

ATTACHMENT 2

Variance Order 2021-12-R Monthly Updates

December 7, 2022

Santa Barbara County Air Pollution Control District
Hearing Board

260 San Antonio Road, Suite A
Santa Barbara, California 93110

January 15, 2022

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 02
H.B. Case No. 2021-12-R

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 1, 2021 in connection with H.B. Case No. 2021-12-R we offer the following report:

Our general contractor, Diani Building Corp., Santa Maria, CA, has completed a detailed of the damages to our Resource Center facilities located at the County owned Tajiguas Landfill. They are in the process of completing an estimate for the repairs and potential replacement of the damaged MRF biofilter facilities. Our air quality consultant, AECOM is in the process of responding to the District engineers request for additional AQ/HRA analysis related to the MRF biofilter facilities. Until the damage repair/replacement estimate is completed by Diani and the additional AQ/HRA work is completed by AECOM, we are not yet in a position to provide the estimated dates for repair and replacement. Our goal of course is to have the damaged equipment repaired or replaced with alternative air emission control systems acceptable to the District's engineering staff on or prior to the expiration of this Variance.

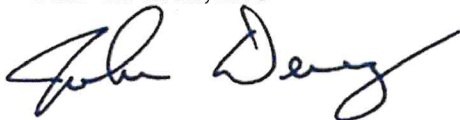
As stated in our petition for the Variance, we took preventative measures once the scrubbers became non-operational such as additional building ventilation and indoor air monitoring on a weekly basis. The indoor air monitoring revealed indoor air measurements of H2S and NH3 of approximately 2-5% of the 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 October 29, 2021 through January 14, 2022.

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

Sincerely,

MSB Investors, LLC



John Dewey
CEO & Managing Member

APPENDIX A - MRF INDOOR AIR SAMPLING

Facility Emissions During Operations Without Operational Biofilters and Baghouses

Point	Location Description	Friday (10/29)	Friday (11/5)	Friday (11/12)	Friday (11/19)	Friday (11/26)	Friday (12/3)	Friday (12/11)	Friday (12/17)	Thursday (12/23)	Thursday (12/30)	Friday (1/7/22)	Friday (1/14/22)	10/29 - 1/14 Avg.
		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 Rollup Door	0.009	0.002	0.006	0.004	0.006	0.002	0.009	0.010	0.003	0.007	0.005	0.003	0.006
2	Near Residual Pile on Tip Floor	0.006	0.009	0.009	0.004	0.008	0.006	0.024	0.016	0.008	0.008	0.003	0.003	0.009
3	Corridor Between MRF and Tip Floor (air moving from MRF to Tip F	0.004	0.003	0.009	0.004	0.005	0.006	0.009	0.017	0.007	0.004	0.003	0.004	0.006
4	Between C1450 and C520	0.006	0.004	0.011	0.005	0.006	0.005	0.013	0.008	0.003	0.006	0.003	0.005	0.006
5	Near C740	0.006	0.006	0.002	0.002	0.004	0.002	0.002	0.002	0.004	0.005	0.003	0.003	0.003
6	Near MRF Floor Sump	0.008	0.004	0.007	0.002	0.007	0.005	0.003	0.013	0.002	0.008	0.004	0.003	0.006
7	Between C500 and Eyewash, In Front of Control Room	0.006	0.005	0.009	0.003	0.004	0.004	0.006	0.013	0.005	0.004	0.004	0.004	0.006
8	Between T930 and C980	0.004	0.004	0.007	0.002	0.006	0.004	0.006	0.010	0.006	0.006	0.007	0.004	0.006
9	Between T920 and T930	0.006	0.003	0.003	0.004	0.007	0.005	0.005	0.011	0.006	0.006	0.003	0.003	0.005
10	Between T180 and T120	0.008	0.003	0.003	0.003	0.002	0.002	0.005	0.012	0.003	0.003	0.004	0.003	0.004
11	Between M140 and D101	0.006	0.003	0.006	0.003	0.003	0.003	0.006	0.010	0.003	0.003	0.003	0.002	0.004
12	Between Trommels	0.004	0.004	0.008	0.004	0.004	0.004	0.006	0.014	0.005	0.004	0.001	0.003	0.005
13	Between AWS 550s	0.006	0.003	0.008	0.003	0.002	0.003	0.009	0.009	0.004	0.002	0.002	0.003	0.012

Point	Location Description	NH3 (ppmv)	NH3 (ppmv)	NH3 (ppmv)	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	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2	Near Residual Pile on Tip Floor	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.500	0.000	0.042
3	Corridor Between MRF and Tip Floor (air moving from MRF to Tip F	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
4	Between C1450 and C520	0.500	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.042
5	Near C740	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.500	0.000	0.042
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	0.000	0.000	0.000
7	Between C500 and Eyewash, In Front of Control Room	0.500	0.000	0.000	0.000	0.000	0.500	0.000	0.000	0.000	0.000	0.500	0.000	0.125
8	Between T930 and C980	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.500	0.000	0.042
9	Between T920 and T930	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
10	Between T180 and T120	0.500	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.042
11	Between M140 and D101	0.500	0.500	0.000	0.000	0.000	0.500	0.000	0.000	0.000	0.000	0.000	0.000	0.125
12	Between Trommels	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
13	Between AWS 550s	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

Point	Location Description	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)	PM2.5 (ug/m3)	PM2.5 (ug/m3)	PM2.5 (ug/m3)	PM2.5 (ug/m3)	PM2.5 (ug/m3)
1	East Corner of Tip Floor Rollup Door	25.5	23.0	21.6	12.7	9.9	12.6	19.1	9.1	8.9	16.6	11.0	13	15.3
2	Near Residual Pile on Tip Floor	14.1	38.4	30.8	12.3	26.8	15.7	55.4	34.0	24.8	40.5	10.5	12.5	26.3
3	Corridor Between MRF and Tip Floor (air moving from MRF to Tip F	15.7	27.1	25.8	12.4	27.7	21.3	18.4	24.2	24.7	42.2	8.5	9.9	21.5
4	Between C1450 and C520	17.7	33.2	27.3	11.7	13.7	15.8	28.6	57.9	16.7	50.2	9.5	10.3	24.4
5	Near C740	27.7	33.9	32.5	15.5	36.2	22.7	35.2	35.2	34.5	49.9	46.4	14.5	32.0
6	Near MRF Floor Sump	12.5	22.7	44.1	11.1	10.3	14.5	8.7	37.1	9.3	17	9.1	11.1	17.3
7	Between C500 and Eyewash, In Front of Control Room	22.2	67.1	29.9	20.3	23.3	36.2	33.8	27.9	41	43.1	29.3	13.9	32.3
8	Between T930 and C980	25.2	42.4	40.0	17.7	38.5	28.4	22.3	31.3	38.5	48.9	29.8	15.4	31.5
9	Between T920 and T930	22.7	51.9	35.3	19.3	29.8	31.5	28.7	26.6	30.6	48.8	7.3	16.4	29.1
10	Between T180 and T120	42.2	22.6	42.5	29.1	73.6	53.4	43.5	51.4	74.3	72.8	16.2	25.5	45.6
11	Between M140 and D101	33.8	65.5	51.5	23.4	51.4	48.3	43.2	49.0	72.4	81.4	95.7	23.6	53.3
12	Between Trommels	24.3	77.8	63.8	33.6	46.8	61.2	28.6	52.1	61.8	67.2	14.3	22.3	46.2
13	Between AWS 550s	36.5	43.0	77.5	22.2	38.9	43.9	37.5	73.4	47.9	36.9	54.0	20.3	44.3

Point	Location Description	PM10 (ug/m3)	PM10 (ug/m3)	PM10 (ug/m3)	PM10 (ug/m3)	PM10 (ug/m3)	PM10 (ug/m3)	PM10 (ug/m3)	PM10 (ug/m3)	PM10 (ug/m3)	PM10 (ug/m3)	PM10 (ug/m3)	PM10 (ug/m3)	PM10 (ug/m3)
1	East Corner of Tip Floor Rollup Door	39.3	36.9	34.4	19.1	20.1	26.5	28.4	14.0	14.1	26.22	14.3	21.1	24.5
2	Near Residual Pile on Tip Floor	31.0	62.7	50.8	18.9	44.4	52.4	90.5	59.9	43.8	65.2	15.5	24.3	46.6
3	Corridor Between MRF and Tip Floor (air moving from MRF to Tip F	23.1	45.1	40.6	17.2	35.2	38.7	27.5	38.6	39.1	65.8	13.2	19.1	33.6
4	Between C1450 and C520	28.4	52.1	43.3	21.2	27.7	34.6	43.6	90.3	23.9	78.4	15.2	34.7	41.1
5	Near C740	44.5	51.8	51.1	23.4	50.8	48.1	56.1	56.1	53.8	77.7	79.3	33.5	52.2
6	Near MRF Floor Sump	18.4	34.4	67.7	17.3	35.2	41.2	12.6	58.6	34.7	24.7	13.6	21.1	31.6
7	Between C500 and Eyewash, In Front of Control Room	34.8	108.1	49.8	31.3	34.1	44.6	52.4	46.1	66	69.2	44.9	32.2	51.1
8	Between T930 and C980	39.3	65.8	62.8	36.9	47.1	53.5	37.3	49.2	62	75.4	47.2	24.7	50.1
9	Between T920 and T930	36.3	65.0	52.2	27.6	41.6	37.3	44.7	43.1	49.7	75.2	9.9	26.8	42.5
10	Between T180 and T120	69.1	39.0	65.2	38.9	64.2	53.4	69.5	84.7	117.5	119.4	24.3	43.4	65.7
11	Between M140 and D101	53.6	101.5	81.3	37.3	67.6	45.3	67.1	78.1	121.6	130.6	84.4	34.6	75.3
12	Between Trommels	39.3	127.7	104.3	47.7	63.5	58.4	44.5	84.1	96.5	106.8	22.5	45.3	70.1
13	Between AWS 550s	59.9	69.5	122.4	26.9	59.6	35.4	60.2	101.5	76.2	56.7	82.4	25.3	64.7

All of the rollup doors were open

The MRF abstraction fans were off/on

The Tip Floor abstraction fans were on at 30 Hz

Jerome 631-x used for hydrogen sulfide measurements

Eagle 2 used for ammonia measurements

TempTop M2000 AQ Meter for PM2.5, PM10, and CO2 used for PM measurements

BUILDING AREA TABULATION

NO.	DESCRIPTION	OCCUPANCY	NON OCCUPIED	OFFICES (B)	FACTORY (F-1)	STORAGE (S)	SF/OCC	OCCUPANT COUNT	B OCCUPANTS	F & S OCCUPANTS
201	ENTRANCE	1								
202	RECEPTION	1								
203	LOBBY	1								
204	STAIR	1								
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17 Corporate Plaza Drive, Suite 200
Newport Beach, CA 92660
O: 805.259.9499

February 15, 2022

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 02
H.B. Case No. 2021-12-R

**RE: MSB Investors, LLC
ReSource Center (formerly Tajiguas Resource Recovery Project)
Variance Update Due to Alisal Fire Impact**

Aimee:

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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 October 29, 2021 through February 11, 2022.

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

Sincerely,

MSB Investors, LLC

A handwritten signature in blue ink, appearing to read "John Dewey", is written over a horizontal line.

John Dewey
CEO & Managing Member

APPENDIX A - MRF INDOOR AIR SAMPLING

Facility Emissions During Operations Without Operational Biofilters and Baghouses

Point	Location Description	Friday (10/29)	Friday (11/5)	Friday (11/12)	Friday (11/19)	Friday (11/26)	Friday (12/3)	Friday (12/11)	Friday (12/17)	Thursday (12/23)	Thursday (12/30)	Friday (1/7/22)	Friday (1/14/22)	Friday (1/21/22)	Friday (1/28/22)	Friday (2/4/22)	Friday (2/11/22)	10/29 - 2/11 Avg.
		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 Rollup Door	0.009	0.002	0.006	0.004	0.006	0.002	0.009	0.010	0.003	0.007	0.005	0.003	0.006	0.009	0.004	0.003	0.006
2	Near Residual Pile on Tip Floor	0.006	0.009	0.009	0.004	0.008	0.006	0.024	0.016	0.008	0.008	0.003	0.003	0.007	0.006	0.006	0.004	0.008
3	Corridor Between MRF and Tip Floor (air moving from MRF to Tip Floor)	0.004	0.003	0.009	0.004	0.005	0.006	0.009	0.017	0.007	0.004	0.003	0.004	0.007	0.005	0.000	0.003	0.006
4	Between C1450 and C520	0.006	0.004	0.011	0.005	0.006	0.005	0.013	0.008	0.003	0.006	0.003	0.005	0.007	0.003	0.000	0.004	0.006
5	Near C740	0.006	0.006	0.002	0.002	0.004	0.002	0.002	0.002	0.004	0.005	0.003	0.003	0.003	0.006	0.003	0.005	0.004
6	Near MRF Floor Sump	0.008	0.004	0.007	0.002	0.007	0.005	0.003	0.013	0.002	0.008	0.004	0.003	0.004	0.004	0.003	0.003	0.005
7	Between C500 and Eyewash, In Front of Control Room	0.006	0.005	0.009	0.003	0.004	0.004	0.006	0.013	0.005	0.004	0.004	0.004	0.008	0.004	0.002	0.004	0.005
8	Between T930 and C980	0.004	0.004	0.007	0.002	0.006	0.004	0.006	0.010	0.006	0.006	0.007	0.004	0.006	0.004	0.000	0.004	0.005
9	Between T920 and T930	0.006	0.003	0.003	0.004	0.007	0.005	0.005	0.011	0.006	0.006	0.003	0.003	0.006	0.005	0.000	0.003	0.005
10	Between T180 and T120	0.008	0.003	0.003	0.003	0.002	0.002	0.005	0.012	0.003	0.003	0.004	0.003	0.001	0.005	0.001	0.004	0.004
11	Between M140 and D101	0.006	0.003	0.006	0.003	0.003	0.003	0.006	0.010	0.003	0.003	0.003	0.002	0.002	0.006	0.000	0.006	0.004
12	Between Trommels	0.004	0.004	0.008	0.004	0.004	0.004	0.006	0.014	0.005	0.004	0.001	0.003	0.004	0.004	0.001	0.006	0.005
13	Between AWS 550s	0.006	0.003	0.008	0.003	0.002	0.003	0.009	0.099	0.004	0.002	0.002	0.003	0.004	0.004	0.001	0.004	0.010

Point	Location Description	NH3 (ppmv)	NH3 (ppmv)	NH3 (ppmv)	NH3 (ppmv)	NH3 (ppmv)	NH3 (ppmv)	NH3 (ppmv)	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	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	0.500	0.000	0.031
2	Near Residual Pile on Tip Floor	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	0.500	0.000	0.063
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	0.000	0.000	0.000	0.000	0.500	0.000	0.031
4	Between C1450 and C520	0.500	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	0.500	0.000	0.063
5	Near C740	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	0.500	0.000	0.063
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	0.000	0.000	0.000	0.000	0.500	0.000	0.031
7	Between C500 and Eyewash, In Front of Control Room	0.500	0.000	0.000	0.000	0.000	0.500	0.000	0.000	0.000	0.000	0.500	0.000	0.000	0.000	0.500	0.000	0.125
8	Between T930 and C980	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	0.500	0.000	0.063
9	Between T920 and T930	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	1.000	0.000	0.063
10	Between T180 and T120	0.500	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	0.500	0.000	0.063
11	Between M140 and D101	0.500	0.500	0.000	0.000	0.000	0.500	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.500	0.500	0.156
12	Between Trommels	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	0.500	0.500	0.063
13	Between AWS 550s	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	1.000	0.000	0.063

Point	Location Description	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)	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)	PM2.5 (ug/m3)
1	East Corner of Tip Floor Rollup Door	25.5	23.0	21.6	12.7	9.9	12.6	19.1	9.1	8.9	16.6	11.0	13	13	11.5	15.4	10.9	14.6
2	Near Residual Pile on Tip Floor	14.1	38.4	30.8	12.3	26.8	15.7	55.4	34.0	24.8	40.5	10.5	12.5	22.6	13.7	25.2	11.8	24.3
3	Corridor Between MRF and Tip Floor (air moving from MRF to Tip Floor)	15.7	27.1	25.8	12.4	27.7	21.3	18.4	24.2	24.7	42.2	8.5	9.9	27.3	9.8	6.4	11.4	19.6
4	Between C1450 and C520	17.7	33.2	27.3	11.7	13.7	15.8	28.6	57.9	16.7	50.2	9.5	10.3	12.5	12.7	6.3	13.3	21.1
5	Near C740	27.7	33.9	32.5	15.5	36.2	22.7	35.2	34.5	49.9	46.4	14.5	42.3	11.8	13.3	17.8	29.3	
6	Near MRF Floor Sump	12.5	22.7	44.1	11.1	10.3	14.5	8.7	37.1	9.3	17	9.1	11.1	19.9	9.2	4.7	10.0	15.7
7	Between C500 and Eyewash, In Front of Control Room	22.2	67.1	29.9	20.3	23.3	36.2	33.8	27.9	41	43.1	29.3	13.9	19.2	20.1	8.2	17.0	28.3
8	Between T930 and C980	25.2	42.4	40.0	17.7	38.5	28.4	22.3	31.3	38.5	48.9	29.8	15.4	40.5	24.0	17.7	25.7	30.4
9	Between T920 and T930	22.7	51.9	35.3	19.3	29.8	31.5	28.7	26.6	30.6	48.8	7.3	16.4	33.1	19.7	21.7	20.4	27.7
10	Between T180 and T120	42.2	22.6	42.5	29.1	73.6	53.4	43.5	51.4	74.3	72.8	16.2	25.5	42.2	21.7	16.6	24.3	40.7
11	Between M140 and D101	33.8	65.5	51.5	23.4	51.4	48.3	43.2	49.0	72.4	81.4	95.7	23.6	40.8	24.1	18.1	24.4	46.7
12	Between Trommels	24.3	77.8	63.8	33.6	46.8	61.2	28.6	52.1	61.8	67.2	14.3	22.3	37.6	27.0	17.3	29.4	41.6
13	Between AWS 550s	36.5	43.0	77.5	22.2	38.9	43.9	37.5	73.4	47.9	36.9	54.0	20.3	40.8	17.3	26.7	15.6	39.5

Point	Location Description	PM10 (ug/m3)	PM10 (ug/m3)	PM10 (ug/m3)	PM10 (ug/m3)	PM10 (ug/m3)	PM10 (ug/m3)	PM10 (ug/m3)	PM10 (ug/m3)	PM10 (ug/m3)	PM10 (ug/m3)	PM10 (ug/m3)	PM10 (ug/m3)	PM10 (ug/m3)	PM10 (ug/m3)	PM10 (ug/m3)	PM10 (ug/m3)	PM10 (ug/m3)
1	East Corner of Tip Floor Rollup Door	39.3	36.9	34.4	19.1	20.1	26.5	28.4	14.0	14.1	26.22	14.3	21.1	20.4	19.1	25.3	16.5	23.5
2	Near Residual Pile on Tip Floor	31.0	62.7	50.8	18.9	44.4	52.4	90.5	59.9	43.8	65.2	15.5	24.3	35.5	18.9	37.8	18.1	41.9
3	Corridor Between MRF and Tip Floor (air moving from MRF to Tip Floor)	23.1	45.1	40.6	17.2	35.2	38.7	27.5	38.6	39.1	65.8	13.2	19.1	26.4	17.2	9.7	16.9	29.6
4	Between C1450 and C520	28.4	52.1	43.3	21.2	27.7	34.6	43.6	90.3	23.9	78.4	15.2	34.7	18.8	21.1	9.0	19.6	35.1
5	Near C740	44.5	51.8	51.1	23.4	50.8	48.1	56.1	56.1	53.8	77.7	79.3	33.5	63.8	23.3	21.1	27.3	47.6
6	Near MRF Floor Sump	18.4	34.4	67.7	17.3	35.2	41.2	12.6	58.6	34.7	24.7	13.6	21.1	30.1	14.3	7.3	14.5	27.9
7	Between C500 and Eyewash, In Front of Control Room	34.8	108.1	49.8	31.3	34.1	44.6	52.4	46.1	66	69.2	44.9	32.2	29.6	31.3	12.9	25.3	44.5
8	Between T930 and C980	39.3	65.8	62.8	36.9	47.1	53.5	37.3	49.2	62	75.4	47.2	24.7	62.1	36.9	20.9	41.9	47.7
9	Between T920 and T930	36.3	65.0	52.2	27.6	41.6	37.3	44.7	43.1	49.7	75.2	9.9	26.8	53.4	27.6	34.6	33.3	41.1
10	Between T180 and T120	69.1	39.0	65.2	38.9	64.2	53.4	69.5	84.7	117.5	119.4	24.3	43.4	62.1	38.9	25.9	40.6	59.8
11	Between M140 and D101	53.6	101.5	81.3	37.3	67.6	45.3	67.1	78.1	121.6	130.6	84.4	34.6	62.0	37.3	28.9	39.9	66.9
12	Between Trommels	39.3	127.7	104.3	47.7	63.5	58.4	44.5	84.1	96.5	106.8	22.5	45.3	60.2	47.7	25.7	48	63.9
13	Between AWS 550s	59.9	69.5	122.4	26.9	59.6	35.4	60.2	101.5	76.2	56.7	82.4	25.3	69.3	26.9	42.6	22.8	58.6

