 15.7 17.9 19.2 15.0 20.1 15.6 15.7 17.9 19.2 17.9 19.2 17.9 19.2 17.9 19.2 17.9 19.2 17.9 19.2 17.9 19.2 17.9 19.2 19.2 19.2 19.2 19.2 19.2 19.2 19	(ug/m3) 10.8 9.4 9.0 11.3 8.9 6.3 8.6 9.7 13.1 8.8 10.4 7.3 9.3 PM10 (ug/m3) 16.0 13.8 13.1 17.8 13.9 9.4 13.3 15.3 21.8	PM2.5 (ug/m3) 19.9 38.1 7.3 12.2 22.2.6 6.7 16.6 19.9 16.7 17.7 22.8 21.3 32.7 PM10 (ug/m3) 30.7 61.4 9.6 19.5 37.4 8.6 26.8 23.3 6.7	PM2.5 (ug/m3) 26.9 48.2 14.6 12.7 19.4 14.5 17.0 18.7 24.7 31.5 16.4 48.6 50.2 PM10 (ug/m3) 50.5 72.1 22.0 21.4 27.9 21.5 25.4 25.9 25.4 25.9 25.4 25.9 25.4 25.9 26.9 27.9 27.9 27.9 27.9 27.9 27.9 27.9 27	PM2.5 (ug/m3) 18.2 44.4 19.5 46.8 32.3 17.1 23.1 35.6 32.5 39.6 43.8 36.2 44.2 PM10 (ug/m3) 28.4 73.7 30.7 82.0 48.8 36.9 43.8 36.9 44.2	PM2.5 (ug/m3) 26.3 27.0 16.0 19.1 24.4 17.7 21.9 24.1 22.5 24.5 29.5 39.3 34.0 PM10 (ug/m3) 41.4 42.4 23.4 30.1 37.4 27.8 34.3 37.1 34.5 37.2 44.6	PM2.5 (ug/m3) 16.8 12.5 10.0 18.1 22.2 11.3 14.9 21.8 28.3 30.2 30.8 29.8 28.9 PM10 (ug/m3) 23.1 19.7 13.6 26.2 34.1 16.7 22.0 33.3 43.4 48.7 49.4	PM2.5 (ug/m3) 12.6 12.2 8.7 10 16.5 9.2 19.3 16.7 17.2 29.8 23.7 26.2 42.3 PM10 (ug/m3) 20.1 18.2 15.1 14.7 25.5 16.1 30 24.8 24.8 26.8 46.5	(ug/m3) 23.0 38.4 27.1 33.2 33.9 22.7 67.1 42.4 51.9 22.6 65.5 77.8 19.9 PM10 (ug/m3) 36.9 62.7 45.1 51.8 34.4 105.8 65.0 39.0 101.5	(ug/m3) 34.0 24.8 40.5 10.5 12.5 22.6 31.3 38.5 48.9 29.8 15.4 40.5 19.2 PM10 (ug/m3) 26.5 28.4 14.0 14.1 26.2 14.3 21.1 20.4 19.1 25.3	PM2.5 (ug/m3) 24.2 24.7 42.2 8.5 9.9 27.3 26.6 30.6 48.8 7.3 16.4 33.1 40.5 PM10 (ug/m3) 44.4 52.4 90.5 59.9 43.8 65.2 15.5 24.3 35.5 18.9 37.8	(ug/m3) 10.9 11.8 11.4 13.3 17.8 10.0 17.0 17.0 25.7 20.4 24.3 24.4 29.4 15.6 PM10 (ug/m3) 16.5 18.1 16.9 19.6 27.3 14.5 25.3 41.9 33.3 40.6	(ug/m3) 15 14.1 13.3 18.7 10.8 8 34.8 23.1 15.3 20.5 21.6 170.2 34.4 PM10 (ug/m3) 23.3 19.6 21.3 19.6 28.6 17 12.3 55.8	PM2.5 (ug/m3) 11.5 13.7 9.8 12.7 11.8 9.2 20.1 24.0 19.7 21.7 24.1 27.0 12.5 PM10 (ug/m3) 19.1 18.9 17.2 21.1 23.3 36.9 27.6 38.9 37.3	(ug/m3) 12.6 12.2 8.7 10 16.5 9.2 19.3 16.7 17.2 29.8 23.7 26.2 42.3 PM10 (ug/m3) 20.1 18.2 15.1 14.7 25.5 16.1 30 24.8 26.8 46.5 35.7	0.24 PM2.5 (ug/m3) 20.2 25.0 17.9 18.1 19.4 16.1 25.5 25.2 27.0 25.1 27.5 40.3 30.2 24.4 PM10 (ug/m3) 30.0 39.5 31.5 32.5 36.6 37.7 36.0 39.6
1 1 1 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	Point 1 2 3 4 5 6 7 8 9 10 11 12 13 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 10 11 11 12	Location Description East Corner of Tip Floor Rollup Door Near Residual Pile on Tip Floor Corridor Between MRF and Tip Floor (air moving from MRF to Tip Floor) Between C1450 and C520 Near C740 Near MRF Floor Sump Between D930 and Eyewash, In Front of Control Room Between D930 and C980 Between D930 and D430 Between D180 and D120 Between M140 and D101 Between M140 and D101 Between AWS 550s Location Description East Corner of Tip Floor Rollup Door Near C840 Corridor Between MRF and Tip Floor (air moving from MRF to Tip Floor) Between C1450 and C520 Near C740 Near MRF Floor Sump Between C500 and Eyewash, In Front of Control Room Between C900 and C980 Between D930 and C980 Between D930 and C980 Between D930 and D430 Between D180 and D120 Between D180 and D120 Between M140 and D101 Between Tommels	PM2.5 (ug/m3) 27.5 28.4 15.8 20.9 13.8 12.1 19.8 23.3 27.4 16.6 16.9 30.7 34.2 PM10 (ug/m3) 43.7 44.1 25.0 32.1 21.3 32.0 36.0 36.0 36.0 36.0 36.0 36.0 36.0 36	PM2.5 (ug/m3) 22.5 25.8 13.5 18.1 20.3 20.4 18.9 21.4 19.9 32.9 43.5 23.3 44.6 PM10 (ug/m3) 29.1 44.0 23.0 29.8 30.4 31.6 31.7 35.4 55.8 72.3 38.9	PM2.5 (ug/m3) 17.3 43.3 32.1 25.9 18.4 20.4 34.4 20.5 21.7 18.7 17.2 32.5 32.5 27.5 71.8 27.5 71.8 27.5 71.8 32.5 32.5	PM2.5 (ug/m3) 25.2 11.8 14.1 13.7 12.2 38.4 24.7 34.5 9.3 17.1 26.3 PM10 (ug/m3) 35.5 18.9 18.1 21.3 18.9 18.2 62.7 26.5 52.4 38.6	PM2.5 (ug/m3) 27.7 31.9 23.3 17.8 40 19.5 23 33.4 42.6 51.5 43.5 39.1 38.9 47.9 47.9 46.1 26.6 62.8 36.1 53.8 48.8 70.2 62.8	(ug/m3) 23.0 38.4 27.1 33.2 33.9 22.7 67.1 42.4 51.9 22.6 65.5 77.8 19.9 PM10 (ug/m3) 36.9 62.7 45.1 51.8 34.4 108.1 65.8 65.0 39.0 101.5	PM2.5 (ug/m3) 18.9 13.3 12.0 13.5 10.4 13.6 10.5 15.7 10.2 11.6 12.7 12.3 12.5 PM10 (ug/m3) 27.4 19.7 17.9 19.2 15.0 20.1 15.4 25.6 15.2 17.7 19.4 19.7	(ug/m3) 10.8 9.4 9.0 11.3 8.9 6.3 8.6 9.7 13.1 8.8 10.4 7.3 9.3 16.0 13.8 13.1 17.8 13.9 9.4 13.3 15.1 16.0 16.0	PM2.5 (ug/m3) 19.9 38.1 7.3 12.2 22.2 6.7 16.6 19.9 16.7 17.7 22.8 21.3 32.7 PM10 (ug/m3) 30.7 61.4 9.6 19.5 33.6 26.2 33.6 26.8 28.8 35.6 34.5	PM2.5 (ug/m3) 26.9 48.2 14.6 12.7 19.4 14.5 17.0 18.7 24.7 31.5 16.4 48.6 50.2 PM10 (ug/m3) 50.5 72.1 22.0 21.4 27.9 21.5 25.4 25.9 32.4 47.4 52.7 71.2	PM2.5 (ug/m3) 18.2 44.4 19.5 46.8 32.3 17.1 23.1 35.6 32.5 39.6 43.8 36.2 44.2 PM10 (ug/m3) 28.4 73.7 82.0 48.8 36.3 55.8 64.5 70.2 56.1	PM2.5 (ug/m3) 26.3 27.0 16.0 19.1 24.4 17.7 21.9 24.1 22.5 24.5 29.5 39.3 34.0 PM10 (ug/m3) 41.4 42.4 23.4 30.1 37.4 34.3 37.1 34.3 37.1 34.5 37.2 44.6	PM2.5 (ug/m3) 16.8 12.5 10.0 18.1 22.2 11.3 30.2 30.8 28.9 PM10 (ug/m3) 23.1 19.7 13.6 26.2 34.1 16.7 22.0 33.3 43.4 48.7	PM2.5 (ug/m3) 12.6 12.2 8.7 10 16.5 9.2 19.3 16.7 17.2 29.8 23.7 26.2 42.3 PM10 (ug/m3) 20.1 18.2 15.1 14.7 25.5 26.8 46.5 35.7 42.1	(ug/m3) 23.0 38.4 27.1 33.2 33.9 22.7 67.1 42.4 51.9 22.6 65.5 77.8 19.9 PM10 (ug/m3) 36.9 62.7 45.1 51.8 34.4 108.1 65.8 65.0 39.0 101.5	(ug/m3) 34.0 24.8 40.5 10.5 12.5 22.6 31.3 38.5 48.9 15.4 40.5 19.2 19.1 26.5 28.4 14.0 14.1 26.22 14.3 21.1 20.4 19.1 25.3	PM2.5 (ug/m3) 24.2 24.7 42.2 8.5 9.9 27.3 26.6 30.6 48.8 7.3 16.4 33.1 40.5 PM10 (ug/m3) 44.4 52.4 90.5 59.9 43.8 55.9 9.9 27.3 35.5 59.9 9.9 27.3 40.6 10.6 10.6 10.6 10.6 10.6 10.6 10.6 1	(ug/m3) 10.9 11.8 11.1 11.4 13.3 17.8 10.0 17.0 25.7 20.4 24.3 24.4 29.4 15.6 16.9 16.5 18.1 16.9 19.6 27.3 14.5 25.3 41.9 40.6 39.9	(ug/m3) 15 14.1 13.3 18.7 10.8 8 34.8 23.1 15.3 20.5 21.6 170.2 34.4 32.3 21.3 19.6 28.6 17 12.3 25.8 39.4 33.5 35.8 35.8	PM2.5 (ug/m3) 11.5 13.7 9.8 12.7 11.8 9.2 20.1 24.0 19.7 21.7 24.1 27.0 12.5 PM10 (ug/m3) 19.1 18.9 17.2 21.1 23.3 36.9 27.6 38.9 37.3	(ug/m3) 12.6 12.2 8.7 10 16.5 9.2 19.3 16.7 17.2 29.8 23.7 26.2 42.3 PM10 (ug/m3) 20.1 18.2 15.1 14.7 25.5 16.1 30 24.8 46.5 35.7 42.1	0.24 PM2.5 (ug/m3) 20.2 25.0 17.9 18.1 19.4 16.1 25.5 25.2 27.0 25.1 27.5 40.3 30.2 24.4 PM10 (ug/m3) 30.0 39.5 31.5 36.6 37.7 36.0 39.6 46.3

All of the rollup doors were open

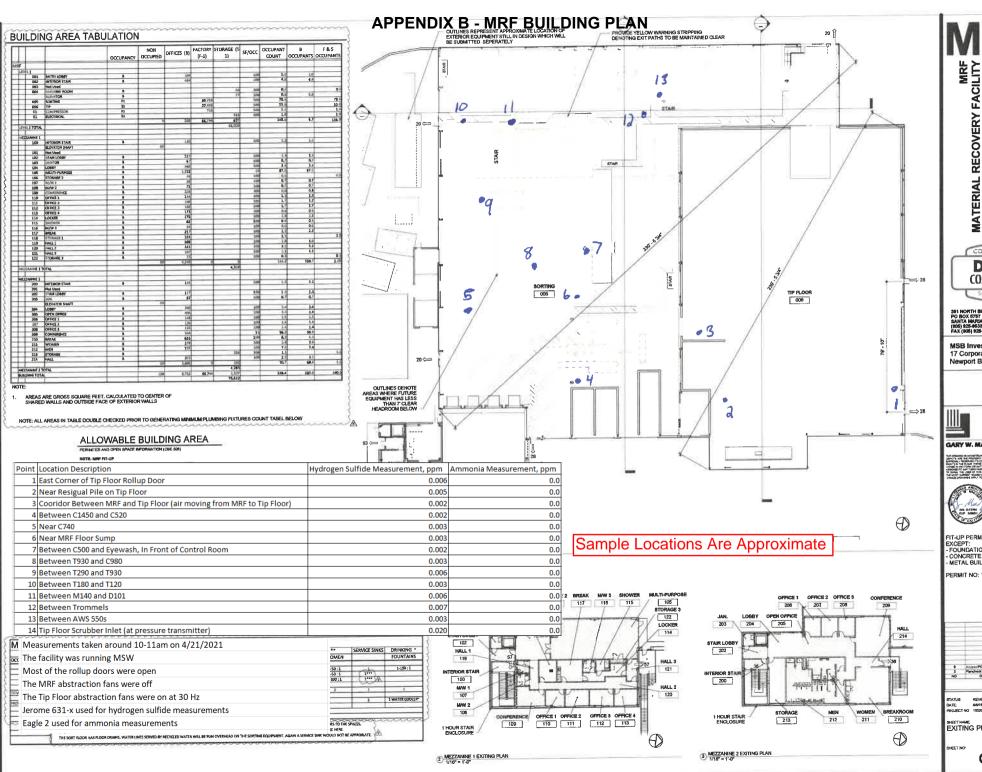
The MRF abstraction fans were on

The Tip Floor abstraction fans were on at 30 Hz

Jerome 631-x used for hydrogen sulfide measurements, last calibrate 5/6/23

Eagle 2 used for ammonia measurements, last calibrated 5/6/23

Temptop M2000 AQ Meter for PM2.5, PM10, and CO2 used for PM measurements, last calibrated N/A





381 NORTH BLOSSER ROAD PO BOX 5787 2ANTA MARIA, CA 93458 - 5787 (805) 925-4633 FAX (808) 928-2150

MSB Investors, LLC 17 Corporate Plaza, Suite 200 Newport Beach, CA 92660

GARY W. MADJEDI, ARCHITECT



- FOUNDATIONS
- CONCRETE BUILDING WALLS
- METAL BUILDING AND SIDING PERMIT NO: 19REV-00345

REVIEW 8/6/19 150201

EXITING PLANS



August 10, 2023

Aimee Long Air Quality Specialist Santa Barbara County Air Pollution Control District 260 N. San Antonio Road, Suite A Santa Barbara, CA 93110

Permit: ATC 14500 05 H.B. Case No. 2021-12-M1

RE: MSB Investors, LLC

ReSource Center (formerly Tajiguas Resource Recovery Project) Variance Update Due to Alisal Fire Impact

Aimee:

In response to the Variance granted by the Hearing Board on December 7, 2022 in connection with H.B. Case No. 2021-12-M1 we offer the following information:

The ATC 14500-10 addressing the MRF biofilter non-rebuild was deemed complete by District engineering on June 22, 2023. Unfortunately, it took nearly 18 months to achieve completeness on the application with District engineering.

Our general contractor, Diani Building Corp., Santa Maria, CA, has completed a detailed estimate for the repairs and replacement of the baghouse filters adjacent to the damaged MRF biofilter facilities. The estimated dates for completion of the repair and replacement of the baghouse filters is now Q1-Q2 2024, based on Diani's estimated 16 week construction schedule estimated to commence as of October 2023 following completion of a CEQA analysis of the repair and replacement project and Board of Supervisors (BOS) approval of such anticipated for September 2023. As a result, we need to consider another extension of the variance.

As stated in our petition for the Variance, we took preventative measures once the scrubbers became non-operational such as additional building ventilation and indoor air monitoring on a weekly basis. The indoor air monitoring continues to observe indoor air measurements of H2S and NH3 of approximately 2-5% of the MRF biofilter emission limits. The indoor air levels of H2S and NH3 were and continue to be extremely low due to the speed at which organic waste is processed through the building to loadout trucks for transfer to the ADF for further processing in-vessel.

Attached please find a schedule, Appendix A – MRF Indoor Air Sampling, showing the indoor air measurements of H2S, NH3, PM 2.5 and PM 10 taken at 13 locations inside the MRF building depicted on Appendix B – MRF Building Plan over the period from March 1, 2022 through July 31, 2023 (i.e., a 5-month lookback).

Please let me know if you have any questions on the above or the attached.