All of the rollup doors were open

The MRF abstraction fans were off/on

The Tip Floor abstraction fans were on at 30 Hz

Jerome 631-x used for hydrogen sulfide measurements

Eagle 2 used for ammonia measurements

TempTop M2000 AQ Meter for PM2.5, PM10, and CO2 used for PM measurements

UNIT	OCCUPANCY	NON OCCUPIED	OFFICES (N)	FACTORY (F-3)	STORAGE (S-1)	SF/OCC	ACCOUNT OCCUPANTS	B OCCUPANTS	F & S OCCUPANTS
2501									
2502	RETIRED	0	100			100	1	1	
2503	RETIRED	0	100			100	1	1	
2504	RETIRED	0	100			100	1	1	
2505	RETIRED	0	100			100	1	1	
2506	RETIRED	0	100			100	1	1	
2507	RETIRED	0	100			100	1	1	
2508	RETIRED	0	100			100	1	1	
2509	RETIRED	0	100			100	1	1	
2510	RETIRED	0	100			100	1	1	
2511	RETIRED	0	100			100	1	1	
2512	RETIRED	0	100			100	1	1	
2513	RETIRED	0	100			100	1	1	
2514	RETIRED	0	100			100	1	1	
2515	RETIRED	0	100			100	1	1	
2516	RETIRED	0	100			100	1	1	
2517	RETIRED	0	100			100	1	1	
2518	RETIRED	0	100			100	1	1	
2519	RETIRED	0	100			100	1	1	
2520	RETIRED	0	100			100	1	1	
2521	RETIRED	0	100			100	1	1	
2522	RETIRED	0	100			100	1	1	
2523	RETIRED	0	100			100	1	1	
2524	RETIRED	0	100			100	1	1	
2525	RETIRED	0	100			100	1	1	
2526	RETIRED	0	100			100	1	1	
2527	RETIRED	0	100			100	1	1	
2528	RETIRED	0	100			100	1	1	
2529	RETIRED	0	100			100	1	1	
2530	RETIRED	0	100			100	1	1	
2531	RETIRED	0	100			100	1	1	
2532	RETIRED	0	100			100	1	1	
2533	RETIRED	0	100			100	1	1	
2534	RETIRED	0	100			100	1	1	
2535	RETIRED	0	100			100	1	1	
2536	RETIRED	0	100			100	1	1	
2537	RETIRED	0	100			100	1	1	
2538	RETIRED	0	100			100	1	1	
2539	RETIRED	0	100			100	1	1	
2540	RETIRED	0	100			100	1	1	
2541	RETIRED	0	100			100	1	1	
2542	RETIRED	0	100			100	1	1	
2543	RETIRED	0	100			100	1	1	
2544	RETIRED	0	100			100	1	1	
2545	RETIRED	0	100			100	1	1	
2546	RETIRED	0	100			100	1	1	
2547	RETIRED	0	100			100	1	1	
2548	RETIRED	0	100			100	1	1	
2549	RETIRED	0	100			100	1	1	
2550	RETIRED	0	100			100	1	1	
2551	RETIRED	0	100			100	1	1	
2552	RETIRED	0	100			100	1	1	
2553	RETIRED	0	100			100	1	1	
2554	RETIRED	0	100			100	1	1	
2555	RETIRED	0	100			100	1	1	
2556	RETIRED	0	100			100	1	1	
2557	RETIRED	0	100			100	1	1	
2558	RETIRED	0	100			100	1	1	

NOTE: ALL AREAS IN TABLE DOUBLE CHECKED PRIOR TO GENERATING MINIMUM PLUMBING FIXTURES COUNT TABLE BELOW

PERMITTER AND OPEN SPACE INFORMATION (CBC 508)

METTER: MAKE IT-UP

Point	Location Description	Hydrogen Sulfide Measurement, ppm	Ammonia Measurement, ppm
1	East Corner of Tip Floor Rollup Door	0.006	0.0
2	Near Resigual Pile on Tip Floor	0.005	0.0
3	Cooridor Between MRF and Tip Floor (air moving from MRF to Tip Floor)	0.002	0.0
4	Between C1450 and C520	0.002	0.0
5	Near C740	0.003	0.0
6	Near MRF Floor Sump	0.003	0.0
7	Between C500 and Eyewash, In Front of Control Room	0.002	0.0
8	Between T930 and C980	0.003	0.0
9	Between T290 and T930	0.006	0.0
10	Between T180 and T120	0.003	0.0
11	Between M140 and D101	0.006	0.0
12	Between Trommels	0.007	0.0
13	Between AWS 550s	0.003	0.0
14	Tip Floor Scrubber Inlet (at pressure transmitter)	0.020	0.0

- The facility was running MSW
- Most of the rollup doors were open
- The MRF abstraction fans were off
- The Tip Floor abstraction fans were on at 30 Hz
- Jerome 631-x used for hydrogen sulfide measurements
- Eagle 2 used for ammonia measurements

4"	SERVICE SINKS	DRINKING *
CHICKEN		FOUNTAINS
PS0:1	1	1-20:1
PS0:7	1	
200:1	1	
1	1	1
	2	1 WATER COOLER

SE HENE

OUTLINES REPRESENT APPROXIMATE LOCATION OF EXTERIOR EQUIPMENT STILL IN DESIGN WHICH WILL BE SUBMITTED SEPARATELY

PROVIDE YELLOW WARNING STRIPPING DENOTING EXIT PATHS TO BE MAINTAINED CLEAR

STAIR

SORTING COB

TIP FLOOR COB

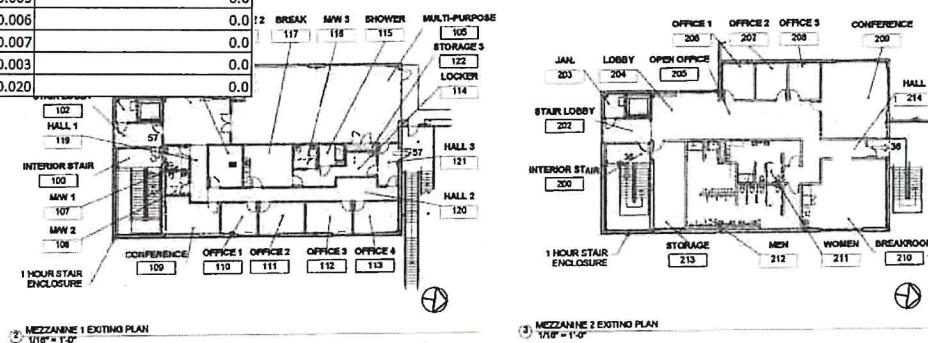
20' x 6' 6"

78' - 10"

OUTLINES DENOTE AREAS WHERE FUTURE EQUIPMENT HAS LESS THAN 7' CLEAR HEADROOM BELOW

Hfide Measurement, ppm	Ammonia Measurement, ppm
0.006	0.0
0.005	0.0
0.002	0.0
0.002	0.0
0.003	0.0

Sample Locations Are Approximate



② MEZZANINE 1 EXISTING PLAN
1/16" = 1'-0"

(3) MEZZANINE 2 EXISTING PLAN
1/8" = 1'-0"

MATERIAL RECOVERY FACILITY
363 TAJIGUAS LANDFILL ROAD
GOLETA, CA

TAJIGUAS RESOURCE
RECOVERY PROJECT

CONSTRUCTION
DIANI
COMPANIES

381 NORTH BLOSSER ROAD
PO BOX 5787
SANTA MARIA, CA 93458 - 878
(805) 925-8533
FAX (805) 928-2160

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



330 Acacia Place
 Arroyo Grande, CA 93420
 (805) 473-2773
gmaderi@gwarchitect.com

GARY W. MADERI, ARCHITECT

[illegible]

FIT-UP PERMIT - EVERYTHING EXCEPT:
 - FOUNDATIONS
 - CONCRETE BUILDING WALLS
 - METAL BUILDING AND SIDING

PERMIT NO: 19REV-00345

6	Amesbury PC 2	5/15/18	
5	Manchester 3	5/12/18	
NO	DESCRIPTION	DATE	BY
REVISIONS			

STATUS	REVIEW
DATE	6/8/19
PROJECT NO.	180201

SHEET NAME
EXITING PLANS

CONCLUSION

G200



APPENDIX A - MRF INDOOR AIR SAMPLING

17 Corporate Plaza Drive, Suite 200
Newport Beach, CA 92660
O: 805.259.9499

March 15, 2022

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 02
H.B. Case No. 2021-12-R

**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 1, 2021 in connection with H.B. Case No. 2021-12-R we offer the following report:

Our general contractor, Diani Building Corp., Santa Maria, CA, has completed a detailed estimate of the damages to our Resource Center facilities located at the County owned Tajiguas Landfill. They anticipate completing their estimate for the repairs and replacement of the baghouse filters adjacent to the damaged MRF biofilter facilities. Our air quality consultant, AECOM is in the process of responding to the District engineers request for additional AQ/HRA analysis related to the MRF biofilter facilities. They anticipate this to be submitted to District engineering prior to March 31, 2022. Until the damage repair/replacement estimate is completed by Diani and the additional AQ/HRA work is completed by AECOM, we are not yet in a position to provide the estimated dates for repair and replacement. Our goal of course is to have the damaged equipment repaired or replaced with alternative air emission control systems acceptable to 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 November 19, 2021 through March 11, 2022 (i.e., a 3-month lookback).

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

Sincerely,

MSB Investors, LLC

A handwritten signature in black ink, appearing to read "John Dewey", is written over the printed name.

John Dewey
CEO & Managing Member

APPENDIX A - MRF INDOOR AIR SAMPLING

Facility Emissions During Operations Without Operational Biofilters and Baghouses

Point	Location Description	Friday (11/19)	Friday (11/26)	Friday (12/3)	Friday (12/11)	Friday (12/17)	Thursday (12/23)	Thursday (12/30)	Friday (1/7/22)	Friday (1/14/22)	Friday (1/21/22)	Friday (1/28/22)	Friday (2/4/22)	Friday (2/11/22)	Friday (2/18/22)	Friday (2/25/22)	Friday (3/4/22)	Friday (3/11/22)	11/19 - 3/11 Avg.
1	East Corner of Tip Floor Rollup Door	0.004	0.006	0.002	0.009	0.010	0.003	0.007	0.005	0.003	0.006	0.009	0.004	0.003	0.004	0.009	0.012	0.002	0.006
2	Near Residual Pile on Tip Floor	0.004	0.008	0.006	0.024	0.016	0.008	0.008	0.003	0.003	0.007	0.006	0.006	0.004	0.003	0.006	0.005	0.009	0.007
3	Corridor Between MRF and Tip Floor (air moving from MRF to Tip Floor)	0.004	0.005	0.006	0.009	0.017	0.007	0.004	0.003	0.004	0.007	0.005	0.000	0.003	0.002	0.005	0.004	0.003	0.005
4	Between C1450 and C520	0.005	0.006	0.005	0.013	0.008	0.003	0.006	0.003	0.005	0.007	0.003	0.000	0.004	0.004	0.003	0.003	0.004	0.005
5	Near C740	0.002	0.004	0.002	0.002	0.002	0.004	0.005	0.003	0.003	0.003	0.006	0.003	0.005	0.006	0.006	0.002	0.006	0.004
6	Near MRF Floor Sump	0.002	0.007	0.005	0.003	0.013	0.002	0.008	0.004	0.003	0.004	0.004	0.003	0.003	0.006	0.004	0.002	0.004	0.005
7	Between C500 and Eyewash, In Front of Control Room	0.003	0.004	0.004	0.006	0.013	0.005	0.004	0.004	0.004	0.008	0.004	0.002	0.004	0.004	0.003	0.005	0.005	0.005
8	Between T930 and C980	0.002	0.006	0.004	0.006	0.010	0.006	0.006	0.007	0.004	0.006	0.004	0.000	0.004	0.008	0.004	0.007	0.004	0.005
9	Between T920 and T930	0.004	0.007	0.005	0.005	0.011	0.006	0.006	0.003	0.003	0.006	0.005	0.000	0.003	0.008	0.005	0.006	0.003	0.005
10	Between T180 and T120	0.003	0.002	0.002	0.005	0.012	0.003	0.003	0.004	0.003	0.001	0.005	0.001	0.004	0.005	0.005	0.002	0.003	0.004
11	Between M140 and D101	0.003	0.003	0.003	0.006	0.010	0.003	0.003	0.003	0.002	0.002	0.006	0.000	0.006	0.004	0.006	0.003	0.003	0.004
12	Between Trommels	0.004	0.004	0.004	0.006	0.014	0.005	0.004	0.001	0.003	0.004	0.004	0.001	0.006	0.004	0.004	0.003	0.004	0.004
13	Between AWS 550s	0.003	0.002	0.003	0.009	0.009	0.004	0.002	0.002	0.003	0.004	0.004	0.001	0.004	0.003	0.004	0.003	0.003	0.009

Point	Location Description	NH3 (ppmv)	NH3 (ppmv)	NH3 (ppmv)	NH3 (ppmv)	NH3 (ppmv)	NH3 (ppmv)	NH3 (ppmv)	NH3 (ppmv)	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	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.500	0.000	0.500	0.000	0.000	0.000	0.029
2	Near Residual Pile on Tip Floor	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.500	0.000	0.000	0.000	0.500	0.000	0.000	0.000	0.000	0.000	0.059
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	0.000	0.500	0.000	0.000	0.000	0.000	0.000	0.029
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	0.000	0.500	0.000	0.000	0.000	0.000	0.000	0.029
5	Near C740	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.500	0.000	0.000	0.000	0.500	0.000	0.000	0.000	0.000	0.000	0.059
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	0.000	0.500	0.000	0.000	0.000	0.000	0.000	0.029
7	Between C500 and Eyewash, In Front of Control Room	0.000	0.000	0.500	0.000	0.000	0.000	0.000	0.500	0.000	0.000	0.000	0.500	0.000	0.000	0.000	0.000	0.000	0.088
8	Between T930 and C980	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.500	0.000	0.000	0.000	0.500	0.000	0.000	0.000	0.000	0.000	0.059
9	Between T920 and T930	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.000	0.000	0.000	0.000	0.000	0.000	0.059
10	Between T180 and T120	0.000	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	0.000	0.000	0.029
11	Between M140 and D101	0.000	0.000	0.500	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.500	0.000	0.000	0.000	0.000	0.500	0.118
12	Between Trommels	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.500	0.500	0.050	0.000	0.000	0.000	0.062
13	Between AWS 550s	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.000	0.000	0.000	0.000	0.000	0.000	0.059

Point	Location Description	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)	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)	PM2.5 (ug/m3)	PM2.5 (ug/m3)
1	East Corner of Tip Floor Rollup Door	12.7	9.9	12.6	19.1	9.1	8.9	16.6	11.0	13	13	11.5	15.4	10.9	15	11.5	12.6	23.0	13.3
2	Near Residual Pile on Tip Floor	12.3	26.8	15.7	55.4	34.0	24.8	40.5	10.5	12.5	22.6	13.7	25.2	11.8	14.1	13.7	12.2	38.4	22.6
3	Corridor Between MRF and Tip Floor (air moving from MRF to Tip Floor)	12.4	27.7	21.3	18.4	24.2	24.7	42.2	8.5	9.9	27.3	9.8	6.4	11.4	13.3	9.8	8.7	27.1	17.8
4	Between C1450 and C520	11.7	13.7	15.8	28.6	57.9	16.7	50.2	9.5	10.3	12.5	12.7	6.3	13.3	18.7	12.7	10	33.2	19.6
5	Near C740	15.5	36.2	22.7	35.2	35.2	34.5	49.9	46.4	14.5	42.3	11.8	13.3	17.8	10.8	11.8	16.5	33.9	26.4
6	Near MRF Floor Sump	11.1	10.3	14.5	8.7	37.1	9.3	17	9.1	11.1	19.9	9.2	4.7	10.0	8	9.2	9.2	22.7	13.0
7	Between C500 and Eyewash, In Front of Control Room	20.3	23.3	36.2	33.8	27.9	41	43.1	29.3	13.9	19.2	20.1	8.2	17.0	34.8	20.1	19.3	67.1	27.9
8	Between T930 and C980	17.7	38.5	28.4	22.3	31.3	38.5	48.9	29.8	15.4	40.5	24.0	17.7	25.7	23.1	24.0	16.7	42.4	28.5
9	Between T920 and T930	19.3	29.8	31.5	28.7	26.6	30.6	48.8	7.3	16.4	33.1	19.7	21.7	20.4	15.3	19.7	17.2	51.9	25.8
10	Between T180 and T120	29.1	73.6	53.4	43.5	51.4	74.3	72.8	16.2	25.5	42.2	21.7	16.6	24.3	20.5	21.7	29.8	22.6	37.6
11	Between M140 and D101	23.4	51.4	48.3	43.2	49.0	72.4	81.4	95.7	23.6	40.8	24.1	18.1	24.4	21.6	24.1	23.7	65.5	43.0
12	Between Trommels	33.6	46.8	61.2	28.6	52.1	61.8	67.2	14.3	22.3	37.6	27.0	17.3	29.4	170.2	27.0	26.2	77.8	47.1
13	Between AWS 550s	22.2	38.9	43.9	37.5	73.4	47.9	36.9	54.0	20.3	40.8	17.3	26.7	15.6	34.4	17.3	15.3	43.0	34.4

Point	Location Description	PM10 (ug/m3)	PM10 (ug/m3)	PM10 (ug/m3)	PM10 (ug/m3)	PM10 (ug/m3)	PM10 (ug/m3)	PM10 (ug/m3)	PM10 (ug/m3)	PM10 (ug/m3)	PM10 (ug/m3)	PM10 (ug/m3)	PM10 (ug/m3)	PM10 (ug/m3)	PM10 (ug/m3)	PM10 (ug/m3)	PM10 (ug/m3)	PM10 (ug/m3)	PM10 (ug/m3)
1	East Corner of Tip Floor Rollup Door	19.1	20.1	26.5	28.4	14.0	14.1	26.22	14.3	21.1	20.4	19.1	25.3	16.5	23.3	19.1	20.1	36.9	21.4
2	Near Residual Pile on Tip Floor	18.9	44.4	52.4	90.5	59.9	43.8	65.2	15.5	24.3	35.5	18.9	37.8	18.1	21.3	18.9	18.2	62.7	38.0
3	Corridor Between MRF and Tip Floor (air moving from MRF to Tip Floor)	17.2	35.2	38.7	27.5	38.6	39.1	65.8	13.2	19.1	26.4	17.2	9.7	16.9	19.6	17.2	15.1	45.1	27.2
4	Between C1450 and C520	21.2	27.7	34.6	43.6	90.3	23.9	78.4	15.2	34.7	18.8	21.1	9.0	19.6	28.6	21.1	14.7	52.1	32.6
5	Near C740	23.4	50.8	48.1	56.1	56.1	53.8	77.7	79.3	33.5	63.8	23.3	21.1	27.3	17	23.3	25.5	51.8	43.1
6	Near MRF Floor Sump	17.3	35.2	41.2	12.6	58.6	34.7	24.7	13.6	21.1	30.1	14.3	7.3	14.5	12.3	14.3	16.1	34.4	23.7
7	Between C500 and Eyewash, In Front of Control Room	31.3	34.1	44.6	52.4	46.1	66	69.2	44.9	32.2	29.6	31.3	12.9	25.3	55.8	31.3	30	108.1	43.8
8	Between T930 and C980	36.9	47.1	53.5	37.3	49.2	62	75.4	47.2	24.7	62.1	36.9	20.9	41.9	39.4	36.9	24.8	65.8	44.8
9	Between T920 and T930	27.6	41.6	37.3	44.7	43.1	49.7	75.2	9.9	26.8	53.4	27.6	34.6	33.3	24.4	27.6	26.8	65.0	38.2
10	Between T180 and T120	38.9	64.2	53.4	69.5	84.7	117.5	119.4	24.3	43.4	62.1	38.9	25.9	40.6	33.5	38.9	46.5	39.0	55.3
11	Between M140 and D101	37.3	67.6	45.3	67.1	78.1	121.6	130.6	84.4	34.6	62.0	37.3	28.9	39.9	35.8	37.3	35.7	101.5	61.5
12	Between Trommels	47.7	63.5	58.4	44.5	84.1	96.5	106.8	22.5	45.3	60.2	47.7	25.7	48	283	47.7	42.1	127.7	73.6
13	Between AWS 550s	26.9	59.6	35.4	60.2	101.5	76.2	56.7	82.4	25.3	69.3	26.9	42.6	22.8	57.8	26.9	22.3	69.5	50.7

All of the rollup doors were open

The MRF abstraction fans were off/on

The Tip Floor abstraction fans were on at 30 Hz

Jerome 631-x used for hydrogen sulfide measurements

Eagle 2 used for ammonia measurements

TempTop M2000 AQ Meter for PM2.5, PM10, and CO2 used for PM measurements

UNIT		OCCUPANCY	NON OCCUPIED	OFFICES (N)	FACTORY (F-3)	STORAGE (3)	SE/OCC	OCCUPANT	B OCCUPANTS	F & S OCCUPANT
SECTION 1										
1	845	WHITE TOWN	0	120	120	0	120	0	120	0
2	846	WHITE TOWN	0	120	120	0	120	0	120	0
3	847	WHITE TOWN	0	120	120	0	120	0	120	0
4	848	WHITE TOWN	0	120	120	0	120	0	120	0
5	849	WHITE TOWN	0	120	120	0	120	0	120	0
6	850	WHITE TOWN	0	120	120	0	120	0	120	0
7	851	WHITE TOWN	0	120	120	0	120	0	120	0
8	852	WHITE TOWN	0	120	120	0	120	0	120	0
9	853	WHITE TOWN	0	120	120	0	120	0	120	0
10	854	WHITE TOWN	0	120	120	0	120	0	120	0
11	855	WHITE TOWN	0	120	120	0	120	0	120	0
12	856	WHITE TOWN	0	120	120	0	120	0	120	0
13	857	WHITE TOWN	0	120	120	0	120	0	120	0
14	858	WHITE TOWN	0	120	120	0	120	0	120	0
15	859	WHITE TOWN	0	120	120	0	120	0	120	0
16	860	WHITE TOWN	0	120	120	0	120	0	120	0
17	861	WHITE TOWN	0	120	120	0	120	0	120	0
18	862	WHITE TOWN	0	120	120	0	120	0	120	0
19	863	WHITE TOWN	0	120	120	0	120	0	120	0
20	864	WHITE TOWN	0	120	120	0	120	0	120	0
21	865	WHITE TOWN	0	120	120	0	120	0	120	0
22	866	WHITE TOWN	0	120	120	0	120	0	120	0
23	867	WHITE TOWN	0	120	120	0	120	0	120	0
24	868	WHITE TOWN	0	120	120	0	120	0	120	0
25	869	WHITE TOWN	0	120	120	0	120	0	120	0
26	870	WHITE TOWN	0	120	120	0	120	0	120	0
27	871	WHITE TOWN	0	120	120	0	120	0	120	0
28	872	WHITE TOWN	0	120	120	0	120	0	120	0
29	873	WHITE TOWN	0	120	120	0	120	0	120	0
30	874	WHITE TOWN	0	120	120	0	120	0	120	0
31	875	WHITE TOWN	0	120	120	0	120	0	120	0
32	876	WHITE TOWN	0	120	120	0	120	0	120	0
33	877	WHITE TOWN	0	120	120	0	120	0	120	0
34	878	WHITE TOWN	0	120	120	0	120	0	120	0
35	879	WHITE TOWN	0	120	120	0	120	0	120	0
36	880	WHITE TOWN	0	120	120	0	120	0	120	0
37	881	WHITE TOWN	0	120	120	0	120	0	120	0
38	882	WHITE TOWN	0	120	120	0	120	0	120	0
39	883	WHITE TOWN	0	120	120	0	120	0	120	0
40	884	WHITE TOWN	0	120	120	0	120	0	120	0
41	885	WHITE TOWN	0	120	120	0	120	0	120	0
42	886	WHITE TOWN	0	120	120	0	120	0	120	0
43	887	WHITE TOWN	0	120	120	0	120	0	120	0
44	888	WHITE TOWN	0	120	120	0	120	0	120	0
45	889	WHITE TOWN	0	120	120	0	120	0	120	0
46	890	WHITE TOWN	0	120	120	0				