Sincerely,

John Dewey

MSB Investors, LLC

	Facility Emissions During Operations	Without Operational Biofilters and Baghouses																					
			Friday	Friday	Friday	Friday	Friday	Friday	Thurs	Thurs	Thurs	Friday	Friday	Friday	Friday	Friday	Friday	Friday	Friday	Thursday	Friday	Friday	3/3/23-
			(3/3/23)	(3/10/23)	(3/17/23)	(3/24/23)	(3/31/23)	(4/7/23)	(4/13/23)	(4/20/23)	(4/27/23)	(5/5/23)	(5/12/23)	(5/19/23)	(5/26/23)	(6/2/23)	(6/9/23)	(6/16/23)	(6/23/23)	(7/6/23)	(7/21/23)	(7/28/23)	7/28/23
MSW	Point Location Description		H2S (ppmv)	H2S (ppmv)	H2S (ppmv)	H2S (ppmv)	H2S (ppmv)	H2S (ppmv)	H2S (ppmv)	H2S (ppmv)	H2S (ppmv)	H2S (ppmv)	H2S (ppmv)	H2S (ppmv)	H2S (ppmv)	H2S (ppmv)	H2S (ppmv)	H2S (ppmv) H2S (ppmv)	H2S (ppmv)	H2S (ppmv)	H2S (ppmv)	H2S (ppmv)
	1 East Corner of Tip Floor Rol	llup Door	0.002	0.002	0.005	0.005	0.007	0.004	0.003	0.008	0.001	0.012	0.002	0.009	0.004	0.003	0.004	0.009	0.012	0.007	0.016	0.014	0.006
	2 Near Residual Pile on Tip Fl		0.008	0.009	0.004	0.007	0.006	0.008	0.006	0.009	0.005	0.005	0.009	0.006	0.006	0.004	0.003	0.006	0.005	0.007	0.014	0.013	0.007
1	3 Corridor Between MRF and	Tip Floor (air moving from MRF to Tip Floor)	0.008	0.003	0.003	0.006	0.003	0.004	0.002	0.002	0.001	0.004	0.003	0.005	0.000	0.003	0.002	0.005	0.004	0.002	0.003	0.003	0.003
- 2	4 Between C1450 and C520		0.006	0.004	0.002	0.004	0.001	0.002	0.001	0.003	0.001	0.003	0.004	0.003	0.000	0.004	0.004	0.003	0.003	0.001	0.003	0.000	0.003
- 2	5 Near C740		0.005	0.006	0.004	0.002	0.005	0.003	0.002	0.004	0.003	0.002	0.006	0.006	0.003	0.005	0.006	0.006	0.002	0.003	0.006	0.003	0.004
	6 Near MRF Floor Sump		0.006	0.004	0.005	0.005	0.003	0.003	0.003	0.003	0.003	0.002	0.004	0.004	0.003	0.003	0.006	0.004	0.002	0.003	0.004	0.003	0.004
	7 Between C500 and Eyewasi 8 Between D930 and C980	h, In Front of Control Room	0.007	0.005	0.004	0.006	0.006	0.005	0.003	0.003	0.004	0.003	0.005	0.004	0.002	0.004	0.004	0.004	0.003	0.003	0.006	0.004	0.004
	8 Between D930 and C980 9 Between D290 and D430		0.006	0.004	0.004	0.003	0.004	0.004	0.002	0.003	0.003	0.007	0.004	0.004	0.000	0.004	0.008	0.004	0.007	0.004	0.008	0.003	0.004
	10 Between D180 and D120		0.007	0.003	0.004	0.003	0.005	0.004	0.002	0.003	0.003	0.002	0.003	0.005	0.001	0.003	0.005	0.005	0.002	0.003	0.006	0.003	0.004
	11 Between M140 and D101		0.003	0.003	0.004	0.003	0.004	0.003	0.003	0.003	0.003	0.003	0.003	0.006	0.000	0.006	0.004	0.006	0.003	0.002	0.006	0.003	0.004
- 2	12 Between Trommels		0.007	0.004	0.003	0.005	0.006	0.004	0.003	0.004	0.003	0.003	0.004	0.004	0.001	0.006	0.004	0.004	0.003	0.004	0.012	0.005	0.004
- 2	13 Between AWS 550s		0.006	0.004	0.004	0.003	0.007	0.005	0.003	0.002	0.003	0.003	0.004	0.004	0.001	0.004	0.003	0.004	0.003	0.003	0.007	0.004	0.004
																							0.004
MSW	Balad Landing Bandleti		NH3	NH3	NH3	NH3	NH3	NH3	NH3	NH3	NH3	NH3	NH3	NH3	NH3	NH3	NH3	NH3	NH3	NH3	NH3	NH3	NH3 (ppmv)
	Point Location Description		(ppmv)	(ppmv)	(ppmv)	(ppmv)	(ppmv)	(ppmv)	(ppmv)	(ppmv)	(ppmv)	(ppmv)	(ppmv)	(ppmv)	(ppmv)	(ppmv)	(ppmv)	(ppmv)	(ppmv)	(ppmv)	(ppmv)	(ppmv)	
1	1 East Corner of Tip Floor Rol 2 Near Residual Pile on Tip Fl		0.5	-	-	-	-	1.0	0.5 1.0	1.0	0.5	-	-	0.5	0.5 0.5	-	-	-	-	0.5 1.0	- 0.5	1.0 0.5	0.18 0.35
		I Tip Floor (air moving from MRF to Tip Floor)	0.5	-	-	-	-	1.0	-	-	-	-	-	-	0.5	-	-		1 -	0.5	- 0.5		0.08
2	Between C1450 and C520		-	-	-	-	-	-	0.5	-	-	-	-	0.5	0.5	-	-	-	-	0.5	-	-	0.10
- 2	5 Near C740		0.5	-	-	-	-	0.5	1.0	-	0.5	-	-	-	0.5	-	-	-	-	1.0	-	0.5	0.23
1			0.5	-	-	-	-	-	-	-	-	-	-	-	0.5	-	-	-	-	0.5	-	-	0.08
-	7 Between C500 and Eyewasi	h, In Front of Control Room	0.5	-	-	-	-	-	0.5	0.5	-	-	-	0.5	0.5	-	-	-	-	0.5	-	0.5	0.18
- 1	8 Between D930 and C980		0.5	-	-	-	-	0.5	1.0	-	0.5	-	-	-	0.5	-	-	-	-	1.0	-	-	0.20
	9 Between D290 and D430 10 Between D180 and D120		0.5	-	-	-	-	-	1.0	0.5	0.5	-	-	0.5	1.0 0.5	-	-	-	-	1.5	-	1.0	0.33 0.25
	11 Between M140 and D101		1.0	0.5	-	-	-	0.5	1.5	0.5	0.5	-	0.5	0.5	0.5	0.5	-	-	-	1.5	-	3.5	0.58
	12 Between Trommels		1.0	-	-	-	-	1.0	1.5	1.0	1.0	-	-	-	0.5	0.5	0.1	-	-	1.5	0.0	1.5	0.48
- 2	13 Between AWS 550s		1.0		0.5		0.5	0.5	1.5						1.0					1.0		5.0	0.00
	15 DCCWCCII AWS 5503		1.0	-	0.5	-	0.5	0.5	1.5	1.0	0.5	-	-	-	1.0	-	-	-	-	1.0	-	3.0	0.63
	15 Detween AWS 5505			-		-						-	-	-		-	-		-		-		0.28
MSW	,		PM2.5	PM2.5	PM2.5	PM2.5	PM2.5	PM2.5	PM2.5	PM2.5	PM2.5	PM2.5	PM2.5	PM2.5	PM2.5	PM2.5	PM2.5	PM2.5	PM2.5	PM2.5	PM2.5	PM2.5	0.28 PM2.5
MSW	Point Location Description	llus Davis	PM2.5 (ug/m3)	(ug/m3)	PM2.5 (ug/m3)	(ug/m3)	PM2.5 (ug/m3)	PM2.5 (ug/m3)	PM2.5 (ug/m3)	PM2.5 (ug/m3)	PM2.5 (ug/m3)	(ug/m3)	(ug/m3)	(ug/m3)	PM2.5 (ug/m3)	(ug/m3)	(ug/m3)	(ug/m3)	(ug/m3)	PM2.5 (ug/m3)	(ug/m3)	PM2.5 (ug/m3)	0.28 PM2.5 (ug/m3)
MSW	Point Location Description 1 East Corner of Tip Floor Rol		PM2.5 (ug/m3) 27.7	(ug/m3) 23.0	PM2.5 (ug/m3) 18.9	(ug/m3) 10.8	PM2.5 (ug/m3) 19.9	PM2.5 (ug/m3) 26.9	PM2.5 (ug/m3) 18.2	PM2.5 (ug/m3) 26.3	PM2.5 (ug/m3) 16.8	(ug/m3) 12.6	(ug/m3) 23.0	(ug/m3) 34.0	PM2.5 (ug/m3) 24.2	(ug/m3) 10.9	(ug/m3) 15	(ug/m3) 11.5	(ug/m3) 12.6	PM2.5 (ug/m3) 43.0	(ug/m3) 46.7	PM2.5 (ug/m3) 31.6	0.28 PM2.5 (ug/m3) 22.7
MSW 1	Point Location Description 1 East Corner of Tip Floor Rol 2 Near Residual Pile on Tip Fl	oor	PM2.5 (ug/m3) 27.7 31.9	(ug/m3) 23.0 38.4	PM2.5 (ug/m3) 18.9 13.3	(ug/m3) 10.8 9.4	PM2.5 (ug/m3) 19.9 38.1	PM2.5 (ug/m3) 26.9 48.2	PM2.5 (ug/m3) 18.2 44.4	PM2.5 (ug/m3) 26.3 27.0	PM2.5 (ug/m3) 16.8 12.5	(ug/m3) 12.6 12.2	(ug/m3) 23.0 38.4	(ug/m3) 34.0 24.8	PM2.5 (ug/m3) 24.2 24.7	(ug/m3) 10.9 11.8	(ug/m3) 15 14.1	(ug/m3) 11.5 13.7	(ug/m3) 12.6 12.2	PM2.5 (ug/m3) 43.0 29.7	(ug/m3) 46.7 23.0	PM2.5 (ug/m3) 31.6 26.8	0.28 PM2.5 (ug/m3) 22.7 24.7
MSW	Point Location Description 1 East Corner of Tip Floor Rol 2 Near Residual Pile on Tip Fl		PM2.5 (ug/m3) 27.7	(ug/m3) 23.0	PM2.5 (ug/m3) 18.9	(ug/m3) 10.8	PM2.5 (ug/m3) 19.9	PM2.5 (ug/m3) 26.9	PM2.5 (ug/m3) 18.2	PM2.5 (ug/m3) 26.3	PM2.5 (ug/m3) 16.8	(ug/m3) 12.6	(ug/m3) 23.0	(ug/m3) 34.0	PM2.5 (ug/m3) 24.2	(ug/m3) 10.9	(ug/m3) 15	(ug/m3) 11.5	(ug/m3) 12.6	PM2.5 (ug/m3) 43.0	(ug/m3) 46.7	PM2.5 (ug/m3) 31.6	0.28 PM2.5 (ug/m3) 22.7
1 1 1 2	Point Location Description 1 East Corner of Tip Floor Rol 2 Near Residual Pile on Tip Fl 3 Corridor Between MRF and 4 Between C1450 and C520 5 Near C740	oor	PM2.5 (ug/m3) 27.7 31.9 23.3 17.8	(ug/m3) 23.0 38.4 27.1 33.2 33.9	PM2.5 (ug/m3) 18.9 13.3 12.0	(ug/m3) 10.8 9.4 9.0 11.3 8.9	PM2.5 (ug/m3) 19.9 38.1 7.3	PM2.5 (ug/m3) 26.9 48.2 14.6 12.7 19.4	PM2.5 (ug/m3) 18.2 44.4 19.5 46.8 32.3	PM2.5 (ug/m3) 26.3 27.0 16.0 19.1 24.4	PM2.5 (ug/m3) 16.8 12.5 10.0 18.1 22.2	(ug/m3) 12.6 12.2 8.7 10 16.5	(ug/m3) 23.0 38.4 27.1 33.2 33.9	(ug/m3) 34.0 24.8 40.5 10.5 12.5	PM2.5 (ug/m3) 24.2 24.7 42.2 8.5 9.9	(ug/m3) 10.9 11.8 11.4	(ug/m3) 15 14.1 13.3 18.7 10.8	(ug/m3) 11.5 13.7 9.8 12.7 11.8	(ug/m3) 12.6 12.2 8.7 10 16.5	PM2.5 (ug/m3) 43.0 29.7 19.3 23.0 37.2	(ug/m3) 46.7 23.0 13.9 35.0 28.0	PM2.5 (ug/m3) 31.6 26.8 8.6 13.6 34.6	0.28 PM2.5 (ug/m3) 22.7 24.7 17.1 18.7 22.2
1 1 2 2	Point Location Description 1 East Corner of Tip Floor Rol 2 Near Residual Pile on Tip Fl 3 Corridor Between MRF and 4 Between C1450 and C520 5 Near C740 6 Near MRF Floor Sump	oor I Tip Floor (air moving from MRF to Tip Floor)	PM2.5 (ug/m3) 27.7 31.9 23.3 17.8 40 19.5	(ug/m3) 23.0 38.4 27.1 33.2 33.9 22.7	PM2.5 (ug/m3) 18.9 13.3 12.0 13.5 10.4 13.6	(ug/m3) 10.8 9.4 9.0 11.3 8.9 6.3	PM2.5 (ug/m3) 19.9 38.1 7.3 12.2 22.2 6.7	PM2.5 (ug/m3) 26.9 48.2 14.6 12.7 19.4 14.5	PM2.5 (ug/m3) 18.2 44.4 19.5 46.8 32.3 17.1	PM2.5 (ug/m3) 26.3 27.0 16.0 19.1 24.4 17.7	PM2.5 (ug/m3) 16.8 12.5 10.0 18.1 22.2 11.3	(ug/m3) 12.6 12.2 8.7 10 16.5 9.2	(ug/m3) 23.0 38.4 27.1 33.2 33.9 22.7	(ug/m3) 34.0 24.8 40.5 10.5 12.5 22.6	PM2.5 (ug/m3) 24.2 24.7 42.2 8.5 9.9 27.3	(ug/m3) 10.9 11.8 11.4 13.3 17.8 10.0	(ug/m3) 15 14.1 13.3 18.7 10.8	(ug/m3) 11.5 13.7 9.8 12.7 11.8 9.2	(ug/m3) 12.6 12.2 8.7 10 16.5 9.2	PM2.5 (ug/m3) 43.0 29.7 19.3 23.0 37.2 20.4	(ug/m3) 46.7 23.0 13.9 35.0 28.0 10.4	PM2.5 (ug/m3) 31.6 26.8 8.6 13.6 34.6 7.7	0.28 PM2.5 (ug/m3) 22.7 24.7 17.1 18.7 22.2 14.3
1 1 2 2	Point Location Description 1 East Corner of Tip Floor Rol 2 Near Residual Pile on Tip Fl 3 Corridor Between MRF and 4 Between C1450 and C520 5 Near C740 6 Near MRF Floor Sump 7 Between C500 and Eyewasi	oor I Tip Floor (air moving from MRF to Tip Floor)	PM2.5 (ug/m3) 27.7 31.9 23.3 17.8 40 19.5	(ug/m3) 23.0 38.4 27.1 33.2 33.9 22.7 67.1	PM2.5 (ug/m3) 18.9 13.3 12.0 13.5 10.4 13.6	(ug/m3) 10.8 9.4 9.0 11.3 8.9 6.3 8.6	PM2.5 (ug/m3) 19.9 38.1 7.3 12.2 22.2 6.7 16.6	PM2.5 (ug/m3) 26.9 48.2 14.6 12.7 19.4 14.5	PM2.5 (ug/m3) 18.2 44.4 19.5 46.8 32.3 17.1 23.1	PM2.5 (ug/m3) 26.3 27.0 16.0 19.1 24.4 17.7 21.9	PM2.5 (ug/m3) 16.8 12.5 10.0 18.1 22.2 11.3 14.9	(ug/m3) 12.6 12.2 8.7 10 16.5 9.2 19.3	(ug/m3) 23.0 38.4 27.1 33.2 33.9 22.7 67.1	(ug/m3) 34.0 24.8 40.5 10.5 12.5 22.6 31.3	PM2.5 (ug/m3) 24.2 24.7 42.2 8.5 9.9 27.3 26.6	(ug/m3) 10.9 11.8 11.4 13.3 17.8 10.0	(ug/m3) 15 14.1 13.3 18.7 10.8 8 34.8	(ug/m3) 11.5 13.7 9.8 12.7 11.8 9.2 20.1	(ug/m3) 12.6 12.2 8.7 10 16.5 9.2 19.3	PM2.5 (ug/m3) 43.0 29.7 19.3 23.0 37.2 20.4 22.5	(ug/m3) 46.7 23.0 13.9 35.0 28.0 10.4 29.2	PM2.5 (ug/m3) 31.6 26.8 8.6 13.6 34.6 7.7	0.28 PM2.5 (ug/m3) 22.7 24.7 17.1 18.7 22.2 14.3 25.3
1 1 1 2 2 2 2 2	Point Location Description 1 East Corner of Tip Floor Rol 2 Near Residual Pile on Tip Fl 3 Corridor Between MRF and 4 Between C1450 and C520 5 Near C740 6 Near MRF Floor Sump 7 Between C500 and Eyewasl 8 Between D930 and C980	oor I Tip Floor (air moving from MRF to Tip Floor)	PM2.5 (ug/m3) 27.7 31.9 23.3 17.8 40 19.5 23 33.4	(ug/m3) 23.0 38.4 27.1 33.2 33.9 22.7 67.1 42.4	PM2.5 (ug/m3) 18.9 13.3 12.0 13.5 10.4 13.6 10.5	(ug/m3) 10.8 9.4 9.0 11.3 8.9 6.3 8.6 9.7	PM2.5 (ug/m3) 19.9 38.1 7.3 12.2 22.2 6.7 16.6 19.9	PM2.5 (ug/m3) 26.9 48.2 14.6 12.7 19.4 14.5 17.0	PM2.5 (ug/m3) 18.2 44.4 19.5 46.8 32.3 17.1 23.1 35.6	PM2.5 (ug/m3) 26.3 27.0 16.0 19.1 24.4 17.7 21.9 24.1	PM2.5 (ug/m3) 16.8 12.5 10.0 18.1 22.2 11.3 14.9 21.8	(ug/m3) 12.6 12.2 8.7 10 16.5 9.2 19.3 16.7	(ug/m3) 23.0 38.4 27.1 33.2 33.9 22.7 67.1 42.4	(ug/m3) 34.0 24.8 40.5 10.5 12.5 22.6 31.3 38.5	PM2.5 (ug/m3) 24.2 24.7 42.2 8.5 9.9 27.3 26.6 30.6	(ug/m3) 10.9 11.8 11.4 13.3 17.8 10.0 17.0 25.7	(ug/m3) 15 14.1 13.3 18.7 10.8 8 34.8 23.1	(ug/m3) 11.5 13.7 9.8 12.7 11.8 9.2 20.1 24.0	(ug/m3) 12.6 12.2 8.7 10 16.5 9.2 19.3 16.7	PM2.5 (ug/m3) 43.0 29.7 19.3 23.0 37.2 20.4 22.5 37.8	(ug/m3) 46.7 23.0 13.9 35.0 28.0 10.4 29.2 27.8	PM2.5 (ug/m3) 31.6 26.8 8.6 13.6 34.6 7.7 15.5	0.28 PM2.5 (ug/m3) 22.7 24.7 17.1 18.7 22.2 14.3 25.3 26.0
1 1 2 2	Point Location Description 1 East Corner of Tip Floor Rol 2 Near Residual Pile on Tip Fl 3 Corridor Between MRF and 4 Between C1450 and C520 5 Near C740 6 Near MRF Floor Sump 7 Between C930 and Eyewash 8 Between D390 and C980 9 Between D290 and D430 9 Between D290 and D430 1 1 1 1 1 1 1 1 1	oor I Tip Floor (air moving from MRF to Tip Floor)	PM2.5 (ug/m3) 27.7 31.9 23.3 17.8 40 19.5 23 33.4 42.6	(ug/m3) 23.0 38.4 27.1 33.2 33.9 22.7 67.1 42.4 51.9	PM2.5 (ug/m3) 18.9 13.3 12.0 13.5 10.4 13.6 10.5 15.7	(ug/m3) 10.8 9.4 9.0 11.3 8.9 6.3 8.6 9.7 13.1	PM2.5 (ug/m3) 19.9 38.1 7.3 12.2 22.2 6.7 16.6 19.9	PM2.5 (ug/m3) 26.9 48.2 14.6 12.7 19.4 14.5 17.0 18.7 24.7	PM2.5 (ug/m3) 18.2 44.4 19.5 46.8 32.3 17.1 23.1 35.6 32.5	PM2.5 (ug/m3) 26.3 27.0 16.0 19.1 24.4 17.7 21.9 24.1 22.5	PM2.5 (ug/m3) 16.8 12.5 10.0 18.1 22.2 11.3 14.9 21.8 28.3	(ug/m3) 12.6 12.2 8.7 10 16.5 9.2 19.3 16.7 17.2	(ug/m3) 23.0 38.4 27.1 33.2 33.9 22.7 67.1 42.4 51.9	(ug/m3) 34.0 24.8 40.5 10.5 12.5 22.6 31.3 38.5 48.9	PM2.5 (ug/m3) 24.2 24.7 42.2 8.5 9.9 27.3 26.6 30.6 48.8	(ug/m3) 10.9 11.8 11.4 13.3 17.8 10.0 17.0 25.7 20.4	(ug/m3) 15 14.1 13.3 18.7 10.8 8 34.8 23.1 15.3	(ug/m3) 11.5 13.7 9.8 12.7 11.8 9.2 20.1 24.0 19.7	(ug/m3) 12.6 12.2 8.7 10 16.5 9.2 19.3 16.7 17.2	PM2.5 (ug/m3) 43.0 29.7 19.3 23.0 37.2 20.4 22.5 37.8 52.3	(ug/m3) 46.7 23.0 13.9 35.0 28.0 10.4 29.2 27.8 32.1	PM2.5 (ug/m3) 31.6 26.8 8.6 13.6 34.6 7.7 15.5 14.5 33.9	0.28 PM2.5 (ug/m3) 22.7 24.7 17.1 18.7 22.2 14.3 25.3 26.0 30.0
1 1 1 2 2 2 2 2	Point Location Description 1 East Corner of Tip Floor Rol 2 Near Residual Pile on Tip Fl 3 Corridor Between MRF and 4 Between C1450 and C520 5 Near C740 6 Near MRF Floor Sump 7 Between C500 and Eyewasl 8 Between D930 and C980	oor I Tip Floor (air moving from MRF to Tip Floor)	PM2.5 (ug/m3) 27.7 31.9 23.3 17.8 40 19.5 23 33.4	(ug/m3) 23.0 38.4 27.1 33.2 33.9 22.7 67.1 42.4	PM2.5 (ug/m3) 18.9 13.3 12.0 13.5 10.4 13.6 10.5	(ug/m3) 10.8 9.4 9.0 11.3 8.9 6.3 8.6 9.7	PM2.5 (ug/m3) 19.9 38.1 7.3 12.2 22.2 6.7 16.6 19.9	PM2.5 (ug/m3) 26.9 48.2 14.6 12.7 19.4 14.5 17.0	PM2.5 (ug/m3) 18.2 44.4 19.5 46.8 32.3 17.1 23.1 35.6	PM2.5 (ug/m3) 26.3 27.0 16.0 19.1 24.4 17.7 21.9 24.1	PM2.5 (ug/m3) 16.8 12.5 10.0 18.1 22.2 11.3 14.9 21.8	(ug/m3) 12.6 12.2 8.7 10 16.5 9.2 19.3 16.7	(ug/m3) 23.0 38.4 27.1 33.2 33.9 22.7 67.1 42.4	(ug/m3) 34.0 24.8 40.5 10.5 12.5 22.6 31.3 38.5	PM2.5 (ug/m3) 24.2 24.7 42.2 8.5 9.9 27.3 26.6 30.6	(ug/m3) 10.9 11.8 11.4 13.3 17.8 10.0 17.0 25.7	(ug/m3) 15 14.1 13.3 18.7 10.8 8 34.8 23.1	(ug/m3) 11.5 13.7 9.8 12.7 11.8 9.2 20.1 24.0	(ug/m3) 12.6 12.2 8.7 10 16.5 9.2 19.3 16.7	PM2.5 (ug/m3) 43.0 29.7 19.3 23.0 37.2 20.4 22.5 37.8	(ug/m3) 46.7 23.0 13.9 35.0 28.0 10.4 29.2 27.8	PM2.5 (ug/m3) 31.6 26.8 8.6 13.6 34.6 7.7 15.5	0.28 PM2.5 (ug/m3) 22.7 24.7 17.1 18.7 22.2 14.3 25.3 26.0
1 1 1 2 2 2 2 2	Point Location Description 1 East Corner of Tip Floor Rol 2 Near Residual Pile on Tip Fl 3 Corridor Between MRF and 4 Between C1450 and C520 5 Near C740 6 Near MRF Floor Sump 7 Between C500 and Eyewasi 8 Between D500 and Eyewasi 8 Between D500 and D430 10 Between D180 and D120 10 Between D180 and D120 10 10 10 10 10 10 10	oor I Tip Floor (air moving from MRF to Tip Floor)	PM2.5 (ug/m3) 27.7 31.9 23.3 17.8 40 19.5 23 33.4 42.6 51.5	(ug/m3) 23.0 38.4 27.1 33.2 33.9 22.7 67.1 42.4 51.9 22.6 65.5 77.8	PM2.5 (ug/m3) 18.9 13.3 12.0 13.5 10.4 13.6 10.5 15.7 10.2	(ug/m3) 10.8 9.4 9.0 11.3 8.9 6.3 8.6 9.7 13.1 8.8	PM2.5 (ug/m3) 19.9 38.1 7.3 12.2 22.2 6.7 16.6 19.9 16.7	PM2.5 (ug/m3) 26.9 48.2 14.6 12.7 19.4 14.5 17.0 18.7 24.7 31.5	PM2.5 (ug/m3) 18.2 44.4 19.5 46.8 32.3 17.1 23.1 35.6 32.5 39.6	PM2.5 (ug/m3) 26.3 27.0 16.0 19.1 24.4 17.7 21.9 24.1 22.5 24.5	PM2.5 (ug/m3) 16.8 12.5 10.0 18.1 22.2 11.3 14.9 21.8 28.3 30.2	(ug/m3) 12.6 12.2 8.7 10 16.5 9.2 19.3 16.7 17.2 29.8	(ug/m3) 23.0 38.4 27.1 33.2 33.9 22.7 67.1 42.4 51.9 22.6	(ug/m3) 34.0 24.8 40.5 10.5 12.5 22.6 31.3 38.5 48.9 29.8	PM2.5 (ug/m3) 24.2 24.7 42.2 8.5 9.9 27.3 26.6 30.6 48.8 7.3	(ug/m3) 10.9 11.8 11.4 13.3 17.8 10.0 17.0 25.7 20.4 24.3	(ug/m3) 15 14.1 13.3 18.7 10.8 8 34.8 23.1 15.3 20.5	(ug/m3) 11.5 13.7 9.8 12.7 11.8 9.2 20.1 24.0 19.7 21.7	(ug/m3) 12.6 12.2 8.7 10 16.5 9.2 19.3 16.7 17.2 29.8	PM2.5 (ug/m3) 43.0 29.7 19.3 23.0 37.2 20.4 22.5 37.8 52.3 41.1	(ug/m3) 46.7 23.0 13.9 35.0 28.0 10.4 29.2 27.8 32.1 30.1	PM2.5 (ug/m3) 31.6 26.8 8.6 13.6 34.6 7.7 15.5 14.5 33.9 34.9	0.28 PM2.5 (ug/m3) 22.7 17.1 18.7 22.2 14.3 25.3 26.0 30.0 26.5
1 1 1 2 2 2 2 2	Point Location Description 1 East Corner of Tip Floor Rol 2 Near Residual Pile on Tip Fl 3 Corridor Between MRF and 4 Between C1450 and C520 5 Near C740 6 Near MRF Floor Sump 7 Between C590 and Eyewas! 8 Between D930 and C980 9 Between D930 and D430 10 Between D180 and D120 11 Between M140 and D101	oor I Tip Floor (air moving from MRF to Tip Floor)	PM2.5 (ug/m3) 27.7 31.9 23.3 17.8 40 19.5 23 33.4 42.6 51.5 43.5	(ug/m3) 23.0 38.4 27.1 33.2 33.9 22.7 67.1 42.4 51.9 22.6 65.5	PM2.5 (ug/m3) 18.9 13.3 12.0 13.5 10.4 13.6 10.5 15.7 10.2 11.6 12.7	(ug/m3) 10.8 9.4 9.0 11.3 8.9 6.3 8.6 9.7 13.1 8.8	PM2.5 (ug/m3) 19.9 38.1 7.3 12.2 22.2 6.7 16.6 19.9 16.7 17.7 22.8	PM2.5 (ug/m3) 26.9 48.2 14.6 12.7 19.4 14.5 17.0 18.7 24.7 31.5	PM2.5 (ug/m3) 18.2 44.4 19.5 46.8 32.3 17.1 23.1 35.6 32.5 39.6 43.8	PM2.5 (ug/m3) 26.3 27.0 16.0 19.1 24.4 17.7 21.9 24.1 22.5 24.5 29.5	PM2.5 (ug/m3) 16.8 12.5 10.0 18.1 22.2 11.3 21.8 21.8 28.3 30.2 30.8	(ug/m3) 12.6 12.2 8.7 10 16.5 9.2 19.3 16.7 17.2 29.8 23.7	(ug/m3) 23.0 38.4 27.1 33.2 33.9 22.7 67.1 42.4 51.9 22.6 65.5	(ug/m3) 34.0 24.8 40.5 10.5 12.5 22.6 31.3 38.5 48.9 29.8 15.4	PM2.5 (ug/m3) 24.2 24.7 42.2 8.5 9.9 27.3 26.6 30.6 48.8 7.3 16.4	(ug/m3) 10.9 11.8 11.4 13.3 17.8 10.0 17.0 25.7 20.4 24.3 24.4	(ug/m3) 15 14.1 13.3 18.7 10.8 8 34.8 23.1 15.3 20.5 21.6	(ug/m3) 11.5 13.7 9.8 12.7 11.8 9.2 20.1 24.0 19.7 21.7	(ug/m3) 12.6 12.2 8.7 10 16.5 9.2 19.3 16.7 17.2 29.8 23.7	PM2.5 (ug/m3) 43.0 29.7 19.3 23.0 37.2 20.4 22.5 37.8 52.3 41.1	(ug/m3) 46.7 23.0 13.9 35.0 28.0 10.4 29.2 27.8 32.1 30.1 32.2	PM2.5 (ug/m3) 31.6 26.8 8.6 13.6 34.6 7.7 15.5 14.5 33.9 34.9	0.28 PM2.5 (ug/m3) 22.7 24.7 17.1 18.7 22.2 14.3 25.3 26.0 30.0 26.5 30.5 43.1 30.9
1 1 1 2 2 2 2 2	Point Location Description 1 East Corner of Tip Floor Rol 2 Near Residual Pile on Tip Fl 3 Corridor Between MRF and 4 Between C1450 and C520 5 Near C740 6 Near MRF Floor Sump 7 Between C950 and Eyewasi 8 Between D390 and C980 9 Between D390 and D100 10 Between M140 and D101 11 Between M140 and D101 12 Between Trommels 10 Detween M150 10 10 10 10 10 10 10	oor I Tip Floor (air moving from MRF to Tip Floor)	PM2.5 (ug/m3) 27.7 23.3 17.8 40 19.5 23 33.4 42.6 51.5 43.5 39.1 38.2	(ug/m3) 23.0 38.4 27.1 33.2 33.9 22.7 67.1 42.4 51.9 22.6 65.5 77.8 19.9	PM2.5 (ug/m3) 18.9 13.3 12.0 13.5 10.4 13.6 10.5 15.7 10.2 11.6 12.7 12.3	(ug/m3) 10.8 9.4 9.0 11.3 8.9 6.3 8.6 9.7 13.1 8.8 10.4 7.3	PM2.5 (ug/m3) 19.9 38.1 12.2 22.2 6.6 19.9 16.7 17.7 22.8 21.3 32.7	PM2.5 (ug/m3) 26.9 48.2 14.6 12.7 19.4 14.5 17.0 18.7 24.7 31.5 16.4 48.6 50.2	PM2.5 (ug/m3) 18.2 44.4 19.5 46.8 32.3 17.1 23.1 35.6 32.5 39.6 43.8 36.2 44.2	PM2.5 (ug/m3) 26.3 27.0 16.0 19.1 24.4 17.7 21.9 24.1 22.5 24.5 29.5 39.3 34.0	PM2.5 (ug/m3) 16.8 12.5 10.0 18.1 22.2 11.3 14.9 21.8 28.3 30.2 30.8 29.8	(ug/m3) 12.6 12.2 8.7 10 16.5 9.2 19.3 16.7 17.2 29.8 23.7 26.2 42.3	(ug/m3) 23.0 38.4 27.1 33.2 33.9 22.7 67.1 42.4 551.9 22.6 65.5 77.8 19.9	(ug/m3) 34.0 24.8 40.5 10.5 22.6 31.3 38.5 48.9 29.8 15.4 40.5 19.2	PM2.5 (ug/m3) 24.2 24.7 42.2 8.5 9.9 27.3 26.6 30.6 48.8 7.3 16.4 33.1 40.5	(ug/m3) 10.9 11.8 11.4 13.3 17.8 10.0 17.0 25.7 20.4 24.3 24.4 29.4 15.6	(ug/m3) 15 14.1 13.3 18.7 10.8 8 34.8 23.1 15.3 20.5 21.6 170.2 34.4	(ug/m3) 11.5 13.7 9.8 12.7 11.8 9.2 20.1 24.0 19.7 21.7 24.1 27.0	(ug/m3) 12.6 12.2 8.7 10 16.5 9.2 19.3 16.7 17.2 29.8 23.7 26.2 42.3	PM2.5 (ug/m3) 43.0 29.7 19.3 23.0 37.2 20.4 22.5 37.8 52.3 41.1 47.4 42.0	(ug/m3) 46.7 23.0 13.9 35.0 28.0 10.4 29.2 27.8 32.1 30.1 32.2 48.3 41.9	PM2.5 (ug/m3) 31.6 26.8 8.6 13.6 34.6 7.7 15.5 14.5 33.9 34.9 41.0 30.2	0.28 PM2.5 (ug/m3) 22.7 24.7 17.1 18.7 22.2 14.3 25.3 26.0 30.0 26.5 30.5 43.1 30.9 25.5