NOTE: ALL AREAS IN TABLE DOUBLE CHECKED PRIOR TO GENERATING MINIMUM PLUMBING FIXTURES COUNT TABLE BELOW

PRINTED AND OPEN SPACE INFORMATION (PMS 400)

NOTE: MAKE IT-UP

Point	Location Description	Hydrogen Sulfide Measurement, ppm	Ammonia Measurement, ppm
1	East Corner of Tip Floor Rollup Door	0.006	0.0
2	Near Resigual Pile on Tip Floor	0.005	0.0
3	Cooridor Between MRF and Tip Floor (air moving from MRF to Tip Floor)	0.002	0.0
4	Between C1450 and C520	0.002	0.0
5	Near C740	0.003	0.0
6	Near MRF Floor Sump	0.003	0.0
7	Between C500 and Eyewash, In Front of Control Room	0.002	0.0
8	Between T930 and C980	0.003	0.0
9	Between T290 and T930	0.006	0.0
10	Between T180 and T120	0.003	0.0
11	Between M140 and D101	0.006	0.0
12	Between Trommels	0.007	0.0
13	Between AWS 550s	0.003	0.0
14	Tip Floor Scrubber Inlet (at pressure transmitter)	0.020	0.0

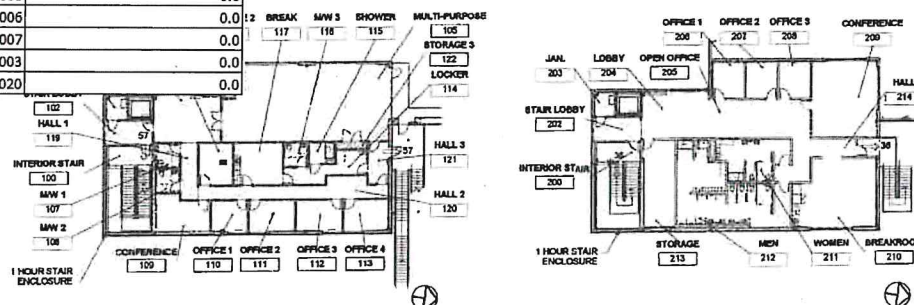
- The facility was running MSW
- Most of the rollup doors were open
- The MRF abstraction fans were off
- The Tip Floor abstraction fans were on at 30 Hz
- Jerome 631-x used for hydrogen sulfide measurements
- Eagle 2 used for ammonia measurements

NAME	SERVICE SINKS	DRINKING FOUNTAINS
550:1		5-130:1
550:1		
200:1		
	2	1 WATER COCK

AS TO THE SPACES,
WE HERE
WOULD NOT BE APPROPRIATE.

[illegible]

Sample Locations Are Approximate



2 MEZZANINE 1 EXTING PLAN
1/16" = 1'-0"

③ MEZZANINE 2 EXTING PLAT
1/2" @ 1' 4"

SHORT NO.

G200



17 Corporate Plaza Drive, Suite 200
Newport Beach, CA 92660
O: 805.259.9499

April 7, 2022

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 02
H.B. Case No. 2021-12-R

**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 1, 2021 in connection with H.B. Case No. 2021-12-R we offer the following report:

Our general contractor, Diani Building Corp., Santa Maria, CA, has completed a detailed estimate of the damages to our Resource Center facilities located at the County owned Tajiguas Landfill. They anticipate completing their estimate for the repairs and replacement of the baghouse filters adjacent to the damaged MRF biofilter facilities. Our air quality consultant, AECOM is in the process of responding to the District engineers request for additional AQ/HRA analysis related to the MRF biofilter facilities. This should be submitted to District engineering within the next month or so. Until the damage repair/replacement estimate is completed by Diani and the additional AQ/HRA work is completed by AECOM, we are not yet in a position to provide the estimated dates for repair and replacement. Our goal of course is to have the damaged equipment repaired or replaced with alternative air emission control systems acceptable to 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 3, 2021 through March 25, 2022 (i.e., a 4-month lookback).

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

Sincerely,

MSB Investors, LLC

A handwritten signature in black ink, appearing to read "John Dewey", is written over a horizontal line.

John Dewey
CEO & Managing Member

APPENDIX A - MRF INDOOR AIR SAMPLING

Facility Emissions During Operations Without Operational Biofilters and Baghouses

Point	Location Description	Friday (12/3)	Friday (12/11)	Friday (12/17)	Thursday (12/23)	Thursday (12/30)	Friday (1/7/22)	Friday (1/14/22)	Friday (1/21/22)	Friday (1/28/22)	Friday (2/4/22)	Friday (2/11/22)	Friday (2/18/22)	Friday (2/25/22)	Friday (3/4/22)	Friday (3/11/22)	Friday (3/18/22)	Friday (3/25/22)	12/3 - 3/25 Avg.
		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 Rollup Door	0.002	0.009	0.010	0.003	0.007	0.005	0.003	0.006	0.009	0.004	0.003	0.004	0.009	0.012	0.002	0.009	0.004	0.006
2	Near Residual Pile on Tip Floor	0.006	0.024	0.016	0.008	0.008	0.003	0.003	0.007	0.006	0.006	0.004	0.003	0.006	0.005	0.009	0.006	0.006	0.007
3	Corridor Between MRF and Tip Floor (air moving from MRF to Tip Fl	0.006	0.009	0.017	0.007	0.004	0.003	0.004	0.007	0.005	0.000	0.003	0.002	0.005	0.004	0.003	0.005	0.000	0.005
4	Between C1450 and C520	0.005	0.013	0.008	0.003	0.006	0.003	0.005	0.007	0.003	0.000	0.004	0.004	0.003	0.003	0.004	0.003	0.000	0.004
5	Near C740	0.002	0.002	0.002	0.004	0.005	0.003	0.003	0.003	0.006	0.003	0.005	0.006	0.006	0.002	0.006	0.006	0.003	0.004
6	Near MRF Floor Sump	0.005	0.003	0.013	0.002	0.008	0.004	0.003	0.004	0.004	0.003	0.003	0.006	0.004	0.002	0.004	0.004	0.003	0.004
7	Between C500 and Eyewash, In Front of Control Room	0.004	0.006	0.013	0.005	0.004	0.004	0.004	0.004	0.004	0.002	0.004	0.004	0.004	0.004	0.003	0.005	0.004	0.005
8	Between T930 and C980	0.004	0.006	0.010	0.006	0.006	0.007	0.004	0.006	0.004	0.000	0.004	0.008	0.004	0.007	0.004	0.004	0.000	0.005
9	Between T920 and T930	0.005	0.005	0.011	0.006	0.006	0.003	0.003	0.006	0.005	0.000	0.003	0.008	0.005	0.006	0.003	0.005	0.000	0.005
10	Between T180 and T120	0.002	0.005	0.012	0.003	0.003	0.004	0.003	0.001	0.005	0.001	0.004	0.005	0.005	0.002	0.003	0.005	0.001	0.004
11	Between M140 and D101	0.003	0.006	0.010	0.003	0.003	0.003	0.002	0.002	0.006	0.000	0.006	0.004	0.006	0.003	0.003	0.006	0.000	0.004
12	Between Trommels	0.004	0.006	0.014	0.005	0.004	0.001	0.003	0.004	0.004	0.001	0.006	0.004	0.004	0.003	0.004	0.004	0.001	0.004
13	Between AWS 550s	0.003	0.009	0.009	0.004	0.002	0.002	0.003	0.004	0.004	0.001	0.004	0.003	0.004	0.003	0.004	0.004	0.001	0.009

Point	Location Description	NH3 (ppmv)	NH3 (ppmv)	NH3 (ppmv)	NH3 (ppmv)	NH3 (ppmv)	NH3 (ppmv)	NH3 (ppmv)	NH3 (ppmv)	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	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	0.000	0.500	0.059
2	Near Residual Pile on 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	0.000	0.000	0.500	0.118
3	Corridor Between MRF and Tip Floor (air moving from MRF to Tip Fl	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	0.000	0.000	0.500	0.059
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	0.000	0.000	0.000	0.000	0.000	0.000	0.500	0.088
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	0.000	0.000	0.500	0.088
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	0.000	0.000	0.000	0.000	0.000	0.000	0.500	0.059
7	Between C500 and Eyewash, In Front of Control Room	0.500	0.000	0.000	0.000	0.000	0.500	0.000	0.000	0.000	0.500	0.000	0.000	0.000	0.000	0.000	0.500	0.500	0.147
8	Between T930 and C980	0.000	0.000	0.000	0.000	0.000	0.500	0.000	0.000	0.000	0.500	0.000	0.000	0.000	0.000	0.000	0.000	0.500	0.088
9	Between T920 and T930	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.000	0.000	0.000	0.000	0.000	0.000	0.500	1.000	0.147
10	Between T180 and T120	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	0.000	0.000	0.000	0.500	0.059
11	Between M140 and D101	0.500	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.500	0.500	0.000	0.000	0.000	0.500	0.500	0.500	0.176
12	Between Trommels	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.500	0.500	0.050	0.000	0.000	0.000	0.000	0.500	0.091
13	Between AWS 550s	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.000	0.000	0.000	0.000	0.000	0.000	0.000	1.000	0.118

Point	Location Description	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)	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)	PM2.5 (ug/m3)	PM2.5 (ug/m3)
1	East Corner of Tip Floor Rollup Door	12.6	19.1	9.1	8.9	16.6	11.0	13	13	11.5	15.4	10.9	15	11.5	12.6	23.0	34.0	24.2	15.4
2	Near Residual Pile on Tip Floor	15.7	55.4	34.0	24.8	40.5	10.5	12.5	22.6	13.7	25.2	11.8	14.1	13.7	12.2	38.4	24.8	24.7	23.2
3	Corridor Between MRF and Tip Floor (air moving from MRF to Tip Fl	21.3	18.4	24.2	24.7	42.2	8.5	9.9	27.3	9.8	6.4	11.4	13.3	9.8	8.7	27.1	40.5	42.2	20.3
4	Between C1450 and C520	15.8	28.6	57.9	16.7	50.2	9.5	10.3	12.5	12.7	6.3	13.3	18.7	12.7	10	33.2	10.5	8.5	19.3
5	Near C740	22.7	35.2	35.2	34.5	49.9	46.4	14.5	42.3	11.8	13.3	17.8	10.8	11.8	16.5	33.9	12.5	9.9	24.6
6	Near MRF Floor Sump	14.5	8.7	37.1	9.3	17	9.1	11.1	19.9	9.2	4.7	10.0	8	9.2	9.2	22.7	22.6	27.3	14.7
7	Between C500 and Eyewash, In Front of Control Room	36.2	33.8	27.9	41	43.1	29.3	13.9	19.2	20.1	8.2	17.0	34.8	20.1	19.3	67.1	31.3	26.6	28.8
8	Between T930 and C980	28.4	22.3	31.3	38.5	48.9	29.8	15.4	40.5	24.0	17.7	25.7	23.1	24.0	16.7	42.4	38.5	30.6	29.3
9	Between T920 and T930	31.5	28.7	26.6	30.6	48.8	7.3	16.4	33.1	19.7	21.7	20.4	15.3	19.7	17.2	51.9	48.9	48.8	28.6
10	Between T180 and T120	53.4	43.5	51.4	74.3	72.8	16.2	25.5	42.2	21.7	16.6	24.3	20.5	21.7	29.8	22.6	29.8	7.3	33.7
11	Between M140 and D101	48.3	43.2	49.0	72.4	81.4	95.7	23.6	40.8	24.1	18.1	24.4	21.6	24.1	23.7	65.5	15.4	16.4	40.5
12	Between Trommels	61.2	28.6	52.1	61.8	67.2	14.3	22.3	37.6	27.0	17.3	29.4	170.2	27.0	26.2	77.8	40.5	33.1	46.7
13	Between AWS 550s	43.9	37.5	73.4	47.9	36.9	54.0	20.3	40.8	17.3	26.7	15.6	34.4	12.5	42.3	19.9	19.2	40.5	34.3

Point	Location Description	PM10 (ug/m3)	PM10 (ug/m3)	PM10 (ug/m3)	PM10 (ug/m3)	PM10 (ug/m3)	PM10 (ug/m3)	PM10 (ug/m3)	PM10 (ug/m3)	PM10 (ug/m3)	PM10 (ug/m3)	PM10 (ug/m3)	PM10 (ug/m3)	PM10 (ug/m3)	PM10 (ug/m3)	PM10 (ug/m3)	PM10 (ug/m3)	PM10 (ug/m3)	PM10 (ug/m3)
1	East Corner of Tip Floor Rollup Door	26.5	28.4	14.0	14.1	26.22	14.3	21.1	20.4	19.1	25.3	16.5	23.3	19.1	20.1	36.9	20.1	44.4	22.9
2	Near Residual Pile on Tip Floor	52.4	90.5	59.9	43.8	65.2	15.5	24.3	35.5	18.9	37.8	18.1	21.3	18.9	18.2	62.7	26.5	52.4	38.9
3	Corridor Between MRF and Tip Floor (air moving from MRF to Tip Fl	38.7	27.5	38.6	39.1	65.8	13.2	19.1	26.4	17.2	9.7	16.9	19.6	17.2	15.1	45.1	28.4	90.5	31.1
4	Between C1450 and C520	34.6	43.6	90.3	23.9	78.4	15.2	34.7	18.8	21.1	9.0	19.6	28.6	21.1	14.7	52.1	14.0	59.9	34.1
5	Near C740	48.1	56.1	56.1	53.8	77.7	79.3	33.5	63.8	23.3	21.1	27.3	17	23.3	25.5	51.8	14.1	43.8	42.1
6	Near MRF Floor Sump	41.2	12.6	58.6	34.7	24.7	13.6	21.1	30.1	14.3	7.3	14.5	12.3	14.3	16.1	34.4	26.22	65.2	26.0
7	Between C500 and Eyewash, In Front of Control Room	44.6	52.4	46.1	66	69.2	44.9	32.2	29.6	31.3	12.9	25.3	55.8	91.3	30	108.1	14.3	15.5	41.7
8	Between T930 and C980	53.5	37.3	49.2	62	75.4	47.2	24.7	62.1	36.9	20.9	41.9	39.4	36.9	24.8	65.8	21.1	24.3	42.6
9	Between T920 and T930	37.3	44.7	43.1	49.7	75.2	9.9	26.8	53.4	27.6	34.6	33.3	24.4	27.6	26.8	65.0	20.4	35.5	37.4
10	Between T180 and T120	53.4	69.5	84.7	117.5	119.4	24.3	43.4	62.1	38.9	25.9	40.6	33.5	38.9	46.5	39.0	19.1	18.9	51.5
11	Between M140 and D101	45.3	67.1	78.1	121.6	130.6	84.4	34.6	62.0	37.3	28.9	39.9	35.8	37.3	35.7	101.5	25.3	37.8	59.0
12	Between Trommels	58.4	44.5	84.1	96.5	106.8	22.5	45.3	60.2	47.7	25.7	48	283	47.7	42.1	127.7	16.5	18.1	69.1
13	Between AWS 550s	35.4	60.2	101.5	76.2	56.7	82.4	25.3	69.3	26.9	42.6	22.8	57.8	26.9	22.3	69.5	23.3	21.3	48.3

All of the rollup doors were open

The MRF abstraction fans were off/on

The Tip Floor abstraction fans were on at 30 Hz

Jerome 631-x used for hydrogen sulfide measurements Eagle 2 used for ammonia measurements

Tomlinson 147000 AQ Meter for PM2.5, PM10, and CO2 used for PM10

BUILDING AREA TABULATION

NO.	DESCRIPTION	OCCUPANCY	NON OCCUPIED	OFFICES (B)	FACTORY (F-3)	STORAGE (S)	SS/OCC	OCCUPANT COUNT	B OCCUPANTS	F & S OCCUPANTS
1	MEZZANINE 1 TOTAL									
2	MEZZANINE 2 TOTAL									
3	MEZZANINE 3 TOTAL									
4	MEZZANINE 4 TOTAL									
5	MEZZANINE 5 TOTAL									
6	MEZZANINE 6 TOTAL									
7	MEZZANINE 7 TOTAL									
8	MEZZANINE 8 TOTAL									
9	MEZZANINE 9 TOTAL									
10	MEZZANINE 10 TOTAL									
11	MEZZANINE 11 TOTAL									
12	MEZZANINE 12 TOTAL									
13	MEZZANINE 13 TOTAL									
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96	MEZZANINE 96 TOTAL									
97	MEZZANINE 97 TOTAL									
98	MEZZANINE 98 TOTAL									
99	MEZZANINE 99 TOTAL									
100	MEZZANINE 100 TOTAL									

NOTE: 1. AREAS ARE GROSS SQUARE FEET, CALCULATED TO CENTER OF SHARED WALLS AND OUTSIDE FACE OF EXTERIOR WALLS

NOTE: ALL AREAS IN TABLE DOUBLE CHECKED PRIOR TO GENERATING MINIMUM PLUMBING FIXTURES COUNT TABLE BELOW

ALLOWABLE BUILDING AREA

FOOTPRINT AND OPEN SPACE INFORMATION (CIRC 50)

NOTE: MRP PRE-AP

Point	Location Description	Hydrogen Sulfide Measurement, ppm	Ammonia Measurement, ppm
1	East Corner of Tip Floor Rollup Door	0.006	0.0
2	Near Residual Pile on Tip Floor	0.005	0.0
3	Cooridor Between MRF and Tip Floor (air moving from MRF to Tip Floor)	0.002	0.0
4	Between C1450 and C520	0.002	0.0
5	Near C740	0.003	0.0
6	Near MRF Floor Sump	0.003	0.0
7	Between C500 and Eyewash, In Front of Control Room	0.002	0.0
8	Between T930 and C980	0.003	0.0
9	Between T290 and T930	0.006	0.0
10	Between T180 and T120	0.003	0.0
11	Between M140 and D101	0.006	0.0
12	Between Trommels	0.007	0.0
13	Between AWS 550s	0.003	0.0
14	Tip Floor Scrubber Inlet (at pressure transmitter)	0.020	0.0

M Measurements taken around 10-11am on 4/21/2021

The facility was running MSW

Most of the rollup doors were open

The MRF abstraction fans were off

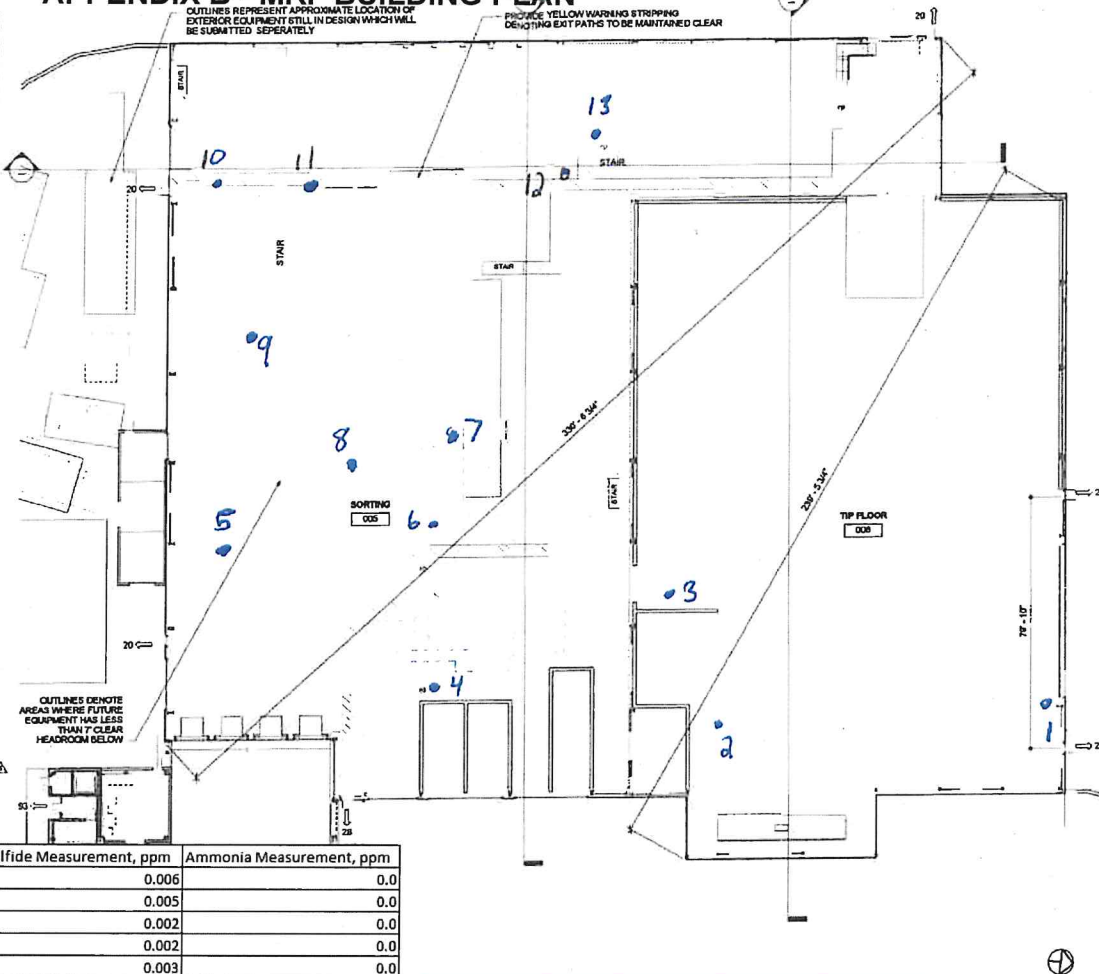
The Tip Floor abstraction fans were on at 30 Hz