1 1 1 2 2 2 2 2	Point Location Description 1 East Corner of Tip Floor Rol 2 Near Residual Pile on Tip Fl 3 Corridor Between MRF and 4 Between C1450 and C520 5 Near C740 6 Near MRF Floor Sump 7 Between C500 and Eyewasi 8 Between D390 and C980 9 Between D390 and D120 10 Between D180 and D120 11 Between M140 and D101 12 Between Trommels 13 Between AWS 550s	oor I Tip Floor (air moving from MRF to Tip Floor)	PM2.5 (ug/m3) 27.7 31.9 23.3 17.8 40 19.5 23 33.4 42.6 51.5 43.5 39.1 38.2	(ug/m3) 23.0 38.4 27.1 33.2 33.9 22.7 67.1 42.4 51.9 22.6 65.5 77.8 19.9	PM2.5 (ug/m3) 18.9 12.0 13.5 10.4 13.6 13.6 15.7 10.2 11.6 12.7 12.3 12.5	(ug/m3) 10.8 9.4 9.0 11.3 8.9 6.3 8.6 9.7 13.1 8.8 10.4 7.3 9.3	PM2.5 (ug/m3) 19.9 38.1 7.3 12.2 22.2 6.7 16.6 19.9 16.7 17.7 22.8 21.3 32.7	PM2.5 (ug/m3) 26.9 48.2 14.6 12.7 19.4 14.5 17.0 18.7 24.7 31.5 16.4 48.6 50.2	PM2.5 (ug/m3) 18.2 44.4 19.5 46.8 32.3 17.1 23.1 35.6 32.5 39.6 43.8 36.2 44.2	PM2.5 (ug/m3) 26.3 27.0 16.0 19.1 21.7 21.9 24.1 22.5 24.5 29.5 39.3 34.0	PM2.5 (ug/m3) 16.8 12.5 10.0 18.1 22.2 11.3 14.9 21.8 28.3 30.2 30.8 29.8 28.9	(ug/m3) 12.6 12.2 8.7 10 16.5 9.2 19.3 16.7 17.2 29.8 23.7 26.2 42.3	(ug/m3) 23.0 38.4 27.1 33.2 33.9 22.7 67.1 42.4 51.9 22.6 65.5 77.8 19.9	(ug/m3) 34.0 24.8 40.5 10.5 12.5 22.6 31.3 38.5 48.9 29.8 15.4 40.5	PM2.5 (ug/m3) 24.2 24.7 42.2 8.5 9.9 27.3 26.6 30.6 48.8 7.3 16.4 33.1 40.5	(ug/m3) 10.9 11.8 11.4 13.3 17.8 10.0 17.0 25.7 20.4 24.3 24.4 29.4 15.6	(ug/m3) 15 14.1 13.3 18.7 10.8 8 34.8 23.1 15.3 20.5 21.6 170.2 34.4	(ug/m3) 11.5 13.7 9.8 12.7 11.8 9.2 20.1 24.0 19.7 21.7 24.1 27.0 12.5	(ug/m3) 12.6 12.2 8.7 10 16.5 9.2 19.3 16.7 17.2 29.8 23.7 26.2 42.3	PM2.5 (ug/m3) 43.0 29.7 19.3 23.0 37.2 20.4 22.5 37.8 52.3 41.1 47.4 42.0 40.2	(ug/m3) 46.7 23.0 13.9 35.0 28.0 10.4 29.2 27.8 32.1 30.1 32.2 48.3 41.9	PM2.5 (ug/m3) 31.6 26.8 8.6 13.6 34.6 7.7 15.5 14.5 33.9 34.9 41.0 30.2 39	0.28 PM2.5 (ug/m3) 22.7 24.7 17.1 18.7 22.2 14.3 25.3 26.0 30.0 26.5 30.5 43.1 30.9 25.5 PM10
	Point Location Description 1 East Corner of Tip Floor Rol 2 Near Residual Pile on Tip Fl 3 Corridor Between MRF and 4 Between C1450 and C520 5 Near C740 Setween C500 and Eyewas! 8 Between C500 and Eyewas! 8 Between D500 and Eyewas! 8 Between D500 and D430 10 Between D180 and D120 11 Between D180 and D101 12 Between Trommels 13 Between AWS 550s Point Location Description	oor I Tip Floor (air moving from MRF to Tip Floor) h, In Front of Control Room	PM2.5 (ug/m3) 27.7 31.9 23.3 17.8 40 19.5 23 33.4 42.6 51.5 43.5 39.1 38.2	(ug/m3) 23.0 38.4 27.1 33.2 33.9 22.7 67.1 42.4 51.9 22.6 65.5 77.8 19.9	PM2.5 (ug/m3) 18.9 12.0 13.5 10.4 13.6 10.5 15.7 10.2 11.6 12.7 12.3 12.5 PM10 (ug/m3)	(ug/m3) 10.8 9.4 9.0 11.3 8.9 6.3 8.6 9.7 13.1 8.8 10.4 7.3 9.3	PM2.5 (ug/m3) 19.9 19.9 12.2 22.2 6.7 16.6 19.9 16.7 17.7 22.8 21.3 32.7 PM10 (ug/m3)	PM2.5 (ug/m3) 26.9 14.6 12.7 19.4 14.5 17.0 18.7 24.7 31.5 16.4 48.6 50.2 PM10 (ug/m3)	PM2.5 (ug/m3) 18.2 44.4 19.5 46.8 32.3 17.1 23.1 35.6 32.5 39.6 43.8 36.2 44.2 PM10 (ug/m3)	PM2.5 (ug/m3) 26.3 27.0 16.0 19.1 24.4 17.7 21.9 24.1 22.5 24.5 29.5 39.3 34.0	PM2.5 (ug/m3) 16.8 12.5 10.0 18.1 22.2 11.3 14.9 21.8 28.3 30.2 29.8 28.9	(ug/m3) 12.6 12.2 8.7 10 16.5 9.2 19.3 16.7 17.2 29.8 23.7 26.2 42.3	(ug/m3) 23.0 38.4 27.1 33.2 33.9 22.7 67.1 42.4 51.9 22.6 65.5 77.8 19.9	(ug/m3) 34.0 24.8 40.5 10.5 12.5 22.6 31.3 38.5 48.9 29.8 15.4 40.5 19.2 PM10 (ug/m3)	PM2.5 (ug/m3) 24.2 24.7 42.2 8.5 9.9 27.3 26.6 48.8 7.3 16.4 49.5 PM10 (ug/m3)	(ug/m3) 10.9 11.8 11.4 13.3 17.8 10.0 25.7 20.4 24.3 24.4 29.4 15.6	(ug/m3) 15 14.1 13.3 18.7 10.8 8 23.1 15.3 20.5 21.6 170.2 34.4 PM10 (ug/m3)	(ug/m3) 11.5 13.7 9.8 12.7 11.8 9.2 20.1 24.0 19.7 21.7 24.1 27.0 12.5 PM10 (ug/m3)	(ug/m3) 12.6 12.2 8.7 10 16.5 9.2 19.3 16.7 17.2 29.8 23.7 26.2 42.3	PM2.5 (ug/m3) 43.0 29.7 19.3 23.0 37.2 20.4 22.5 37.8 52.3 41.1 47.4 42.0 40.2	(ug/m3) 46.7 23.0 13.9 35.0 28.0 10.4 29.2 27.8 32.1 30.1 32.2 48.3 41.9 PM10 (ug/m3)	PM2.5 (ug/m3) 31.6 26.8 8.6 13.6 34.6 7.7 15.5 33.9 34.9 41.0 30.2 39	0.28 PM2.5 (ug/m3) 22.7 24.7 17.1 18.7 22.2 14.3 25.3 26.0 30.0 26.5 30.5 43.1 30.9 25.5 PM10 (ug/m3)
	Point Location Description 1 East Corner of Tip Floor Rol 2 Near Residual Pile on Tip Fl 3 Corridor Between MRF and 4 Between C1450 and C520 5 Near C740 6 Near MRF Floor Sump 7 Between C500 and Eyewas! 8 Between C500 and Eyewas! 8 Between D930 and C980 9 Between D930 and D930 10 Between D180 and D120 11 Between M140 and D101 12 Between T40 and D101 13 Between AWS 550s Point Location Description 1 East Corner of Tip Floor Rol	oor I Tip Floor (air moving from MRF to Tip Floor) h, In Front of Control Room Iliup Door	PM2.5 (ug/m3) 27.7 31.9 23.3 17.8 40 19.5 23 33.4 42.6 51.5 43.5 39.1 38.2	(ug/m3) 23.0 38.4 27.1 33.2 33.9 22.7 67.1 42.4 51.9 22.6 65.5 77.8 19.9 PM10 (ug/m3) 36.9	PM2.5 (ug/m3) 18.9 13.3 12.0 13.5 10.4 13.6 10.5 15.7 10.2 11.6 12.7 12.3 12.5 PM10 (ug/m3) 27.4	(ug/m3) 10.8 9.4 9.0 11.3 8.9 6.3 8.6 9.7 13.1 8.8 10.4 7.3 9.3	PM2.5 (ug/m3) 19.9 38.1 7.3 12.2 6.7 16.6 19.9 16.7 17.7 22.8 21.3 32.7 PM10 (ug/m3) 30.7	PM2.5 (ug/m3) 26.9 48.2 14.6 12.7 19.4 14.5 17.0 18.7 24.7 31.5 16.4 48.6 50.2 PM10 (ug/m3) 50.5	PM2.5 (ug/m3) 18.2 44.4 19.5 46.8 32.3 17.1 23.1 35.6 32.5 39.6 43.8 36.2 44.2 PM10 (ug/m3) 28.4	PM2.5 (ug/m3) 26.3 27.0 16.0 19.1 24.4 17.7 21.9 24.5 24.5 29.5 39.3 34.0 PM10 (ug/m3) 41.4	PM2.5 (ug/m3) 16.8 12.5 10.0 18.1 22.2 11.3 14.9 21.8 30.2 30.8 29.8 28.9 PM10 (ug/m3) 23.1	(ug/m3) 12.6 12.2 8.7 10 16.5 9.2 19.3 16.7 17.2 29.8 23.7 26.2 42.3	(ug/m3) 23.0 38.4 27.1 33.2 33.9 22.7 67.1 42.4 51.9 22.6 65.5 77.8 19.9 PM10 (ug/m3) 36.9	(ug/m3) 34.0 24.8 40.5 10.5 10.5 22.6 31.3 38.5 48.9 29.8 15.4 40.5 19.2	PM2.5 (ug/m3) 24.2 24.7 42.2 8.5 9.9 27.3 26.6 30.6 48.8 7.3 16.4 33.1 40.5 PM10 (ug/m3) 44.4	(ug/m3) 10.9 11.8 11.4 13.3 17.8 10.0 17.0 25.7 20.4 24.3 24.4 15.6 PM10 (ug/m3)	(ug/m3) 15 14.1 13.3 18.7 10.8 8 34.8 23.1 15.3 20.5 21.6 170.2 34.4 PM10 (ug/m3) 23.3	(ug/m3) 11.5 13.7 9.8 12.7 11.8 9.2 20.1 24.0 19.7 21.7 24.1 27.0 12.5 PM10 (ug/m3)	(ug/m3) 12.6 12.2 8.7 10 16.5 9.2 19.3 16.7 17.2 29.8 23.7 26.2 42.3	PM2.5 (ug/m3) 43.0 29.7 19.3 37.2 20.4 22.5 37.8 52.3 41.1 47.4 42.0 (ug/m3) 74.8	(ug/m3) 46.7 23.0 13.9 35.0 28.0 10.4 29.2 27.8 32.1 30.1 32.2 48.3 41.9 PM10 (ug/m3) 81.8	PM2.5 (ug/m3) 31.6 26.8 8.6 13.6 7.7 15.5 14.5 33.9 34.9 41.0 30.2 39	0.28 PM2.5 (ug/m3) 22.7 24.7 17.1 18.7 22.2 14.3 25.3 26.0 30.0 26.5 30.5 43.1 30.9 25.5 PM10 (ug/m3) 35.3
	Point Location Description 1 East Corner of Tip Floor Rol 2 Near Residual Pile on Tip Fl 3 Corridor Between MRF and 4 Between C1450 and C520 5 Near C740 6 Near MRF Floor Sump 7 Between C500 and Eyewasl 8 Between D390 and C980 9 Between D390 and D120 10 Between D180 and D120 11 Between M140 and D101 12 Between M140 and D101 12 Between AWS 550s Point Location Description 1 East Corner of Tip Floor Rol 2 Near Residual Pile on Tip Fl	oor I Tip Floor (air moving from MRF to Tip Floor) h, In Front of Control Room Iliup Door	PM2.5 (ug/m3) 27.7 31.9 23.3 17.8 40 19.5 23 42.6 51.5 43.5 33.1 38.2 PM10 (ug/m3) 38.9	(ug/m3) 23.0 38.4 27.1 33.2 33.9 22.7 67.1 42.4 51.9 22.6 65.5 77.8 19.9	PM2.5 (ug/m3) 18.9 12.0 13.5 10.4 13.6 10.5 15.7 10.2 11.6 12.7 12.3 12.5 PM10 (ug/m3)	(ug/m3) 10.8 9.4 9.0 11.3 8.9 6.3 8.6 9.7 13.1 8.8 10.4 7.3 9.3	PM2.5 (ug/m3) 19.9 19.9 12.2 22.2 6.7 16.6 19.9 16.7 17.7 22.8 21.3 32.7 PM10 (ug/m3)	PM2.5 (ug/m3) 26.9 14.6 12.7 19.4 14.5 17.0 18.7 24.7 31.5 16.4 48.6 50.2 PM10 (ug/m3)	PM2.5 (ug/m3) 18.2 44.4 19.5 46.8 32.3 17.1 23.1 35.6 32.5 39.6 43.8 36.2 44.2 PM10 (ug/m3)	PM2.5 (ug/m3) 26.3 27.0 16.0 19.1 24.4 17.7 21.9 24.1 22.5 24.5 29.5 39.3 34.0	PM2.5 (ug/m3) 16.8 12.5 10.0 18.1 22.2 11.3 14.9 21.8 28.3 30.2 29.8 28.9	(ug/m3) 12.6 12.2 8.7 10 16.5 9.2 19.3 16.7 17.2 29.8 23.7 26.2 42.3	(ug/m3) 23.0 38.4 27.1 33.2 33.9 22.7 67.1 42.4 51.9 22.6 65.5 77.8 19.9	(ug/m3) 34.0 24.8 40.5 10.5 12.5 22.6 31.3 38.5 48.9 29.8 15.4 40.5 19.2 PM10 (ug/m3)	PM2.5 (ug/m3) 24.2 24.7 42.2 8.5 9.9 27.3 26.6 48.8 7.3 16.4 49.5 PM10 (ug/m3)	(ug/m3) 10.9 11.8 11.4 13.3 17.8 10.0 25.7 20.4 24.3 24.4 29.4 15.6	(ug/m3) 15 14.1 13.3 18.7 10.8 8 23.1 15.3 20.5 21.6 170.2 34.4 PM10 (ug/m3)	(ug/m3) 11.5 13.7 9.8 12.7 11.8 9.2 20.1 24.0 19.7 21.7 24.1 27.0 12.5 PM10 (ug/m3)	(ug/m3) 12.6 12.2 8.7 10 16.5 9.2 19.3 16.7 17.2 29.8 23.7 26.2 42.3	PM2.5 (ug/m3) 43.0 29.7 19.3 23.0 37.2 20.4 22.5 37.8 52.3 41.1 47.4 42.0 40.2	(ug/m3) 46.7 23.0 13.9 35.0 28.0 10.4 29.2 27.8 32.1 30.1 32.2 48.3 41.9 PM10 (ug/m3)	PM2.5 (ug/m3) 31.6 26.8 8.6 13.6 34.6 7.7 15.5 33.9 34.9 41.0 30.2 39	0.28 PM2:5 (ug/m3) 22.7 24.7 17.1 18.7 22.2 14.3 25.3 26.0 30.0 26.5 30.5 43.1 30.9 25.5 PM10 (ug/m3)
MSW	Point Location Description 1 East Corner of Tip Floor Rol 2 Near Residual Pile on Tip Fl 3 Corridor Between MRF and 4 Between C1450 and C520 5 Near C740 6 Near MRF Floor Sump 7 Between D500 and Eyewasi 8 Between D500 and D430 9 Between D500 and D430 10 Between D500 and D120 11 Between M140 and D101 12 Between M140 and D101 12 Between M40 and D101 13 Between M40 S50s Point Location Description 1 East Corner of Tip Floor Rol 2 Near Residual Pile on Tip Fl 3 Corridor Between MRF and 4 Between C1450 and C520 Between C1450 and C520 C52	OOR ITIP Floor (air moving from MRF to Tip Floor) h, In Front of Control Room Illup Door oor	PM2.5 (ug/m3) 27.7 31.9 23.3 17.8 40 19.5 23 33.4 42.6 51.5 43.5 39.1 38.2 PM10 (ug/m3) 38.9 47.9	(ug/m3) 23.0 38.4 27.1 33.2 33.9 22.7 67.1 42.4 51.9 22.6 65.5 77.8 19.9 PM10 (ug/m3) 36.9 62.7 45.1 52.1	PM2.5 (ug/m3) 18.9 13.3 12.0 13.5 10.4 13.6 10.5 15.7 10.2 11.6 12.7 12.3 12.5 PM10 (ug/m3) 27.4 19.7 17.9 19.2	(ug/m3) 10.8 9.4 9.0 11.3 8.9 6.3 8.6 9.7 13.1 8.8 10.4 7.3 9.3 PM10 (ug/m3) 16.0 13.8 13.1 17.8	PM2.5 (ug/m3) 19.9 38.1 7.3 12.2 22.2 6.7 16.6 19.9 16.7 17.7 22.8 21.3 32.7 PM10 (ug/m3) 30.7 61.4 9.6 19.5	PM2.5 (ug/m3) 26.9 48.2 14.6 12.7 19.4 14.5 17.0 18.7 24.7 31.5 16.4 48.6 50.2 PM10 (ug/m3) 50.5 72.1 22.0 21.4	PM2.5 (ug/m3) 18.2 44.4 19.5 46.8 32.3 17.1 23.1 35.6 32.5 39.6 43.8 36.2 44.2 PM10 (ug/m3) 28.4 73.7 30.7 82.0	PM2.5 (ug/m3) 26.3 27.0 16.0 19.1 24.4 17.7 21.9 24.1 22.5 24.5 29.5 39.3 34.0 PM10 (ug/m3) 41.4 42.4 23.4 30.1	PM2.5 (ug/m3) 16.8 12.5 10.0 18.1 22.2 11.3 14.9 21.8 28.3 30.2 30.8 29.8 29.8 29.9 28.9 19.7 11.6 19.7	(ug/m3) 12.6 12.2 8.7 10 16.5 9.2 19.3 16.7 17.2 29.8 23.7 26.2 42.3 PM10 (ug/m3) 20.1 18.2 15.1 14.7	(ug/m3) 23.0 23.0 38.4 27.1 33.2 33.9 22.7 67.1 42.4 51.9 22.6 65.5 77.8 19.9 PM10 (ug/m3) 36.9 62.7 45.1	(ug/m3) 34.0 24.8 40.5 10.5 12.5 22.6 31.3 38.5 48.9 29.8 15.4 40.5 19.2 PM10 (ug/m3) 20.1 26.5 28.4	PM2.5 (ug/m3) 24.2 24.7 42.2 8.5 9.9 27.3 26.6 30.6 48.8 7.3 16.4 33.1 40.5 PM10 (ug/m3) 44.4 52.4 90.5	(ug/m3) 10.9 11.8 11.4 13.3 17.8 10.0 17.0 25.7 20.4 24.3 24.4 29.4 15.6 PM10 (ug/m3) 16.5 18.1 16.9 19.6	(ug/m3) 15 14.1 13.3 18.7 10.8 8 34.8 23.1 15.3 20.5 21.6 170.2 34.4 PM10 (ug/m3) 23.3 21.3 19.6 28.6	(ug/m3) 11.5 13.7 9.8 12.7 11.8 9.2 20.1 24.0 19.7 21.7 24.1 27.0 (ug/m3) 19.1 18.9 17.2 27.1	(ug/m3) 12.6 12.2 8.7 10 16.5 9.2 19.3 16.7 17.2 29.8 23.7 26.2 42.3 PM10 (ug/m3) 20.1 18.2 15.1	PM2.5 (ug/m3) 43.0 29.7 19.3 23.0 37.2 20.4 22.5 37.8 52.3 41.1 47.4 42.0 40.2 PM10 (ug/m3) 74.8 61.5 33.8	(ug/m3) 46.7 23.0 13.9 35.0 10.4 29.2 27.8 32.1 30.1 32.2 48.3 41.9 PM10 (ug/m3) 81.8 49.6 23.0 57.4	PM2.5 (ug/m3) 31.6 26.8 8.6 13.6 13.6 34.6 7.7 15.5 14.5 33.9 41.0 30.2 39 PM10 (ug/m3) 55.6 37.2 13.9 21.9	0.28 PM2.5 (ug/m3) 22.7 24.7 17.1 18.7 22.2 14.3 25.3 26.0 30.0 26.5 30.5 43.1 30.9 25.5 PM10 (ug/m3) 35.3 39.9 26.9 31.8
MSW	Point Location Description 1 East Corner of Tip Floor Rol 2 Near Residual Pile on Tip Fl 3 Corridor Between MRF and 4 Between C1450 and C520 5 Near C740 6 Near MRF Floor Sump 7 Between C900 and Eyewasi 8 Between D903 and C980 9 Between D903 and D120 11 Between D903 and D120 11 Between D180 and D120 12 Between M140 and D101 12 Between M150 and D120 13 Between AWS 550s Point Location Description 1 East Corner of Tip Floor Rol 2 Near Residual Pile on Tip Fl 3 Corridor Between MRF and 4 Between C1450 and C520 5 Near C740 Control Floor Rol	OOR ITIP Floor (air moving from MRF to Tip Floor) h, In Front of Control Room Illup Door oor	PM2.5 (ug/m3) 27.7 31.9 23.3 17.8 40 19.5 23 33.4 42.6 51.5 43.5 39.1 (ug/m3) 38.9 47.9 46.1 26.6 66.7	(ug/m3) 23.0 38.4 27.1 33.2 33.9 22.7 67.1 42.4 51.9 22.6 65.5 77.8 19.9 PM10 (ug/m3) 36.9 62.7 45.1 52.1 51.8	PM2.5 (ug/m3) 18.9 13.3 12.0 13.5 10.4 13.6 10.5 15.7 10.2 11.6 12.7 12.3 12.5 PM10 (ug/m3) 19.7 17.9 19.7	(ug/m3) 10.8 9.4 9.0 11.3 8.9 6.3 8.6 9.7 13.1 8.8 10.4 7.3 9.3 PM10 (ug/m3) 16.0 13.8 13.1 17.8	PM2.5 (ug/m3) 19.9 38.1 7.3 12.2 22.2 6.7 16.6 19.9 16.7 22.8 21.3 32.7 PM10 (ug/m3) 61.4 9.6 19.5	PM2.5 (ug/m3) 26.9 48.2 14.6 12.7 19.4 14.5 17.0 18.7 24.7 31.5 16.4 48.6 50.2 PM10 (ug/m3) 50.5 72.1 22.0 21.4 27.9	PM2.5 (ug/m3) 18.2 44.4 19.5 46.8 32.3 17.1 23.1 35.6 32.5 39.6 43.8 36.2 44.2 PM10 (ug/m3) 28.4 7.3,7 30.7 82.0	PM2.5 (ug/m3) 26.3 27.0 16.0 19.1 24.4 17.7 21.9 24.1 22.5 24.5 29.5 39.3 34.0 PM10 (ug/m3) 41.4 42.4 30.1 37.4	PM2.5 (ug/m3) 16.8 12.5 10.0 18.1 22.2 11.3 14.9 21.8 28.3 30.2 30.8 29.8 29.8 29.8 19.7 19.7 13.6 26.2 34.1	(ug/m3) 12.6 12.2 8.7 10 16.5 9.2 19.3 16.7 17.2 29.8 23.7 26.2 42.3 PM10 (ug/m3) 20.1 18.2 15.1 14.7 25.5	(ug/m3) 23.0 23.0 38.4 27.1 33.2 33.9 22.7 67.1 42.4 51.9 22.6 65.5 77.8 19.9 PM10 (ug/m3) 36.9 62.7 45.1 52.1	(ug/m3) 34.0 24.8 40.5 10.5 12.5 22.6 31.3 38.5 48.9 29.8 15.4 40.5 19.2 PM10 (ug/m3) 20.1 26.5 28.4 14.0	PM2.5 (ug/m3) 24.2 24.7 42.2 8.5 9.9 27.3 26.6 30.6 48.8 7.3 16.4 33.1 40.5 PM10 (ug/m3) 44.4 52.4 90.5 59.9 43.8	(ug/m3) 10.9 11.8 11.8 11.4 13.3 17.8 10.0 17.0 25.7 20.4 24.3 24.4 29.4 15.6 PM10 (ug/m3) 16.5 18.1 16.9 19.2	(ug/m3) 15 14.1 13.3 18.7 10.8 8 34.8 23.1 15.3 20.5 21.6 170.2 34.4 PM10 (ug/m3) 23.3 19.6 28.6	(ug/m3) 11.5 13.7 9.8 12.7 11.8 9.2 20.1 24.0 19.7 21.7 21.7 24.1 27.0 12.5 PM10 (ug/m3) 19.1 18.9 17.2 21.1 23.3	(ug/m3) 12.6 12.2 8.7 10 16.5 9.2 19.3 16.7 17.2 29.8 23.7 26.2 42.3	PM2.5 (ug/m3) 43.0 29.7 19.3 23.0 37.2 20.4 22.5 37.8 52.3 41.1 47.4 42.0 40.2 PM10 (ug/m3) 74.8 61.5 31.7 36.8	(ug/m3) 46.7 23.0 13.9 35.0 28.0 10.4 29.2 27.8 32.1 30.1 32.2 48.3 41.9 PM10 (ug/m3) 81.8 49.6 23.0 57.4	PM2.5 (ug/m3) 31.6 26.8 8.6 13.6 34.6 7.7 15.5 14.5 33.9 34.9 41.0 30.2 39 PM10 (ug/m3) 55.6 37.2 13.9 21.9 57.3	0.28 PM2.5 (ug/m3) 22.7 24.7 17.1 18.7 22.2 14.3 25.3 26.0 30.0 26.5 30.5 43.1 30.9 25.5 43.1 30.9 25.3 30.9 26.5 30.9 30.0 40.0 40.0 40.0 40.0 40.0 40.0 40.0
Msw	Point Location Description 1 East Corner of Tip Floor Rol 2 Near Residual Pile on Tip Fl 3 Corridor Between MRF and 4 Between C1450 and C520 5 Near C740 6 Near MRF Floor Sump 7 Between C500 and Eyewas! 8 Between C500 and Eyewas! 8 Between D500 and D430 10 Between D180 and D120 11 Between D180 and D120 12 Between D400 and D101 12 Between T07mells 13 Between AWS 550s Point Location Description 1 East Corner of Tip Floor Rol 2 Near Residual Pile on Tip Fl 3 Corridor Between MRF and 4 Between C1450 and C520 5 Near C740 6 Near MRF Floor Sump	OOF ITIP Floor (air moving from MRF to Tip Floor) h, In Front of Control Room llup Door OOF ITIP Floor (air moving from MRF to Tip Floor)	PM2.5 (ug/m3) 27.7 31.9 23.3 17.8 40 19.5 23 33.4 42.6 51.5 43.5 39.1 38.2 PM10 (ug/m3) 38.9 47.9 46.1 26.6 66.7 28.8	(ug/m3) 23.0 38.4 27.1 33.2 33.9 22.7 67.1 42.4 51.9 22.6 65.5 77.8 19.9 PM10 (ug/m3) 36.9 62.7 45.1 52.1 51.8 34.4	PM2.5 (ug/m3) 18.9 13.3 12.0 13.5 10.4 13.6 10.5 15.7 10.2 11.6 12.7 12.3 12.5 PM10 (ug/m3) 27.4 17.9 19.2 15.0 20.1	(ug/m3) 10.8 9.4 9.0 11.3 8.9 6.3 8.6 9.7 13.1 8.8 10.4 7.3 9.3 PM10 (ug/m3) 16.0 13.8 13.1 17.8 13.9	PM2.5 (ug/m3) 19.9 38.1 7.3 12.2 22.2 6.7 16.6 19.9 16.7 22.8 21.3 32.7 PM10 (ug/m3) 30.7 61.4 9.6 19.5 37.4 8.6	PM2.5 (ug/m3) 26.9 48.2 14.6 12.7 19.4 14.5 17.0 18.7 24.7 31.5 16.4 48.6 50.2 PM10 (ug/m3) 50.5 72.1 22.0 21.4 27.9 21.5	PM2.5 (ug/m3) 18.2 44.4 19.5 46.8 32.3 17.1 23.1 35.6 32.5 39.6 43.8 36.2 44.2 PM10 (ug/m3) 28.4 73.7 30.7 82.0 48.8 26.1	PM2.5 (ug/m3) 26.3 27.0 16.0 19.1 24.4 17.7 21.9 24.1 22.5 24.5 29.5 39.3 34.0 PM10 (ug/m3) 41.4 42.4 30.1 37.4 30.1	PM2.5 (ug/m3) 16.8 12.5 10.0 18.1 22.2 11.3 30.2 30.8 29.8 28.9 PM10 (ug/m3) 23.1 19.7 13.6 26.2 34.1	(ug/m3) 12.6 12.2 8.7 10 16.5 9.2 19.3 16.7 17.2 29.8 23.7 26.2 42.3 PM10 (ug/m3) 18.2 15.1 14.7 25.5	(ug/m3) 23.0 38.4 27.1 33.2 33.9 22.7 67.1 42.4 51.9 22.6 65.5 77.8 19.9 PM10 (ug/m3) 36.9 62.7 45.1 52.1 51.8	(ug/m3) 34.0 24.8 40.5 10.5 12.5 22.6 31.3 38.5 48.9 29.8 15.4 40.5 19.2 19.2 19.2 19.2 14.0 14.1 14.0	PM2.5 (ug/m3) 24.2 24.7 42.2 8.5 9.9 27.3 26.6 30.6 48.8 7.3 16.4 33.1 40.5 PM10 (ug/m3) 44.4 90.5 59.9 43.8	(ug/m3) 10.9 11.8 11.8 11.4 13.3 17.8 10.0 17.0 25.7 20.4 24.3 24.4 29.4 15.6 (ug/m3) 16.5 18.1 16.9 19.6 27.3	(ug/m3) 15 14.1 13.3 18.7 10.8 8 34.8 23.1 15.3 20.5 21.6 170.2 34.4 (ug/m3) 23.3 21.3 19.6 28.6 17 12.3	(ug/m3) 11.5 13.7 9.8 12.7 11.8 9.2 20.1 24.0 19.7 21.7 24.1 27.0 12.5 PM10 (ug/m3) 19.1 18.9 17.2 21.1 23.3 14.3	(ug/m3) 12.6 12.2 8.7 10 16.5 9.2 19.3 16.7 17.2 29.8 23.7 26.2 42.3 PM10 (ug/m3) 20.1 18.2 15.1 14.7 25.5	PM2.5 (ug/m3) 43.0 29.7 19.3 23.0 37.2 20.4 22.5 37.8 52.3 41.1 47.4 42.0 40.2 PM10 (ug/m3) 74.8 61.7 36.8 61.7 32.5	(ug/m3) 46.7 23.0 13.9 35.0 12.9 35.0 10.4 29.2 27.8 32.1 30.1 32.2 48.3 41.9 PM10 (ug/m3) 81.8 49.6 23.0 57.4 45.0	PM2.5 (ug/m3) 31.6 26.8 8.6 13.6 34.6 7.7 15.5 14.5 33.9 34.9 41.0 30.2 39 PM10 (ug/m3) 55.6 37.2 13.9 21.9 57.3	0.28 PM2:5 (ug/m3) 22.7 24.7 17.1 18.7 22.2 14.3 25.3 26.0 30.0 26.5 30.5 43.1 30.9 25.5 PM10 (ug/m3) 35.3 35.3 36.9 26.9 31.8 36.9
MSW	Point Location Description 1 East Corner of Tip Floor Rol 2 Near Residual Pile on Tip Fl 3 Corridor Between MRF and 4 Between C1450 and C520 5 Near C740 6 Near MRF Floor Sump 7 Between D500 and Eyewas1 8 Between D500 and Eyewas1 10 Between D300 and D10 11 Between D180 and D10 11 Between D180 and D10 12 Between MRF and D10 13 Between MRF and D10 14 Between MRF and D10 15 Between MRF and D10 16 Setween MRF and D10 17 Between MRF and D10 18 Between MRF and D10 19 Near Residual Pile on Tip Fl 3 Corridor Between MRF and 4 Between C450 and C520 5 Near C740 7 Between C500 and Eyewas1	OOF ITIP Floor (air moving from MRF to Tip Floor) h, In Front of Control Room llup Door OOF ITIP Floor (air moving from MRF to Tip Floor)	PM2.5 (ug/m3) 27.7 31.9 23.3 17.8 40 19.5 23 33.4 42.6 51.5 43.5 39.1 38.2 PM10 (ug/m3) 38.9 47.9 46.6 66.7 28.8 36.1	(ug/m3) 23.0 38.4 27.1 33.2 33.9 22.7 67.1 42.4 51.9 22.6 65.5 77.8 19.9 PM10 (ug/m3) 36.9 62.7 45.1 52.1 51.8 34.4 108.1	PM2.5 (ug/m3) 18.9 13.3 12.0 13.5 10.4 13.5 10.5 15.7 10.2 11.6 12.7 12.3 12.5 PM10 (ug/m3) 27.4 19.7 17.9 19.2 15.0	(ug/m3) 10.8 9.4 9.0 11.3 8.9 6.3 8.6 9.7 13.1 8.8 10.4 7.3 9.3 PM10 (ug/m3) 16.0 13.8 13.1 17.8 13.9	PM2.5 (ug/m3) 19.9 38.1 7.3 12.2 22.2 6.7 16.6 19.9 16.7 17.7 22.8 21.3 32.7 PM10 (ug/m3) 30.7 61.4 9.6 19.5 37.4	PM2.5 (ug/m3) 26.9 48.2 14.6 12.7 19.4 14.5 17.0 18.7 24.7 31.5 16.4 48.6 50.2 PM10 (ug/m3) 50.5 72.1 22.0 21.4 27.9 21.5	PM2.5 (ug/m3) 18.2 44.4 19.5 46.8 32.3 17.1 23.1 35.6 32.5 39.6 43.8 36.2 44.2 PM10 (ug/m3) 28.4 73.7 30.7 82.0 48.8 26.1 38.3	PM2.5 (ug/m3) 26.3 27.0 16.0 19.1 24.4 17.7 21.9 24.1 22.5 24.5 29.5 39.3 34.0 PM10 (ug/m3) 41.4 42.4 23.4 30.1 37.4 27.8	PM2.5 (ug/m3) 16.8 12.5 10.0 18.1 22.2 11.3 14.9 21.8 30.2 30.2 30.8 29.8 28.9 PM10 (ug/m3) 23.1 19.7 13.6 26.2 34.1 16.7 22.0	(ug/m3) 12.6 12.2 8.7 10 16.5 9.2 19.3 16.7 17.2 29.8 23.7 26.2 42.3 PM10 (ug/m3) 20.1 18.2 15.1 14.7 25.5 16.1	(ug/m3) 23.0 23.0 38.4 27.1 33.2 33.9 22.7 67.1 42.4 51.9 22.6 65.5 77.8 19.9 PM10 (ug/m3) 36.9 62.7 45.1 52.1 51.8 34.4 108.1	(ug/m3) 34.0 24.8 40.5 10.5 12.5 22.6 31.3 38.5 48.9 29.8 15.4 40.5 19.2 PM10 (ug/m3) 20.1 26.5 28.4 14.0 14.1 26.22	PM2.5 (ug/m3) 24.2 24.7 42.2 8.5 9.9 27.3 26.6 30.6 48.8 7.3 16.4 33.1 40.5 PM10 (ug/m3) 44.4 52.4 90.5 59.9 43.8 65.2	(ug/m3) 10.9 11.8 11.8 11.4 13.3 17.8 10.0 17.0 25.7 20.4 24.3 24.4 29.4 15.6 PM10 (ug/m3) 16.5 18.1 16.9 19.6 27.3 14.5 25.3	(ug/m3) 15 14.1 13.3 18.7 10.8 8 34.8 23.1 15.3 20.5 21.6 170.2 34.4 PM10 (ug/m3) 23.3 21.3 19.6 28.6 17 12.3 55.8	(ug/m3) 11.5 13.7 9.8 12.7 11.8 9.2 20.1 12.4.0 19.7 22.7 21.7 27.0 12.5 PM10 (ug/m3) 19.1 18.9 17.2 21.1 23.3 14.3 31.3	(ug/m3) 12.6 12.2 8.7 10 16.5 9.2 19.3 16.7 17.2 29.8 23.7 26.2 42.3 PM10 (ug/m3) 20.1 18.2 15.1 14.7 25.5 16.1	PM2.5 (ug/m3) 43.0 29.7 19.3 23.0 37.2 20.4 22.5 37.8 52.3 41.1 47.4 42.0 40.2 PM10 (ug/m3) 74.8 61.5 33.8 61.5 33.8	(ug/m3) 46.7 23.0 13.9 35.0 10.4 29.2 27.8 32.1 30.1 32.2 48.3 41.9 PM10 (ug/m3) 81.8 49.6 23.0 17.0 49.8	PM2.5 (ug/m3) 31.6 26.8 8.6 13.6 34.6 7.7 15.5 14.5 33.9 34.9 41.0 30.2 39 PM10 (ug/m3) 55.6 37.2 13.9 57.3 12.3 28.3	0.28 PM2.5 (ug/m3) 22.7 24.7 17.1 18.7 22.2 14.3 25.3 26.0 30.0 26.5 30.5 43.1 30.9 25.5 PM10 (ug/m3) 35.3 39.9 26.9 31.8 36.3 22.7
MSW	Point Location Description 1 East Corner of Tip Floor Rol 2 Near Residual Pile on Tip Fl 3 Corridor Between MRF and 4 Between C1450 and C520 5 Near C740 6 Near MRF Floor Sump 7 Between D930 and D120 10 Between D930 and D120 11 Between D180 and D120 11 Between D180 and D120 11 Between M140 and D101 12 Between M180 and D120 13 Between M180 and D120 14 Between Tommels 13 Between MNF and 1 East Corner of Tip Floor Rol 2 Near Residual Pile on Tip Fl 3 Corridor Between MRF and 4 Between C1450 and C520 5 Near C740 6 Near MRF Floor Sump 7 Between C500 and Eyewasl 8 Between D930 and C980	OOF ITIP Floor (air moving from MRF to Tip Floor) h, In Front of Control Room llup Door OOF ITIP Floor (air moving from MRF to Tip Floor)	PM2.5 (ug/m3) 27.7 31.9 23.3 17.8 40 19.5 23 33.4 42.6 51.5 43.5 39.1 (ug/m3) 38.9 47.9 46.1 26.6 66.7 28.8 36.1 53.8	(ug/m3) 23.0 38.4 27.1 33.2 33.9 22.7 67.1 42.4 51.9 22.6 65.5 77.8 19.9 PM10 (ug/m3) 36.27 45.1 51.8 34.4 108.1 108.1 105.8	PM2.5 (ug/m3) 18.9 13.3 12.0 13.5 10.4 13.6 10.5 15.7 10.2 11.6 12.7 12.3 12.5 PM10 (ug/m3) 27.4 19.7 17.9 19.0 19.0 19.0 19.0 19.0 19.0 19.0 19	(ug/m3) 10.8 9.4 9.0 11.3 8.9 6.3 8.6 9.7 13.1 8.8 10.4 7.3 9.3 PM10 (ug/m3) 16.0 13.8 13.1 17.8 13.9 9.4	PM2.5 (ug/m3) 19.9 38.1 7.3 12.2 22.2 6.7 16.6 19.9 16.7 17.7 22.8 21.3 32.7 PM10 (ug/m3) 30.7 61.4 9.6 19.5 37.4 8.6 26.3 33.6	PM2.5 (ug/m3) 26.9 48.2 14.6 12.7 19.4 14.5 17.0 18.7 24.7 31.5 16.4 48.6 50.2 PM10 (ug/m3) 50.5 72.1 22.0 21.4 27.9 21.5 25.4 25.9	PM2.5 (ug/m3) 18.2 44.4 19.5 46.8 32.3 17.1 23.1 35.6 32.5 39.6 43.8 36.2 44.2 PM10 (ug/m3) 28.4 73.7 30.7 82.0 48.8 26.1 38.3 55.8	PM2.5 (ug/m3) 26.3 27.0 16.0 19.1 24.4 17.7 21.9 24.1 22.5 24.5 29.5 39.3 34.0 PM10 (ug/m3) 41.4 42.4 30.1 37.4 37.4 37.4 37.4 37.4 37.8	PM2.5 (ug/m3) 16.8 12.5 10.0 18.1 22.2 11.3 30.2 30.8 29.8 28.9 PM10 (ug/m3) 23.1 19.7 13.6 26.2 34.1 16.7 22.0 33.3 3	(ug/m3) 12.6 12.2 8.7 10 16.5 9.2 19.3 16.7 17.2 29.8 23.7 26.2 42.3 PM10 (ug/m3) 20.1 18.2 15.1 14.7 25.5 16.1 30 24.8	(ug/m3) 23.0 23.0 38.4 27.1 33.2 33.9 22.7 67.1 42.4 51.9 22.6 65.5 77.8 19.9 PM10 (ug/m3) 62.7 45.1 51.8 34.4 108.1	(ug/m3) 34.0 24.8 40.5 10.5 12.5 22.6 31.3 38.5 48.9 29.8 15.4 40.5 19.2 PM10 (ug/m3) 20.1 26.5 28.4 14.0 26.22 14.3 21.1	PM2.5 (ug/m3) 24.2 24.7 42.2 8.5 9.9 27.3 26.6 30.6 30.6 48.8 7.3 16.4 33.1 40.5 PM10 (ug/m3) 44.4 52.4 90.5 59.9 9.5 59.9 24.8 9.9 25.8 9.9 9.9 9.9 9.9 9.9 9.9 9.9 9.9 9.9 9	(ug/m3) 10.9 11.8 11.8 11.4 13.3 17.8 10.0 17.0 25.7 20.4 24.3 24.4 29.4 15.6 PM10 (ug/m3) 16.5 18.1 16.9 19.6 27.3 14.5 25.3 41.9	(ug/m3) 15 14.1 13.3 18.7 10.8 8 34.8 23.1 15.3 20.5 21.6 170.2 34.4 PM10 (ug/m3) 23.3 19.6 28.6 17 12.3 55.8	(ug/m3) 11.5 13.7 9.8 12.7 11.8 9.2 20.1 24.0 19.7 21.7 24.1 27.0 12.5 PM10 (ug/m3) 19.1 18.9 17.2 21.1 23.3 14.3 31.3	(ug/m3) 12.6 12.2 8.7 10 16.5 9.2 19.3 16.7 17.2 29.8 23.7 26.2 42.3 PM10 (ug/m3) 20.1 18.2 15.1 14.7 25.5 16.1 30 24.8	PM2.5 (ug/m3) 43.0 29.7 19.3 23.0 37.2 20.4 22.5 37.8 52.3 41.1 47.4 42.0 40.2 PM10 (ug/m3) 74.8 61.5 31.7 36.1 31.7 36.4 32.5 33.7 64.3	(ug/m3) 46.7 23.0 13.9 35.0 28.0 10.4 29.2 27.8 32.1 30.1 32.2 48.3 41.9 PM10 (ug/m3) 81.8 49.6 23.0 57.4 49.8 48.7	PM2.5 (ug/m3) 31.6 26.8 8.6 13.6 34.6 7.7 15.5 14.5 33.9 34.9 41.0 30.2 39 PM10 (ug/m3) 55.6 37.2 13.9 21.9 21.3 22.3	0.28 PM2.5 (ug/m3) 22.7 24.7 17.1 18.7 22.2 14.3 25.3 26.0 30.0 26.5 30.5 43.1 30.9 25.5 30.9 25.5 30.9 25.5 30.9 25.5 30.9 25.5 30.9 27.7 37.9 38.9 38.9 38.9 38.9 38.9 38.9 38.9 38
MSW	Point Location Description 1 East Corner of Tip Floor Rol 2 Near Residual Pile on Tip Fl 3 Corridor Between MRF and 4 Between C1450 and C520 5 Near C740 6 Near MRF Floor Sump 7 Between C500 and Eyewasl 8 Between D930 and C980 9 Between D930 and D430 10 Between D180 and D120 11 Between D180 and D120 11 Between D180 and D101 12 Between MA0 and D101 13 Between AWS 550s Point Location Description 1 East Corner of Tip Floor Rol 2 Near Residual Pile on Tip Fl 3 Corridor Between MRF and 4 Between C1450 and C520 5 Near C740 6 Near MRF Floor Sump 7 Between D390 and Eyewasl 8 Between D390 and D430 9 Between D390 and D430	OOF ITIP Floor (air moving from MRF to Tip Floor) h, In Front of Control Room llup Door OOF ITIP Floor (air moving from MRF to Tip Floor)	PM2.5 (ug/m3) 27.7 31.9 23.3 17.8 40 19.5 23 33.4 42.6 51.5 43.5 39.1 38.2 PM10 (ug/m3) 38.9 47.9 46.6 66.7 28.8 36.1	(ug/m3) 23.0 38.4 27.1 33.2 33.9 22.7 67.1 42.4 51.9 22.6 65.5 77.8 19.9 PM10 (ug/m3) 36.9 62.7 45.1 52.1 52.1 51.8 34.4 108.1 65.8	PM2.5 (ug/m3) 18.9 13.3 12.0 13.5 10.4 13.6 10.5 15.7 10.2 11.6 12.7 12.3 12.5 PM10 (ug/m3) 27.4 19.7 17.9 19.2 15.4 25.4 25.6	(ug/m3) 10.8 9.4 9.0 11.3 8.9 6.3 8.6 9.7 13.1 8.8 10.4 7.3 9.3 PM10 (ug/m3) 16.0 13.8 13.1 17.8 13.9 9.4 13.3 15.3 21.8	PM2.5 (ug/m3) 19.9 38.1 7.3 12.2 22.2 6.7 16.6 19.9 16.7 17.7 22.8 21.3 32.7 PM10 (ug/m3) 30.7 6.9 6.9 6.9 19.9 19.9 19.9 19.9 19.9 19	PM2.5 (ug/m3) 26.9 48.2 14.6 12.7 19.4 14.5 17.0 18.7 24.7 31.5 16.4 48.6 50.2 PM10 (ug/m3) 50.5 72.1 22.0 21.4 27.9 21.5 25.4 25.9	PM2.5 (ug/m3) 18.2 44.4 19.5 46.8 32.3 17.1 23.1 35.6 32.5 39.6 43.8 36.2 44.2 PM10 (ug/m3) 28.4 73.7 82.0 48.8 36.3 36.7 82.5 84.7 85.7 85.7 85.7 85.7 85.7 85.8 85.8 85	PM2.5 (ug/m3) 26.3 27.0 16.0 19.1 24.4 17.7 21.9 24.1 22.5 24.5 29.5 39.3 34.0 PM10 (ug/m3) 41.4 42.4 30.1 37.4 37.8 34.3 37.1 34.5	PM2.5 (ug/m3) 16.8 12.5 10.0 18.1 22.2 11.3 30.2 30.8 29.8 28.9 PM10 (ug/m3) 23.1 19.7 13.6 26.2 34.1 16.7 22.0 33.3 43.4 43.4	(ug/m3) 12.6 12.2 8.7 10 16.5 9.2 19.3 16.7 17.2 29.8 23.7 26.2 42.3 PM10 (ug/m3) 20.1 18.2 15.1 14.7 25.5 16.1 30 24.8	(ug/m3) 23.0 23.0 38.4 27.1 33.2 33.9 22.7 67.1 42.4 51.9 22.6 65.5 77.8 19.9 PM10 (ug/m3) 36.9 62.7 45.1 52.1 53.4 108.1 65.8	(ug/m3) 34.0 24.8 40.5 10.5 12.5 22.6 31.3 38.5 48.9 29.8 15.4 40.5 19.2 PM10 (ug/m3) 20.1 26.5 28.4 14.0 14.1 26.22 14.3 21.1	PM2.5 (ug/m3) 24.2 24.7 42.2 8.5 9.9 27.3 26.6 30.6 48.8 7.3 16.4 33.1 40.5 PM10 (ug/m3) 44.4 52.4 90.5 59.9 43.8 65.2 15.5 24.3 35.5	(ug/m3) 10.9 11.8 11.8 11.4 13.3 17.8 10.0 17.0 25.7 20.4 29.4 15.6 16.5 18.1 16.9 19.6 27.3 14.5 25.3 41.9 33.3	(ug/m3) 15 14.1 13.3 18.7 10.8 8 34.8 23.1 15.3 20.5 21.6 170.2 34.4 19.6 28.6 17 12.3 55.8 39.4	(ug/m3) 11.5 13.7 9.8 12.7 9.8 12.7 11.8 9.2 20.1 19.7 24.1 27.0 12.5 PM10 (ug/m3) 19.1 18.9 17.2 21.1 23.3 14.3 31.3 36.9 27.6	(ug/m3) 12.6 12.2 8.7 10 16.5 9.2 19.3 16.7 17.2 29.8 23.7 26.2 42.3 PM10 (ug/m3) 20.1 18.2 15.1 14.7 25.5 16.1 30 24.8	PM2.5 (ug/m3) 43.0 29.7 19.3 23.0 37.2 20.4 22.5 37.8 52.3 41.1 47.4 42.0 40.2 PM10 (ug/m3) 74.8 61.7 36.8 61.7 37.8 36.8 41.1 37.8 36.8 41.1 47.4 47.4 47.4 47.4 47.4 47.4 47.4	(ug/m3) 46.7 23.0 13.9 35.0 12.9 28.0 10.4 29.2 27.8 32.1 30.1 32.2 48.3 41.9 PM10 (ug/m3) 81.8 49.6 23.0 57.4 45.0 17.0 49.8 48.7	PM2.5 (ug/m3) 31.6 26.8 8.6 13.6 34.6 7.7 15.5 14.5 33.9 34.9 41.0 30.2 39 PM10 (ug/m3) 55.6 37.2 39.2 13.9 21.9 52.6 21.9 52.6	0.28 PM2:5 (ug/m3) 22.7 24.7 17.1 18.7 22.2 14.3 25.3 26.0 30.0 26.5 30.5 43.1 30.9 25.5 PM10 (ug/m3) 35.3 35.3 35.3 36.9 27.7 37.2 38.2 38.3 38.3 38.3 38.3 38.3 38.3 38
MSW	Point Location Description 1 East Corner of Tip Floor Rol 2 Near Residual Pile on Tip Fl 3 Corridor Between MRF and 4 Between C1450 and C520 5 Near C740 6 Near MRF Floor Sump 7 Between D930 and D120 10 Between D930 and D120 11 Between D180 and D120 11 Between D180 and D120 11 Between M140 and D101 12 Between M180 and D120 13 Between M180 and D120 14 Between Tommels 13 Between MNF and 1 East Corner of Tip Floor Rol 2 Near Residual Pile on Tip Fl 3 Corridor Between MRF and 4 Between C1450 and C520 5 Near C740 6 Near MRF Floor Sump 7 Between C500 and Eyewasl 8 Between D930 and C980	OOF ITIP Floor (air moving from MRF to Tip Floor) h, In Front of Control Room llup Door OOF ITIP Floor (air moving from MRF to Tip Floor)	PM2.5 (ug/m3) 27.7 31.9 23.3 17.8 40 19.5 23 33.4 42.6 51.5 43.5 39.1 38.2 PM10 (ug/m3) 38.9 46.1 26.6 62.8 36.1 53.8	(ug/m3) 23.0 38.4 27.1 33.2 33.9 22.7 67.1 42.4 51.9 22.6 65.5 77.8 19.9 PM10 (ug/m3) 36.27 45.1 51.8 34.4 108.1 108.1 105.8	PM2.5 (ug/m3) 18.9 13.3 12.0 13.5 10.4 13.6 10.5 15.7 10.2 11.6 12.7 12.3 12.5 PM10 (ug/m3) 27.4 19.7 17.9 19.0 19.0 19.0 19.0 19.0 19.0 19.0 19	(ug/m3) 10.8 9.4 9.0 11.3 8.9 6.3 8.6 9.7 13.1 8.8 10.4 7.3 9.3 PM10 (ug/m3) 16.0 13.8 13.1 17.8 13.9 9.4	PM2.5 (ug/m3) 19.9 38.1 7.3 12.2 22.2 6.7 16.6 19.9 16.7 17.7 22.8 21.3 32.7 PM10 (ug/m3) 30.7 61.4 9.6 19.5 37.4 8.6 26.3 33.6	PM2.5 (ug/m3) 26.9 48.2 14.6 12.7 19.4 14.5 17.0 18.7 24.7 31.5 16.4 48.6 50.2 PM10 (ug/m3) 50.5 72.1 22.0 21.4 27.9 21.5 25.4 25.9	PM2.5 (ug/m3) 18.2 44.4 19.5 46.8 32.3 17.1 23.1 35.6 32.5 39.6 43.8 36.2 44.2 PM10 (ug/m3) 28.4 73.7 30.7 82.0 48.8 26.1 38.3 55.8	PM2.5 (ug/m3) 26.3 27.0 16.0 19.1 24.4 17.7 21.9 24.1 22.5 24.5 29.5 39.3 34.0 PM10 (ug/m3) 41.4 42.4 30.1 37.4 37.4 37.4 37.4 37.4 37.8	PM2.5 (ug/m3) 16.8 12.5 10.0 18.1 22.2 11.3 30.2 30.8 29.8 28.9 PM10 (ug/m3) 23.1 19.7 13.6 26.2 34.1 16.7 22.0 33.3 3	(ug/m3) 12.6 12.2 8.7 10 16.5 9.2 19.3 16.7 17.2 29.8 23.7 26.2 42.3 PM10 (ug/m3) 20.1 18.2 15.1 14.7 25.5 16.1 30 24.8	(ug/m3) 23.0 23.0 38.4 27.1 33.2 33.9 22.7 67.1 42.4 51.9 22.6 65.5 77.8 19.9 PM10 (ug/m3) 62.7 45.1 51.8 34.4 108.1	(ug/m3) 34.0 24.8 40.5 10.5 12.5 22.6 31.3 38.5 48.9 29.8 15.4 40.5 19.2 PM10 (ug/m3) 20.1 26.5 28.4 14.0 26.22 14.3 21.1	PM2.5 (ug/m3) 24.2 24.7 42.2 8.5 9.9 27.3 26.6 30.6 30.6 48.8 7.3 16.4 33.1 40.5 PM10 (ug/m3) 44.4 52.4 90.5 59.9 9.5 59.9 24.8 9.9 25.8 9.9 9.9 9.9 9.9 9.9 9.9 9.9 9.9 9.9 9	(ug/m3) 10.9 11.8 11.8 11.4 13.3 17.8 10.0 17.0 25.7 20.4 24.3 24.4 29.4 15.6 PM10 (ug/m3) 16.5 18.1 16.9 19.6 27.3 14.5 25.3 41.9	(ug/m3) 15 14.1 13.3 18.7 10.8 8 34.8 23.1 15.3 20.5 21.6 170.2 34.4 PM10 (ug/m3) 23.3 19.6 28.6 17 12.3 55.8	(ug/m3) 11.5 13.7 9.8 12.7 11.8 9.2 20.1 24.0 19.7 21.7 24.1 27.0 12.5 PM10 (ug/m3) 19.1 18.9 17.2 21.1 23.3 14.3 31.3	(ug/m3) 12.6 12.2 8.7 10 16.5 9.2 19.3 16.7 17.2 29.8 23.7 26.2 42.3 PM10 (ug/m3) 20.1 18.2 15.1 14.7 25.5 16.1 30 24.8	PM2.5 (ug/m3) 43.0 29.7 19.3 23.0 37.2 20.4 22.5 37.8 52.3 41.1 47.4 42.0 40.2 PM10 (ug/m3) 74.8 61.5 31.7 36.1 31.7 36.4 32.5 33.7 64.3	(ug/m3) 46.7 23.0 13.9 35.0 28.0 10.4 29.2 27.8 32.1 30.1 32.2 48.3 41.9 PM10 (ug/m3) 81.8 49.6 23.0 57.4 49.8 48.7	PM2.5 (ug/m3) 31.6 26.8 8.6 13.6 34.6 7.7 15.5 14.5 33.9 34.9 41.0 30.2 39 PM10 (ug/m3) 55.6 37.2 13.9 21.9 21.3 22.3	0.28 PM2.5 (ug/m3) 22.7 24.7 17.1 18.7 22.2 14.3 25.3 26.0 30.0 26.5 30.5 43.1 30.9 25.5 30.9 25.5 30.9 25.5 30.9 25.5 30.9 25.5 30.9 27.7 37.9 38.9 38.9 38.9 38.9 38.9 38.9 38.9 38
MSW	Point Location Description 1 East Corner of Tip Floor Rol 2 Near Residual Pile on Tip Fl 3 Corridor Between MRF and 4 Between C1450 and C520 5 Near C740 6 Near MRF Floor Sump 7 Between D500 and Eyewasl 8 Between D500 and Eyewasl 9 Between D500 and D120 10 Between D180 and D130 10 Between D180 and D101 11 Between M40 and D101 12 Between Trommels 13 Between AWS 550s Point Location Description 1 East Corner of Tip Floor Rol 2 Near Residual Pile on Tip Fl 3 Corridor Between MRF and 4 Between C1450 and C520 5 Near C740 6 Near MRF Floor Sump 7 Between C500 and Eyewasl 8 Between D390 and D430 10 Between D390 and D430 10 Between M180 and D101 11 Between M140 and D101 11 Between M140 and D101 12 Between Trommels	OOF ITIP Floor (air moving from MRF to Tip Floor) h, In Front of Control Room llup Door OOF ITIP Floor (air moving from MRF to Tip Floor)	PM2.5 (ug/m3) 27.7 31.9 23.3 17.8 40 19.5 23 33.4 42.6 51.5 43.5 39.1 38.2 PM10 (ug/m3) 38.9 47.9 46.1 26.6 62.8 36.1 53.8 67.9 84.8 70.2 62.8	(ug/m3) 23.0 38.4 27.1 33.2 33.9 22.7 67.1 42.4 51.9 22.6 65.5 77.8 19.9 PM10 (ug/m3) 36.9 62.7 45.1 52.1 51.8 34.4 108.1 65.8 65.0 39.0 101.7	PM2.5 (ug/m3) 18.9 13.3 12.0 13.5 10.4 13.6 10.5 15.7 10.2 11.6 12.7 12.3 12.5 PM10 (ug/m3) 27.4 19.7 17.9 19.2 15.0 15.4 25.4 25.4 15.2 17.7 19.4 19.7	(ug/m3) 10.8 9.4 9.4 9.0 11.3 8.9 6.3 8.6 9.7 13.1 8.8 10.4 7.3 9.3 16.0 13.8 13.1 17.8 13.9 9.4 13.3 15.3 15.1 16.0 16.0	PM2.5 (ug/m3) 19.9 38.1 7.3 12.2 22.2 6.7 16.6 19.9 16.7 17.7 22.8 21.3 32.7 PM10 (ug/m3) 30.7 61.4 9.6 19.5 37.4 8.6 26.2 28.8 35.6 34.5	PM2.5 (ug/m3) 26.9 48.2 14.6 12.7 19.4 14.5 17.0 18.7 24.7 31.5 16.4 48.6 50.2 PM10 (ug/m3) 50.5 72.1 22.0 21.4 27.9 21.5 25.4 25.9 47.4 47.4 52.7	PM2.5 (ug/m3) 18.2 44.4 19.5 46.8 32.3 17.1 23.1 35.6 32.5 39.6 43.8 36.2 44.2 PM10 (ug/m3) 28.4 73.7 82.0 48.8 36.3 36.7 82.0 48.8 36.7 82.0 48.8 36.7 82.0 48.8 50.8 50.8 50.8 50.8 50.8 50.8 50.8 5	PM2.5 (ug/m3) 26.3 27.0 16.0 19.1 24.4 17.7 21.9 24.1 22.5 24.5 29.5 39.3 34.0 PM10 (ug/m3) 41.4 42.4 30.1 37.4 37.8 34.3 37.1 34.5 37.2 44.6	PM2.5 (ug/m3) 16.8 12.5 10.0 18.1 22.2 11.3 30.2 30.8 29.8 28.9 PM10 (ug/m3) 23.1 19.7 13.6 26.2 34.1 16.7 22.0 33.3 43.4 48.7 49.4 47.3	(ug/m3) 12.6 12.2 8.7 10 16.5 9.2 19.3 16.7 17.2 29.8 23.7 26.2 42.3 PM10 (ug/m3) 20.1 18.2 15.1 14.7 25.5 16.1 30 24.8 46.5 35.7 42.1	(ug/m3) 23.0 23.0 38.4 27.1 33.2 33.9 22.7 67.1 42.4 51.9 22.6 65.5 77.8 19.9 PM10 (ug/m3) 36.9 62.7 45.1 52.1 51.8 34.4 108.1 65.8 39.0 101.7	(ug/m3) 34.0 24.8 40.5 10.5 12.5 22.6 31.3 38.5 48.9 15.4 40.5 19.2 PM10 (ug/m3) 20.1 26.5 28.4 14.0 14.1 26.22 14.3 21.1 20.4 19.1 25.3	PM2.5 (ug/m3) 24.2 24.7 42.2 8.5 9.9 27.3 26.6 30.6 48.8 7.3 16.4 33.1 40.5 PM10 (ug/m3) 44.4 52.4 90.5 59.9 43.8 55.2 15.5 24.3 35.5 18.9 37.8 18.1	(ug/m3) 10.9 11.8 11.8 11.4 13.3 17.8 10.0 17.0 25.7 20.4 24.3 24.4 29.4 15.6 16.5 18.1 16.9 19.6 27.3 14.5 25.3 41.9 48	(ug/m3) 15 14.1 13.3 18.7 10.8 8 34.8 23.1 15.3 20.5 21.6 170.2 34.4 19.6 28.6 17 12.3 55.8 39.4 33.5 35.8	(ug/m3) 11.5 13.7 9.8 12.7 11.8 9.2 20.1 124.0 19.7 24.1 27.0 12.5 PM10 (ug/m3) 19.1 18.9 17.2 21.1 23.3 14.3 36.9 27.6 38.9 37.3	(ug/m3) 12.6 12.2 8.7 10 16.5 9.2 19.3 16.7 17.2 29.8 23.7 26.2 42.3 PM10 (ug/m3) 20.1 18.2 15.1 14.7 25.5 16.1 30 24.8 26.8 46.5 35.7 42.1	PM2.5 (ug/m3) 43.0 29.7 19.3 23.0 37.2 20.4 22.5 37.8 52.3 41.1 47.4 42.0 40.2 PM10 (ug/m3) 74.8 61.7 36.8 61.7 35.7 64.3 90.2 68.9 79.2 72.1	(ug/m3) 46.7 23.0 13.9 35.0 128.0 10.4 29.2 27.8 32.1 30.1 32.2 48.3 49.6 23.0 57.4 45.0 17.0 49.8 48.7 57.6 51.7 53.4	PM2.5 (ug/m3) 31.6 26.8 8.6 13.6 34.6 7.7 15.5 14.5 33.9 34.9 41.0 30.2 39 PM10 (ug/m3) 55.6 37.2 13.9 21.9 57.6 21.9 57.6 60.1 7.7 29.6 60.1	0.28 PM2.5 PM2.5 Qug/m3) 22.7 24.7 17.1 18.7 22.2 14.3 25.3 26.0 30.0 26.5 30.5 43.1 30.9 25.5 PM10 (ug/m3) 35.3 39.9 26.9 31.8 36.3 22.7 37.2 38.2 39.8
MSW	Point Location Description 1 East Corner of Tip Floor Rol 2 Near Residual Pile on Tip Fl 3 Corridor Between MRF and 4 Between C1450 and C520 5 Near C740 6 Near MRF Floor Sump 7 Between D930 and C980 9 Between D930 and D430 10 Between D930 and D120 11 Between M140 and D101 12 Between M140 and D101 12 Between M140 and D101 13 Between M140 and D101 14 East Corner of Tip Floor Rol 2 Near Residual Pile on Tip Fl 3 Corridor Between MRF and 4 Between C1450 and C520 5 Near C740 6 Near MRF Floor Sump 7 Between C500 and Eyewasl 8 Between D930 and C980 9 Between D930 and C980 9 Between D180 and D120 11 Between D180 and D120 11 Between D180 and D120	OOF ITIP Floor (air moving from MRF to Tip Floor) h, In Front of Control Room llup Door OOF ITIP Floor (air moving from MRF to Tip Floor)	PM2.5 (ug/m3) 27.7 31.9 23.3 17.8 40 19.5 23 33.4 42.6 51.5 43.5 39.1 38.2 PM10 (ug/m3) 38.9 47.9 46.1 26.6 66.7 28.8 36.7 9	(ug/m3) 23.0 38.4 27.1 33.2 33.9 22.7 67.1 42.4 51.9 22.6 65.5 77.8 19.9 PM10 (ug/m3) 36.7 45.1 51.8 34.4 108.1 65.8 65.0 39.0 101.5	PM2.5 (ug/m3) 18.9 13.3 12.0 13.5 10.4 13.6 10.5 15.7 10.2 11.6 12.7 12.3 12.5 PM10 (ug/m3) 27.4 19.7 17.9 19.2 15.0 20.1 15.0 20.1 15.0 20.1 15.0 20.1 15.0 20.1 15.0 20.1 15.0 20.1 15.0 20.1 15.0 20.1 15.0 20.1 15.0 20.1 15.0 20.1 20.1 20.1 20.1 20.1 20.1 20.1 20	(ug/m3) 10.8 9.4 9.0 11.3 8.9 6.3 8.6 9.7 13.1 8.8 10.4 7.3 9.3 10.4 7.3 9.3 13.1 17.8 13.9 9.4 13.3 15.3 21.8 15.1 16.2	PM2.5 (ug/m3) 19.9 38.1 7.3 12.2 22.2 6.7 16.6 19.9 16.7 17.7 22.8 21.3 32.7 PM10 (ug/m3) 30.7 61.4 9.6 19.5 37.4 8.6 26.8 28.8 33.6 26.8	PM2.5 (ug/m3) 26.9 48.2 14.6 12.7 19.4 14.5 17.0 18.7 24.7 31.5 16.4 48.6 50.2 PM10 (ug/m3) 50.5 72.1 22.0 21.4 27.9 21.5 25.9 25.9 32.4 47.4 52.7	PM2.5 (ug/m3) 18.2 44.4 19.5 46.8 32.3 17.1 23.1 35.6 32.5 39.6 43.8 36.2 44.2 PM10 (ug/m3) 28.4 73.7 30.7 82.0 43.8 36.9 44.2 PM10 (ug/m3) 28.4 73.7 30.7 82.0 82.6 83.6 84.6 85.6 86.6 86.6 86.6 86.6 86.6 86.6 86	PM2.5 (ug/m3) 26.3 27.0 16.0 19.1 24.4 17.7 21.9 24.1 22.5 24.5 29.5 24.5 39.3 34.0 PM10 (ug/m3) 41.4 42.4 30.1 37.4 27.8 34.3 37.1 34.5 37.2 44.6	PM2.5 (ug/m3) 16.8 12.5 10.0 18.1 22.2 11.3 30.2 30.8 28.9 PM10 (ug/m3) 23.1 19.7 13.6 26.2 34.1 16.7 22.0 33.3 43.4 48.7 49.4	(ug/m3) 12.6 12.2 8.7 10 16.5 9.2 19.3 16.7 17.2 29.8 23.7 26.2 42.3 PM10 (ug/m3) 21.1 18.2 15.1 14.7 25.5 16.1 30 24.8 26.8 46.5 35.7	(ug/m3) 23.0 23.0 38.4 27.1 33.2 33.9 22.7 67.1 42.4 51.9 22.6 65.5 77.8 19.9 PM10 (ug/m3) 36.9 62.7 45.1 51.8 34.4 108.1 108.8 65.0 39.0 101.5	(ug/m3) 34.0 24.8 40.5 10.5 12.5 22.6 31.3 38.5 48.9 29.8 15.4 40.5 19.2 PM10 (ug/m3) 26.5 28.4 14.0 14.1 26.22 14.3 20.4 19.1 20.4	PM2.5 (ug/m3) 24.2 24.7 42.2 8.5 9.9 27.3 26.6 30.6 48.8 7.3 16.4 33.1 40.5 PM10 (ug/m3) 44.4 52.4 90.5 59.9 43.8 65.2 15.5 18.9 9.5 18.9 19.5 19.5 19.5 19.5 19.5 19.5 19.5 19	(ug/m3) 10.9 11.8 11.4 13.3 17.8 10.0 17.0 25.7 20.4 24.3 24.4 29.4 15.6 PM10 (ug/m3) 16.5 18.1 16.9 19.6 27.3 14.5 25.3 41.9 33.3 40.6	(ug/m3) 15 14.1 13.3 18.7 10.8 8 34.8 23.1 15.3 20.5 21.6 170.2 34.4 PM10 (ug/m3) 23.3 21.3 19.6 17 12.3 55.8	(ug/m3) 11.5 13.7 9.8 12.7 11.8 9.2 20.1 24.0 19.7 21.7 24.1 27.0 12.5 PM10 (ug/m3) 19.1 18.9 17.2 21.1 23.3 14.3 31.3 36.9 27.6 38.9 37.3	(ug/m3) 12.6 12.2 8.7 10 16.5 9.2 19.3 16.7 17.2 29.8 23.7 26.2 42.3 PM10 (ug/m3) 20.1 18.2 15.1 14.7 25.5 16.1 30 24.8 26.8 26.8 26.8	PM2.5 (ug/m3) 43.0 29.7 19.3 23.0 37.2 20.4 22.5 37.8 52.3 41.1 47.4 42.0 40.2 PM10 (ug/m3) 74.8 61.5 31.7 36.1 31.7 36.8 90.2 68.9 90.2	(ug/m3) 46.7 23.0 13.9 35.0 28.0 10.4 29.2 27.8 32.1 30.1 32.2 48.3 41.9 PM10 (ug/m3) 84.6 23.0 57.4 45.0 17.0 48.7 57.6 51.7 53.4	PM2.5 (ug/m3) 31.6 26.8 8.6 13.6 34.6 7.7 15.5 14.5 33.9 34.9 41.0 30.2 39 PM10 (ug/m3) 55.6 37.2 13.9 21.9 21.3 22.3 28.3 29.6 60.1 77.6	0.28 PM2.5 (ug/m3) 22.7 24.7 17.1 18.7 22.2 14.3 25.3 26.0 30.0 26.5 30.5 43.1 30.9 25.5 30.9 25.5 30.9 25.5 33.9 26.9 31.8 33.9 26.9 31.8 36.3 22.7 37.9 38.2 39.8 42.3 38.2