Jerome 631-x used for hydrogen sulfide measurements

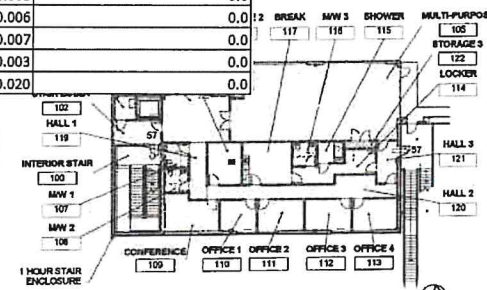
Eagle 2 used for ammonia measurements

NO.	SERVICE SINKS	DRAINAGE	FOUNTAINS
1	1	1	1
2	2	2	2
3	3	3	3
4	4	4	4
5	5	5	5
6	6	6	6
7	7	7	7
8	8	8	8
9	9	9	9
10	10	10	10
11	11	11	11
12	12	12	12
13	13	13	13
14	14	14	14
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100	100	100	100

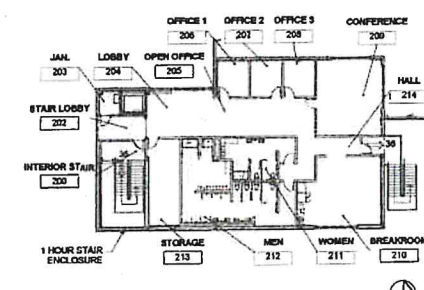
APPENDIX B - MRF BUILDING PLAN



Sample Locations Are Approximate



MEZZANINE 1 EXISTING PLAN
1/16" = 1'-0"



MEZZANINE 2 EXISTING PLAN
1/16" = 1'-0"

MRF

MRF
MATERIAL RECOVERY FACILITY
363 TAJIGUAS LANDFILL ROAD
GOLETA, CA
TAJIGUAS RESOURCE
RECOVERY PROJECT

CONSTRUCTION
DIANI
COMPANIES
Santa Maria

361 NORTH BLOSSER ROAD
PO BOX 8787
SANTA MARIA, CA 93406 - 8787
(805) 825-8638
FAX (805) 828-2150

MSB Investors, LLC
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Newport Beach, CA 92660

330 Adams Place
Annapolis, MD 21403
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GARY W. MADREDDI, ARCHITECT

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FIT-UP PERMIT - EVERYTHING EXCEPT:
- FOUNDATIONS
- CONCRETE BUILDING WALLS
- METAL BUILDING AND SIDING



17 Corporate Plaza Drive, Suite 200
Newport Beach, CA 92660
O: 805.259.9499

May 15, 2022

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 02
H.B. Case No. 2021-12-R

**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 1, 2021 in connection with H.B. Case No. 2021-12-R we offer the following report:

Our general contractor, Diani Building Corp., Santa Maria, CA, has completed a detailed estimate of the damages to our Resource Center facilities located at the County owned Tajiguas Landfill. They anticipate completing their estimate for the repairs and replacement of the baghouse filters adjacent to the damaged MRF biofilter facilities. Our air quality consultant, AECOM is in the process of responding to the District engineers request for additional AQ/HRA analysis related to the MRF biofilter facilities. This should be submitted to District engineering within the next month or so. Until the damage repair/replacement estimate is completed by Diani and the additional AQ/HRA work is completed by AECOM, we are not yet in a position to provide the estimated dates for repair and replacement. Our goal of course is to have the damaged equipment repaired or replaced with alternative air emission control systems acceptable to 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 3, 2021 through April 29, 2022 (i.e., a 5-month lookback).

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

Sincerely,

MSB Investors, LLC

A handwritten signature in black ink, appearing to read "John Dewey", is written over a horizontal line.

John Dewey
CEO & Managing Member

APPENDIX A - MRF INDOOR AIR SAMPLING

Facility Emissions During Operations Without Operational Biofilters and Baghouses

Point	Location Description	Friday (12/3)	Friday (12/11)	Friday (12/17)	Thursday (12/23)	Thursday (12/30)	Friday (1/7/22)	Friday (1/14/22)	Friday (1/21/22)	Friday (1/28/22)	Friday (2/4/22)	Friday (2/11/22)	Friday (2/18/22)	Friday (2/25/22)	Friday (3/4/22)	Friday (3/11/22)	Friday (3/18/22)	Friday (3/25/22)	Friday (4/1/22)	Friday (4/8/22)	Friday (4/15/22)	Friday (4/22/22)	Friday (4/29/22)	12/3 - 4/29 Avg.
		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)	H2S (ppmv)	H2S (ppmv)
1	East Corner of Tip Floor Rollup Door	0.002	0.009	0.010	0.003	0.007	0.005	0.003	0.006	0.009	0.004	0.003	0.004	0.009	0.012	0.002	0.009	0.004	0.003	0.004	0.009	0.011	0.028	0.007
2	Near Residual Pile on Tip Floor	0.006	0.024	0.016	0.008	0.008	0.003	0.003	0.007	0.006	0.006	0.004	0.003	0.006	0.005	0.005	0.009	0.006	0.006	0.004	0.003	0.006	0.023	0.018
3	Corridor Between MRF and Tip Floor (air moving from MRF to Tip Fl	0.006	0.009	0.017	0.007	0.004	0.003	0.004	0.007	0.005	0.000	0.003	0.002	0.005	0.004	0.003	0.005	0.000	0.003	0.002	0.005	0.014	0.013	0.006
4	Between C1450 and C520	0.005	0.013	0.008	0.003	0.006	0.003	0.005	0.007	0.003	0.000	0.004	0.003	0.003	0.003	0.004	0.003	0.000	0.004	0.004	0.003	0.010	0.013	0.005
5	Near C740	0.002	0.002	0.002	0.004	0.005	0.003	0.003	0.003	0.006	0.003	0.005	0.006	0.006	0.002	0.006	0.006	0.003	0.005	0.006	0.006	0.007	0.048	0.006
6	Near MRF Floor Sump	0.005	0.003	0.013	0.002	0.008	0.004	0.003	0.004	0.004	0.003	0.003	0.006	0.004	0.002	0.004	0.004	0.003	0.003	0.006	0.004	0.010	0.014	0.005
7	Between C500 and Eyewash, In Front of Control Room	0.004	0.006	0.013	0.005	0.004	0.004	0.004	0.008	0.004	0.002	0.004	0.004	0.004	0.003	0.005	0.004	0.002	0.004	0.004	0.004	0.020	0.032	0.007
8	Between T930 and C980	0.004	0.006	0.010	0.006	0.006	0.007	0.004	0.006	0.004	0.000	0.004	0.008	0.004	0.007	0.004	0.004	0.000	0.004	0.008	0.004	0.009	0.029	0.006
9	Between T920 and T930	0.005	0.005	0.011	0.006	0.006	0.003	0.003	0.006	0.005	0.000	0.003	0.008	0.005	0.006	0.003	0.005	0.000	0.003	0.008	0.005	0.012	0.040	0.007
10	Between T180 and T120	0.002	0.005	0.012	0.003	0.003	0.004	0.003	0.006	0.001	0.005	0.001	0.004	0.005	0.005	0.002	0.003	0.005	0.001	0.004	0.005	0.005	0.013	0.035
11	Between M140 and D101	0.003	0.006	0.010	0.003	0.003	0.003	0.002	0.002	0.006	0.000	0.006	0.004	0.006	0.003	0.003	0.006	0.000	0.006	0.004	0.006	0.021	0.047	0.007
12	Between Trommels	0.004	0.006	0.014	0.005	0.004	0.001	0.003	0.004	0.004	0.001	0.006	0.004	0.004	0.003	0.004	0.004	0.001	0.006	0.004	0.004	0.020	0.038	0.007
13	Between AWS 550s	0.003	0.009	0.099	0.004	0.002	0.002	0.003	0.004	0.004	0.001	0.004	0.003	0.004	0.003	0.004	0.004	0.001	0.006	0.004	0.004	0.021	0.036	0.010

Point	Location Description	NH3 (ppmv)	NH3 (ppmv)	NH3 (ppmv)	NH3 (ppmv)	NH3 (ppmv)	NH3 (ppmv)	NH3 (ppmv)	NH3 (ppmv)	NH3 (ppmv)	NH3 (ppmv)	NH3 (ppmv)	NH3 (ppmv)	NH3 (ppmv)	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	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.500	0.000	0.000	0.000	0.000	0.000	0.000	0.500	0.000	0.500	0.000	0.000	0.000	0.500	0.091
2	Near Residual Pile on Tip Floor	0.000	0.000	0.000	0.000	0.000	0.500	0.000	0.000	0.000	0.500	0.000	0.000	0.000	0.000	0.000	0.500	0.000	0.000	0.000	0.000	0.000	1.000	0.136
3	Corridor Between MRF and Tip Floor (air moving from MRF to Tip Fl	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.500	0.000	0.000	0.000	0.000	0.000	0.000	0.500	0.000	0.500	0.000	0.000	0.000	0.000	0.068
4	Between C1450 and C520	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.500	0.000	0.000	0.000	0.000	0.000	0.000	0.500	0.000	0.500	0.000	0.000	0.000	0.000	0.091
5	Near C740	0.000	0.000	0.000	0.000	0.000	0.500	0.000	0.000	0.000	0.500	0.000	0.000	0.000	0.000	0.000	0.500	0.000	0.500	0.000	0.000	0.500	0.000	0.114
6	Near MRF Floor Sump	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.500	0.000	0.000	0.000	0.000	0.000	0.000	0.500	0.000	0.500	0.000	0.500	0.000	0.000	0.091
7	Between C500 and Eyewash, In Front of Control Room	0.500	0.000	0.000	0.000	0.000	0.500	0.000	0.000	0.000	0.500	0.000	0.000	0.000	0.000	0.000	0.500	0.500	0.000	0.000	0.000	0.000	0.500	0.136
8	Between T930 and C980	0.000	0.000	0.000	0.000	0.000	0.500	0.000	0.000	0.000	0.500	0.000	0.000	0.000	0.000	0.000	0.500	0.000	0.500	0.000	0.000	0.000	0.000	0.068
9	Between T920 and T930	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.000	0.000	0.000	0.000	0.000	0.500	1.000	1.000	0.000	1.000	0.000	0.000	0.000	0.205
10	Between T180 and T120	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.500	0.000	0.000	0.000	0.000	0.000	0.500	0.500	0.000	0.000	0.000	0.000	0.000	1.000	0.091
11	Between M140 and D101	0.500	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.500	0.500	0.000	0.000	0.000	0.500	0.500	0.500	0.500	0.000	0.000	0.000	0.000	0.000	0.159
12	Between Trommels	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.500	0.500	0.050	0.000	0.000	0.000	0.000	0.500	0.500	0.050	0.000	0.000	0.000	1.000	0.141
13	Between AWS 550s	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.000	0.000	0.000	0.000	0.000	0.000	0.000	1.000	0.000	0.000	0.000	0.000	0.000	1.000	0.136

Point	Location Description	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)	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)	PM2.5 (ug/m3)	PM2.5 (ug/m3)	PM2.5 (ug/m3)	PM2.5 (ug/m3)	PM2.5 (ug/m3)	PM2.5 (ug/m3)	
1	East Corner of Tip Floor Rollup Door	12.6	19.1	9.1	8.9	16.6	11.0	13	13	11.5	15.4	10.9	15	11.5	12.6	23.0	34.0	24.2	57.9	35.2	37.1	16.7	44.2	20.6
2	Near Residual Pile on Tip Floor	15.7	55.4	34.0	24.8	40.5	10.5	12.5	22.6	13.7	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	22.7
3	Corridor Between MRF and Tip Floor (air moving from MRF to Tip Fl	21.3	18.4	24.2	24.7	42.2	8.5	9.9	27.3	9.8	6.4	11.4	13.3	9.8	8.7	27.1	40.5	42.2	50.2	49.9	17	15.6	18.6	22.6
4	Between C1450 and C520	15.8	28.6	57.9	16.7	50.2	9.5	10.3	12.5	12.7	6.3	13.3	18.7	12.7	10	33.2	10.5	8.5	9.5	46.4	9.1	11.7	16.3	19.1
5	Near C740	22.7	35.2	35.2	34.5	49.9	46.4	14.5	42.3	11.8	13.3	17.8	10.8	11.8	16.5	33.9	12.5	9.9	10.3	14.5	11.1	14.4	21.5	22.3
6	Near MRF Floor Sump	14.5	8.7	37.1	9.3	17	9.1	11.1	19.9	9.2	4.7	10.0	8	9.2	9.2	22.7	22.6	27.3	12.5	42.3	19.9	14.8	18.1	16.2
7	Between C500 and Eyewash, In Front of Control Room	36.2	33.8	27.9	41	43.1	29.3	13.9	19.2	20.1	8.2	17.0	34.8	20.1	19.3	67.1	31.3	26.6	51.4	49.0	52.1	19.7	23.5	31.1
8	Between T930 and C980	28.4	22.3	31.3	38.5	48.9	29.8	15.4	40.5	24.0	17.7	25.7	23.1	24.0	16.7	42.4	38.5	30.6	74.3	72.4	61.8	22.3	18.4	34.0
9	Between T920 and T930	31.5	28.7	26.6	30.6	48.8	7.3	16.4	33.1	19.7	21.7	20.4	15.3	19.7	17.2	51.9	48.9	48.8	72.8	81.4	67.2	21.6	19.5	34.1
10	Between T180 and T120	53.4	43.5	51.4	74.3	72.8	16.2	25.5	42.2	21.7	16.6	24.3	20.5	21.7	29.8	22.6	29.8	7.3	16.2	95.7	14.3	24.5	23.2	34.0
11	Between M140 and D101	48.3	43.2	49.0	72.4	81.4	95.7	23.6	40.8	24.1	18.1	24.4	21.6	24.1	23.7	65.5	15.4	16.4	25.5	23.6	22.3	27.2	22.4	36.8
12	Between Trommels	61.2	28.6	52.1	61.8	67.2	14.3	22.3	37.6	27.0	17.3	29.4	170.2	27.0	26.2	77.8	40.5	33.1	42.2	40.8	37.6	26.1	35.4	44.4
13	Between AWS 550s	43.9	37.5	73.4	47.9	36.9	54.0	20.3	40.8	17.3	26.7	15.6	34.4	12.5	42.3	19.9	19.2	40.5	33.1	42.2	18.2	29.6	37.1	33.8

Point	Location Description	PM10 (ug/m3)	PM10 (ug/m3)	PM10 (ug/m3)	PM10 (ug/m3)	PM10 (ug/m3)	PM10 (ug/m3)	PM10 (ug/m3)	PM10 (ug/m3)	PM10 (ug/m3)	PM10 (ug/m3)	PM10 (ug/m3)	PM10 (ug/m3)	PM10 (ug/m3)	PM10 (ug/m3)	PM10 (ug/m3)	PM10 (ug/m3)	PM10 (ug/m3)	PM10 (ug/m3)	PM10 (ug/m3)	PM10 (ug/m3)	PM10 (ug/m3)	PM10 (ug/m3)	
1	East Corner of Tip Floor Rollup Door	26.5	28.4	14.0	14.1	26.22	14.3	21.1	20.4	19.1	25.3	16.5	23.3	19.1	20.1	36.9	20.1	44.4	35.2	27.7	50.8	12.0	58.3	26.1
2	Near Residual Pile on Tip Floor	52.4	90.5	59.9	43.8	65.2	15.5	24.3	35.5	18.9	37.8	18.1	21.3	18.9	18.2	62.7	26.5	52.4	38.7	34.6	48.1	15.5	40.3	38.1
3	Corridor Between MRF and Tip Floor (air moving from MRF to Tip Fl	38.7	27.5	38.6	39.1	65.8	13.2	19.1	26.4	17.2	9.7	16.9	19.6	17.2	15.1	45.1	28.4	90.5	27.5	43.6	56.1	16.9	28.3	31.8
4	Between C1450 and C520	34.6	43.6	90.3	23.9	78.4	15.2	34.7	18.8	21.1	9.0	19.6	28.6	21.1	14.7	52.1	14.0	59.9	38.6	90.3	56.1	18.1	26.3	36.8
5	Near C740	48.1	56.1	56.1	53.8	77.7	79.3	33.5	63.8	23.3	21.1	27.3	17	23.3	25.5	51.8	14.1	43.8	39.1	23.9	53.8	23.6	32.0	40.4
6	Near MRF Floor Sump	41.2	12.6	58.6	34.7	24.7	13.6	21.1	30.1	14.3	7.3	14.5	12.3	14.3	16.1	34.4	26.22	65.2	65.8	78.4	77.7	16.3	27.3	32.1
7	Between C500 and Eyewash, In Front of Control Room	44.6	52.4	46.1	66	69.2	44.9	32.2	29.6	31.3	12.9	25.3	55.8	31.3	30	108.1	14.3	15.5	13.2	15.2	79.3	27.6	36.2	40.0
8	Between T930 and C980	53.5	37.3	49.2	62	75.4	47.2	24.7	62.1	36.9	20.9	41.9	39.4	36.9	24.8	65.8	21.1	24.3	19.1	34.7	33.5	28.0	28.9	39.4
9	Between T920 and T930	37.3	44.7	43.1	49.7	75.2	9.9	26.8	53.4	27.6	34.6	33.3	24.4	27.6	26.8	65.0	20.4	35.5	26.4	18.8	63.8	28.3	31.2	36.5
10	Between T180 and T120	53.4	69.5	84.7	117.5	119.4	24.3	43.4	62.1	38.9	25.9	40.6	117.5	38.9	46.5	39.0	19.1	18.9	17.2	21.1	23.3	32.5	38.2	45.8
11	Between M140 and D101	45.3	67.1	78.1	121.6	130.6	84.4	34.6	62.0	37.3	28.9	39.9	35.8	37.3	35.7	101.5	25.3	37.8	9.7	9.0	21.1	27.4	34.9	50.2
12	Between Trommels	58.4	44.5	84.1	96.5	106.8	22.5	45.3	60.2	47.7	25.7	48	283	47.7	42.1	127.7	16.5	18.1	16.9	19.6	27.3	45.6	56.8	61.0
13	Between AWS 550s	35.4	60.2	101.5	76.2	56.7	82.4	25.3	69.3	26.9	42.6	22.8	57.8	26.9	22.3	69.5	23.3	21.3	19.6	28.6	17	50.1	60.2	45.3

BUILDING AREA TABULATION

NO.	DESCRIPTION	OCCUPANCY	NON OCCUPIED	OFFICES (N)	FACTORY (F-1)	STORAGE (S)	SH/OCC	OCCUPANT COUNT	B OCCUPANTS	F&S OCCUPANTS
1	ENTRANCE	1								
2	RECEPTION	1								
3	LOBBY	1								
4	OFFICE 1	1								
5	OFFICE 2	1								
6	OFFICE 3	1								
7	OFFICE 4	1								
8	OFFICE 5	1								
9	CONFERENCE	1								
10	STORAGE	1								
11	STAIR	1								
12	RESTROOM	1								
13	MECHANICAL	1								
14	STAIR	1								
15	STAIR	1								
16	STAIR	1								
17	STAIR	1								
18	STAIR	1								
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99	STAIR	1								
100	STAIR	1								

NOTE: 1. AREAS ARE GROSS SQUARE FEET, CALCULATED TO CENTER OF SHARED WALLS AND OUTSIDE FACE OF EXTERIOR WALLS

NOTE: ALL AREAS IN TABLE DOUBLE CHECKED PRIOR TO GENERATING MINIMUM PLUMBING FIXTURES COUNT TABLE BELOW

ALLOWABLE BUILDING AREA

PERMITTEE AND OPEN SPACE INFORMATION (CIRC 60)