The facility was running MSW & SSR All of the rollup doors were open

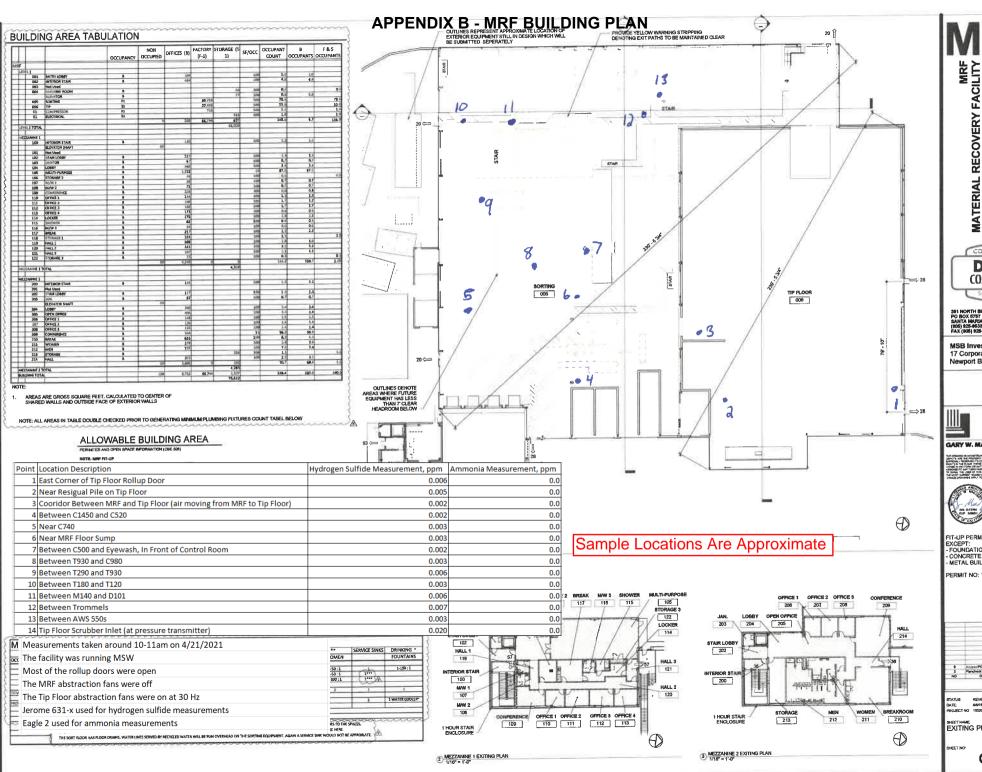
The MRF abstraction fans were on

The Tip Floor abstraction fans were on at 30 Hz

Jerome 631-x used for hydrogen sulfide measurements, last calibrate 5/6/23

Eagle 2 used for ammonia measurements, last calibrated 5/6/23

 $Temptop\ M2000\ AQ\ Meter\ for\ PM2.5,\ PM10,\ and\ CO2\ used\ for\ PM\ measurements,\ last\ calibrated\ N/A$





381 NORTH BLOSSER ROAD PO BOX 5787 2ANTA MARIA, CA 93458 - 5787 (805) 925-4633 FAX (808) 928-2150

MSB Investors, LLC 17 Corporate Plaza, Suite 200 Newport Beach, CA 92660

GARY W. MADJEDI, ARCHITECT



- FOUNDATIONS
- CONCRETE BUILDING WALLS
- METAL BUILDING AND SIDING PERMIT NO: 19REV-00345

REVIEW 8/6/19 150201

EXITING PLANS



September 10, 2023

Aimee Long Air Quality Specialist Santa Barbara County Air Pollution Control District 260 N. San Antonio Road, Suite A Santa Barbara, CA 93110

Permit: ATC 14500 05 H.B. Case No. 2021-12-M1

RE: MSB Investors, LLC

ReSource Center (formerly Tajiguas Resource Recovery Project) Variance Update Due to Alisal Fire Impact

Aimee:

In response to the Variance granted by the Hearing Board on December 7, 2022 in connection with H.B. Case No. 2021-12-M1 we offer the following information:

The ATC 14500-10 addressing the MRF biofilter non-rebuild was deemed complete by District engineering on June 22, 2023. Unfortunately, it took nearly 18 months to achieve completeness on the application with District engineering.

Our general contractor, Diani Building Corp., Santa Maria, CA, has completed a detailed estimate for the repairs and replacement of the baghouse filters adjacent to the damaged MRF biofilter facilities. The estimated dates for completion of the repair and replacement of the baghouse filters are now Q1-Q2 2024, based on Diani's estimated 16-week construction schedule estimated to commence as of November 2023 following completion of a CEQA analysis of the repair and replacement project and Board of Supervisors (BOS) approval of such anticipated for October 2023. As a result, we have submitted the petition for an extension of the variance.

As stated in our petition for the Variance, we took preventative measures once the scrubbers became non-operational such as additional building ventilation and indoor air monitoring on a weekly basis. The indoor air monitoring continues to observe indoor air measurements of H2S and NH3 of approximately 2-5% of the MRF biofilter emission limits. The indoor air levels of H2S and NH3 were and continue to be extremely low due to the speed at which organic waste is processed through the building to loadout trucks for transfer to the ADF for further processing in-vessel.

Attached please find a schedule, Appendix A – MRF Indoor Air Sampling, showing the indoor air measurements of H2S, NH3, PM 2.5 and PM 10 taken at 13 locations inside the MRF building depicted on Appendix B – MRF Building Plan over the period from April 7, 2023 through August 25, 2023 (i.e., a 5-month lookback).

Please let me know if you have any questions on the above or the attached.