NET AREA: 111,411

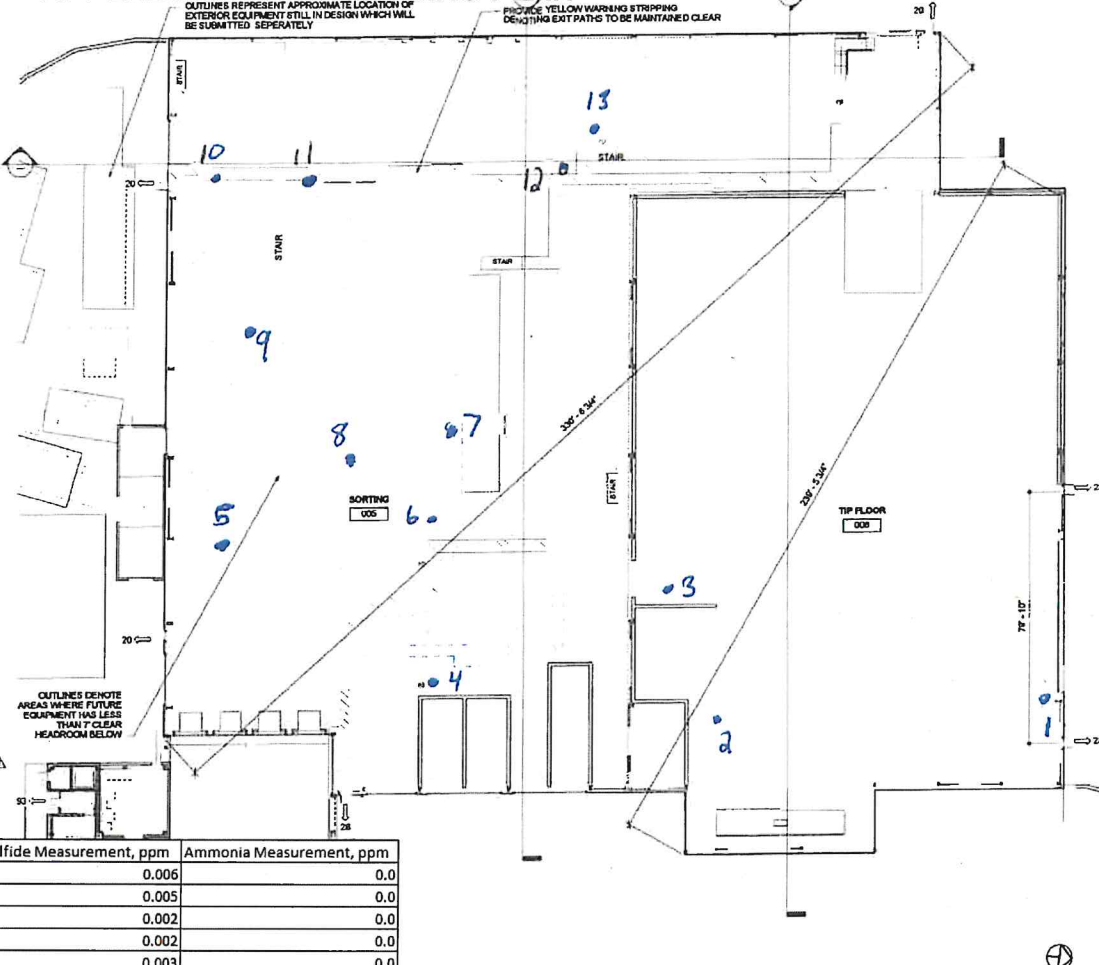
Point	Location Description	Hydrogen Sulfide Measurement, ppm	Ammonia Measurement, ppm
1	East Corner of Tip Floor Rollup Door	0.006	0.0
2	Near Residual Pile on Tip Floor	0.005	0.0
3	Corridor Between MRF and Tip Floor (air moving from MRF to Tip Floor)	0.002	0.0
4	Between C1450 and C520	0.002	0.0
5	Near C740	0.003	0.0
6	Near MRF Floor Sump	0.003	0.0
7	Between C500 and Eyewash, In Front of Control Room	0.002	0.0
8	Between T930 and C980	0.003	0.0
9	Between T290 and T930	0.006	0.0
10	Between T180 and T120	0.003	0.0
11	Between M140 and D101	0.006	0.0
12	Between Trommels	0.007	0.0
13	Between AWS 550s	0.003	0.0
14	Tip Floor Scrubber Inlet (at pressure transmitter)	0.020	0.0

M Measurements taken around 10-11am on 4/21/2021

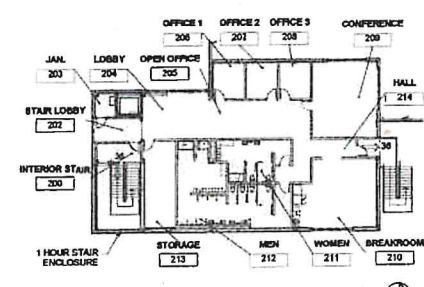
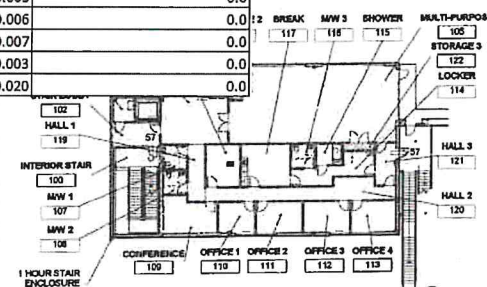
- The facility was running MSW
- Most of the rollup doors were open
- The MRF abstraction fans were off
- The Tip Floor abstraction fans were on at 30 Hz
- Jerome 631-x used for hydrogen sulfide measurements
- Eagle 2 used for ammonia measurements

SERVICE SINKS	DRAINAGE	FOUNTAINS
1	1	1
2	2	2
3	3	3
4	4	4
5	5	5
6	6	6
7	7	7
8	8	8
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14	14	14
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99	99	99
100	100	100

APPENDIX B - MRF BUILDING PLAN



Sample Locations Are Approximate





17 Corporate Plaza Drive, Suite 200
Newport Beach, CA 92660
O: 805.259.9499

June 15, 2022

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 02
H.B. Case No. 2021-12-R

**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 1, 2021 in connection with H.B. Case No. 2021-12-R we offer the following report:

Our general contractor, Diani Building Corp., Santa Maria, CA, has completed a detailed estimate of the damages to our Resource Center facilities located at the County owned Tajiguas Landfill. They anticipate completing their estimate for the repairs and replacement of the baghouse filters adjacent to the damaged MRF biofilter facilities. Our air quality consultant, AECOM is in the process of responding to the District engineers request for additional AQ/HRA analysis related to the MRF biofilter facilities. This should be submitted to District engineering within the next month or so. Until the damage repair/replacement estimate is completed by Diani and the additional AQ/HRA work is completed by AECOM, we are not yet in a position to provide the estimated dates for repair and replacement. Our goal of course is to have the damaged equipment repaired or replaced with alternative air emission control systems acceptable to 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 January 7, 2021 through May 27, 2022 (i.e., a 5-month lookback).

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

Sincerely,

MSB Investors, LLC

A handwritten signature in blue ink, appearing to read "John Dewey", is written over a horizontal line.

John Dewey
CEO & Managing Member

APPENDIX A - MRF INDOOR AIR SAMPLING

Facility Emissions During Operations Without Operational

Point	Location Description	Friday (1/7/22) H2S (ppmv)	Friday (1/14/22) H2S (ppmv)	Friday (1/21/22) H2S (ppmv)	Friday (1/28/22) H2S (ppmv)	Friday (2/4/22) H2S (ppmv)	Friday (2/11/22) H2S (ppmv)	Friday (2/18/22) H2S (ppmv)	Friday (2/25/22) H2S (ppmv)	Friday (3/4/22) H2S (ppmv)	Friday (3/11/22) H2S (ppmv)	Friday (3/18/22) H2S (ppmv)	Friday (3/25/22) H2S (ppmv)	Friday (4/1/22) H2S (ppmv)	Friday (4/8/22) H2S (ppmv)	Friday (4/15/22) H2S (ppmv)	Friday (4/22/22) H2S (ppmv)	Friday (4/29/22) H2S (ppmv)	Friday (5/6/22) H2S (ppmv)	Friday (5/13/22) H2S (ppmv)	Friday (5/20/22) H2S (ppmv)	Friday (5/27/22) H2S (ppmv)	1/7 - 5/27 Avg. H2S (ppmv)
1	East Corner of Tip Floor Rollup Door	0.005	0.003	0.006	0.009	0.004	0.003	0.004	0.009	0.012	0.002	0.009	0.004	0.003	0.004	0.009	0.011	0.028	0.011	0.003	0.004	0.003	0.007
2	Near Residual Pile on Tip Floor	0.003	0.003	0.007	0.006	0.006	0.004	0.003	0.006	0.005	0.009	0.006	0.006	0.004	0.003	0.006	0.023	0.018	0.011	0.004	0.003	0.002	0.007
3	Corridor Between MRF and Tip Floor (air moving from MRF to Tip Fl	0.003	0.004	0.007	0.005	0.000	0.003	0.002	0.005	0.004	0.003	0.005	0.000	0.003	0.002	0.005	0.014	0.013	0.009	0.009	0.006	0.005	0.005
4	Between C1450 and C520	0.003	0.005	0.007	0.003	0.000	0.004	0.004	0.003	0.003	0.004	0.003	0.000	0.004	0.004	0.003	0.010	0.013	0.005	0.012	0.005	0.004	0.005
5	Near C740	0.003	0.003	0.003	0.006	0.003	0.005	0.006	0.006	0.002	0.006	0.006	0.003	0.005	0.006	0.006	0.007	0.048	0.006	0.002	0.009	0.003	0.007
6	Near MRF Floor Sump	0.004	0.003	0.004	0.004	0.003	0.003	0.006	0.004	0.002	0.004	0.004	0.003	0.003	0.006	0.004	0.010	0.014	0.006	0.009	0.005	0.005	0.005
7	Between C500 and Eyewash, In Front of Control Room	0.004	0.004	0.008	0.004	0.002	0.004	0.004	0.004	0.003	0.005	0.004	0.002	0.004	0.004	0.004	0.020	0.032	0.008	0.004	0.006	0.000	0.006
8	Between T930 and C980	0.007	0.004	0.006	0.004	0.000	0.004	0.008	0.004	0.007	0.004	0.004	0.000	0.004	0.008	0.004	0.009	0.029	0.007	0.003	0.004	0.003	0.006
9	Between T920 and T930	0.003	0.003	0.006	0.005	0.000	0.003	0.008	0.005	0.006	0.003	0.005	0.000	0.003	0.008	0.005	0.012	0.040	0.006	0.004	0.003	0.002	0.006
10	Between T180 and T120	0.004	0.003	0.001	0.005	0.001	0.004	0.005	0.005	0.002	0.003	0.005	0.001	0.004	0.005	0.005	0.013	0.035	0.005	0.009	0.006	0.005	0.006
11	Between M140 and D101	0.003	0.002	0.002	0.006	0.000	0.006	0.004	0.006	0.003	0.003	0.006	0.000	0.006	0.004	0.006	0.021	0.047	0.005	0.011	0.023	0.014	0.008
12	Between Trommels	0.001	0.003	0.004	0.004	0.001	0.006	0.004	0.004	0.003	0.004	0.004	0.001	0.006	0.004	0.004	0.020	0.038	0.009	0.028	0.018	0.013	0.009
13	Between AWS 550s	0.002	0.003	0.004	0.004	0.001	0.004	0.003	0.004	0.003	0.004	0.004	0.001	0.004	0.003	0.004	0.021	0.036	0.009	0.011	0.011	0.009	0.007

Point	Location Description	NH3 (ppmv)	NH3 (ppmv)	NH3 (ppmv)	NH3 (ppmv)	NH3 (ppmv)	NH3 (ppmv)	NH3 (ppmv)	NH3 (ppmv)	NH3 (ppmv)	NH3 (ppmv)	NH3 (ppmv)	NH3 (ppmv)	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	0.000	0.000	0.000	0.500	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.500	0.500	0.000	0.000	0.000	1.000	0.000	0.000	0.000	0.095
2	Near Residual Pile on Tip Floor	0.500	0.000	0.000	0.000	0.500	0.000	0.000	0.000	0.000	0.000	0.000	0.500	0.500	0.000	0.000	0.000	0.000	1.000	0.000	0.000	0.000	0.143
3	Corridor Between MRF and Tip Floor (air moving from MRF to Tip Fl	0.000	0.000	0.000	0.000	0.500	0.000	0.000	0.000	0.000	0.000	0.000	0.500	0.500	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.071
4	Between C1450 and C520	0.000	0.000	0.000	0.000	0.500	0.000	0.000	0.000	0.000	0.000	0.000	0.500	0.500	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.095
5	Near C740	0.500	0.000	0.000	0.000	0.500	0.000	0.000	0.000	0.000	0.000	0.000	0.500	0.500	0.000	0.000	0.500	0.000	0.000	0.000	0.000	0.000	0.119
6	Near MRF Floor Sump	0.000	0.000	0.000	0.000	0.500	0.000	0.000	0.000	0.000	0.000	0.000	0.500	0.500	0.000	0.500	0.000	0.000	0.000	0.000	0.500	0.000	0.119
7	Between C500 and Eyewash, In Front of Control Room	0.500	0.000	0.000	0.000	0.500	0.000	0.000	0.000	0.000	0.000	0.500	0.500	0.000	0.000	0.000	0.500	0.000	0.500	0.000	0.500	0.500	0.190
8	Between T930 and C980	0.500	0.000	0.000	0.000	0.500	0.000	0.000	0.000	0.000	0.000	0.500	0.500	0.000	0.000	0.000	0.500	0.000	0.500	0.000	0.500	0.500	0.095
9	Between T920 and T930	0.000	0.000	0.000	0.000	1.000	0.000	0.000	0.000	0.000	0.000	0.500	1.000	1.000	0.000	1.000	0.000	0.000	0.500	0.000	0.000	0.000	0.238
10	Between T180 and T120	0.000	0.000	0.000	0.000	0.500	0.000	0.000	0.000	0.000	0.000	0.500	0.500	0.000	0.000	0.000	1.000	0.000	0.000	0.000	0.000	0.000	0.095
11	Between M140 and D101	0.000	0.000	0.000	0.000	0.500	0.500	0.000	0.000	0.000	0.500	0.500	0.500	0.500	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.143
12	Between Trommels	0.000	0.000	0.000	0.000	0.500	0.500	0.050	0.000	0.000	0.000	0.500	0.500	0.500	0.050	0.000	0.000	1.000	0.500	0.500	1.000	0.000	0.243
13	Between AWS 550s	0.000	0.000	0.000	0.000	1.000	0.000	0.000	0.000	0.000	0.000	0.000	1.000	0.000	0.000	0.000	0.000	1.000	1.000	0.000	0.000	0.000	0.190

Point	Location Description	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)	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)	PM2.5 (ug/m3)	PM2.5 (ug/m3)	PM2.5 (ug/m3)	PM2.5 (ug/m3)	PM2.5 (ug/m3)	PM2.5 (ug/m3)
1	East Corner of Tip Floor Rollup Door	11.0	13	13	11.5	15.4	10.9	15	11.5	12.6	23.0	34.0	24.2	57.9	35.2	37.1	16.7	44.2	15.4	25.2	6.4	6.3	20.9
2	Near Residual Pile on Tip Floor	10.5	12.5	22.6	13.7	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	10.9	11.8	11.4	13.3	17.9
3	Corridor Between MRF and Tip Floor (air moving from MRF to Tip Fl	8.5	9.9	27.3	9.8	6.4	11.4	13.3	9.8	8.7	27.1	40.5	42.2	50.2	49.9	17	15.6	18.6	15	14.1	13.3	18.7	20.3
4	Between C1450 and C520	9.5	10.3	12.5	12.7	6.3	13.3	18.7	12.7	10	33.2	10.5	8.5	9.5	46.4	9.1	11.7	16.3	11.5	13.7	9.8	12.7	14.2
5	Near C740	46.4	14.5	42.3	11.8	13.3	17.8	10.8	11.8	16.5	33.9	12.5	9.9	10.3	14.5	11.1	14.4	21.5	12.6	12.2	8.7	10	17.0
6	Near MRF Floor Sump	9.1	11.1	19.9	9.2	4.7	10.0	8	9.2	9.2	22.7	22.6	27.3	12.5	42.3	19.9	14.8	18.1	23.0	38.4	27.1	33.2	18.7
7	Between C500 and Eyewash, In Front of Control Room	29.3	13.9	19.2	20.1	8.2	17.0	34.8	20.1	19.3	67.1	31.3	26.6	51.4	49.0	52.1	19.7	23.5	34.0	24.8	40.5	10.5	29.2
8	Between T930 and C980	29.8	15.4	40.5	24.0	17.7	25.7	23.1	24.0	16.7	42.4	38.5	30.6	74.3	72.4	61.8	22.3	18.4	24.2	24.7	42.2	8.5	32.2
9	Between T920 and T930	7.3	16.4	33.1	19.7	21.7	20.4	15.3	19.7	17.2	51.9	48.9	48.8	72.8	81.4	67.2	21.6	19.5	57.9	16.7	50.2	9.5	34.2
10	Between T180 and T120	16.2	25.5	42.2	21.7	16.6	24.3	20.5	21.7	29.8	22.6	29.8	7.3	16.2	95.7	14.3	24.5	23.2	35.2	34.5	49.9	46.4	29.4
11	Between M140 and D101	95.7	23.6	40.8	24.1	18.1	24.4	21.6	24.1	23.7	65.5	15.4	16.4	25.5	23.6	22.3	27.2	22.4	37.1	9.3	17	9.1	27.9
12	Between Trommels	14.3	22.3	37.6	27.0	17.3	29.4	170.2	27.0	26.2	77.8	40.5	33.1	42.2	40.8	37.6	26.1	35.4	16.7	17.1	15.6	11.7	36.5
13	Between AWS 550s	54.0	20.3	40.8	17.3	26.7	15.6	34.4	12.5	42.3	19.9	19.2	40.5	33.1	42.2	18.2	29.6	37.1	44.2	26.3	18.6	16.3	29.0

Point	Location Description	PM10 (ug/m3)	PM10 (ug/m3)	PM10 (ug/m3)	PM10 (ug/m3)	PM10 (ug/m3)	PM10 (ug/m3)	PM10 (ug/m3)	PM10 (ug/m3)	PM10 (ug/m3)	PM10 (ug/m3)	PM10 (ug/m3)	PM10 (ug/m3)	PM10 (ug/m3)	PM10 (ug/m3)	PM10 (ug/m3)	PM10 (ug/m3)	PM10 (ug/m3)	PM10 (ug/m3)	PM10 (ug/m3)	PM10 (ug/m3)	PM10 (ug/m3)	PM10 (ug/m3)
1	East Corner of Tip Floor Rollup Door	14.3	21.1	20.4	19.1	25.3	16.5	23.3	19.1	20.1	36.9	20.1	44.4	35.2	27.7	50.8	12.0	58.3	20.4	35.5	26.4	18.8	26.9
2	Near Residual Pile on Tip Floor	15.5	24.3	35.5	18.9	37.8	18.1	21.3	18.9	18.2	62.7	26.5	52.4	38.7	34.6	48.1	15.5	40.3	19.1	18.9	17.2	21.1	28.7
3	Corridor Between MRF and Tip Floor (air moving from MRF to Tip Fl	13.2	19.1	26.4	17.2	9.7	16.9	19.6	17.2	* 15.1	45.1	28.4	90.5	27.5	43.6	56.1	16.9	28.3	25.3	37.8	9.7	9.0	27.3
4	Between C1450 and C520	15.2	34.7	18.8	21.1	9.0	19.6	28.6	21.1	14.7	52.1	14.0	59.9	38.6	90.3	56.1	18.1	26.3	16.5	18.1	16.9	19.6	29.0
5	Near C740	79.3	33.5	63.8	23.3	21.1	27.3	17	23.3	25.5	51.8	14.1	43.8	39.1	23.9	53.8	23.6	32.0	23.3	21.3	19.6	28.6	32.8
6	Near MRF Floor Sump	13.6	21.1	30.1	14.3	7.3	14.5	12.3	14.3	16.1	34.4	26.22	65.2	65.8	78.4	77.7	16.3	27.3	19.1	18.9	17.2	21.1	29.1
7	Between C500 and Eyewash, In Front of Control Room	44.9	32.2	29.6	31.3	12.9	25.3	55.8	31.3	30	108.1	14.3	15.5	13.2	15.2	79.3	27.6	36.2	20.1	18.2	15.1	14.7	31.9
8	Between T930 and C980	27.2	24.7	62.1	36.9	20.9	41.9	39.4	36.9	24.8	65.8	21.1	24.3	19.1	34.7	33.5	28.0	28.9	36.9	62.7	45.1	52.1	37.5
9	Between T920 and T930	9.9	26.8	53.4	27.6	34.6	33.3	24.4	27.6	26.8	65.0	20.4	35.5	26.4	18.8	63.8	28.3	31.2	20.1	26.5	28.4	14.0	30.6
10	Between T180 and T120	24.3	43.4	62.1	38.9	25.9	40.6	33.5	38.9	46.5	39.0	19.1	18.9	17.2	21.1	23.3	32.5	38.2	44.4	52.4	90.5	59.9	38.6
11	Between M140 and D101	84.4	34.6	62.0	37.3	28.9	39.9	35.8	37.3	35.7	101.5	25.3	37.8	9.7	9.0	21.1	27.4	34.9	35.2	38.7	27.5	38.6	38.2
12	Between Trommels	22.5	45.3	60.2	47.7	25.7	48	283	47.7	42.1	127.7	16.5	18.1	16.9	19.6	27.3	45.6	56.8	27.7	34.6	43.6	90.3	54.6
13	Between AWS 550s	82.4	25.3	69.3	26.9	42.6	22.8	57.8	26.9	22.1	69.5	23.3	21.3	19.6	28.6	17	50.1	60.2	50.8	48.1	56.1	56.1	41.8

BUILDING AREA TABULATION

NO.	DESCRIPTION	OCCUPANCY	NON OCCUPIED	OFFICES (N)	FACTORY (F-3)	STORAGE (S)	SF/OCC	OCCUPANT COUNT	B OCCUPANTS	F & S OCCUPANTS
1	MEZZANINE 1									
101	LOBBY	1								
102	RECEPTION	1								
103	STAIR	1								
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17 Corporate Plaza Drive, Suite 200
Newport Beach, CA 92660
O: 805.259.9499

July 15, 2022

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 02
H.B. Case No. 2021-12-R

**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 1, 2021 in connection with H.B. Case No. 2021-12-R we offer the following report:

Our air quality consultant, AECOM, worked closely with the District engineers over the past 6 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.