Sincerely,

John Dewey

MSB Investors, LLC

racilly	Emissions During Operations Without Operational Biofilters and Baghouses																						
		Friday	Thurs	Thurs	Thurs	Friday	Friday	Friday	Friday	Friday	Friday	Friday	Friday	Friday	Thursday	Friday	Friday	Friday	Friday	Friday	Friday	Friday	4/7/23-
		(4/7/23)	(4/13/23)	(4/20/23)	(4/27/23)	(5/5/23)	(5/12/23)	(5/19/23)	(5/26/23)	(6/2/23)	(6/9/23)	(6/16/23)	(6/23/23)	(6/30/23)	(7/6/23)	(7/14/23)	(7/21/23)	(7/28/23)	(8/4/23)	(8/11/23)	(8/18/23)	(8/25/23)	8/25/23
MSW Point	Location Description	H2S (ppmv)	H2S (ppmv)	H2S (ppmv)	H2S (ppmv)	H2S (ppmv)	H2S (ppmy)	H2S (ppmv)	H2S (ppmy)	H2S (ppmv)	H2S (ppmy)	H2S (ppmv)	H2S (ppmy)	H2S (ppmv)	H2S (ppmv)	H2S (ppmv)	H2S (ppmv)	H2S (ppmv)	H2S (ppmv)	H2S (ppmv)	H2S (ppmv)	H2S (ppmv)	H2S (ppm
1 1	East Corner of Tip Floor Rollup Door	0.004	0.003	0.008	0.001	0.012	0.002	0.009	0.004	0.003	0.004	0.009	0.012	(ppiliv)	0.007	(ppiiiv)	0.016	0.014	0.004	0.003	0.011	0.012	0.006
1 2	Near Residual Pile on Tip Floor	0.008	0.006	0.009	0.005	0.005	0.009	0.006	0.006	0.003	0.003	0.006	0.005	-	0.007	-	0.014	0.013	0.005	0.012	0.009	0.016	0.007
1 3	Corridor Between MRF and Tip Floor (air moving from MRF to Tip Floor)	0.004	0.002	0.002	0.001	0.004	0.003	0.005	0.000	0.003	0.002	0.005	0.004	-	0.002	-	0.003	0.003	0.003	0.010	0.004	0.004	0.003
	Between C1450 and C520	0.002	0.001	0.003	0.001	0.003	0.004	0.003	0.000	0.004	0.004	0.003	0.003	-	0.001	-	0.003	0.000	0.001	-	0.009	0.004	0.003
	Near C740	0.003	0.002	0.004	0.003	0.002	0.006	0.006	0.003	0.005	0.006	0.006	0.002	-	0.003	-	0.006	0.003	0.003	0.006	0.006	0.006	0.004
1 6	Near MRF Floor Sump	0.003	0.003	0.003	0.003	0.002	0.004	0.004	0.003	0.003	0.006	0.004	0.002	-	0.003	-	0.004	0.003	0.002	0.003	0.005	0.005	0.003
	Between C500 and Eyewash, In Front of Control Room	0.005	0.003	0.003	0.004	0.003	0.005	0.004	0.002	0.004	0.004	0.004	0.003	-	0.003	-	0.006	0.004	0.001	0.006	0.007	0.009	0.004
	Between D930 and C980 Between D290 and D430	0.004	0.002	0.003	0.003	0.007	0.004	0.004	0.000	0.004	0.008	0.004	0.007	-	0.004	-	0.008	0.003	0.001	0.007	0.009	0.007	0.004
2 10	Between D180 and D120	0.004	0.002	0.003	0.003	0.000	0.003	0.005	0.000	0.003	0.005	0.005	0.000	-	0.003	-	0.007	0.003	0.002	0.006	0.006	0.007	0.004
	Between M140 and D101	0.003	0.003	0.003	0.003	0.002	0.003	0.006	0.000	0.004	0.003	0.006	0.002		0.002	-	0.006	0.003	0.002	0.006	0.006	0.007	0.004
	Between Trommels	0.004	0.003	0.004	0.003	0.003	0.004	0.004	0.001	0.006	0.004	0.004	0.003	-	0.004	-	0.012	0.005	0.003	0.009	0.015	0.010	0.005
	Between AWS 550s	0.005	0.003	0.002	0.003	0.003	0.004	0.004	0.001	0.004	0.003	0.004	0.003	-	0.003	-	0.007	0.004	0.003	0.0	0.005	0.007	0.004
																							0.004
MSW		NH3	NH3	NH3	NH3	NH3	NH3	NH3	NH3	NH3	NH3	NH3	NH3	NH3	NH3	NH3	NH3	NH3	NH3	NH3	NH3	NH3	NH3
Point	Location Description	(ppmv)	(ppmv)	(ppmv)	(ppmv)	(ppmv)	(ppmv)	(ppmv)	(ppmv)	(ppmv)	(ppmv)	(ppmv)	(ppmv)	(ppmv)	(ppmv)	(ppmv)	(ppmv)	(ppmv)	(ppmv)	(ppmv)	(ppmv)	(ppmv)	(ppmv)
	East Corner of Tip Floor Rollup Door	-	0.5	1.0	-	-	-	-	0.5	-	-	-	-	-	0.5	-	-	1.0	-	0.5	0.5	-	0.17
	Near Residual Pile on Tip Floor Corridor Retuyon MRE and Tip Floor (air moving from MRE to Tip Floor)	1.0	1.0	1.0	0.5	-	-	0.5	0.5	-	-	-	-	-	1.0	-	0.5	0.5	-	1.0	0.5	1.0	0.37
	Corridor Between MRF and Tip Floor (air moving from MRF to Tip Floor) Between C1450 and C520	-	0.5	-	-	-	-	0.5	0.5 0.5	-	-	-	-	-	0.5 0.5	-	-	-	0.5	0.5	0.5	0.5	0.10 0.12
	Near C740	0.5	1.0	-	0.5	-	-	- 0.5	0.5		-	-	-		1.0	-		0.5	0.5	1.0	0.5		0.12
1 6	Near MRF Floor Sump	-	-	-	-	-	-	-	0.5	-	-	-	-	-	0.5	-	-	-	0.5	-	0.5	0.5	0.12
2 7	Between C500 and Eyewash, In Front of Control Room	-	0.5	0.5		-	-	0.5	0.5	-	-		-	-	0.5	-	-	0.5	0.5	1.0	0.5	0.5	0.23
2 8	Between D930 and C980	0.5	1.0	-	0.5	-	-	-	0.5	-	-	1	-	-	1.0	-	-	-	0.5	1	-	-	0.17
	Between D290 and D430	-	1.0	0.5	0.5	-	-	0.5	1.0	-	-	1	-		1.5	-		1.0	0.5	0.5	0.5	-	0.31
	Between D180 and D120	-	1.0	-	0.5	-	-	-	0.5	-	-	-	-	-	1.0	-	-	1.5	0.5	0.5	0.5	0.5	0.27
	Between M140 and D101	0.5	1.5	0.5	0.5	-	0.5	0.5	0.5	0.5	-	-	-	-	1.5	-	-	3.5	1.0	1.0	0.5	0.5	0.56
	Between Trommels	1.0	1.5	1.0	1.0	-	-	-	0.5 1.0	0.5	0.1	-	-	-	1.5	-	0.0	1.5 5.0	1.5	1.0	2.0	1.0 1.0	0.58
2 13	Between AWS 550s	0.5	1.5	1.0	0.5	-	-	-	1.0		-	-	-	-	1.0	-	-	5.0	1.0	1.0	0.5	1.0	0.62
		PM2.5	PM2.5	PM2.5	PM2.5	PM2.5	PM2.5	PM2.5	PM2.5	PM2.5	PM2.5	PM2.5	PM2.5	PM2.5	PM2.5								
MSW Darland															PIVIZ.5	PM2.5	PM2.5	PM2.5	PM2.5	PM2.5	PM2.5	PM2.5	PM2.5
Point	Location Description	(ug/m3)	(ug/m3)	(ug/m3)	(ug/m3)	(ug/m3)	(ug/m3)	(ug/m3)	(ug/m3)	(ug/m3)	(ug/m3)	(ug/m3)	(ug/m3)	(ug/m3)	(ug/m3)	PM2.5 (ug/m3)	PM2.5 (ug/m3)	PM2.5 (ug/m3)	PM2.5 (ug/m3)	PM2.5 (ug/m3)	PM2.5 (ug/m3)	PM2.5 (ug/m3)	PM2.5 (ug/m3)
Point	Location Description East Corner of Tip Floor Rollup Door	(ug/m3) 26.9																					-
1 1 1 2	East Corner of Tip Floor Rollup Door Near Residual Pile on Tip Floor	26.9 48.2	(ug/m3) 18.2 44.4	(ug/m3)	(ug/m3) 16.8 12.5	(ug/m3) 12.6 12.2	(ug/m3) 23.0 38.4	(ug/m3) 34.0 24.8	(ug/m3) 24.2 24.7	(ug/m3) 10.9 11.8	(ug/m3) 15 14.1	(ug/m3) 11.5 13.7	(ug/m3) 12.6 12.2		(ug/m3) 43.0 29.7		(ug/m3) 46.7 23.0	(ug/m3)	(ug/m3) 12.4 20.1	(ug/m3) 25.2 16.3	(ug/m3) 12.9 8.5	(ug/m3) 40.6 16.6	(ug/m3) 21.0 21.4
1 1 1 1 2 1 3	East Corner of Tip Floor Rollup Door Near Residual Pile on Tip Floor Corridor Between MRF and Tip Floor (air moving from MRF to Tip Floor)	26.9 48.2 14.6	(ug/m3) 18.2 44.4 19.5	(ug/m3) 26.3 27.0 16.0	(ug/m3) 16.8 12.5 10.0	(ug/m3) 12.6 12.2 8.7	(ug/m3) 23.0 38.4 27.1	(ug/m3) 34.0 24.8 40.5	(ug/m3) 24.2 24.7 42.2	(ug/m3) 10.9 11.8 11.4	(ug/m3) 15 14.1 13.3	(ug/m3) 11.5 13.7 9.8	(ug/m3) 12.6 12.2 8.7	(ug/m3) - - -	(ug/m3) 43.0 29.7 19.3	(ug/m3) - - -	(ug/m3) 46.7 23.0 13.9	(ug/m3) 31.6 26.8 8.6	(ug/m3) 12.4 20.1 6.9	(ug/m3) 25.2 16.3 10.5	(ug/m3) 12.9 8.5 8.7	(ug/m3) 40.6 16.6 17.8	(ug/m3 21.0 21.4 14.9
1 1 1 1 2 1 3 2 4	East Corner of Tip Floor Rollup Door Near Residual Pile on Tip Floor Corridor Between MRF and Tip Floor (air moving from MRF to Tip Floor) Between C1450 and C520	26.9 48.2 14.6 12.7	(ug/m3) 18.2 44.4 19.5 46.8	(ug/m3) 26.3 27.0 16.0 19.1	(ug/m3) 16.8 12.5 10.0 18.1	(ug/m3) 12.6 12.2 8.7 10	(ug/m3) 23.0 38.4 27.1 33.2	(ug/m3) 34.0 24.8 40.5 10.5	(ug/m3) 24.2 24.7 42.2 8.5	(ug/m3) 10.9 11.8 11.4 13.3	(ug/m3) 15 14.1 13.3 18.7	(ug/m3) 11.5 13.7 9.8 12.7	(ug/m3) 12.6 12.2 8.7 10	(ug/m3) - -	(ug/m3) 43.0 29.7 19.3 23.0	(ug/m3) - -	(ug/m3) 46.7 23.0 13.9 35.0	(ug/m3) 31.6 26.8 8.6 13.6	(ug/m3) 12.4 20.1 6.9 8.9	(ug/m3) 25.2 16.3 10.5	(ug/m3) 12.9 8.5 8.7 30.0	(ug/m3) 40.6 16.6 17.8 31.8	(ug/m3 21.0 21.4 14.9 17.8
1 1 1 1 2 1 3 2 4 2 5	East Corner of Tip Floor Rollup Door Near Residual Pile on Tip Floor Corridor Between MRF and Tip Floor (air moving from MRF to Tip Floor) Between C1450 and C520 Near C740	26.9 48.2 14.6 12.7 19.4	18.2 44.4 19.5 46.8 32.3	(ug/m3) 26.3 27.0 16.0 19.1 24.4	(ug/m3) 16.8 12.5 10.0 18.1 22.2	(ug/m3) 12.6 12.2 8.7 10 16.5	(ug/m3) 23.0 38.4 27.1 33.2 33.9	(ug/m3) 34.0 24.8 40.5 10.5 12.5	(ug/m3) 24.2 24.7 42.2 8.5 9.9	(ug/m3) 10.9 11.8 11.4 13.3 17.8	(ug/m3) 15 14.1 13.3 18.7 10.8	(ug/m3) 11.5 13.7 9.8 12.7 11.8	(ug/m3) 12.6 12.2 8.7 10 16.5	(ug/m3) - - - - -	(ug/m3) 43.0 29.7 19.3 23.0 37.2	(ug/m3) - - -	(ug/m3) 46.7 23.0 13.9 35.0 28.0	(ug/m3) 31.6 26.8 8.6 13.6 34.6	(ug/m3) 12.4 20.1 6.9 8.9 12.5	(ug/m3) 25.2 16.3 10.5 - 19.8	(ug/m3) 12.9 8.5 8.7 30.0 19.0	(ug/m3) 40.6 16.6 17.8 31.8 31.4	(ug/m3 21.0 21.4 14.9 17.8 20.2
1 1 1 1 2 1 3 2 4 2 5 1 6	East Corner of Tip Floor Rollup Door Near Residual Pile on Tip Floor Corridor Between MRF and Tip Floor (air moving from MRF to Tip Floor) Between C1450 and C520 Near C740 Near MRF Floor Sump	26.9 48.2 14.6 12.7 19.4 14.5	(ug/m3) 18.2 44.4 19.5 46.8 32.3 17.1	(ug/m3) 26.3 27.0 16.0 19.1 24.4 17.7	(ug/m3) 16.8 12.5 10.0 18.1 22.2 11.3	(ug/m3) 12.6 12.2 8.7 10 16.5 9.2	(ug/m3) 23.0 38.4 27.1 33.2 33.9 22.7	(ug/m3) 34.0 24.8 40.5 10.5 12.5 22.6	(ug/m3) 24.2 24.7 42.2 8.5 9.9 27.3	(ug/m3) 10.9 11.8 11.4 13.3 17.8	(ug/m3) 15 14.1 13.3 18.7 10.8	(ug/m3) 11.5 13.7 9.8 12.7 11.8 9.2	(ug/m3) 12.6 12.2 8.7 10 16.5 9.2	(ug/m3) - - - - -	(ug/m3) 43.0 29.7 19.3 23.0 37.2 20.4	(ug/m3) - - - - - -	(ug/m3) 46.7 23.0 13.9 35.0 28.0 10.4	(ug/m3) 31.6 26.8 8.6 13.6 34.6 7.7	(ug/m3) 12.4 20.1 6.9 8.9 12.5 2.3	(ug/m3) 25.2 16.3 10.5 - 19.8 19.9	(ug/m3) 12.9 8.5 8.7 30.0 19.0 9.8	(ug/m3) 40.6 16.6 17.8 31.8 31.4 14.5	(ug/m3 21.0 21.4 14.9 17.8 20.2
1 1 1 1 2 1 3 2 4 2 5 1 6 2 7	East Corner of Tip Floor Rollup Door Near Residual Pile on Tip Floor Corridor Between MRF and Tip Floor (air moving from MRF to Tip Floor) Between C1450 and C520 Near C740 Near MRF Floor Sump Between C500 and Eyewash, In Front of Control Room	26.9 48.2 14.6 12.7 19.4 14.5 17.0	(ug/m3) 18.2 44.4 19.5 46.8 32.3 17.1 23.1	(ug/m3) 26.3 27.0 16.0 19.1 24.4 17.7 21.9	(ug/m3) 16.8 12.5 10.0 18.1 22.2 11.3 14.9	(ug/m3) 12.6 12.2 8.7 10 16.5 9.2 19.3	(ug/m3) 23.0 38.4 27.1 33.2 33.9 22.7 67.1	(ug/m3) 34.0 24.8 40.5 10.5 12.5 22.6 31.3	(ug/m3) 24.2 24.7 42.2 8.5 9.9 27.3 26.6	(ug/m3) 10.9 11.8 11.4 13.3 17.8 10.0	(ug/m3) 15 14.1 13.3 18.7 10.8 8 34.8	(ug/m3) 11.5 13.7 9.8 12.7 11.8 9.2 20.1	(ug/m3) 12.6 12.2 8.7 10 16.5 9.2 19.3	(ug/m3) - - - - -	(ug/m3) 43.0 29.7 19.3 23.0 37.2 20.4 22.5	(ug/m3) - - -	(ug/m3) 46.7 23.0 13.9 35.0 28.0 10.4 29.2	(ug/m3) 31.6 26.8 8.6 13.6 34.6 7.7 15.5	(ug/m3) 12.4 20.1 6.9 8.9 12.5 2.3 6.8	(ug/m3) 25.2 16.3 10.5 - 19.8 19.9 30.4	(ug/m3) 12.9 8.5 8.7 30.0 19.0 9.8 14.9	(ug/m3) 40.6 16.6 17.8 31.8 31.4 14.5 38.0	(ug/m3 21.0 21.4 14.9 17.8 20.2 12.8 22.9
1 1 1 1 2 1 3 2 4 2 5 1 6	East Corner of Tip Floor Rollup Door Near Residual Pile on Tip Floor Corridor Between MRF and Tip Floor (air moving from MRF to Tip Floor) Between C1450 and C520 Near C740 Near MRF Floor Sump	26.9 48.2 14.6 12.7 19.4 14.5	(ug/m3) 18.2 44.4 19.5 46.8 32.3 17.1	(ug/m3) 26.3 27.0 16.0 19.1 24.4 17.7	(ug/m3) 16.8 12.5 10.0 18.1 22.2 11.3	(ug/m3) 12.6 12.2 8.7 10 16.5 9.2	(ug/m3) 23.0 38.4 27.1 33.2 33.9 22.7	(ug/m3) 34.0 24.8 40.5 10.5 12.5 22.6	(ug/m3) 24.2 24.7 42.2 8.5 9.9 27.3	(ug/m3) 10.9 11.8 11.4 13.3 17.8	(ug/m3) 15 14.1 13.3 18.7 10.8	(ug/m3) 11.5 13.7 9.8 12.7 11.8 9.2	(ug/m3) 12.6 12.2 8.7 10 16.5 9.2	(ug/m3)	(ug/m3) 43.0 29.7 19.3 23.0 37.2 20.4	(ug/m3)	(ug/m3) 46.7 23.0 13.9 35.0 28.0 10.4	(ug/m3) 31.6 26.8 8.6 13.6 34.6 7.7	(ug/m3) 12.4 20.1 6.9 8.9 12.5 2.3	(ug/m3) 25.2 16.3 10.5 - 19.8 19.9	(ug/m3) 12.9 8.5 8.7 30.0 19.0 9.8	(ug/m3) 40.6 16.6 17.8 31.8 31.4 14.5	(ug/m3 21.0 21.4 14.9 17.8 20.2
1 1 2 1 3 2 4 2 5 1 6 2 7 2 8	East Corner of Tip Floor Rollup Door Near Residual Pile on Tip Floor Corridor Between MRF and Tip Floor (air moving from MRF to Tip Floor) Between C1450 and C520 Near C740 Near MRF Floor Sump Between C500 and Eyewash, in Front of Control Room Between D930 and C980	26.9 48.2 14.6 12.7 19.4 14.5 17.0 18.7	(ug/m3) 18.2 44.4 19.5 46.8 32.3 17.1 23.1 35.6	(ug/m3) 26.3 27.0 16.0 19.1 24.4 17.7 21.9 24.1	(ug/m3) 16.8 12.5 10.0 18.1 22.2 11.3 14.9 21.8	(ug/m3) 12.6 12.2 8.7 10 16.5 9.2 19.3 16.7	(ug/m3) 23.0 38.4 27.1 33.2 33.9 22.7 67.1 42.4	(ug/m3) 34.0 24.8 40.5 10.5 12.5 22.6 31.3 38.5	(ug/m3) 24.2 24.7 42.2 8.5 9.9 27.3 26.6 30.6	(ug/m3) 10.9 11.8 11.4 13.3 17.8 10.0 17.0 25.7	(ug/m3) 15 14.1 13.3 18.7 10.8 8 34.8 23.1	(ug/m3) 11.5 13.7 9.8 12.7 11.8 9.2 20.1 24.0	(ug/m3) 12.6 12.2 8.7 10 16.5 9.2 19.3 16.7	(ug/m3)	(ug/m3) 43.0 29.7 19.3 23.0 37.2 20.4 22.5 37.8	(ug/m3)	(ug/m3) 46.7 23.0 13.9 35.0 28.0 10.4 29.2 27.8	(ug/m3) 31.6 26.8 8.6 13.6 34.6 7.7 15.5 14.5	(ug/m3) 12.4 20.1 6.9 8.9 12.5 2.3 6.8 8.9	(ug/m3) 25.2 16.3 10.5 - 19.8 19.9 30.4 20.9	(ug/m3) 12.9 8.5 8.7 30.0 19.0 9.8 14.9 18.5	(ug/m3) 40.6 16.6 17.8 31.8 31.4 14.5 38.0 22.3	(ug/m3 21.0 21.4 14.9 17.8 20.2 12.8 22.9 22.7
1 1 2 1 3 2 4 2 5 1 6 2 7 2 8 2 9 2 10 2 11	East Corner of Tip Floor Rollup Door Near Residual Pile on Tip Floor Corridor Between MRF and Tip Floor (air moving from MRF to Tip Floor) Between C1450 and C520 Near C740 Near MRF Floor Sump Between C500 and Eyewash, in Front of Control Room Between D300 and C980 Between D290 and D430 Between D180 and D120 Between D180 and D120 Between D180 and D120	26.9 48.2 14.6 12.7 19.4 14.5 17.0 18.7 24.7 31.5 16.4	(ug/m3) 18.2 44.4 19.5 46.8 32.3 17.1 23.1 35.6 32.5 39.6 43.8	(ug/m3) 26.3 27.0 16.0 19.1 24.4 17.7 21.9 24.1 22.5 24.5 29.5	(ug/m3) 16.8 12.5 10.0 18.1 22.2 11.3 14.9 21.8 28.3 30.2 30.8	(ug/m3) 12.6 12.2 8.7 10 16.5 9.2 19.3 16.7 17.2 29.8 23.7	(ug/m3) 23.0 38.4 27.1 33.2 33.9 22.7 67.1 42.4 51.9 22.6 65.5	(ug/m3) 34.0 24.8 40.5 10.5 12.5 22.6 31.3 38.5 48.9 29.8 15.4	(ug/m3) 24.2 24.7 42.2 8.5 9.9 27.3 26.6 30.6 48.8 7.3	(ug/m3) 10.9 11.8 11.4 13.3 17.8 10.0 17.0 25.7 20.4 24.3 24.4	(ug/m3) 15 14.1 13.3 18.7 10.8 8 34.8 23.1 15.3 20.5 21.6	(ug/m3) 11.5 13.7 9.8 12.7 11.8 9.2 20.1 24.0 19.7 21.7 24.1	(ug/m3) 12.6 12.2 8.7 10 16.5 9.2 19.3 16.7 17.2 29.8 23.7	(ug/m3)	(ug/m3) 43.0 29.7 19.3 23.0 37.2 20.4 22.5 37.8 52.3 41.1 47.4	(ug/m3)	(ug/m3) 46.7 23.0 13.9 35.0 28.0 10.4 29.2 27.8 32.1 30.1 32.2	(ug/m3) 31.6 26.8 8.6 13.6 34.6 7.7 15.5 14.5 33.9 34.9 41.0	(ug/m3) 12.4 20.1 6.9 8.9 12.5 2.3 6.8 8.9 6.6 8.5	(ug/m3) 25.2 16.3 10.5 - 19.8 19.9 30.4 20.9 30.0 30.8 65.0	(ug/m3) 12.9 8.5 8.7 30.0 19.0 9.8 14.9 18.5 39.1 37.1 31.2	(ug/m3) 40.6 16.6 17.8 31.8 31.4 14.5 38.0 22.3 24.0 47.3 48.3	(ug/m3 21.0 21.4 14.9 17.8 20.2 12.8 22.9 22.7 26.9 25.1 29.5
1 1 1 2 1 3 2 4 2 5 1 6 2 7 2 8 2 9 2 10 2 11 2 12	East Corner of Tip Floor Rollup Door Near Residual Pile on Tip Floor Corridor Between MRF and Tip Floor (air moving from MRF to Tip Floor) Between C1450 and C520 Near C740 Near MRF Floor Sump Between C500 and Eyewash, in Front of Control Room Between D930 and C980 Between D930 and D430 Between D180 and D120 Between D180 and D120 Between M140 and D101 Between M140 and D101 Between Trommels	26.9 48.2 14.6 12.7 19.4 14.5 17.0 18.7 24.7 31.5 16.4 48.6	(ug/m3) 18.2 44.4 19.5 46.8 32.3 17.1 23.1 35.6 32.5 39.6 43.8 36.2	(ug/m3) 26.3 27.0 16.0 19.1 24.4 17.7 21.9 24.1 22.5 24.5 29.5 39.3	(ug/m3) 16.8 12.5 10.0 18.1 22.2 11.3 14.9 21.8 28.3 30.2 30.8 29.8	(ug/m3) 12.6 12.2 8.7 10 16.5 9.2 19.3 16.7 17.2 29.8 23.7 26.2	(ug/m3) 23.0 38.4 27.1 33.2 33.9 22.7 67.1 42.4 51.9 22.6 65.5 77.8	(ug/m3) 34.0 24.8 40.5 10.5 12.5 22.6 31.3 38.5 48.9 29.8 15.4 40.5	(ug/m3) 24.2 24.7 42.2 8.5 9.9 27.3 26.6 30.6 48.8 7.3 16.4 33.1	(ug/m3) 10.9 11.8 11.4 13.3 17.8 10.0 17.0 25.7 20.4 24.3 24.4 29.4	(ug/m3) 15 14.1 13.3 18.7 10.8 8 34.8 23.1 15.3 20.5 21.6 170.2	(ug/m3) 11.5 13.7 9.8 12.7 11.8 9.2 20.1 24.0 19.7 21.7 24.1 27.0	(ug/m3) 12.6 12.2 8.7 10 16.5 9.2 19.3 16.7 17.2 29.8 23.7 26.2	(ug/m3)	(ug/m3) 43.0 29.7 19.3 23.0 37.2 20.4 22.5 37.8 52.3 41.1 47.4 42.0	(ug/m3)	(ug/m3) 46.7 23.0 13.9 35.0 28.0 10.4 29.2 27.8 32.1 30.1 32.2 48.3	(ug/m3) 31.6 26.8 8.6 13.6 34.6 7.7 15.5 14.5 33.9 34.9 41.0	(ug/m3) 12.4 20.1 6.9 8.9 12.5 2.3 6.8 8.9 6.6 8.5 11.2	(ug/m3) 25.2 16.3 10.5 - 19.8 19.9 30.4 20.9 30.0 30.8 65.0 47.9	(ug/m3) 12.9 8.5 8.7 30.0 19.0 9.8 14.9 18.5 39.1 37.1 31.2 28.1	(ug/m3) 40.6 16.6 17.8 31.8 31.4 14.5 38.0 22.3 24.0 47.3 48.3 51.5	(ug/m3 21.0 21.4 14.9 17.8 20.2 12.8 22.9 22.7 26.9 25.1 29.5 38.6
1 1 1 2 1 3 2 4 2 5 1 6 2 7 2 8 2 9 2 10 2 11 2 12	East Corner of Tip Floor Rollup Door Near Residual Pile on Tip Floor Corridor Between MRF and Tip Floor (air moving from MRF to Tip Floor) Between C1450 and C520 Near C740 Near MRF Floor Sump Between C500 and Eyewash, in Front of Control Room Between D300 and C980 Between D290 and D430 Between D180 and D120 Between D180 and D120 Between D180 and D120	26.9 48.2 14.6 12.7 19.4 14.5 17.0 18.7 24.7 31.5 16.4	(ug/m3) 18.2 44.4 19.5 46.8 32.3 17.1 23.1 35.6 32.5 39.6 43.8	(ug/m3) 26.3 27.0 16.0 19.1 24.4 17.7 21.9 24.1 22.5 24.5 29.5	(ug/m3) 16.8 12.5 10.0 18.1 22.2 11.3 14.9 21.8 28.3 30.2 30.8	(ug/m3) 12.6 12.2 8.7 10 16.5 9.2 19.3 16.7 17.2 29.8 23.7	(ug/m3) 23.0 38.4 27.1 33.2 33.9 22.7 67.1 42.4 51.9 22.6 65.5	(ug/m3) 34.0 24.8 40.5 10.5 12.5 22.6 31.3 38.5 48.9 29.8 15.4	(ug/m3) 24.2 24.7 42.2 8.5 9.9 27.3 26.6 30.6 48.8 7.3	(ug/m3) 10.9 11.8 11.4 13.3 17.8 10.0 17.0 25.7 20.4 24.3 24.4	(ug/m3) 15 14.1 13.3 18.7 10.8 8 34.8 23.1 15.3 20.5 21.6	(ug/m3) 11.5 13.7 9.8 12.7 11.8 9.2 20.1 24.0 19.7 21.7 24.1	(ug/m3) 12.6 12.2 8.7 10 16.5 9.2 19.3 16.7 17.2 29.8 23.7	(ug/m3)	(ug/m3) 43.0 29.7 19.3 23.0 37.2 20.4 22.5 37.8 52.3 41.1 47.4	(ug/m3)	(ug/m3) 46.7 23.0 13.9 35.0 28.0 10.4 29.2 27.8 32.1 30.1 32.2	(ug/m3) 31.6 26.8 8.6 13.6 34.6 7.7 15.5 14.5 33.9 34.9 41.0	(ug/m3) 12.4 20.1 6.9 8.9 12.5 2.3 6.8 8.9 6.6 8.5	(ug/m3) 25.2 16.3 10.5 - 19.8 19.9 30.4 20.9 30.0 30.8 65.0	(ug/m3) 12.9 8.5 8.7 30.0 19.0 9.8 14.9 18.5 39.1 37.1 31.2	(ug/m3) 40.6 16.6 17.8 31.8 31.4 14.5 38.0 22.3 24.0 47.3 48.3	(ug/m3 21.0 21.4 14.9 17.8 20.2 12.8 22.9 22.7 26.9 25.1 29.5 38.6 29.4
1 1 1 2 1 3 2 4 2 5 1 6 2 7 2 8 2 9 2 10 2 11 2 12	East Corner of Tip Floor Rollup Door Near Residual Pile on Tip Floor Corridor Between MRF and Tip Floor (air moving from MRF to Tip Floor) Between C1450 and C520 Near C740 Near MRF Floor Sump Between C500 and Eyewash, in Front of Control Room Between D930 and C980 Between D930 and D430 Between D180 and D120 Between D180 and D120 Between M140 and D101 Between M140 and D101 Between Trommels	26.9 48.2 14.6 12.7 19.4 14.5 17.0 18.7 24.7 31.5 16.4 48.6 50.2	(ug/m3) 18.2 44.4 19.5 46.8 32.3 17.1 23.1 35.6 32.5 39.6 43.8 36.2 44.2	(ug/m3) 26.3 27.0 16.0 19.1 24.4 17.7 21.9 24.1 22.5 24.5 29.5 39.3 34.0	(ug/m3) 16.8 12.5 10.0 18.1 22.2 11.3 14.9 21.8 28.3 30.2 30.8 29.8 28.9	(ug/m3) 12.6 12.2 8.7 10 16.5 9.2 19.3 16.7 17.2 29.8 23.7 26.2 42.3	(ug/m3) 23.0 38.4 27.1 33.2 33.9 22.7 67.1 42.4 51.9 22.6 65.5 77.8 19.9	(ug/m3) 34.0 24.8 40.5 10.5 12.5 22.6 31.3 38.5 48.9 29.8 15.4 40.5	(ug/m3) 24.2 24.7 42.2 8.5 9.9 27.3 26.6 30.6 48.8 7.3 16.4 33.1 40.5	(ug/m3) 10.9 11.8 11.4 13.3 17.8 10.0 17.0 25.7 20.4 24.3 24.4 29.4 15.6	(ug/m3) 15 14.1 13.3 18.7 10.8 8 34.8 23.1 15.3 20.5 21.6 170.2 34.4	(ug/m3) 11.5 13.7 9.8 12.7 11.8 9.2 20.1 24.0 19.7 21.7 24.1 27.0 12.5	(ug/m3) 12.6 12.2 8.7 10 16.5 9.2 19.3 16.7 17.2 29.8 23.7 26.2 42.3	(ug/m3)	(ug/m3) 43.0 29.7 19.3 23.0 37.2 20.4 22.5 37.8 52.3 41.1 47.4 42.0 40.2	(ug/m3)	(ug/m3) 46.7 23.0 13.9 35.0 28.0 10.4 29.2 27.8 32.1 30.1 32.2 48.3 41.9	(ug/m3) 31.6 26.8 8.6 13.6 34.6 7.7 15.5 14.5 33.9 34.9 41.0 30.2 39	(ug/m3) 12.4 20.1 6.9 8.9 12.5 2.3 6.8 8.9 6.6 8.5 11.2 14.5 9.8	(ug/m3) 25.2 16.3 10.5 - 19.8 19.9 30.4 20.9 30.0 30.8 65.0 47.9 56.9	(ug/m3) 12.9 8.5 8.7 30.0 19.0 9.8 14.9 18.5 39.1 37.1 31.2 28.1 31.8	(ug/m3) 40.6 16.6 17.8 31.8 31.4 14.5 38.0 22.3 24.0 47.3 48.3 51.5 49.3	(ug/m3 21.0 21.4 14.9 17.8 20.2 12.8 22.9 22.7 26.9 25.1 29.5 38.6 29.4
1 1 2 1 3 2 4 2 5 1 6 2 7 2 8 2 9 2 10 2 11 2 12 2 13	East Corner of Tip Floor Rollup Door Near Residual Pile on Tip Floor Corridor Between MRF and Tip Floor (air moving from MRF to Tip Floor) Between C1450 and C520 Near C740 Near MRF Floor Sump Between C500 and Eyewash, in Front of Control Room Between D300 and C980 Between D30 and D430 Between D180 and D120 Between D180 and D120 Between M140 and D101 Between M140 sond D101 Between AWS 550s	26.9 48.2 14.6 12.7 19.4 14.5 17.0 18.7 24.7 31.5 16.4 48.6 50.2	(ug/m3) 18.2 44.4 19.5 46.8 32.3 17.1 23.1 35.6 32.5 39.6 43.8 36.2 44.2	(ug/m3) 26.3 27.0 16.0 19.1 24.4 17.7 21.9 24.1 22.5 24.5 29.5 39.3 34.0	(ug/m3) 16.8 12.5 10.0 18.1 22.2 11.3 14.9 21.8 28.3 30.2 30.8 29.8 28.9	(ug/m3) 12.6 12.2 8.7 10 16.5 9.2 19.3 16.7 17.2 29.8 23.7 26.2 42.3	(ug/m3) 23.0 38.4 27.1 33.2 33.9 22.7 67.1 42.4 51.9 22.6 65.5 77.8 19.9	(ug/m3) 34.0 24.8 40.5 10.5 12.5 22.6 31.3 38.5 48.9 29.8 15.4 40.5	(ug/m3) 24.2 24.7 42.2 8.5 9.9 27.3 26.6 30.6 48.8 7.3 16.4 33.1 40.5	(ug/m3) 10.9 11.8 11.4 13.3 17.8 10.0 17.0 25.7 20.4 24.3 24.4 29.4 15.6	(ug/m3) 15 14.1 13.3 18.7 10.8 8 34.8 23.1 15.3 20.5 21.6 170.2 34.4	(ug/m3) 11.5 13.7 9.8 12.7 11.8 9.2 20.1 24.0 19.7 21.7 24.1 27.0 12.5	(ug/m3) 12.6 12.2 8.7 10 16.5 9.2 19.3 16.7 17.2 29.8 23.7 26.2 42.3	(ug/m3)	(ug/m3) 43.0 29.7 19.3 23.0 37.2 20.4 22.5 37.8 52.3 41.1 47.4 42.0 40.2	(ug/m3)	(ug/m3) 46.7 23.0 13.9 35.0 28.0 10.4 29.2 27.8 32.1 30.1 32.2 48.3 41.9	(ug/m3) 31.6 26.8 8.6 13.6 34.6 7.7 15.5 14.5 33.9 34.9 41.0 30.2 39	(ug/m3) 12.4 20.1 6.9 8.9 12.5 2.3 6.8 8.9 6.6 8.5 11.2 14.5 9.8	(ug/m3) 25.2 16.3 10.5 - 19.8 19.9 30.4 20.9 30.0 30.8 65.0 47.9 56.9	(ug/m3) 12.9 8.5 8.7 30.0 19.0 9.8 14.9 18.5 39.1 37.1 31.2 28.1 31.8	(ug/m3) 40.6 16.6 17.8 31.8 31.4 14.5 38.0 22.3 24.0 47.3 48.3 51.5 49.3	(ug/m3 21.0 21.4 14.9 17.8 20.2 12.8 22.9 25.1 29.5 29.5 29.6 29.4 23.3 PM10
Foint 1	East Corner of Tip Floor Rollup Door Near Residual Pile on Tip Floor Corridor Between MRF and Tip Floor (air moving from MRF to Tip Floor) Between C1450 and C520 Near C740 Near MRF Floor Sump Between C500 and Eyewash, in Front of Control Room Between C500 and C980 Between D290 and O430 Between D180 and D120 Between M140 and D101 Between Trommels Between Trommels Between AWS 550s	26.9 48.2 14.6 12.7 19.4 14.5 17.0 18.7 24.7 31.5 16.4 48.6 50.2 PM10 (ug/m3)	(ug/m3) 18.2 44.4 19.5 46.8 32.3 17.1 23.1 35.6 32.5 39.6 43.8 36.2 44.2	(ug/m3) 26.3 27.0 16.0 19.1 24.4 17.7 21.9 24.1 22.5 24.5 29.5 39.3 34.0	(ug/m3) 16.8 12.5 10.0 18.1 22.2 11.3 14.9 21.8 28.3 30.2 30.8 29.8 28.9	(ug/m3) 12.6 12.2 8.7 10 16.5 9.2 19.3 16.7 17.2 29.8 23.7 26.2 42.3 PM10 (ug/m3)	(ug/m3) 23.0 38.4 27.1 33.2 33.9 22.7 67.1 42.4 51.9 22.6 65.5 77.8 19.9	(ug/m3) 34.0 24.8 40.5 10.5 12.5 22.6 31.3 38.5 48.9 29.8 15.4 40.5 19.2 PM10 (ug/m3)	(ug/m3) 24.2 24.7 42.2 8.5 9.9 27.3 26.6 30.6 48.8 7.3 16.4 33.1 40.5	(ug/m3) 10.9 11.8 11.4 13.3 17.8 10.0 17.0 25.7 20.4 24.3 24.4 29.4 15.6	(ug/m3) 15 14.1 13.3 18.7 10.8 8 23.1 15.3 20.5 21.6 170.2 34.4 PM10 (ug/m3)	(ug/m3) 11.5 13.7 9.8 12.7 11.8 9.2 20.1 24.0 19.7 21.7 24.1 27.0 12.5	(ug/m3) 12.6 12.2 8.7 10 16.5 9.2 19.3 16.7 17.2 29.8 23.7 26.2 42.3 PM10 (ug/m3)	(ug/m3)	(ug/m3) 43.0 29.7 19.3 23.0 37.2 20.4 22.5 37.8 52.3 41.1 47.4 42.0 40.2	(ug/m3)	(ug/m3) 46.7 23.0 13.9 35.0 28.0 10.4 29.2 27.8 32.1 30.1 32.2 48.3 41.9 PM10 (ug/m3)	(ug/m3) 31.6 26.8 8.6 13.6 34.6 7.7 15.5 14.5 33.9 34.9 41.0 30.2 39	(ug/m3) 12.4 20.1 6.9 8.9 12.5 2.3 6.8 8.9 6.6 8.5 11.2 14.5 9.8	(ug/m3) 25.2 16.3 10.5 - 19.8 19.9 30.4 20.9 30.0 30.8 65.0 47.9 56.9	(ug/m3) 12.9 8.5 8.7 30.0 19.0 9.8 14.9 18.5 39.1 37.1 31.2 28.1 31.8	(ug/m3) 40.6 16.6 17.8 31.8 31.4 14.5 38.0 22.3 24.0 47.3 48.3 51.5 49.3	(ug/m3 21.0 21.4 14.9 17.8 20.2 12.8 22.9 22.7 26.9 25.1 29.5 38.6 29.4 23.3 PM10 (ug/m3
Foint 1 1 1 1 2 1 3 2 4 5 2 5 1 6 2 7 2 8 9 2 10 2 11 2 11 2 12 2 1 3 3 3 4 5 5 6 5 6 6 7 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	East Corner of Tip Floor Rollup Door Near Residual Pile on Tip Floor Corridor Between MRF and Tip Floor (air moving from MRF to Tip Floor) Between C1450 and C520 Near C740 Near MRF Floor Sump Between C500 and Eyewash, in Front of Control Room Between D300 and C980 Between D30 and D430 Between D180 and D120 Between D180 and D120 Between M140 and D101 Between M140 sond D101 Between AWS 550s	26.9 48.2 14.6 12.7 19.4 14.5 17.0 18.7 24.7 31.5 16.4 48.6 50.2	(ug/m3) 18.2 44.4 19.5 46.8 32.3 17.1 23.1 35.6 32.5 39.6 43.8 36.2 44.2 PM10 (ug/m3)	(ug/m3) 26.3 27.0 16.0 19.1 24.4 17.7 21.9 24.1 22.5 24.5 39.3 34.0 PM10 (ug/m3)	(ug/m3) 16.8 12.5 10.0 18.1 22.2 11.3 14.9 21.8 28.3 30.2 30.8 29.8 28.9	(ug/m3) 12.6 12.2 8.7 10 16.5 9.2 19.3 16.7 17.2 29.8 23.7 26.2 42.3	(ug/m3) 23.0 38.4 27.1 33.2 33.9 22.7 67.1 42.4 51.9 22.6 65.5 77.8 19.9	(ug/m3) 34.0 24.8 40.5 10.5 12.5 22.6 31.3 38.5 48.9 29.8 15.4 40.5	(ug/m3) 24.2 24.7 42.2 8.5 9.9 27.3 26.6 30.6 48.8 7.3 16.4 33.1 40.5	(ug/m3) 10.9 11.8 11.4 13.3 17.8 10.0 17.0 25.7 20.4 24.3 24.4 29.4 15.6	(ug/m3) 15 14.1 13.3 18.7 10.8 8 34.8 23.1 15.3 20.5 21.6 170.2 34.4	(ug/m3) 11.5 13.7 9.8 12.7 11.8 9.2 20.1 24.0 19.7 21.7 24.1 27.0 12.5	(ug/m3) 12.6 12.2 8.7 10 16.5 9.2 19.3 16.7 17.2 29.8 23.7 26.2 42.3	(ug/m3)	(ug/m3) 43.0 29.7 19.3 23.0 37.2 20.4 22.5 37.8 52.3 41.1 47.4 42.0 40.2	(ug/m3)	(ug/m3) 46.7 23.0 13.9 35.0 28.0 10.4 29.2 27.8 32.1 30.1 32.2 48.3 41.9	(ug/m3) 31.6 26.8 8.6 13.6 34.6 7.7 15.5 14.5 33.9 34.9 41.0 30.2 39	(ug/m3) 12.4 20.1 6.9 8.9 12.5 2.3 6.8 8.9 6.6 8.5 11.2 14.5 9.8	(ug/m3) 25.2 16.3 10.5 - 19.8 19.9 30.4 20.9 30.0 30.0 47.9 56.9 PM10 (ug/m3)	(ug/m3) 12.9 8.5 8.7 30.0 19.0 9.8 14.9 18.5 39.1 37.1 31.2 28.1 31.8 PM10 (ug/m3)	(ug/m3) 40.6 16.6 17.8 31.8 31.4 14.5 38.0 22.3 24.0 47.3 48.3 51.5 49.3	(ug/m3 21.0 21.4 14.9 17.8 20.2 12.8 22.9 22.7 26.9 25.1 29.5 39.6 29.4 23.3 PM10
Foint 1	East Corner of Tip Floor Rollup Door Near Residual Pile on Tip Floor Corridor Between MRF and Tip Floor (air moving from MRF to Tip Floor) Between C1450 and C520 Near C740 Near MRF Floor Sump Between C500 and Eyewash, In Front of Control Room Between C900 and C980 Between D290 and D430 Between D180 and D120 Between D180 and D101 Between Trommels Between AWS 550s Location Description East Corner of Tip Floor Rollup Door	26.9 48.2 14.6 12.7 19.4 14.5 17.0 18.7 24.7 31.5 16.4 48.6 50.2	(ug/m3) 18.2 44.4 19.5 46.8 32.3 17.1 23.1 35.6 32.5 39.6 43.8 36.2 44.2 PM10 (ug/m3) 28.4	(ug/m3) 26.3 27.0 16.0 19.1 24.4 17.7 21.9 24.1 22.5 24.5 29.5 39.3 34.0 PM10 (ug/m3) 41.4	(ug/m3) 16.8 12.5 10.0 18.1 22.2 11.3 14.9 21.8 28.3 30.2 30.8 29.8 28.9	(ug/m3) 12.6 12.2 8.7 10 16.5 9.2 19.3 16.7 17.2 29.8 23.2 42.3 PM10 (ug/m3) 20.1	(ug/m3) 23.0 38.4 27.1 33.2 33.9 22.7 42.4 51.9 22.6 65.5 77.8 19.9 PM10 (ug/m3) 36.9	(ug/m3) 34.0 24.8 40.5 10.5 12.5 22.6 31.3 38.5 48.9 29.8 15.4 40.5 19.2 PM10 (ug/m3) 20.1	(ug/m3) 24.2 24.7 42.2 8.5 9.9 27.3 26.6 30.6 48.8 7.3 16.4 33.1 40.5	(ug/m3) 10.9 11.8 11.4 13.3 17.8 10.0 17.0 25.7 20.4 24.3 24.4 15.6 PM10 (ug/m3) 16.5	(ug/m3) 15 14.1 13.3 18.7 10.8 8 34.8 23.1 15.3 20.5 21.6 170.2 34.4 PM10 (ug/m3) 23.3	(ug/m3) 11.5 13.7 9.8 12.7 11.8 9.2 20.1 24.0 19.7 21.7 24.1 27.0 12.5	(ug/m3) 12.6 12.2 8.7 10 16.5 9.2 19.3 16.7 17.2 29.8 23.7 26.2 42.3 PM10 (ug/m3) 20.1	(ug/m3)	(ug/m3) 43.0 29.7 19.3 23.0 37.2 20.4 22.5 37.8 52.3 41.1 47.4 42.0 40.2 PM10 (ug/m3) 74.8	(ug/m3)	(ug/m3) 46.7 23.0 13.9 35.0 28.0 10.4 29.2 27.8 32.1 30.1 32.2 48.3 41.9	(ug/m3) 31.6 26.8 8.6 13.6 34.6 7.7 15.5 14.5 33.9 34.9 41.0 30.2 39	(ug/m3) 12.4 20.1 6.9 8.9 12.5 2.3 6.8 8.9 11.2 14.5 9.8	(ug/m3) 25.2 16.3 10.5 - 19.8 19.9 30.4 20.9 30.0 30.8 65.0 47.9 PM10 (ug/m3) 41.3	(ug/m3) 12.9 12.9 18.7 19.0 19.0 19.0 19.1 14.9 18.5 13.1 137.1 13.1.2 28.1 13.1.8 PM10 (ug/m3) 21.5	(ug/m3) 40.6 16.6 17.8 31.8 31.4 14.5 38.0 22.3 24.0 47.3 48.3 51.5 49.3 PM10 (ug/m3) 70.2	(ug/m3 21.0 21.4 14.9 17.8 20.2 12.8 22.9 22.7 26.9 25.1 29.5 38.6 29.4 23.3 PM10 (ug/m3 33.5