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 January 2023, based on Diani's estimated 16 week construction schedule estimated to commence as of October 1st following completion of a CEQA analysis of the repair and replacement project and Board of Supervisors (BOS) approval of such anticipated for September 2022. 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. Considering the estimated timeframe to complete the CEQA analysis, BOS approval and Diani construction we will need to consider an extension of our Variance due to expire at the end of October. Please advise what steps we should take to process an extension or new 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 January 7, 2021 through June 30, 2022 (i.e., a 6-month lookback).

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

Sincerely,

MSB Investors, LLC

A handwritten signature in black ink, appearing to read "John Dewey", is written over a horizontal line.

John Dewey
CEO & Managing Member

APPENDIX A - MRF INDOOR AIR SAMPLING

Facility Emissions During Operations Without Operational

		Friday (1/7/22)	Friday (1/14/22)	Friday (1/21/22)	Friday (1/28/22)	Friday (2/4/22)	Friday (2/11/22)	Friday (2/18/22)	Friday (2/25/22)	Friday (3/4/22)	Friday (3/11/22)	Friday (3/18/22)	Friday (3/25/22)	Friday (4/1/22)	Friday (4/8/22)	Friday (4/15/22)	Friday (4/22/22)	Friday (4/29/22)	Friday (5/6/22)	Friday (5/13/22)	Friday (5/20/22)	Friday (5/27/22)	Friday (6/3/22)	Friday (6/10/22)	Friday (6/17/22)	Friday (6/24/22)	Friday (6/30/22)	1/7 - 6/30 Avg.
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)	H2S (ppmv)	H2S (ppmv)	H2S (ppmv)	H2S (ppmv)	H2S (ppmv)	H2S (ppmv)
1	East Corner of Tip Floor Rollup Door	0.005	0.003	0.006	0.009	0.004	0.003	0.004	0.009	0.012	0.002	0.009	0.004	0.003	0.004	0.009	0.011	0.028	0.011	0.003	0.004	0.003	0.004	0.005	0.003	0.004	0.008	0.007
2	Near Residual Pile on Tip Floor	0.003	0.003	0.007	0.006	0.006	0.004	0.003	0.006	0.005	0.009	0.006	0.006	0.004	0.003	0.006	0.023	0.018	0.011	0.004	0.003	0.002	0.004	0.006	0.006	0.004	0.004	0.006
3	Corridor Between MRF and Tip Floor (air moving from MRF to Tip F)	0.003	0.004	0.007	0.005	0.000	0.003	0.002	0.005	0.004	0.003	0.005	0.000	0.003	0.002	0.005	0.014	0.013	0.009	0.009	0.006	0.005	0.003	0.006	0.004	0.004	0.007	0.005
4	Between C1450 and C520	0.003	0.005	0.007	0.003	0.000	0.004	0.004	0.003	0.003	0.004	0.003	0.000	0.004	0.004	0.003	0.010	0.013	0.005	0.012	0.005	0.004	0.003	0.002	0.002	0.003	0.004	0.004
5	Near C740	0.003	0.003	0.003	0.006	0.003	0.005	0.006	0.006	0.002	0.006	0.006	0.003	0.005	0.006	0.006	0.007	0.048	0.006	0.002	0.009	0.003	0.004	0.006	0.004	0.005	0.004	0.006
6	Near MRF Floor Sump	0.004	0.003	0.004	0.004	0.003	0.003	0.006	0.004	0.002	0.004	0.004	0.003	0.003	0.006	0.004	0.010	0.014	0.006	0.009	0.006	0.005	0.003	0.006	0.004	0.004	0.000	0.005
7	Between C500 and Eyewash, In Front of Control Room	0.004	0.004	0.008	0.004	0.002	0.004	0.004	0.004	0.003	0.005	0.004	0.002	0.004	0.004	0.004	0.020	0.032	0.008	0.004	0.006	0.000	0.000	0.003	0.003	0.002	0.004	0.005
8	Between T930 and C980	0.007	0.004	0.006	0.004	0.000	0.004	0.008	0.004	0.007	0.004	0.004	0.000	0.004	0.008	0.004	0.009	0.029	0.007	0.003	0.004	0.003	0.004	0.005	0.003	0.004	0.008	0.006
9	Between T920 and T930	0.003	0.003	0.006	0.005	0.000	0.003	0.008	0.005	0.006	0.003	0.005	0.000	0.003	0.008	0.005	0.012	0.040	0.006	0.004	0.003	0.002	0.004	0.006	0.006	0.004	0.004	0.006
10	Between T180 and T120	0.004	0.003	0.001	0.005	0.001	0.004	0.005	0.005	0.002	0.003	0.005	0.001	0.004	0.005	0.005	0.013	0.035	0.005	0.009	0.006	0.005	0.003	0.006	0.004	0.004	0.009	0.006
11	Between M140 and D101	0.003	0.002	0.002	0.006	0.000	0.006	0.004	0.006	0.003	0.003	0.006	0.000	0.006	0.004	0.006	0.021	0.047	0.005	0.011	0.023	0.014	0.010	0.007	0.010	0.020	0.029	0.010
12	Between Trommels	0.001	0.003	0.004	0.004	0.001	0.006	0.004	0.004	0.003	0.004	0.004	0.001	0.006	0.004	0.004	0.020	0.038	0.009	0.028	0.018	0.013	0.013	0.048	0.014	0.032	0.007	0.011
13	Between AWS 550s	0.002	0.003	0.004	0.004	0.001	0.004	0.003	0.004	0.003	0.004	0.004	0.001	0.004	0.003	0.004	0.021	0.036	0.009	0.011	0.011	0.009	0.005	0.006	0.006	0.008	0.012	0.007

Point	Location Description	NH3 (ppmv)	NH3 (ppmv)	NH3 (ppmv)	NH3 (ppmv)	NH3 (ppmv)	NH3 (ppmv)	NH3 (ppmv)	NH3 (ppmv)	NH3 (ppmv)	NH3 (ppmv)	NH3 (ppmv)	NH3 (ppmv)	NH3 (ppmv)	NH3 (ppmv)	NH3 (ppmv)	NH3 (ppmv)	NH3 (ppmv)	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	0.000	0.000	0.000	0.500	0.000	0.000	0.000	0.000	0.000	0.000	0.500	0.000	0.500	0.000	0.000	0.500	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.077
2	Near Residual Pile on Tip Floor	0.500	0.000	0.000	0.000	0.500	0.000	0.000	0.000	0.000	0.000	0.000	0.500	0.000	0.500	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	0.115
3	Corridor Between MRF and Tip Floor [air moving from MRF to Tip F]	0.000	0.000	0.000	0.000	0.500	0.000	0.000	0.000	0.000	0.000	0.000	0.500	0.000	0.500	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	0.058
4	Between C1450 and C520	0.000	0.000	0.000	0.000	0.500	0.000	0.000	0.000	0.000	0.000	0.000	0.500	0.000	0.500	0.000	0.000	0.500	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.077
5	Near C740	0.500	0.000	0.000	0.000	0.500	0.000	0.000	0.000	0.000	0.000	0.000	0.500	0.000	0.500	0.000	0.000	0.500	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.096
6	Near MRF Floor Sump	0.000	0.000	0.000	0.000	0.500	0.000	0.000	0.000	0.000	0.000	0.000	0.500	0.000	0.500	0.000	0.000	0.500	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.135
7	Between C500 and Eyewash, In Front of Control Room	0.500	0.000	0.000	0.000	0.500	0.000	0.000	0.000	0.000	0.000	0.000	0.500	0.000	0.500	0.000	0.000	0.500	0.000	0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.250
8	Between T930 and C980	0.500	0.000	0.000	0.000	0.500	0.000	0.000	0.000	0.000	0.000	0.000	0.500	0.000	0.500	0.000	0.000	0.500	0.000	0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.096
9	Between T920 and T930	0.000	0.000	0.000	0.000	1.000	0.000	0.000	0.000	0.000	0.000	0.000	0.500	1.000	1.000	0.000	0.000	0.000	0.000	0.000	0.500	0.000	0.500	0.000	0.500	0.000	0.500	0.000	0.212
10	Between T180 and T120	0.000	0.000	0.000	0.000	0.500	0.000	0.000	0.000	0.000	0.000	0.000	0.500	0.000	0.500	0.000	0.000	0.000	0.000	0.000	0.000	0.500	0.000	0.500	0.000	0.500	0.000	0.500	0.115
11	Between M140 and D101	0.000	0.000	0.000	0.000	0.500	0.500	0.000	0.000	0.000	0.000	0.500	0.500	0.500	0.500	0.000	0.000	0.000	0.000	0.000	0.000	0.500	0.000	0.500	0.000	0.500	0.000	0.000	0.135
12	Between Trommels	0.000	0.000	0.000	0.000	0.500	0.500	0.050	0.000	0.000	0.000	0.000	0.000	0.500	0.500	0.050	0.000	0.000	1.000	0.500	0.500	1.000	0.000	0.000	0.000	0.500	0.000	0.000	0.215
13	Between AWS 550s	0.000	0.000	0.000	0.000	1.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.000	0.000	0.000	0.000	1.000	1.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.154

Point	Location Description	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)	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)	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)	PM2.5 (ug/m3)	PM2.5 (ug/m3)	PM2.5 (ug/m3)
1	East Corner of Tip Floor Rollup Door	11.0	13	13	11.5	15.4	10.9	15	11.5	12.6	23.0	34.0	24.2	57.9	35.2	37.1	16.7	44.2	15.4	25.2	6.4	13.3	4.7	8.2	17.7	21.7	19.4	17.9
2	Near Residual Pile on Tip Floor	10.5	12.5	22.6	13.7	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	10.9	11.8	11.4	13.3	17.8	10.0	17.0	25.7	20.4	17.9
3	Corridor Between MRF and Tip Floor (air moving from MRF to Tip F)	8.5	9.9	27.3	9.8	6.4	11.4	13.3	9.8	8.7	27.1	40.5	42.2	50.2	49.9	17	15.6	18.6	15	14.1	13.3	18.7	10.8	8	34.8	23.1	15.3	20.0
4	Between C1450 and C520	9.5	10.3	12.5	12.7	6.3	11.3	18.7	12.7	10	33.2	10.5	8.5	9.5	46.4	9.1	11.7	16.3	11.5	13.7	9.8	12.7	11.8	9.2	20.1	24.0	19.7	14.8
5	Near C740	46.4	14.5	42.3	11.8	13.3	17.8	10.8	11.8	16.5	33.9	12.5	9.9	10.3	14.5	11.1	14.4	21.5	12.6	12.2	8.7	10	16.5	9.2	19.3	16.7	17.2	16.8
6	Near MRF Floor Sump	9.1	11.1	19.9	9.2	4.7	10.0	8	9.2	9.2	22.7	22.6	27.3	12.5	42.3	19.9	14.8	18.1	23.0	38.4	27.1	33.2	33.9	22.7	67.1	42.4	51.9	23.5
7	Between C500 and Eyewash, In Front of Control Room	29.3	13.9	19.2	20.1	8.2	17.0	34.8	20.1	19.3	67.1	31.3	26.6	51.4	49.0	52.1	19.7	23.5	34.0	24.8	40.5	10.5	12.5	22.6	31.7	38.5	48.9	29.5
8	Between T930 and C980	29.8	15.4	40.5	24.0	17.7	25.7	23.1	24.0	16.7	42.4	38.5	30.6	74.3	72.4	61.8	22.3	18.4	24.2	24.7	42.7	8.5	9.9	27.3	26.6	30.6	48.8	31.6
9	Between T920 and T930	7.3	16.4	33.1	19.7	21.7	20.4	15.3	19.7	17.2	51.9	48.9	48.8	72.8	81.4	67.2	21.6	19.5	57.9	16.7	50.2	9.5	10.3	12.5	51.4	74.3	72.8	36.1
10	Between T180 and T120	16.2	25.5	42.2	21.7	16.6	24.3	20.5	21.7	29.8	22.6	29.8	7.3	16.2	95.7	14.3	24.5	23.2	35.2	34.5	49.9	46.4	14.5	42.3	49.0	72.4	81.4	33.8
11	Between M140 and D101	95.7	23.6	40.8	24.1	18.1	24.4	21.6	24.1	23.7	65.5	15.4	16.4	25.5	23.6	22.3	27.2	22.4	37.1	9.3	17	9.1	11.1	19.9	52.1	61.8	67.2	30.7
12	Between Trommels	14.3	22.3	37.6	27.0	17.3	29.4	170.2	27.0	26.2	77.8	40.5	33.1	42.2	40.8	37.6	26.1	35.4	16.7	17.1	15.6	11.7	14.4	14.8	19.7	22.3	21.6	33.0
13	Between AWS 550s	54.0	20.3	40.8	17.3	26.7	15.6	34.4	12.5	42.3	19.9	19.2	40.5	33.1	42.2	18.2	29.6	37.1	44.2	26.3	18.6	16.3	21.5	18.1	29.5	28.4	19.5	27.3

BUILDING AREA TABULATION

NO.	DESCRIPTION	OCCUPANCY	NON OCCUPIED	OFFICES (N)	FACTORY (F-1)	STORAGE (S)	SE/OC	OCCUPANT COUNT	# OCCUPANTS	F & S	OCCUPANTS
1	MEZZANINE 1										
2	MEZZANINE 2										
3	MEZZANINE 3										
4	MEZZANINE 4										
5	MEZZANINE 5										
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17 Corporate Plaza Drive, Suite 200
Newport Beach, CA 92660
O: 805.259.9499

August 15, 2022

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-R

**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 1, 2021 in connection with H.B. Case No. 2021-12-R we offer the following request:

Our air quality consultant, AECOM, worked closely with the District engineers over the past 12 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 May-June 2023, based on Diani's estimated 16 week construction schedule estimated to commence as of January 2023^t following completion of a CEQA analysis of the repair and replacement project and Board of Supervisors (BOS) approval of such anticipated for December 2022 or January 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. Considering the estimated timeframe to complete the CEQA analysis, BOS approval and Diani construction we will need to consider an extension of our Variance due to expire at the end of October. Please advise what steps we should take to process an extension or new 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 through July 29, 2022 (i.e., a 5-month lookback).

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

Sincerely,

MSB Investors, LLC

A handwritten signature in blue ink, appearing to read "John Dewey", is written over a horizontal line.

John Dewey
CEO & Managing Member

APPENDIX A - MRF INDOOR AIR SAMPLING

Facility Emissions During Operations Without Operational Biofilters and Baghouses

Point	Location Description	Friday (2/4/22)	Friday (2/11/22)	Friday (2/18/22)	Friday (2/25/22)	Friday (3/4/22)	Friday (3/11/22)	Friday (3/18/22)	Friday (3/25/22)	Friday (4/1/22)	Friday (4/8/22)	Friday (4/15/22)	Friday (4/22/2022)	Friday (4/29/22)	Friday (5/6/22)	Friday (5/13/22)	Friday (5/20/22)	Friday (5/27/22)	Friday (6/3/22)	Friday (6/10/22)	Friday (6/17/22)	Friday (6/24/22)	Friday (7/1/2022)	Friday (7/8/2022)	Friday (7/15/2022)	Friday (7/22/2022)	2/4/22 - 7/19/22		
		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)	H2S (ppmv)	H2S (ppmv)	H2S (ppmv)	H2S (ppmv)	H2S (ppmv)		
1	East Corner of Tip Floor Rollup Door	0.004	0.003	0.004	0.009	0.012	0.002	0.009	0.004	0.003	0.004	0.009	0.011	0.011	0.003	0.004	0.003	0.004	0.005	0.003	0.004	0.008	0.011	0.006	0.025	0.003	0.007		
2	Near Residual Pile on Tip Floor	0.006	0.004	0.003	0.006	0.005	0.009	0.006	0.006	0.004	0.003	0.006	0.023	0.011	0.004	0.003	0.002	0.004	0.006	0.006	0.004	0.004	0.005	0.005	0.035	0.004	0.007		
3	Corridor Between MRF and Tip Floor (air moving from MRF to Tip Floor)	0.000	0.003	0.004	0.003	0.003	0.004	0.006	0.003	0.002	0.005	0.014	0.009	0.009	0.006	0.005	0.003	0.006	0.004	0.004	0.007	0.001	0.006	0.023	0.003	0.005			
4	Between C1450 and C520	0.000	0.004	0.004	0.003	0.004	0.003	0.006	0.003	0.003	0.004	0.003	0.010	0.009	0.005	0.012	0.005	0.004	0.003	0.002	0.002	0.003	0.004	0.001	0.002	0.001	0.004	0.004	
5	Near C740	0.003	0.005	0.006	0.006	0.002	0.006	0.006	0.003	0.006	0.005	0.006	0.007	0.006	0.002	0.009	0.003	0.004	0.006	0.004	0.005	0.004	0.004	0.001	0.003	0.002	0.005		
6	Near MRF Floor Sump	0.003	0.003	0.006	0.004	0.002	0.004	0.004	0.003	0.003	0.006	0.006	0.007	0.006	0.002	0.009	0.003	0.004	0.006	0.004	0.005	0.004	0.001	0.003	0.002	0.005			
7	Between C500 and Eyewash, In Front of Control Room	0.002	0.004	0.004	0.004	0.003	0.005	0.004	0.002	0.004	0.004	0.004	0.020	0.008	0.004	0.003	0.003	0.004	0.006	0.004	0.004	0.000	0.003	0.004	0.002	0.002	0.004		
8	Between D930 and C980	0.000	0.004	0.008	0.004	0.007	0.004	0.004	0.000	0.004	0.008	0.004	0.009	0.007	0.003	0.004	0.003	0.004	0.005	0.003	0.004	0.008	0.001	0.004	0.003	0.003	0.004		
9	Between D290 and D430	0.000	0.003	0.008	0.005	0.006	0.003	0.005	0.000	0.003	0.008	0.005	0.012	0.006	0.004	0.003	0.002	0.004	0.006	0.006	0.004	0.004	0.001	0.007	0.004	0.001	0.004		
10	Between D180 and D120	0.001	0.004	0.005	0.005	0.002	0.003	0.005	0.001	0.004	0.005	0.005	0.013	0.005	0.009	0.006	0.005	0.003	0.006	0.004	0.004	0.009	0.002	0.002	0.004	0.001	0.005		
11	Between M140 and D101	0.000	0.006	0.004	0.006	0.003	0.003	0.006	0.000	0.006	0.004	0.006	0.021	0.005	0.011	0.023	0.014	0.010	0.007	0.010	0.020	0.029	0.005	0.001	0.004	0.002	0.008		
12	Between Trommels	0.001	0.006	0.004	0.004	0.003	0.004	0.004	0.001	0.006	0.004	0.004	0.020	0.009	0.028	0.018	0.013	0.013	0.014	0.032	0.007	0.009	0.006	0.005	0.004	0.011			
13	Between AWS 550s	0.001	0.004	0.003	0.004	0.003	0.004	0.004	0.001	0.004	0.003	0.004	0.021	0.009	0.011	0.011	0.009	0.005	0.006	0.006	0.008	0.012	0.008	0.008	0.003	0.001	0.006		

Point	Location Description	NH3 (ppmv)	NH3 (ppmv)	NH3 (ppmv)	NH3 (ppmv)	NH3 (ppmv)	NH3 (ppmv)	NH3 (ppmv)	NH3 (ppmv)	NH3 (ppmv)	NH3 (ppmv)	NH3 (ppmv)	NH3 (ppmv)	NH3 (ppmv)	NH3 (ppmv)	NH3 (ppmv)	NH3 (ppmv)	NH3 (ppmv)	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	0.500	0.000	0.000	0.000	0.000	0.000	0.000	0.500	0.000	0.500	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	0.000	0.000	0.060
2	Near Residual Pile on Tip Floor	0.500	0.000	0.000	0.000	0.000	0.000	0.500	0.500	0.000	0.500	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	0.000	0.080	
3	Corridor Between MRF and Tip Floor (air moving from MRF to Tip Floor)	0.500	0.000	0.000	0.000	0.000	0.000	0.500	0.500	0.000	0.500	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	0.000	0.060	
4	Between C1450 and C520	0.500	0.000	0.000	0.000	0.000	0.000	0.500	0.500	0.000	0.500	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	0.000	0.080	
5	Near C740	0.500	0.000	0.000	0.000	0.000	0.000	0.500	0.500	0.000	0.500	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	0.000	0.060	
6	Near MRF Floor Sump	0.500	0.000	0.000	0.000	0.000	0.000	0.500	0.500	0.000	0.500	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	0.000	0.140	
7	Between C500 and Eyewash, In Front of Control Room	0.500	0.000	0.000	0.000	0.000	0.000	0.500	0.500	0.000	0.500	0.000	0.000	0.000	0.000	0.000	0.500	0.500	0.000	0.000	0.500	0.000	0.000	0.000	0.000	0.000	0.220	
8	Between D930 and C980	0.500	0.000	0.000	0.000	0.000	0.000	0.500	0.500	0.000	0.500	0.000	0.000	0.000	0.000	0.500	0.500	0.500	0.500	0.500	0.500	0.000	0.000	0.000	0.000	0.000	0.080	
9	Between D290 and D430	1.000	0.000	0.000	0.000	0.000	0.000	0.500	1.000	0.000	1.000	0.000	0.000	0.000	0.000	0.500	0.500	0.500	0.500	0.500	0.000	0.000	0.000	0.000	0.000	0.000	0.220	
10	Between D180 and D120	0.500	0.000	0.000	0.000	0.000	0.000	0.500	0.500	0.000	0.500	0.000	0.000	0.000	0.000	0.500	0.500	0.000	0.000	0.500	0.000	0.000	0.000	0.000	0.000	0.000	0.100	
11	Between M140 and D101	0.500	0.500	0.000	0.000	0.000	0.500	0.500	0.500	0.000	0.500	0.000	0.000	0.000	0.000	0.000	0.500	0.000	0.000	0.500	0.000	0.000	0.000	0.000	0.000	0.000	0.140	
12	Between Trommels	0.500	0.500	0.050	0.000	0.000	0.000	0.500	0.500	0.050	0.000	0.000	0.500	1.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.000	1.000	0.000	0.500	0.284
13	Between AWS 550s	1.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.500	1.000	0.000	0.000	0.000	0.000	0.180	