Foint 1	East Corner of Tip Floor Rollup Door Near Residual Pile on Tip Floor Corridor Between MRF and Tip Floor (air moving from MRF to Tip Floor) Between C1450 and C520 Near C740 Near C740 Near MRF Floor Sump Between C500 and Eyewash, In Front of Control Room Between D300 and C980 Between D300 and C980 Between D290 and D430 Between D180 and D120 Between D180 and D120 Between Tommels Between AWS 550s Location Description East Corner of Tip Floor Rollup Door Near Residual Pile on Tip Floor Corridor Between MRF and Tip Floor (air moving from MRF to Tip Floor) Between C450 and C520	26.9 48.2 14.6 12.7 19.4 14.5 17.0 18.7 24.7 31.5 16.4 48.6 50.2 PM10 (ug/m3) 50.5 72.1 22.0 21.4	(ug/m3) 18.2 44.4 19.5 46.8 32.3 17.1 23.1 35.6 32.5 39.6 43.8 36.2 44.2 PM10 (ug/m3) 28.4 73.7	(ug/m3) 26.3 27.0 16.0 19.1 24.4 17.7 21.9 24.1 22.5 29.5 39.3 34.0 PM10 (ug/m3) 41.4 42.4	(ug/m3) 16.8 12.5 10.0 18.1 22.2 11.3 14.9 21.8 28.3 30.2 30.8 29.8 28.9 PMIO (ug/m3) 23.1 19.7	(ug/m3) 12.6 12.2 8.7 10 16.5 9.2 19.3 16.7 17.2 29.8 23.7 26.2 42.3 PM10 (ug/m3) 20.1 18.2 15.1 14.7	(ug/m3) 23.0 33.4 27.1 33.2 33.9 22.7 67.1 42.4 51.9 22.6 65.5 77.8 19.9 PMIO (ug/m3) 36.9 62.7	(ug/m3) 34.0 24.8 40.5 10.5 12.5 22.6 31.3 38.5 48.9 29.8 15.4 40.5 19.2 PM10 (ug/m3) 20.1 26.5	(ug/m3) 24.2 24.7 42.2 8.5 9.9 27.3 26.6 30.6 48.8 7.3 16.4 33.1 40.5 PMIO (ug/m3) 44.4 52.4	(ug/m3) 10.9 11.8 11.4 13.3 17.8 10.0 17.0 25.7 20.4 24.3 24.4 29.4 15.6 PM10 (ug/m3) 16.5 18.1 16.9 19.6	(ug/m3) 15 14.1 13.3 18.7 10.8 8 34.8 23.1 15.3 20.5 21.6 170.2 34.4 PM10 (ug/m3) 23.3 21.3	(ug/m3) 11.5 13.7 9.8 12.7 11.8 9.2 20.1 24.0 19.7 21.7 24.1 27.0 12.5 PMIO (ug/m3) 19.1 18.9	(ug/m3) 12.6 12.2 8.7 10 16.5 9.2 19.3 16.7 17.2 29.8 23.7 26.2 42.3 PMIO (ug/m3) 20.1 18.2	(ug/m3)	(ug/m3) 43.0 29.7 19.3 23.0 37.2 20.4 22.5 37.8 52.3 41.1 47.4 42.0 40.2 PMIO (ug/m3) 74.8 61.5	(ug/m3)	(ug/m3) 46.7 23.0 13.9 35.0 28.0 10.4 29.2 27.8 32.1 30.1 32.2 48.3 41.9 PMI0 (ug/m3) 81.8 49.6	(ug/m3) 31.6 26.8 8.6 13.6 34.6 7.7 15.5 14.5 33.9 41.0 30.2 39 PM10 (ug/m3) 55.6 37.2	(ug/m3) 12.4 20.1 6.9 8.9 12.5 2.3 6.8 8.9 14.5 11.2 14.5 9.8 PMIO (ug/m3) 30.8 34.9	(ug/m3) 25.2 16.3 10.5 - 19.8 19.9 30.4 20.9 30.0 30.0 47.9 56.9 PMI0 (ug/m3) 41.3 28.3	(ug/m3) 12.9 8.5 8.7 30.0 19.0 9.8 14.9 18.5 39.1 37.1 31.2 28.1 31.8 PMIO (ug/m3) 21.5	(ug/m3) 40.6 16.6 17.8 31.8 31.4 14.5 38.0 22.3 24.0 47.3 48.3 51.5 49.3	(ug/m3 21.0 21.4 14.9 17.8 20.2 12.8 22.9 22.7 26.9 25.1 29.5 38.6 29.4 23.3 PM100 (ug/m3 33.5 34.8 23.5 28.8
Point 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	East Corner of Tip Floor Rollup Door Near Residual Pile on Tip Floor Corridor Between MRF and Tip Floor (air moving from MRF to Tip Floor) Between C1450 and C520 Near C740 Near MRF Floor Sump Between C500 and Eyewash, in Front of Control Room Between D300 and C980 Between D300 and C980 Between D300 and D430 Between D180 and D120 Between D180 and D120 Between M140 and D101 Between M140 sond D101 Between AWS 550s Location Description East Corner of Tip Floor Rollup Door Near Residual Pile on Tip Floor Corridor Between MRF and Tip Floor (air moving from MRF to Tip Floor) Between C1450 and C520 Near C740	26.9 48.2 14.6 12.7 19.4 14.5 17.0 18.7 24.7 31.5 16.4 48.6 50.2 PMI0 (ug/m3) 50.5 72.1 22.0 21.4 27.9	(ug/m3) 18.2 44.4 19.5 46.8 32.3 17.1 23.1 35.6 32.5 39.6 43.8 36.2 44.2 PM10 (ug/m3) 28.4 73.7 30.7 82.0 48.8	(ug/m3) 26.3 27.0 16.0 19.1 24.4 17.7 21.9 24.1 22.5 24.5 29.5 39.3 34.0 PM10 (ug/m3) 42.4 42.4 33.1 37.4	(ug/m3) 16.8 12.5 10.0 18.1 12.5 11.3 14.9 21.8 28.3 30.2 30.0 23.1 29.8 29.9 PM10 (ug/m3) 23.1 19.7 13.6 26.2 234.1	(ug/m3) 12.6 12.2 8.7 10 16.5 9.2 19.3 16.7 17.2 29.8 23.7 26.2 42.3 PM10 (ug/m3) 18.2 15.1 14.7 25.5	(ug/m3) 23.0 38.4 27.1 33.2 33.9 22.7 67.1 42.4 51.9 22.6 65.5 77.8 19.9 PM10 (ug/m3) 62.7 45.1 51.8	(ug/m3) 34.0 24.8 40.5 10.5 12.5 22.6 31.3 38.5 48.9 29.8 15.4 40.5 19.2 PM10 (ug/m3) 20.1 26.5 28.4 14.0 14.1	(ug/m3) 24.2 24.7 42.2 8.5 9.9 27.3 26.6 30.6 48.8 7.3 16.4 33.1 40.5	(ug/m3) 10.9 11.8 11.8 11.4 13.3 17.8 10.0 17.0 17.0 25.7 20.4 24.3 24.4 29.4 15.6 PM10 (ug/m3) 16.5 18.1 16.9 19.6 27.3	(ug/m3) 15 14.1 13.3 18.7 10.8 8 34.8 23.1 15.3 20.5 21.6 170.2 34.4 PM10 (ug/m3) 21.3 21.3 19.6 28.6 17	(ug/m3) 11.5 13.7 9.8 12.7 11.8 9.2 20.1 124.0 19.7 21.7 24.1 27.0 12.5 PM10 (ug/m3) 11.8.9 17.2 21.1 23.3	(ug/m3) 12.6 12.2 8.7 10 16.5 9.2 19.3 16.7 17.2 29.8 23.7 26.2 42.3 PM10 (ug/m3) 20.1 18.2 15.1 14.7 25.5	(ug/m3)	(ug/m3) 43.0 29.7 19.3 23.0 37.2 20.4 22.5 37.8 52.3 41.1 42.0 40.2 PM10 (ug/m3) 74.8 61.5 31.7 36.8 61.7	(ug/m3)	(ug/m3) 46.7 23.0 13.9 35.0 10.4 29.2 28.0 10.4 29.2 27.8 32.1 30.1 32.2 48.3 41.9 PM10 (ug/m3) 81.8 49.6 23.0 57.4 45.0	(ug/m3) 31.6 26.8 8.6 13.6 34.6 7.7 15.5 14.5 33.9 34.9 41.0 30.2 39 PM10 (ug/m3) 55.6 37.2 13.9 21.9 57.3	(ug/m3) 12.4 20.1 6.9 8.9 12.5 2.3 6.8 8.9 6.6 8.5 11.2 14.5 9.8 PM10 (ug/m3) 34.9 11.9 15.3 22.9	(ug/m3) 25.2 16.3 10.5 - 19.8 19.9 30.4 20.9 30.0 30.8 65.0 47.9 56.9 PM10 (ug/m3) 42.8 3 17.7 33.2	(ug/m3) 12.9 8.5 8.7 30.0 19.0 9.8 14.9 18.5 39.1 37.1 31.2 28.1 31.8 PM10 (ug/m3) 21.5 13.6 14.8 14.8 16.6 32.1	(ug/m3) 40.6 16.6 17.8 31.8 31.8 31.4 14.5 38.0 22.3 24.0 47.3 48.3 51.5 49.3	(ug/m3 21.0 21.4 14.9 17.8 20.2 12.8 22.9 22.7 26.9 25.1 29.5 38.6 29.4 23.3 PM10 (ug/m3 33.5 34.8 23.5 28.8 28.9
Foint 1	East Corner of Tip Floor Rollup Door Near Residual Pile on Tip Floor Corridor Between MRF and Tip Floor (air moving from MRF to Tip Floor) Between C1450 and C520 Near C740 Near MRF Floor Sump Between C500 and Eyewash, in Front of Control Room Between C930 and C980 Between D290 and D430 Between D290 and D430 Between D180 and D120 Between D180 and D120 Between MRF and D101 Between Trommels Between Trommels Between Trommels Detween Trommels Detween Trommels Detween AWS 550s Location Description East Corner of Tip Floor Rollup Door Near Residual Pile on Tip Floor Corridor Between MRF and Tip Floor (air moving from MRF to Tip Floor) Between C1450 and C520 Near C740 Near C740 Near MRF Floor Sump	26.9 48.2 14.6 12.7 19.4 14.5 17.0 18.7 24.7 31.5 16.4 48.6 50.2 PM10 (ug/m3) 50.5 72.1 22.0 21.4 27.9 21.5	(ug/m3) 18.2 44.4 19.5 46.8 32.3 17.1 23.1 35.6 32.5 39.6 43.8 36.2 44.2 PM10 (ug/m3) 28.4 73.7 30.7 82.0 48.8 48.8 26.1	(ug/m3) 26.3 27.0 16.0 19.1 24.4 17.7 21.9 24.1 22.5 29.5 39.3 34.0 (ug/m3) 41.4 42.4 30.1 37.4 27.8	(ug/m3) 16.8 12.5 10.0 18.1 22.2 11.3 14.9 21.8 30.2 30.8 28.9 PM10 (ug/m3) 23.1 19.7 13.6 26.2 34.1 16.7	(ug/m3) 12.6 12.2 8.7 10 16.5 9.2 19.3 16.7 17.2 29.8 23.7 26.2 42.3 20.1 18.2 15.1 14.7 25.5	(ug/m3) 23.0 38.4 27.1 33.2 33.9 22.7 67.1 42.4 51.9 22.6 65.5 77.8 19.9 PM10 (ug/m3) 36.9 62.7 45.1 52.1 51.8	(ug/m3) 34.0 24.8 40.5 10.5 12.5 22.6 31.3 38.5 48.9 29.8 15.4 40.5 19.2 PM10 (ug/m3) 20.1 26.5 28.4 14.0 14.1 26.22	(ug/m3) 24.2 24.7 42.2 8.5 9.9 27.3 26.6 30.6 48.8 7.3 16.4 33.1 40.5 PM10 (ug/m3) 44.4 52.4 90.5 59.9 43.8 65.2	(ug/m3) 10.9 11.8 11.8 11.4 13.3 17.8 10.0 17.0 25.7 20.4 29.4 15.6 16.5 18.1 16.9 19.6 27.3 14.5	(ug/m3) 15 14.1 13.3 18.7 10.8 8 34.8 23.1 15.3 20.5 21.6 170.2 34.4 9M10 (ug/m3) 23.3 21.3 19.6 28.6	(ug/m3) 11.5 13.7 9.8 12.7 9.8 12.7 20.1 11.8 9.2 20.1 19.7 24.1 27.0 12.5 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10	(ug/m3) 12.6 12.2 8.7 10 16.5 9.2 19.3 16.7 17.2 29.8 23.7 26.2 42.3 20.1 18.2 15.1 14.7 25.5	(ug/m3)	(ug/m3) 43.0 29.7 19.3 23.0 23.0 37.2 20.4 22.5 37.8 52.3 41.1 47.4 42.0 40.2 40.2 PM10 (ug/m3) 74.8 61.5 31.7 36.8 61.7	(ug/m3)	(ug/m3) 46.7 23.0 13.9 35.0 28.0 10.4 29.2 27.8 32.1 30.1 32.2 48.3 41.9 PM10 (ug/m3) 81.8 49.6 23.0 57.4 45.0 17.0	(ug/m3) 31.6 26.8 8.6 13.6 34.6 7.7 15.5 14.5 33.9 34.9 41.0 30.2 39 PM10 (ug/m3) 55.6 37.2 13.9 21.9 57.3 12.3	(ug/m3) 12.4 20.1 6.9 8.9 12.5 2.3 6.8 8.9 6.6 8.5 11.2 14.5 9M10 (ug/m3) 30.8 34.9 11.9 15.3 22.9 4.0	(ug/m3) 25.2 16.3 10.5 - 19.8 19.9 30.4 20.9 30.0 47.9 PM10 (ug/m3) 41.3 28.3 17.7 - 33.2	(ug/m3) 12.9 8.5 8.7 30.0 19.0 9.8 14.9 18.5 39.1 37.1 31.2 28.1 31.3 21.5 13.6 14.6 32.1 16.6	(ug/m3) 40.6 16.6 17.8 31.8 31.8 31.4 14.5 38.0 22.3 24.0 47.3 48.3 51.5 49.3 70.2 29.5 28.8 52.4 42.8	(ug/m3 21.0 21.4 14.9 17.8 20.2 12.8 22.9 22.7 26.9 25.1 29.5 38.6 29.4 23.3 PM10 (ug/m3 33.5 34.8 23.9 25.1 19.7
MSW Point 1 1 2 1 1 2 1 1 2 1 2 1 1 3 2 4 4 1 1 2 1 1 2 1 1 2 1 1 2 1 1 1 1 1	East Corner of Tip Floor Rollup Door Near Residual Pile on Tip Floor Corridor Between MRF and Tip Floor (air moving from MRF to Tip Floor) Between C1450 and C520 Near C740 Near MRF Floor Sump Between C500 and Eyewash, in Front of Control Room Between D300 and C980 Between D290 and D430 Between D290 and D430 Between D180 and D120 Between D180 and D101 Between Trommels Between AWS 550s Location Description East Corner of Tip Floor Rollup Door Near Residual Pile on Tip Floor Corridor Between MRF and Tip Floor (air moving from MRF to Tip Floor) Rear C740 Near MRF Floor Sump Between C500 and C520 Near C740 Near MRF Floor Sump Between C500 and Eyewash, in Front of Control Room	26.9 48.2 14.6 12.7 19.4 14.5 17.0 18.7 24.7 31.5 16.4 48.6 50.2 PM10 (ug/m3) 50.5 72.1 22.0 21.4 27.9 21.5 25.4	(ug/m3) 18.2 44.4 19.5 46.8 32.3 17.1 23.1 35.6 32.5 39.6 43.8 36.2 44.2 PM10 (ug/m3) 28.4 73.7 30.7 82.0 48.8 26.1 38.3	(ug/m3) 26.3 27.0 16.0 19.1 24.4 17.7 21.9 24.1 22.5 24.5 39.3 34.0 PMIO (ug/m3) 41.4 42.4 23.4 30.1 37.4 27.8 34.3	(ug/m3) 16.8 12.5 10.0 18.1 22.2 11.3 14.9 21.8 28.3 30.2 30.8 29.8 28.9 PM10 (ug/m3) 23.1 19.7 13.6 26.2 34.1 16.7 22.0	(ug/m3) 12.6 12.2 8.7 10 16.5 9.2 19.3 16.7 17.2 29.8 23.7 26.2 42.3 PMIO (ug/m3) 20.1 18.2 15.1 14.7 25.5 16.1 30	(ug/m3) 23.0 38.4 27.1 33.2 33.9 22.7 67.1 42.4 51.9 22.6 65.5 77.8 19.9 PM10 (ug/m3) 36.9 62.7 45.1 51.8 34.4 108.1	(ug/m3) 34.0 24.8 40.5 10.5 12.5 22.6 31.3 38.5 48.9 29.8 40.5 19.2 PM10 (ug/m3) 20.1 26.5 28.4 14.0 14.1 26.22 14.3	(ug/m3) 24.2 24.7 42.2 8.5 9.9 27.3 26.6 30.6 48.8 7.3 16.4 33.1 40.5 PMIO (ug/m3) 44.4 52.4 90.5 59.9 43.8 65.2	(ug/m3) 10.9 11.8 11.8 11.4 13.3 17.8 10.0 17.0 25.7 20.4 24.3 24.4 29.4 15.6 PMI0 (ug/m3) 16.5 18.1 16.9 19.6 27.3 14.5 25.3	(ug/m3) 15 14.1 13.3 18.7 10.8 8 34.8 23.1 15.3 20.5 21.6 170.2 34.4 PM10 (ug/m3) 23.3 19.6 21.3 19.6 17 12.3 55.8	(ug/m3) 11.5 13.7 9.8 12.7 11.8 9.2 20.1 12.4.0 19.7 21.7 24.1 27.0 12.5 PM10 (ug/m3) 19.1 18.9 17.2 21.1 23.3 14.3 31.3	(ug/m3) 12.6 12.2 8.7 10 16.5 9.2 19.3 16.7 17.2 29.8 23.7 26.2 42.3 PM10 (ug/m3) 20.1 18.2 15.1 14.7 25.5 16.1	(ug/m3)	(ug/m3) 43.0 29.7 19.3 23.0 37.2 20.4 22.5 37.8 52.3 41.1 47.4 42.0 40.2 PM10 (ug/m3) 74.8 61.5 31.7 36.8 61.7 32.5	(ug/m3)	(ug/m3) 46.7 23.0 13.9 35.0 28.0 10.4 29.2 27.8 32.1 30.1 32.2 48.3 41.9 PM10 (ug/m3) 81.8 49.6 23.0 17.0 49.8	(ug/m3) 31.6 26.8 8.6 13.6 34.6 7.7 15.5 14.5 33.9 34.9 41.0 30.2 39 PM10 (ug/m3) 55.6 37.2 13.9 21.9 57.3 12.3 28.3	(ug/m3) 12.4 20.1 6.9 8.9 12.5 2.3 6.8 8.9 6.6 8.5 11.2 14.5 9.8 PM10 (ug/m3) 30.8 34.9 11.9 15.3 22.9 4.0	(ug/m3) 25.2 16.3 10.5 - 19.8 19.9 30.4 20.9 30.0 65.0 47.9 9 56.9 PM10 (ug/m3) 41.3 28.3 17.7 - 33.2 14.2 50.0	(ug/m3) 12.9 8.5 8.7 30.0 19.0 9.8 14.9 18.5 39.1 37.1 31.2 28.1 31.8 PM10 (ug/m3) 21.5 13.6 14.8 16.6 32.1 16.6 25.5	(ug/m3) 40.6 16.6 17.8 31.8 31.4 14.5 38.0 22.3 24.0 47.3 48.3 51.5 49.3 PM10 (ug/m3) 70.2 29.5 28.8 52.4 42.8 22.5 61.4	(ug/m3 21.0 21.4 14.9 17.8 20.2 12.8 22.9 22.7 26.9 25.1 29.5 38.6 29.4 23.3 PM10 (ug/m3 33.5 34.8 32.9 19.7 34.3
Point 1 1 1 1 2 1 3 2 4 4 2 5 5 6 1 1 6 6 2 7 1 3 2 1 1 2 1 2 2 1 1 3 2 4 5 1 6 6 2 7 7 2 8 8 9 9 9 1 1 1 2 1 2 2 1 1 3 2 4 5 1 6 6 2 7 7 2 8 8 9 9 1 1 1 2 1 1 2 1 1 1 2 1 1 1 1 1 1 1	East Corner of Tip Floor Rollup Door Near Residual Pile on Tip Floor Corridor Between MRF and Tip Floor (air moving from MRF to Tip Floor) Between C1450 and C520 Near MRF Floor Sump Between C300 and Eyewash, in Front of Control Room Between C500 and Eyewash, in Front of Control Room Between D300 and C980 Between D300 and C980 Between D180 and D120 Between M140 and D101 Between Trommels Between Trommels Between Trommels Between Trommels Corridor Between MRF and Tip Floor Corridor Between MRF and Tip Floor Corridor Between C1450 and C520 Near C740 Near MRF Floor Sump Between C500 and Eyewash, in Front of Control Room Between C500 and Eyewash, in Front of Control Room Between C500 and Eyewash, in Front of Control Room Between C500 and Eyewash, in Front of Control Room Between C500 and Eyewash, in Front of Control Room Between C500 and Eyewash, in Front of Control Room Between C500 and Eyewash, in Front of Control Room Between C500 and Eyewash, in Front of Control Room Between C500 and Eyewash, in Front of Control Room	26.9 48.2 14.6 12.7 19.4 14.5 17.0 18.7 24.7 31.5 16.4 48.6 50.2 PM10 (ug/m3) 50.5 72.1 22.0 21.4 27.9 21.5 25.4	(ug/m3) 18.2 44.4 19.5 46.8 32.3 17.1 23.1 35.6 32.5 39.6 43.8 36.2 44.2 PM10 (ug/m3) 28.4 73.7 30.7 82.0 48.8 26.1 38.3 55.8	(ug/m3) 26.3 27.0 16.0 19.1 24.4 17.7 21.9 24.1 22.5 24.5 29.5 39.3 34.0 PM10 (ug/m3) 41.4 42.4 23.4 30.1 37.4 27.8 34.3	(ug/m3) 16.8 12.5 10.0 18.1 22.2 11.3 14.9 21.8 28.3 30.2 30.8 29.8 29.9 PM10 (ug/m3) 23.1 19.7 13.6 26.2 34.1 16.7 22.0 33.3	(ug/m3) 12.6 12.2 8.7 10 16.5 9.2 19.3 16.7 17.2 29.8 23.7 26.2 42.3 PM10 (ug/m3) 20.1 18.2 15.1 14.7 25.5 16.1 30 24.8	(ug/m3) 23.0 38.4 27.1 33.2 33.9 22.7 67.1 42.4 51.9 22.6 65.5 77.8 19.9 PM10 (ug/m3) 36.9 62.7 45.1 52.1 51.8 34.4 108.1	(ug/m3) 34.0 24.8 40.5 10.5 12.5 22.6 31.3 38.5 48.9 29.8 15.4 40.5 19.2 PM10 (ug/m3) 20.1 26.5 28.4 14.0 26.22 14.3 21.1	(ug/m3) 24.2 24.7 42.2 8.5 9.9 27.3 26.6 30.6 48.8 7.3 16.4 33.1 40.5 PM10 (ug/m3) 44.4 52.4 90.5 59.9 43.8 65.2 15.5	(ug/m3) 10.9 11.8 11.4 13.3 17.8 10.0 25.7 20.4 24.3 24.4 29.4 15.6 PM10 (ug/m3) 16.5 18.1 16.9 19.6 27.3 14.5 25.3	(ug/m3) 15 14.1 13.3 18.7 10.8 8 23.1 15.3 20.5 21.6 170.2 34.4 PM10 (ug/m3) 23.3 19.6 28.6 17 12.3 55.8	(ug/m3) 11.5 13.7 9.8 12.7 11.8 9.2 20.1 24.0 19.7 24.1 27.0 12.5 PM10 (ug/m3) 19.1 18.9 17.2 21.1 23.3 14.3 31.3	(ug/m3) 12.6 12.2 8.7 10 16.5 9.2 19.3 16.7 17.2 29.8 23.7 26.2 42.3 20.1 18.2 15.1 14.7 25.5 16.1 30 24.8	(ug/m3)	(ug/m3) 43.0 29.7 19.3 23.0 37.2 20.4 22.5 37.8 52.3 41.1 47.4 42.0 PM10 (ug/m3) 74.8 61.5 31.7 36.8 61.7 32.5 35.7	(ug/m3)	(ug/m3) 46.7 23.0 13.9 35.0 28.0 10.4 29.2 27.8 32.1 30.1 32.2 48.3 41.9 PM10 (ug/m3) 81.8 49.6 23.0 17.0 49.8	(ug/m3) 31.6 26.8 8.6 13.6 34.6 7.7 15.5 14.5 33.9 41.0 30.2 39 PM10 (ug/m3) 55.6 37.2 13.9 21.9 57.3 12.3 28.3	(ug/m3) 12.4 20.1 6.9 8.9 12.5 2.3 6.8 8.9 6.6 8.5 11.2 14.5 9.8 PM10 (ug/m3) 30.8 34.9 11.9 15.3 22.9 4.0 11.5	(ug/m3) 25.2 16.3 10.5 19.8 19.9 30.4 20.9 30.0 30.8 65.0 47.9 PM10 (ug/m3) 41.3 28.3 17.7 33.2 14.2 50.0 33.8	(ug/m3) 12.9 8.5 8.7 30.0 19.0 9.8 14.9 18.5 39.1 37.1 31.2 28.1 31.8 PM10 (ug/m3) 21.5 13.6 14.8 16.6 32.1 16.6 25.5	(ug/m3) 40.6 16.6 17.8 31.8 31.8 31.4 14.5 38.0 22.3 24.0 47.3 48.3 51.5 PM10 (ug/m3) 70.2 29.5 28.8 52.4 42.8 22.5 61.4 36.1	(ug/m3 21.0 21.4 14.9 17.8 20.2 12.8 22.9 25.1 29.5 38.6 29.4 23.3 PM10 (ug/m3 33.5 28.8 32.9 19.7 34.3
MSW Point 1 1 1 1 1 2 3 3 2 4 4 2 5 5 1 6 6 2 7 1 3 3 2 3 4 1 1 1 2 1 1 2 1 1 2 1 1 1 1 1 1 2 1 1 3 3 2 4 4 2 5 5 1 6 6 2 7 7 2 8 8 2 9 9	East Corner of Tip Floor Rollup Door Near Residual Pile on Tip Floor Corridor Between MRF and Tip Floor (air moving from MRF to Tip Floor) Between C1450 and C520 Near C740 Near MRF Floor Sump Between C500 and Eyewash, In Front of Control Room Between D300 and C980 Between D290 and D430 Between D290 and D430 Between D180 and D120 Between D180 and D120 Between Trommels Between Frommels Between AWS 550s Location Description East Corner of Tip Floor Rollup Door Near Residual Pile on Tip Floor Corridor Between MRF and Tip Floor (air moving from MRF to Tip Floor) Between C1450 and C520 Near C740 Near MRF Floor Sump Between C500 and Eyewash, In Front of Control Room Between C900 and C980 Between C900 and C980 Between D930 and C980 Between D930 and D430	26.9 48.2 14.6 12.7 19.4 14.5 17.0 18.7 24.7 31.5 16.4 48.6 50.2 PM10 (ug/m3) 50.5 72.1 22.0 21.4 27.9 21.5 25.4 25.9 32.4	(ug/m3) 18.2 44.4 19.5 46.8 32.3 17.1 23.1 35.6 32.5 39.6 43.8 36.2 44.2 44.2 44.2 9M10 (ug/m3) 28.4 73.7 82.0 48.8 26.1 38.3 55.8	(ug/m3) 26.3 27.0 15.0 19.1 24.4 17.7 21.9 24.1 22.5 24.5 29.5 39.3 34.0 41.4 42.4 30.1 37.4 37.7 34.3 37.1 34.3	(ug/m3) 16.8 12.5 10.0 18.1 22.2 11.3 14.9 21.8 28.3 30.2 30.8 29.8 29.9 PM10 (ug/m3) 23.1 19.7 13.6 26.2 34.1 16.7 22.0 33.3 43.4	(ug/m3) 12.6 12.2 8.7 10 16.5 9.2 19.3 16.7 17.2 29.8 23.7 26.2 42.3 20.1 18.2 15.1 14.7 25.5 16.1 30 24.8	(ug/m3) 23.0 38.4 27.1 33.2 33.9 22.7 67.1 42.4 51.9 22.6 65.5 77.8 19.9 PM10 (ug/m3) 36.9 62.7 45.1 52.1 51.8 34.4 108.1 65.8	(ug/m3) 34.0 24.8 40.5 10.5 12.5 22.6 31.3 38.5 48.9 29.8 15.4 40.5 19.2 PM10 (ug/m3) 20.1 26.5 28.4 14.0 14.1 26.22 14.3 21.1	(ug/m3) 24.2 24.7 42.2 8.5 9.9 27.3 26.6 30.6 48.8 7.3 16.4 33.1 40.5 PM10 (ug/m3) 44.4 52.4 90.5 59.9 43.8 65.2 15.5 24.3 35.5	(ug/m3) 10.9 11.8 11.1 11.4 13.3 17.8 10.0 17.0 25.7 20.4 24.3 24.4 29.4 15.6 PM10 (ug/m3) 16.5 18.1 16.9 19.6 27.3 14.5 25.3 41.9	(ug/m3) 15 14.1 13.3 18.7 10.8 8 34.8 23.1 15.3 20.5 21.6 170.2 34.4 9M10 (ug/m3) 23.3 21.3 19.6 28.6 17 12.3 55.8 39.4	(ug/m3) 11.5 13.7 9.8 12.7 9.8 12.7 11.8 9.2 20.1 124.0 19.7 24.1 27.0 12.5 PM10 (ug/m3) 19.1 18.9 17.2 21.1 23.3 14.3 31.3 36.9 27.6	(ug/m3) 12.6 12.2 8.7 10 16.5 9.2 19.3 16.7 17.2 29.8 23.7 26.2 42.3 20.1 18.2 15.1 14.7 25.5 16.1 30 24.8	(ug/m3)	(ug/m3) 43.0 29.7 19.3 23.0 23.0 37.2 20.4 22.5 37.8 52.3 41.1 47.4 42.0 40.2 PM10 (ug/m3) 74.8 61.5 31.7 36.8 61.7 32.5 35.7 64.3	(ug/m3)	(ug/m3) 46.7 23.0 13.9 35.0 28.0 10.4 29.2 27.8 32.1 30.1 32.2 48.3 41.9 PM10 (ug/m3) 81.8 49.6 23.0 57.4 45.0 17.0 49.8 48.7 57.6	(ug/m3) 31.6 26.8 8.6 13.6 34.6 7.7 15.5 14.5 33.9 34.9 9M10 (ug/m3) 55.6 37.2 13.9 21.9 57.3 12.3 28.3 25.7	(ug/m3) 12.4 20.1 6.9 8.9 12.5 2.3 6.8 8.9 6.6 8.5 11.2 14.5 9M10 (ug/m3) 30.8 34.9 11.9 15.3 22.9 4.0 11.5	(ug/m3) 25.2 16.3 10.5 - 19.8 19.9 30.4 20.9 30.0 30.0 30.8 65.0 47.9 PM10 (ug/m3) 41.3 28.3 17.7 33.2 50.0 33.8 50.0 33.8	(ug/m3) 12.9 8.5 8.7 30.0 19.0 9.8 14.9 18.5 39.1 37.1 31.2 28.1 31.8 16.6 32.1 16.6 25.5 31.4	(ug/m3) 40.6 16.6 17.8 31.8 31.4 14.5 38.0 22.3 24.0 47.3 48.3 51.5 49.3 70.2 29.5 28.8 52.4 42.8 22.5 61.4 36.1	(ug/m3 21.0 21.4 14.9 17.8 20.2 12.8 22.9 22.7 26.9 25.1 29.5 38.6 29.4 23.3 PM100 (ug/m3 33.5 28.8 23.9 19.7 34.3 33.9
MSW Point 1 1 2 1 1 2 1 2 1 2 1 1 3 2 1 1 1 1 2 1 2	East Corner of Tip Floor Rollup Door Near Residual Pile on Tip Floor Corridor Between MRF and Tip Floor (air moving from MRF to Tip Floor) Between C1450 and C520 Near C740 Near MRF Floor Sump Between C500 and Eyewash, in Front of Control Room Between D930 and C980 Between D930 and C980 Between D930 and D120 Between D180 and D120 Between D180 and D101 Between Trommels Between AWS 550s Location Description East Corner of Tip Floor Rollup Door Near Residual Pile on Tip Floor Corridor Between MRF and Tip Floor (air moving from MRF to Tip Floor) Between C740 Near MRF Floor Sump Between C980 and Eyewash, in Front of Control Room Between D30 and C980 Between D30 and C980 Between D30 and D430	26.9 48.2 14.6 12.7 19.4 14.5 17.0 18.7 24.7 31.5 16.4 48.6 50.2 PM10 (ug/m3) 72.1 22.0 21.4 27.9 21.5 25.4 25.9 32.4	(ug/m3) 18.2 44.4 44.4 19.5 46.8 32.3 17.1 23.1 35.6 32.5 39.6 43.8 36.2 PM10 (ug/m3) 28.4 7.3.7 30.7 82.0 48.8 26.1 38.3 55.8 50.8 64.5	(ug/m3) 26.3 27.0 16.0 19.1 24.4 17.7 21.9 24.1 22.5 29.5 39.3 34.0 PM10 (ug/m3) 41.4 42.4 23.4 30.1 37.4 27.8 34.3 37.1	(ug/m3) 16.8 12.5 10.0 18.1 22.2 11.3 14.9 21.8 28.3 30.2 30.8 29.8 28.9 PM10 (ug/m3) 23.1 19.7 13.6 26.2 34.1 16.7 22.0 33.3 43.4 48.7	(ug/m3) 12.6 12.2 8.7 16.5 9.2 19.3 16.7 17.2 29.8 23.7 26.2 42.3 PM10 (ug/m3) 20.1 18.2 15.1 14.7 25.5 16.1 30 24.8 26.8 26.8	(ug/m3) 23.0 38.4 27.1 38.2 33.9 22.7 67.1 42.4 51.9 22.6 65.5 77.8 19.9 PM10 (ug/m3) 36.9 62.7 45.1 51.8 34.4 108.1 65.8 65.0 33.0	(ug/m3) 34.0 24.8 40.5 12.5 12.5 12.5 22.6 31.3 38.5 48.9 15.4 40.9 19.2 PM10 (ug/m3) 20.1 26.5 28.4 14.0 14.1 26.22 14.3 21.1 20.4	(ug/m3) 24.2 24.7 42.2 24.7 42.2 8.5 9.9 27.3 26.6 30.6 48.8 7.3 16.4 33.1 40.5 PM10 (ug/m3) 44.4 52.4 90.5 59.9 43.8 65.2 15.5 24.3 35.5	(ug/m3) 10.9 11.8 11.4 13.3 17.8 10.0 17.0 25.7 20.4 24.3 24.4 29.4 15.6 PM10 (ug/m3) 16.5 18.1 16.9 19.6 27.3 14.5 25.3 41.9 33.3 40.6	(ug/m3) 15 14.1 13.3 18.7 10.8 8 34.8 23.1 15.3 20.5 21.6 170.2 34.4 PM10 (ug/m3) 23.3 19.6 21.3 19.6 17 12.3 55.8 39.4 24.4 33.5	(ug/m3) 11.5 13.7 13.8 9.8 12.7 11.8 9.2 20.1 24.0 19.7 21.7 24.1 27.0 12.5 PM10 (ug/m3) 19.1 18.9 17.2 21.1 23.3 14.3 36.9 27.6 38.9	(ug/m3) 12.6 12.2 8.7 10 16.5 9.2 19.3 16.7 17.2 29.8 23.7 26.2 42.3 PM10 (ug/m3) 20.1 18.2 15.1 14.7 25.5 16.1 30 24.8 26.8 24.8 26.8	(ug/m3)	(ug/m3) 43.0 29.7 19.3 23.0 37.2 20.4 22.5 37.8 52.3 41.1 47.4 40.2 PM10 (ug/m3) 74.8 61.5 31.7 32.5 35.7 64.3 90.2	(ug/m3)	(ug/m3) 46.7 23.0 23.0 13.9 35.0 28.0 10.4 29.2 27.8 32.1 30.1 32.2 48.3 41.9 PM10 (ug/m3) 81.8 49.6 23.0 57.4 45.0 17.0 49.8 48.7 57.6 51.7	(ug/m3) 31.6 26.8 8.6 13.6 13.6 13.6 13.6 13.6 14.5 34.9 41.0 30.2 39 PM10 (ug/m3) 55.6 37.2 13.9 57.3 12.3 28.3 25.7 29.6 60.1	(ug/m3) 12.4 20.1 20.1 6.9 8.9 12.5 2.3 6.8 8.9 6.6 8.5 11.2 14.5 9.8 PM10 (ug/m3) 30.8 34.9 11.9 11.9 15.3 22.9 4.0 11.5 16.6 11.2	(ug/m3) 25.2 16.3 10.5 19.8 19.9 30.4 20.9 30.0 47.9 56.9 PM10 (ug/m3) 41.3 28.3 17.7 33.2 14.2 50.0 33.8 50.3	(ug/m3) 12.9 8.5 8.7 30.0 19.0 19.0 18.5 39.1 37.1 31.2 28.1 31.8 PM10 (ug/m3) 21.5 13.6 14.8 16.6 32.1 16.6 32.1 16.6 32.1 16.6 32.1 16.6 44.9	(ug/m3) 40.6 16.6 17.8 31.8 31.8 31.4 14.5 38.0 22.3 24.0 47.3 48.3 51.5 49.3 PM10 (ug/m3) 70.2 29.5 28.8 22.5 61.4 42.8 22.5 61.4 36.1 40.3 81.1	(ug/m3 21.0 21.4 14.9 17.8 20.2 12.8 22.9 25.1 29.5 38.6 29.4 23.3 PM10 (ug/m3 33.5 28.8 32.9 19.7 34.3 33.9 37.2
MSW Point 1 1 2 1 1 2 1 2 1 3 2 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	East Corner of Tip Floor Rollup Door Near Residual Pile on Tip Floor Corridor Between MRF and Tip Floor (air moving from MRF to Tip Floor) Between C1450 and C520 Near CX40 Near MRF Floor Sump Between C500 and Eyewash, In Front of Control Room Between C500 and Eyewash, In Front of Control Room Between D290 and D430 Between D290 and D430 Between D180 and D110 Between Trommels Between Trommels Between Trommels Between Trommels Detween Trommels Between AWS 550s Location Description East Corner of Tip Floor Rollup Door Near Residual Pile on Tip Floor Corridor Between MRF and Tip Floor (air moving from MRF to Tip Floor) Between C1450 and C520 Near CX40 Near MRF Floor Sump Between C500 and Eyewash, In Front of Control Room Between D290 and D430 Between D180 and D120	26.9 48.2 14.6 12.7 19.4 14.5 17.0 18.7 24.7 31.5 16.4 48.6 50.2 PM10 (ug/m3) 50.5 72.1 22.0 21.4 27.9 21.5 25.4 25.9 32.4 47.4	(ug/m3) 18.2 44.4 19.5 46.8 32.3 17.1 35.6 32.5 39.6 43.8 36.2 44.2 PM10 (ug/m3) 28.4 73.7 30.7 82.0 48.8 26.1 38.3 55.8 64.5 50.8	(ug/m3) 26.3 27.0 16.0 19.1 24.4 17.7 21.9 24.1 22.5 29.5 39.3 34.0 (ug/m3) 41.4 42.4 23.4 30.1 37.4 27.8 34.3 37.1 34.5 37.2 44.6	(ug/m3) 16.8 12.5 10.0 18.1 22.2 21.3 14.9 21.8 28.3 30.2 30.8 29.8 28.9 PM10 (ug/m3) 23.1 19.7 13.6 26.2 34.1 16.7 22.0 33.3 43.4 48.7 49.4	(ug/m3) 12.6 12.2 8.7 10 16.5 9.2 19.3 16.7 17.2 29.8 23.7 26.2 42.3 PM10 (ug/m3) 20.1 18.2 15.1 14.7 25.5 16.1 30 24.8 26.8 46.5 35.7	(ug/m3) 23.0 38.4 27.1 33.2 22.7 67.1 42.4 51.9 22.6 65.5 77.8 19.9 PM10 (ug/m3) 36.9 62.7 45.1 51.8 34.4 108.1 65.8 65.0 39.0	(ug/m3) 34.0 24.8 40.5 10.5 12.5 22.6 31.3 38.5 48.9 29.8 15.4 40.5 19.2 PM10 (ug/m3) 20.1 26.5 28.4 14.0 14.1 26.22 14.3 21.1 20.4 19.1 25.3	(ug/m3) 24.2 24.7 42.2 8.5 9.9 27.3 26.6 30.6 48.8 7.3 16.4 33.1 40.5 PM10 (ug/m3) 44.4 90.5 59.9 43.8 65.2 15.5 24.3 35.5 18.9 37.8	(ug/m3) 10.9 11.8 11.4 13.3 17.8 10.0 25.7 20.4 24.3 24.4 29.4 15.6 (ug/m3) 16.5 18.1 16.9 19.6 27.3 14.5 25.3 41.9	(ug/m3) 15 14.1 13.3 18.7 10.8 8 23.1 15.3 20.5 21.6 170.2 34.4 PM10 (ug/m3) 23.3 19.6 28.6 17 12.3 55.8 39.4 24.4 33.5	(ug/m3) 11.5 13.7 9.8 12.7 11.8 12.7 11.8 9.2 20.1 24.0 19.7 24.1 27.0 12.5 PM10 (ug/m3) 19.1 18.9 17.2 21.1 23.3 14.3 31.3 36.9 27.6 38.9 27.6	(ug/m3) 12.6 12.2 8.7 10 16.5 9.2 19.3 16.7 17.2 29.8 23.7 26.2 42.3 20.1 18.2 15.1 14.7 25.5 16.1 30 24.8 26.8 46.5 35.7	(ug/m3)	(ug/m3) 43.0 29.7 19.3 23.0 37.2 20.4 22.5 37.8 52.3 41.1 47.4 42.0 40.0 (ug/m3) 74.8 61.5 31.7 36.8 61.7 32.5 35.7 64.3 90.2 68.9 79.2	(ug/m3)	(ug/m3) 46.7 23.0 13.9 35.0 28.0 10.4 29.2 27.8 32.1 30.1 32.2 48.3 41.9 PM10 (ug/m3) 81.8 49.6 23.0 17.0 49.8 48.7 57.4 57.6 51.7	(ug/m3) 31.6 26.8 8.6 13.6 34.6 13.6 34.6 7.7 15.5 14.5 33.9 41.0 30.2 39 PM10 (ug/m3) 55.6 37.2 13.9 21.9 57.3 12.3 28.3 25.7 29.6 60.1 72.6	(ug/m3) 12.4 20.1 6.9 8.9 12.5 2.3 6.8 8.9 6.6 8.5 11.2 14.5 9.8 PM10 (ug/m3) 30.8 34.9 11.9 15.3 22.9 4.0 11.5 16.6 11.2 17.0	(ug/m3) 25.2 16.3 10.5 - 19.8 19.9 30.4 20.9 30.0 30.8 65.0 47.9 PM10 (ug/m3) 41.3 28.3 17.7 - 33.2 14.2 50.0 33.8 50.3 55.6	(ug/m3) 12.9 8.5 8.7 30.0 19.0 9.8 14.9 18.5 39.1 37.1 31.2 28.1 31.8 PM10 (ug/m3) 21.5 13.6 14.8 16.6 25.5 31.4 71.4 64.9 58.2	(ug/m3) 40.6 16.6 17.8 31.8 31.8 31.4 14.5 38.0 22.3 24.0 47.3 48.3 51.5 49.3 PM10 (ug/m3) 70.2 29.5 28.8 22.5 61.4 40.3 81.1 76.8	(ug/m3) 21.0 21.4 14.9 17.8 20.2 12.8 22.9 22.7 26.9 25.1 29.5 38.6 29.4 23.3 PM10 (ug/m3) 33.5 28.8 32.9 19.7 34.3 33.9 37.2 41.0
MSW Point 1 1 2 2 3 4 2 5 6 6 2 7 2 13 2 4 2 5 1 6 6 2 7 2 13 2 4 2 5 6 6 2 7 2 7 2 8 2 9 1 6 6 2 7 7 2 8 2 9 2 1 1 6 6 2 7 7 2 8 8 2 9 9 2 1 1 6 6 2 7 7 2 8 8 2 9 9 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	East Corner of Tip Floor Rollup Door Near Residual Pile on Tip Floor Corridor Between MRF and Tip Floor (air moving from MRF to Tip Floor) Between C1450 and C520 Near C740 Near MRF Floor Sump Between C500 and Eyewash, in Front of Control Room Between D930 and C980 Between D930 and C980 Between D930 and D120 Between D180 and D120 Between D180 and D101 Between Trommels Between AWS 550s Location Description East Corner of Tip Floor Rollup Door Near Residual Pile on Tip Floor Corridor Between MRF and Tip Floor (air moving from MRF to Tip Floor) Between C740 Near MRF Floor Sump Between C980 and Eyewash, in Front of Control Room Between D30 and C980 Between D30 and C980 Between D30 and D430	26.9 48.2 14.6 12.7 19.4 14.5 17.0 18.7 24.7 31.5 16.4 48.6 50.2 PM10 (ug/m3) 72.1 22.0 21.4 27.9 21.5 25.4 25.9 32.4	(ug/m3) 18.2 44.4 44.4 19.5 46.8 32.3 17.1 23.1 35.6 32.5 39.6 43.8 36.2 PM10 (ug/m3) 28.4 7.3.7 30.7 82.0 48.8 26.1 38.3 55.8 50.8 64.5	(ug/m3) 26.3 27.0 16.0 19.1 24.4 17.7 21.9 24.1 22.5 29.5 39.3 34.0 PM10 (ug/m3) 41.4 42.4 23.4 30.1 37.4 27.8 34.3 37.1	(ug/m3) 16.8 12.5 10.0 18.1 22.2 11.3 14.9 21.8 28.3 30.2 30.8 29.8 28.9 PM10 (ug/m3) 23.1 19.7 13.6 26.2 34.1 16.7 22.0 33.3 43.4 48.7	(ug/m3) 12.6 12.2 8.7 16.5 9.2 19.3 16.7 17.2 29.8 23.7 26.2 42.3 PM10 (ug/m3) 20.1 18.2 15.1 14.7 25.5 16.1 30 24.8 26.8 26.8	(ug/m3) 23.0 38.4 27.1 38.2 33.9 22.7 67.1 42.4 51.9 22.6 65.5 77.8 19.9 PM10 (ug/m3) 36.9 62.7 45.1 51.8 34.4 108.1 65.8 65.0 33.0	(ug/m3) 34.0 24.8 40.5 12.5 12.5 12.5 22.6 31.3 38.5 48.9 15.4 40.9 19.2 PM10 (ug/m3) 20.1 26.5 28.4 14.0 14.1 26.22 14.3 21.1 20.4	(ug/m3) 24.2 24.7 42.2 24.7 42.2 8.5 9.9 27.3 26.6 30.6 48.8 7.3 16.4 33.1 40.5 PM10 (ug/m3) 44.4 52.4 90.5 59.9 43.8 65.2 15.5 24.3 35.5	(ug/m3) 10.9 11.8 11.4 13.3 17.8 10.0 17.0 25.7 20.4 24.3 24.4 29.4 15.6 PM10 (ug/m3) 16.5 18.1 16.9 19.6 27.3 14.5 25.3 41.9 33.3 40.6	(ug/m3) 15 14.1 13.3 18.7 10.8 8 34.8 23.1 15.3 20.5 21.6 170.2 34.4 PM10 (ug/m3) 23.3 19.6 21.3 19.6 17 12.3 55.8 39.4 24.4 33.5	(ug/m3) 11.5 13.7 13.8 9.8 12.7 11.8 9.2 20.1 24.0 19.7 21.7 24.1 27.0 12.5 PM10 (ug/m3) 19.1 18.9 17.2 21.1 23.3 14.3 36.9 27.6 38.9	(ug/m3) 12.6 12.2 8.7 10 16.5 9.2 19.3 16.7 17.2 29.8 23.7 26.2 42.3 PM10 (ug/m3) 20.1 18.2 15.1 14.7 25.5 16.1 30 24.8 26.8 24.8 26.8	(ug/m3)	(ug/m3) 43.0 29.7 19.3 23.0 37.2 20.4 22.5 37.8 52.3 41.1 47.4 40.2 PM10 (ug/m3) 74.8 61.5 31.7 32.5 35.7 64.3 90.2	(ug/m3)	(ug/m3) 46.7 23.0 23.0 13.9 35.0 28.0 10.4 29.2 27.8 32.1 30.1 32.2 48.3 41.9 PM10 (ug/m3) 81.8 49.6 23.0 57.4 45.0 17.0 49.8 48.7 57.6 51.7	(ug/m3) 31.6 26.8 8.6 13.6 13.6 13.6 13.6 13.6 14.5 34.9 41.0 30.2 39 PM10 (ug/m3) 55.6 37.2 13.9 57.3 12.3 28.3 25.7 29.6 60.1	(ug/m3) 12.4 20.1 20.1 6.9 8.9 12.5 2.3 6.8 8.9 6.6 8.5 11.2 14.5 9.8 PM10 (ug/m3) 30.8 34.9 11.9 11.9 15.3 22.9 4.0 11.5 16.6 11.2	(ug/m3) 25.2 16.3 10.5 19.8 19.9 30.4 20.9 30.0 47.9 56.9 PM10 (ug/m3) 41.3 28.3 17.7 33.2 14.2 50.0 33.8 50.3	(ug/m3) 12.9 8.5 8.7 30.0 19.0 19.0 18.5 39.1 37.1 31.2 28.1 31.8 PM10 (ug/m3) 21.5 13.6 14.8 16.6 32.1 16.6 32.1 16.6 32.1 16.6 32.1 16.6 44.9	(ug/m3) 40.6 16.6 17.8 31.8 31.8 31.4 14.5 38.0 22.3 24.0 47.3 48.3 51.5 49.3 PM10 (ug/m3) 70.2 29.5 28.8 22.5 61.4 42.8 22.5 61.4 36.1 40.3 81.1	(ug/m3) 21.0 21.4 14.9 17.8 20.2 12.8 22.9 22.7 26.9 25.1 29.5 38.6 29.4 23.3 PM100 (ug/m3) 33.5 34.8 23.9 19.7 34.3 33.9 37.2