Point	Location Description	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)	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)	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)	PM2.5 (ug/m3)	PM2.5 (ug/m3)	
1	East Corner of Tip Floor Rollup Door	15.4	10.9	15	11.5	12.6	23.0	34.0	24.2	57.9	35.2	37.1	16.7	27.0	25.2	6.4	6.3	13.3	4.7	8.2	17.7	21.7	19.8	22.4	46.7	33.2	21.8	
2	Near Residual Pile on Tip Floor	25.2	11.8	14.1	13.7	12.2	38.4	24.8	24.7	16.7	34.5	9.3	17.1	28.7	11.8	11.4	13.3	17.8	10.0	17.0	25.7	20.4	21.5	31.4	29.2	22.2	20.1	
3	Corridor Between MRF and Tip Floor (air moving from MRF to Tip Floor)	6.4	11.4	13.3	9.8	8.7	27.1	40.5	42.2	50.2	49.9	17	15.6	30.6	14.1	13.3	18.7	10.8	8	34.8	23.1	15.3	31.0	18.7	16.5	40.4	22.7	
4	Between C1450 and C520	6.3	13.3	18.7	12.7	10	33.2	10.5	8.5	9.5	46.4	9.1	11.7	32.6	13.7	9.8	12.7	11.8	9.2	20.1	24.0	19.7	16.7	15.4	10.0	27.6	16.5	
5	Near C740	13.3	17.8	10.8	11.8	16.5	33.9	12.5	9.9	10.3	14.5	11.1	14.4	54.9	12.2	8.7	10	16.5	9.2	19.3	16.7	17.2	22.4	34.5	15.0	40.4	18.2	
6	Near MRF Floor Sump	4.7	10.0	8	9.2	9.2	22.7	22.6	27.3	12.5	42.3	19.9	14.8	31.3	38.4	27.1	33.2	33.9	22.7	67.1	42.4	51.9	19.6	16.8	11.0	13.0	24.5	
7	Between C500 and Eyewash, In Front of Control Room	8.2	17.0	34.8	20.1	19.3	67.1	31.3	26.6	51.4	49.0	52.1	19.7	95.1	24.8	40.5	10.5	12.5	22.6	31.3	38.5	48.9	26.8	22.4	20.8	19.5	32.4	
8	Between D930 and C980	17.7	25.7	23.1	24.0	16.7	42.4	38.5	30.6	74.3	72.4	61.8	22.3	59.9	24.7	42.2	8.5	9.9	27.3	26.6	30.6	48.8	15.7	19.5	13.3	32.4	32.4	
9	Between D290 and D430	16.6	24.3	20.5	21.7	29.8	22.6	29.8	7.3	16.2	95.7	14.3	24.5	54.9	34.5	49.9	46.4	14.5	42.3	49.0	72.4	81.4	45.4	48.2	42.0	49.7	40.3	
10	Between D180 and D120	18.1	24.4	21.6	24.1	23.7	65.5	15.4	16.4	25.5	23.6	22.3	27.2	55.2	9.3	17	9.1	11.1	19.9	52.1	61.8	67.2	55.8	54.8	118.3	52.3	35.7	
11	Between M140 and D101	17.3	29.4	17.0	27.0	26.2	77.8	40.5	33.1	42.2	40.8	37.6	26.1	70.6	17.1	15.6	11.7	14.4	14.8	19.7	22.3	21.6	88.5	72.4	40.9	181.5	46.4	
12	Between Trommels	26.7	15.6	34.4	12.5	42.3	19.9	19.2	40.5	33.1	42.2	18.2	22.8	100.5	26.3	18.6	16.3	21.5	18.1	23.5	18.4	19.5	76.4	69.8	46.7	64.5	33.9	
13	Between AWS 550s	26.7	15.6	34.4	12.5	42.3	19.9	19.2	40.5	33.1	42.2	18.2	22.8	100.5	26.3	18.6	16.3	21.5	18.1	23.5	18.4	19.5	76.4	69.8	46.7	64.5	33.9	

BUILDING AREA TABULATION

NO.	DESCRIPTION	OCCUPANCY	NON OCCUPIED	OFFICES (B)	FACTORY (F-2)	STORAGE (S)	SF/OCC	OCCUPANT COUNT	B OCCUPANTS	F & S OCCUPANTS
1	MEZZANINE 1									
100	INTERIOR STAIR	B		100			1.0	100	100	100
101	MEZZANINE 1	B		101			1.0	101	101	101
102	MEZZANINE 1	B		102			1.0	102	102	102
103	MEZZANINE 1	B		103			1.0	103	103	103
104	MEZZANINE 1	B		104			1.0	104	104	104
105	MEZZANINE 1	B		105			1.0	105	105	105
106	MEZZANINE 1	B		106			1.0	106	106	106
107	MEZZANINE 1	B		107			1.0	107	107	107
108	MEZZANINE 1	B		108			1.0	108	108	108
109	MEZZANINE 1	B		109			1.0	109	109	109
110	MEZZANINE 1	B		110			1.0	110	110	110
111	MEZZANINE 1	B		111			1.0	111	111	111
112	MEZZANINE 1	B		112			1.0	112	112	112
113	MEZZANINE 1	B		113			1.0	113	113	113
114	MEZZANINE 1	B		114			1.0	114	114	114
115	MEZZANINE 1	B		115			1.0	115	115	115
116	MEZZANINE 1	B		116			1.0	116	116	116
117	MEZZANINE 1	B		117			1.0	117	117	117
118	MEZZANINE 1	B		118			1.0	118	118	118
119	MEZZANINE 1	B		119			1.0	119	119	119
120	MEZZANINE 1	B		120			1.0	120	120	120
121	MEZZANINE 1	B		121			1.0	121	121	121
122	MEZZANINE 1	B		122			1.0	122	122	122
123	MEZZANINE 1	B		123			1.0	123	123	123
124	MEZZANINE 1	B		124			1.0	124	124	124
125	MEZZANINE 1	B		125			1.0	125	125	125
126	MEZZANINE 1	B		126			1.0	126	126	126
127	MEZZANINE 1	B		127			1.0	127	127	127
128	MEZZANINE 1	B		128			1.0	128	128	128
129	MEZZANINE 1	B		129			1.0	129	129	129
130	MEZZANINE 1	B		130			1.0	130	130	130
131	MEZZANINE 1	B		131			1.0	131	131	131
132	MEZZANINE 1	B		132			1.0	132	132	132
133	MEZZANINE 1	B		133			1.0	133	133	133
134	MEZZANINE 1	B		134			1.0	134	134	134
135	MEZZANINE 1	B		135			1.0	135	135	135
136	MEZZANINE 1	B		136			1.0	136	136	136
137	MEZZANINE 1	B		137			1.0	137	137	137
138	MEZZANINE 1	B		138			1.0	138	138	138
139	MEZZANINE 1	B		139			1.0	139	139	139
140	MEZZANINE 1	B		140			1.0	140	140	140
141	MEZZANINE 1	B		141			1.0	141	141	141
142	MEZZANINE 1	B		142			1.0	142	142	142
143	MEZZANINE 1	B		143			1.0	143	143	143
144	MEZZANINE 1	B		144			1.0	144	144	144
145	MEZZANINE 1	B		145			1.0	145	145	145
146	MEZZANINE 1	B		146			1.0	146	146	146
147	MEZZANINE 1	B		147			1.0	147	147	147
148	MEZZANINE 1	B		148			1.0	148	148	148
149	MEZZANINE 1	B		149			1.0	149	149	149
150	MEZZANINE 1	B		150			1.0	150	150	150
151	MEZZANINE 1	B		151			1.0	151	151	151
152	MEZZANINE 1	B		152			1.0	152	152	152
153	MEZZANINE 1	B		153			1.0	153	153	153
154	MEZZANINE 1	B		154			1.0	154	154	154
155	MEZZANINE 1	B		155			1.0	155	155	155
156	MEZZANINE 1	B		156			1.0	156	156	156
157	MEZZANINE 1	B		157			1.0	157	157	157
158	MEZZANINE 1	B		158			1.0	158	158	158
159	MEZZANINE 1	B		159			1.0	159	159	159
160	MEZZANINE 1	B		160			1.0	160	160	160
161	MEZZANINE 1	B		161			1.0	161	161	161
162	MEZZANINE 1	B		162			1.0	162	162	162
163	MEZZANINE 1	B		163			1.0	163	163	163
164	MEZZANINE 1	B		164			1.0	164	164	164
165	MEZZANINE 1	B		165			1.0	165	165	165
166	MEZZANINE 1	B		166			1.0	166	166	166
167	MEZZANINE 1	B		167			1.0	167	167	167
168	MEZZANINE 1	B		168			1.0	168	168	168
169	MEZZANINE 1	B		169			1.0	169	169	169
170	MEZZANINE 1	B		170			1.0	170	170	170
171	MEZZANINE 1	B		171			1.0	171	171	171
172	MEZZANINE 1	B		172			1.0	172	172	172
173	MEZZANINE 1	B		173			1.0	173	173	173
174	MEZZANINE 1	B		174			1.0	174	174	174
175	MEZZANINE 1	B		175			1.0	175	175	175
176	MEZZANINE 1	B		176			1.0	176	176	176
177	MEZZANINE 1	B		177			1.0	177	177	177
178	MEZZANINE 1	B		178			1.0	178	178	178
179	MEZZANINE 1	B		179			1.0	179	179	179
180	MEZZANINE 1	B		180			1.0	180	180	180
181	MEZZANINE 1	B		181			1.0	181	181	181
182	MEZZANINE 1	B		182			1.0	182	182	182
183	MEZZANINE 1	B		183			1.0	183	183	183
184	MEZZANINE 1	B		184			1.0	184	184	184
185	MEZZANINE 1	B		185			1.0	185	185	185
186	MEZZANINE 1	B		186			1.0	186	186	186
187	MEZZANINE 1	B		187			1.0	187	187	187
188	MEZZANINE 1	B		188			1.0	188	188	188
189	MEZZANINE 1	B		189			1.0	189	189	189
190	MEZZANINE 1	B		190			1.0	190	190	190
191	MEZZANINE 1	B		191			1.0	191	191	191
192	MEZZANINE 1	B		192			1.0	192	192	192
193	MEZZANINE 1	B		193			1.0	193	193	193
194	MEZZANINE 1	B		194			1.0	194	194	194
195	MEZZANINE 1	B		195			1.0	195	195	195
196	MEZZANINE 1	B		196			1.0	196	196	196
197	MEZZANINE 1	B		197			1.0	197	197	197
198	MEZZANINE 1	B		198			1.0	198	198	198
199	MEZZANINE 1	B		199			1.0	199	199	199
200	MEZZANINE 1	B		200			1.0	200	200	200
201	MEZZANINE 1	B		201			1.0	201	201	201
202	MEZZANINE 1	B		202			1.0	202	202	202
203	MEZZANINE 1	B		203			1.0	203	203	203
204	MEZZANINE 1	B		204			1.0	204	204	204
205	MEZZANINE 1	B		205			1.0	205	205	205
206	MEZZANINE 1	B		206			1.0	206	206	206
207	MEZZANINE 1	B		207			1.0	207	207	207
208	MEZZANINE 1	B		208			1.0	208	208	208
209	MEZZANINE 1	B		209			1.0	209	209	209
210	MEZZANINE 1	B		210			1.0	210	210	210
211	MEZZANINE 1	B		211			1.0	211	211	211
212	MEZZANINE 1	B		212			1.0	212	212	212
213	MEZZANINE 1	B		213			1.0	213	213	213
214	MEZZANINE 1	B		214			1.0	214	214	214
215	MEZZANINE 1	B		215			1.0	215	215	215
216	MEZZANINE 1	B		216			1.0	216	216	216
217	MEZZANINE 1	B		217			1.0	217	217	217
218	MEZZANINE 1	B		218			1.0	218	218	218
219	MEZZANINE 1	B		219			1.0	219	219	219
220	MEZZANINE 1	B		220			1.0	220	220	220
221	MEZZANINE 1	B		221			1.0	221	221	221
222	MEZZANINE 1	B		222			1.0	222	222	222
223	MEZZANINE 1	B		223			1.0	223	223	223
224	MEZZANINE 1	B		224			1.0	224	224	224
225	MEZZANINE 1	B		225			1.0	225	225	225
226	MEZZANINE 1	B		226			1.0	226	226	226
227	MEZZANINE 1	B		227			1.0	227	227	227
228	MEZZANINE 1	B		228			1.0	228	228	228
229	MEZZANINE 1	B		229			1.0	229	229	229
230	MEZZANINE 1	B		230			1.0	230	230	230
231	MEZZANINE 1	B		231			1.0	231	231	231
232	MEZZANINE 1	B		232			1.0	232	232	232
233	MEZZANINE 1	B		233			1.0	233	233	233
234	MEZZANINE 1	B		234			1.0	234	234	234
235	MEZZANINE 1	B		235			1.0	235	235	235
236	MEZZANINE 1	B		236			1.0	236	236	236
237	MEZZANINE 1	B		237			1.0	237	237	237
238	MEZZANINE 1	B		238			1.0	238	238	238
239	MEZZANINE 1	B		239			1.0	239	239	239
240	MEZZANINE 1	B		240			1.0	240	240	240
241	MEZZANINE 1	B		241			1.0	241	241	241
242	MEZZANINE 1	B		242			1.0	242	242	242
243	MEZZANINE 1	B		243			1.0	243	243	243
244	MEZZANINE 1	B		244			1.0	244	244	244
245	MEZZANINE 1	B		245			1.0	245	245	245
246	MEZZANINE 1	B		246			1.0	246	246	246
247	MEZZANINE 1	B		247			1.0	247	247	247
248	MEZZANINE									



17 Corporate Plaza Drive, Suite 200
Newport Beach, CA 92660
O: 805.259.9499

September 15, 2022

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-R

**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 1, 2021 in connection with H.B. Case No. 2021-12-R we offer the following request:

Our air quality consultant, AECOM, worked closely with the District engineers over the past 12 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 May-June 2023, based on Diani's estimated 16 week construction schedule estimated to commence as of January 2023 following completion of a CEQA analysis of the repair and replacement project and Board of Supervisors (BOS) approval of such anticipated for December 2022 or January 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. Considering the estimated timeframe to complete the CEQA analysis, BOS approval and Diani construction we will need to consider an extension of our Variance due to expire at the end of October. Please advise what steps we should take to process an extension or new 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 through August 26, 2022 (i.e., a 5-month lookback).

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

Sincerely,

MSB Investors, LLC

A handwritten signature in black ink, appearing to read "John Dewey", is written over a horizontal line.

John Dewey
CEO & Managing Member

APPENDIX A - MRF INDOOR AIR SAMPLING

Facility Emissions During Operations Without Operational Biofilters and Baghouses

		Friday (3/3/22)	Friday (3/11/22)	Friday (3/18/22)	Friday (3/25/22)	Friday (4/1/22)	Friday (4/8/22)	Friday (4/15/22)	Friday (4/22/22)	Friday (4/29/22)	Friday (5/6/22)	Friday (5/13/22)	Friday (5/20/22)	Friday (5/27/22)	Friday (6/3/22)	Friday (6/10/22)	Friday (6/17/22)	Friday (6/24/22)	Friday (6/30/22)	Friday (7/7/22)	Friday (7/14/22)	Friday (7/21/22)	Friday (7/28/22)	Friday (8/4/22)	Friday (8/11/22)	Friday (8/18/22)	Friday (8/25/22)	3/4/22 - 8/26/22
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)	H2S (ppmv)	H2S (ppmv)	H2S (ppmv)	H2S (ppmv)	H2S (ppmv)	
1	East Corner of Tip Floor Rollup Door	0.012	0.002	0.009	0.004	0.003	0.004	0.009	0.011	0.011	0.003	0.004	0.003	0.004	0.005	0.003	0.004	0.008	0.011	0.006	0.025	0.003	0.008	0.009	0.007	0.007	0.007	
2	Near Residual Pile on Tip Floor	0.005	0.009	0.006	0.006	0.004	0.003	0.006	0.023	0.011	0.004	0.003	0.002	0.004	0.005	0.006	0.006	0.004	0.004	0.005	0.005	0.005	0.004	0.004	0.007	0.006	0.013	0.007
3	Corridor Between MRF and Tip Floor (air moving from MRF to Tip Floor)	0.003	0.003	0.003	0.000	0.003	0.004	0.004	0.014	0.009	0.009	0.006	0.005	0.003	0.006	0.004	0.004	0.007	0.001	0.006	0.023	0.003	0.001	0.004	0.003	0.009	0.009	0.006
4	Between C1450 and C520	0.003	0.003	0.003	0.003	0.006	0.007	0.006	0.003	0.010	0.005	0.012	0.005	0.004	0.003	0.002	0.002	0.003	0.004	0.001	0.002	0.001	0.004	0.002	0.003	0.002	0.007	0.004
5	Near C740	0.002	0.006	0.006	0.003	0.003	0.006	0.004	0.010	0.006	0.006	0.002	0.009	0.003	0.004	0.006	0.004	0.005	0.004	0.004	0.001	0.003	0.002	0.004	0.003	0.001	0.013	0.005
6	Near MRF Floor Sump	0.002	0.004	0.004	0.003	0.003	0.006	0.004	0.010	0.006	0.006	0.002	0.009	0.003	0.004	0.006	0.004	0.005	0.004	0.004	0.001	0.003	0.002	0.004	0.003	0.001	0.013	0.005
7	Between C500 and Eyewash, In Front of Control Room	0.003	0.005	0.004	0.002	0.004	0.004	0.004	0.020	0.008	0.004	0.006	0.000	0.000	0.003	0.003	0.004	0.006	0.003	0.004	0.001	0.002	0.002	0.003	0.006	0.003	0.007	0.004
8	Between D930 and C980	0.007	0.004	0.004	0.000	0.004	0.008	0.004	0.009	0.007	0.003	0.004	0.003	0.004	0.005	0.003	0.004	0.008	0.001	0.004	0.008	0.001	0.004	0.008	0.003	0.004	0.015	0.005
9	Between D290 and D430	0.006	0.003	0.005	0.000	0.003	0.008	0.005	0.012	0.006	0.004	0.003	0.002	0.004	0.006	0.006	0.004	0.004	0.001	0.002	0.004	0.001	0.003	0.003	0.001	0.012	0.004	0.004
10	Between D180 and D120	0.002	0.003	0.005	0.001	0.004	0.005	0.005	0.013	0.005	0.009	0.006	0.005	0.003	0.006	0.004	0.004	0.009	0.002	0.002	0.004	0.001	0.004	0.003	0.002	0.013	0.005	0.005
11	Between M140 and D101	0.003	0.003	0.006	0.000	0.006	0.004	0.006	0.021	0.005	0.011	0.023	0.014	0.010	0.007	0.010	0.020	0.029	0.005	0.001	0.004	0.002	0.003	0.004	0.002	0.009	0.008	0.008
12	Between Trommels	0.003	0.004	0.004	0.001	0.006	0.004	0.004	0.020	0.009	0.028	0.018	0.013	0.013	0.048	0.014	0.032	0.007	0.009	0.006	0.005	0.004	0.004	0.005	0.003	0.025	0.012	0.012
13	Between AWS 550s	0.003	0.004	0.004	0.001	0.004	0.003	0.004	0.021	0.009	0.011	0.011	0.009	0.005	0.006	0.006	0.008	0.012	0.008	0.008	0.003	0.001	0.003	0.003	0.004	0.005	0.006	0.006

Point	Location Description	NH3 (ppmv)	NH (ppmv)	NH3 (ppmv)	NH3 (ppmv)	NH3 (ppmv)	NH3 (ppmv)	NH3 (ppmv)	NH3 (ppmv)	NH3 (ppmv)	NH3 (ppmv)	NH3 (ppmv)	NH3 (ppmv)	NH3 (ppmv)	NH3 (ppmv)	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	0.000	0.000	0.500	0.000	0.500	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	0.000	0.000	0.000	0.000
2	Near Residual Pile on Tip Floor	0.000	0.000	0.500	0.500	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.500	0.000	0.000	0.000	0.000	0.500	0.000	0.080
3	Corridor Between MRF and Tip Floor (air moving from MRF to Tip Floor)	0.000	0.000	0.000	0.500	0.500	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	0.000	0.000	0.500	0.000	0.040
4	Between C1450 and C520	0.000	0.000	0.500	0.500	0.000	0.000	0.500	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.060
5	Near C240	0.000	0.000	0.000	0.500	0.500	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	0.000	0.000	0.000	0.000	0.040
6	Near MRF Floor Sump	0.000	0.000	0.000	0.500	0.000	0.500	0.500	0.000	0.000	0.000	0.000	0.500	0.000	0.000	0.500	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.120
7	Between C500 and Eyewash, In Front of Control Room	0.000	0.000	0.500	0.500	0.000	0.000	0.000	0.000	0.000	0.000	0.500	0.500	0.500	0.500	0.500	0.500	0.000	0.000	0.000	0.000	0.000	0.500	0.000	0.220
8	Between D930 and C980	0.000	0.000	0.000	0.500	0.000	0.000	0.000	0.000	0.000	0.500	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	0.080
9	Between D290 and D430	0.000	0.000	0.500	1.000	1.000	0.000	1.000	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	0.000	0.000	1.000	0.220
10	Between D180 and D120	0.000	0.000	0.000	0.500	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.500	0.000	0.500	0.000	0.000	0.000	0.000	0.000	0.000	0.500	0.000	0.160
11	Between M140 and D101	0.000	0.500	0.500	0.500	0.500	0.000	0.000	0.000	0.000	0.000	0.000	0.500	0.000	0.500	0.000	0.000	0.000	0.000	0.000	0.000	1.000	0.500	0.160	0.320
12	Between Trommels	0.000	0.000	0.000	0.500	0.500	0.050	0.000	0.000	0.000	0.500	1.000	0.000	0.000	0.000	0.500	0.000	1.000	1.000	0.000	0.500	0.500	0.000	1.500	0.320
13	Between AWS 550s	0.000	0.000	0.000	1.000	0.000	0.000	0.000	0.000	1.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.500	1.000	0.000	0.500	0.000	0.500	0.500	0.380