The facility was running MSW & SSR All of the rollup doors were open

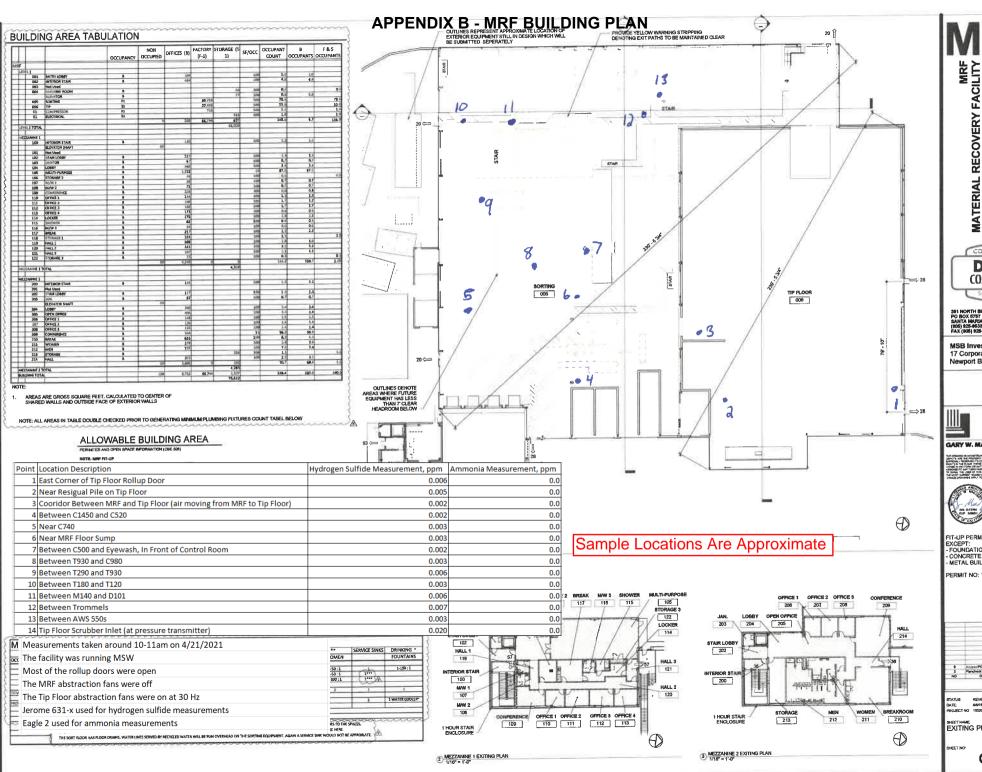
The MRF abstraction fans were on

The Tip Floor abstraction fans were on at 30 Hz

Jerome 631-x used for hydrogen sulfide measurements, last calibrate 5/6/23

Eagle 2 used for ammonia measurements, last calibrated 5/6/23

Temptop M2000 AQ Meter for PM2.5, PM10, and CO2 used for PM measurements, last calibrated N/A





381 NORTH BLOSSER ROAD PO BOX 5787 2ANTA MARIA, CA 93458 - 5787 (805) 925-4633 FAX (808) 928-2150

MSB Investors, LLC 17 Corporate Plaza, Suite 200 Newport Beach, CA 92660

GARY W. MADJEDI, ARCHITECT



- FOUNDATIONS
- CONCRETE BUILDING WALLS
- METAL BUILDING AND SIDING PERMIT NO: 19REV-00345

REVIEW 8/6/19 150201

EXITING PLANS