Pont	Location Description	PM2.5 (ug/m ³)	PM2.5 (ug/m ³)	PM2.5 (ug/m ³)	PM2.5 (ug/m ³)	PM2.5 (ug/m ³)	PM2.5 (ug/m ³)	PM2.5 (ug/m ³)	PM2.5 (ug/m ³)	PM2.5 (ug/m ³)	PM2.5 (ug/m ³)	PM2.5 (ug/m ³)	PM2.5 (ug/m ³)	PM2.5 (ug/m ³)	PM2.5 (ug/m ³)	PM2.5 (ug/m ³)	PM2.5 (ug/m ³)	PM2.5 (ug/m ³)	PM2.5 (ug/m ³)	PM2.5 (ug/m ³)	PM2.5 (ug/m ³)	PM2.5 (ug/m ³)	PM2.5 (ug/m ³)	PM2.5 (ug/m ³)	PM2.5 (ug/m ³)	
1	East Corner of Tip Floor Rollup Door	12.6	23.0	34.0	24.2	57.9	35.2	37.1	16.7	27.0	25.2	6.4	6.3	13.2	4.7	8.2	21.3	19.8	22.4	26.2	33.2	42.6	39.2	33.6	24.8	
2	Near Residual Pipe on Floor	12.2	38.4	24.8	24.7	16.7	34.5	37.3	17.1	28.7	11.8	11.4	13.3	17.8	10.0	17.0	25.7	20.4	21.5	31.4	29.2	22.2	10.5	46.3	10.1	
3	Corridor Between MRF and Tip Floor (air moving from MRF to Tip Floor)	8.7	27.1	40.5	42.2	50.2	49.9	17	15.6	30.6	14.1	13.3	18.7	10.8	8	34.8	23.1	15.3	31.0	18.7	16.5	40.0	11.1	11.8	13.7	10.7
4	Between C1450 and C520	10	33.2	10.5	8.5	9.5	46.4	9.1	11.7	32.6	13.7	9.8	12.7	11.8	9.2	20.1	24.0	19.7	16.7	15.4	10.0	27.6	13.5	10.9	16.1	12.0
5	Near C740	16.5	33.9	12.5	9.9	10.3	14.5	11.1	14.4	54.9	12.2	8.7	10	16.5	9.2	19.3	16.7	17.2	22.4	34.5	15.0	40.4	36.2	18.8	13.4	27.3
6	Near MRF Floor Sump	9.2	22.7	22.6	27.3	12.5	42.3	19.9	14.8	31.3	38.4	27.1	33.2	33.9	22.7	67.1	42.4	51.9	19.6	16.8	11.0	13.0	11.5	10.8	16.6	6.2
7	Between C500 and Eyewash, In Front of Control Room	19.3	67.1	31.3	26.6	51.4	40.0	52.1	19.7	95.1	24.8	40.5	12.5	22.6	31.3	38.5	48.9	26.8	22.4	20.8	19.5	15.4	11.4	15.2	14.1	31.5
8	Between D930 and C980	16.7	42.4	38.5	30.4	34.3	59.3	61.8	42.3	59.1	24.7	50.5	8.5	9.9	27.3	26.6	30.6	48.8	15.7	19.5	13.3	32.4	18.4	13.3	20.2	25.2
9	Between D290 and D430	17.2	51.9	48.9	48.8	72.8	81.4	67.2	71.6	72.3	16.7	50.2	9.5	9.5	51.4	72.5	38.8	34.6	28.1	47.7	34.0	25.4	16.8	31.2	41.5	
10	Between D180 and D120	29.8	22.6	29.8	7.3	16.2	95.7	14.3	24.5	54.9	34.5	49.9	46.4	14.5	42.3	49.0	72.4	81.4	45.4	48.2	42.0	33.3	25.6	21.8	49.7	
11	Between M140 and D101	23.7	65.5	15.4	16.4	25.5	23.6	22.3	27.2	55.2	9.3	17	9.1	11.1	19.9	52.1	61.8	67.2	55.8	54.8	118.3	52.3	49.0	25.0	25.0	23.2
12	Between Trommels	26.2	77.8	40.5	33.1	42.2	40.8	37.6	26.1	70.6	17.1	15.6	11.7	14.4	14.8	19.7	22.3	21.6	88.5	72.4	40.9	181.5	66.9	14.1	28.4	37.4
13	Between AWS 550s	42.3	19.9	19.2	40.5	33.1	42.2	18.2	22.8	100.5	26.3	18.6	16.3	21.5	18.1	23.5	18.4	19.5	76.4	69.8	46.7	64.5	85.8	39.9	23.7	30.1

Point	Location Description	PM10 (ug/m3)	PM10 (ug/m3)	PM10 (ug/m3)	PM10 (ug/m3)	PM10 (ug/m3)	PM10 (ug/m3)	PM10 (ug/m3)	PM10 (ug/m3)	PM10 (ug/m3)	PM10 (ug/m3)	PM10 (ug/m3)	PM10 (ug/m3)	PM10 (ug/m3)	PM10 (ug/m3)	PM10 (ug/m3)	PM10 (ug/m3)	PM10 (ug/m3)	PM10 (ug/m3)	PM10 (ug/m3)	PM10 (ug/m3)	PM10 (ug/m3)	PM10 (ug/m3)	PM10 (ug/m3)	PM10 (ug/m3)	PM10 (ug/m3)	PM10 (ug/m3)	PM10 (ug/m3)		
1	East Corner of Tip Floor Rollup Door	20.1	36.9	20.1	44.4	35.2	27.7	50.8	12.0	41.0	35.5	25.4	18.8	63.8	30.1	29.4	49.8	51.1	51.6	49.5	51.3	51.6	48.5	68.0	19.0	42.2				
2	Near Residual Pipe on Tip Floor	18.2	62.7	26.5	52.4	38.7	34.6	48.1	15.5	44.4	18.9	17.2	21.1	23.3	14.3	31.3	36.9	27.6	52.4	42.4	51.3	37.3	48.6	17.4	79.3	31.3	35.4			
3	Corridor Between MRF and Tip Floor (air moving from MRF to Tip Floor)	15.1	45.1	28.4	90.5	27.5	43.6	56.1	16.9	48.9	37.8	9.7	9.0	21.1	7.3	12.9	20.9	34.6	41.5	18.4	26.0	74.4	14.1	18.1	21.0	16.3	39.2			
4	Between C1450 and CSF2	14.7	52.1	14.0	59.9	38.6	90.3	56.1	18.1	48.7	18.1	16.9	19.6	27.3	14.5	25.3	41.9	33.3	25.4	19.8	15.3	43.4	20.8	16.6	29.4	10.7	31.2			
5	Near C740	25.5	51.8	14.1	43.8	39.1	23.9	53.8	23.6	85.9	21.3	19.6	28.6	17	12.3	55.8	39.4	24.4	36.9	44.2	22.5	66.3	54.0	26.2	20.0	46.1	35.8			
6	Near MRF Floor Ceiling	16.1	34.4	26.22	65.2	65.8	23.4	77.7	16.3	46.2	18.9	17.2	21.1	23.3	14.3	31.3	36.9	27.6	25.2	24.6	16.2	19.8	17.0	16.2	24.8	9.1	30.8			
7	Between C500 and Eyewash, In Front of Control Room	30	108.1	24.3	15.5	13.2	15.2	79.3	27.6	150.9	18.7	15.1	14.7	25.5	16.1	30	24.8	26.8	33.8	33.4	32.2	30.7	23.6	18.3	23.8	22.7	33.8			
8	Between D930 and C430	24.8	65.8	24.3	28.3	26.4	18.8	63.8	113.9	28.4	14.0	14.1	65.2	14.3	21.1	20.4	49.2	43.6	37.6	37.6	57.1	40.5	24.0	50.3	37.7					
9	Between D290 and D380	26.8	65.0	20.4	35.5	26.4	18.8	63.8	113.9	28.4	14.0	14.1	65.2	14.3	21.1	20.4	49.2	43.6	37.6	37.6	57.1	40.5	24.0	50.3	37.7					
10	Between D180 and D120	46.5	39.0	19.1	18.9	17.2	21.1	23.3	32.5	84.6	52.4	90.5	59.2	39.1	65.8	13.2	19.1	20.4	49.2	43.6	37.6	37.6	57.1	40.5	24.0	50.3	37.7			
11	Between M140 and D101	35.7	101.5	25.3	37.8	9.7	9.0	21.1	21.1	21.1	21.1	38.7	27.5	38.6	39.1	65.8	13.2	19.1	20.4	49.2	43.6	37.6	37.6	57.1	40.5	24.0	50.3	37.7		
12	Between Trommels	42.1	127.7	16.5	18.1	16.9	19.6	27.3	45.6	112.1	34.6	43.6	90.3	23.9	78.4	15.2	34.7	18.8	115.9	101.3	64.2	305.9	102.9	22.8	46.2	63.0	62.5			
13	Between AWS 550s	22.3	60.5	23.3	21.3	19.6	28.6	17	50.1	161.8	48.1	56.1	56.1	53.8	77.7	79.3	33.5	63.8	104.8	117.8	71.7	104.2	133.1	65.5	36.8	49.7	62.6			

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 4/21/2022

Eagle 2 used for ammonia measurements, last calibrated 4/21/2022

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

APPENDIX B - MRF BUILDING PLAN

[illegible]

OUTLINE 5 DENOTE
AREAS WHERE FUTURE
EQUIPMENT HAS LESS
THAN 7' CLEAR
HEADROOM BELOW

ALLOWABLE BUILDING AREA

SCIENTIST AND OPEN SPACE INFORMATION (ENR 6/1/91)

NOTE: MAKE FIT-UP

Sample Locations Are Approximate

NAME	SERVICE SINKS	DRAINING FOUNTAINS
53071		1-13071
53072		
53073		
5	1	1
	2	1 WATER COOLER

Floor plan of the second floor of the FBI building. The plan shows a central corridor connecting various rooms. The rooms and their numbers are as follows:

- OFFICE 1: 206
- OFFICE 2: 207
- OFFICE 3: 208
- CONFERENCE: 209
- JAIL: 203
- LOBBY: 204
- OPEN OFFICE: 205
- STAIR LOBBY: 202
- INTERIOR STAIR: 200
- STAIR 36
- STAIR 35
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③ MEZZANINE 2 EXISTING PLAN
1/4" = 1'-0"

MRF
MATERIAL RECOVERY FACILITY
383 TAJIGUAS LANDFILL ROAD
GOLETA, CA
TAJIGUAS RESOURCE
RECOVERY PROJECT



DIANI
COMPANIES

381 NORTH BLOSSER ROAD
PO BOX 8787
SANTA MARGA, CA 93458 - 8787
(805) 825-8533
FAX (805) 828-2160

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

330 Acacia Place
Arroyo Grande, CA 93420
(805) 473-2773
gusdick@ymarchitect.com

GARY W. MARRIOTT, ARCHITECT

[illegible]

FIT-UP PERMIT - EVERYTHING EXCEPT:
 - FOUNDATIONS
 - CONCRETE BUILDING WALLS
 - METAL BUILDING AND SIDING

PERMIT NO: 19REV-00345

1	Address	PC 2	DATE/08
2	Particulars	7	8/3/19
NO	DESCRIPTION	DATE	BY
REVISIONS			

STATUS	REVISION
DATE	AS/13
PROJECT NO:	110701

SHEET NAME
EXITING PLANS

DO NOT

G200



17 Corporate Plaza Drive, Suite 200
Newport Beach, CA 92660
O: 805.259.9499

October 15, 2022

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-R

**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 1, 2021 in connection with H.B. Case No. 2021-12-R we offer the following request:

Our air quality consultant, AECOM, worked closely with the District engineers over the past 12 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.

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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 through September 30, 2022 (i.e., a 5-month lookback).

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

Sincerely,

MSB Investors, LLC

A handwritten signature in black ink, appearing to read "John Dewey", is written over a horizontal line.

John Dewey
CEO & Managing Member

APPENDIX A - MRF INDOOR AIR SAMPLING

Facility Emissions During Operations Without Operational Blowers and Baghouses

MSW	Point	Location Description	Friday (4/1/22)	Friday (4/8/22)	Friday (4/15/22)	Friday (4/22/2022)	Friday (4/29/23)	Friday (5/6/22)	Friday (5/13/22)	Friday (5/20/22)	Friday (5/27/22)	Friday (6/3/22)	Friday (6/10/22)	Friday (6/17/22)	Friday (6/24/22)	Friday (6/30/22)	Friday (7/5/22)	Friday (7/22/2022)	Friday (7/29/2022)	Friday (8/5/22)	Friday (8/12/2022)	Friday (8/19/2022)	Friday (8/26/2022)	Friday (9/2/22)	Friday (9/9/2022)	Friday (9/16/2022)	Friday (9/23/2022)	Friday (9/30/2022)	4/1/22 - 9/30/22	
			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)	H2S (ppmv)	H2S (ppmv)	H2S (ppmv)	H2S (ppmv)	H2S (ppmv)	H2S (ppmv)	H2S (ppmv)
1	1	East Corner of Tip Floor Rollup Door	0.003	0.004	0.009	0.011	0.011	0.003	0.004	0.003	0.004	0.005	0.003	0.004	0.008	0.011	0.006	0.025	0.003	0.008	0.009	0.007	0.007	0.024	0.010	0.015	0.010	0.001	0.008	
1	2	Near Residual Pile on Tip Floor	0.004	0.003	0.006	0.023	0.011	0.004	0.003	0.002	0.004	0.006	0.006	0.004	0.004	0.005	0.005	0.035	0.004	0.004	0.007	0.006	0.013	0.007	0.008	0.007	0.026	0.010	0.008	
1	3	Corridor Between MRF and Tip Floor (air moving from MRF to Tip Floor)	0.003	0.002	0.005	0.014	0.009	0.009	0.006	0.005	0.003	0.006	0.004	0.004	0.007	0.001	0.006	0.023	0.003	0.001	0.004	0.003	0.009	0.006	0.006	0.002	0.006	0.006	0.006	
2	4	Between C1450 and C520	0.004	0.004	0.003	0.010	0.005	0.012	0.005	0.004	0.003	0.002	0.002	0.003	0.004	0.001	0.002	0.001	0.004	0.002	0.003	0.002	0.007	0.005	0.004	0.002	0.005	0.006	0.004	
2	5	Near C740	0.005	0.006	0.006	0.007	0.006	0.002	0.009	0.003	0.004	0.006	0.004	0.005	0.004	0.004	0.001	0.003	0.002	0.004	0.003	0.001	0.013	0.003	0.006	0.004	0.006	0.004	0.005	
2	6	Near MRF Floor Sump	0.003	0.006	0.004	0.010	0.006	0.009	0.006	0.005	0.003	0.003	0.003	0.002	0.004	0.001	0.004	0.003	0.003	0.003	0.003	0.004	0.015	0.005	0.004	0.004	0.006	0.006	0.005	
1	7	Between C500 and Eyewash, In Front of Control Room	0.004	0.004	0.004	0.020	0.008	0.004	0.006	0.009	0.004	0.005	0.003	0.004	0.008	0.001	0.004	0.003	0.003	0.003	0.003	0.001	0.012	0.003	0.006	0.004	0.006	0.006	0.005	
2	8	Between D930 and C980	0.004	0.008	0.004	0.009	0.007	0.003	0.004	0.003	0.004	0.005	0.003	0.004	0.008	0.001	0.004	0.003	0.003	0.003	0.003	0.005	0.002	0.014	0.006	0.007	0.004	0.006	0.009	0.005
2	9	Between D290 and D430	0.003	0.008	0.005	0.012	0.006	0.004	0.003	0.002	0.004	0.006	0.006	0.004	0.004	0.001	0.002	0.004	0.001	0.002	0.003	0.001	0.012	0.003	0.006	0.004	0.006	0.006	0.005	
2	10	Between D180 and D120	0.004	0.005	0.005	0.013	0.005	0.009	0.006	0.005	0.003	0.006	0.004	0.004	0.009	0.002	0.002	0.004	0.001	0.004	0.003	0.002	0.013	0.002	0.005	0.004	0.007	0.006	0.005	0.005
2	11	Between M140 and D101	0.006	0.004	0.006	0.021	0.005	0.011	0.023	0.014	0.010	0.007	0.010	0.020	0.029	0.005	0.001	0.004	0.002	0.003	0.004	0.002	0.009	0.001	0.006	0.001	0.007	0.006	0.008	0.008
2	12	Between Trommels	0.006	0.004	0.004	0.020	0.009	0.028	0.018	0.013	0.013	0.048	0.014	0.032	0.007	0.009	0.006	0.005	0.004	0.004	0.005	0.003	0.025	0.004	0.007	0.005	0.023	0.010	0.013	
2	13	Between AWS 550s	0.004	0.003	0.004	0.021	0.009	0.011	0.011	0.009	0.005	0.006	0.006	0.008	0.007	0.008	0.008	0.003	0.001	0.003	0.003	0.004	0.009	0.002	0.006	0.001	0.012	0.006	0.007	0.007

MSW	Point	Location Description	NH3 (ppmv)	NH3 (ppmv)	NH3 (ppmv)	NH3 (ppmv)	NH3 (ppmv)	NH3 (ppmv)	NH3 (ppmv)	NH3 (ppmv)	NH3 (ppmv)	NH3 (ppmv)	NH3 (ppmv)	NH3 (ppmv)	NH3 (ppmv)	NH3 (ppmv)	NH3 (ppmv)	NH3 (ppmv)	NH3 (ppmv)	NH3 (ppmv)	NH3 (ppmv)	NH3 (ppmv)	NH3 (ppmv)	NH3 (ppmv)	NH3 (ppmv)	NH3 (ppmv)	NH3 (ppmv)	NH3 (ppmv)	NH3 (ppmv)
1	1	East Corner of Tip Floor Rollup Door	0.000	0.500	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	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.019
1	2	Near Residual Pile on 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	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.019
1	3	Corridor Between MRF and Tip Floor (air moving from MRF to Tip Floor)	0.500	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	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.058
2	4	Between C1450 and C520	0.000	0.000	0.500	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	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	0.019
2	5	Near C740	0.500	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	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.019
1	6	Near MRF Floor Sump	0.000	0.500	0.000	0.000	0.000	0.000	0.500	0.000	0.500	0.000	0.000	0.500	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.096
2	7	Between C500 and Eyewash, In Front of Control Room	0.000	0.000	0.000	0.000	0.000	0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.500	0.000	0.000	0.000	0.000	0.000	0.173
2	8	Between D930 and C980	0.000	0.000	0.000	0.000	0.000	0.000	0.500	0.000	0.500	0.000	0.500	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.500	0.000	0.000	0.000	0.000	0.000	0.058
2	9	Between D290 and D430	1.000	0.000	1.000	0.000	0.000	0.500	0.000	0.000	0.000	0.000	0.500	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.000	0.000	0.000	0.000	0.000	0.000	0.000	0.154
2	10	Between D180 and D120	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.500	0.000	0.500	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.500	0.000	1.500	0.000	0.000	0.000	0.000	0.000	0.135
2	11	Between M140 and D101	0.500	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.500	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.000	0.000	0.500	0.000	0.000	0.000	0.000	0.000	0.096
2	12	Between Trommels	0.500	0.050	0.000	0.000	0.500	0.000	0.500	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.000	0.000	0.500	0.000	0.500	0.000	0.000	0.000	0.000	0.329
2	13	Between AWS 550s	0.000	0.000	0.000	0.000	1.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.500	1.000	0.000	0.500	0.000	0.500	0.000	1.500	0.500	0.000	0.000	0.000	0.000	0.192

MSW	Point	Location Description	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)	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)	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)	PM2.5 (ug/m3)	PM2.5 (ug/m3)	PM2.5 (ug/m3)
1	1	East Corner of Tip Floor Rollup Door	57.9	35.2	37.1	16.7	27.0	25.2	6.4	6.3	13.3	4.7	8.2	17.7	21.7	19.8	22.4	46.7	33.2	42.6	29.2	40.7	13.6	44.9	22.2	59.3	34.8	27.1	27.5
1	2	Near Residual Pile on Tip Floor	16.7	34.5	9.3	17.1	28.7	11.8	11.4	13.3	17.8	10.0	17.0	25.7	20.4	21.5	31.4	29.2	22.2	26.6	10.5	46.3	10.9	26.3	23.6	25.0	42.8	63.9	23.6
1	3	Corridor Between MRF and Tip Floor (air moving from MRF to Tip Floor)	50.2	49.9	17	15.6	30.6	14.1	13.3	18.7	10.8	8	34.8	23.1	15.3	31.0	18.7	16.5	40.4	10.1	11.8	13.7	10.7	20.9	22.4	24.6	14.3	27.8	21.7
2	4	Between C1450 and C520	9.5	46.4	9.1	11.7	32.6	13.7	9.8	12.7	11.8	9.2	20.1	24.0	19.7	16.7	15.4	10.0	27.6	13.5	10.9	16.1	12.0	31.5	20.3	28.4	16.9	25.7	18.3
2	5	Near C740	10.3	14.5	11.1	14.4	54.9	12.2	8.7	10	16.5	9.2	19.3	16.7	17.2	22.4	34.5	15.0	40.4	36.2	18.8	13.4	27.3	31.7	16.7	34.5	27.2	28.0	21.6
1	6	Near MRF Floor Sump	12.5	42.3	19.9	14.8	31.3	38.4	27.1	33.2	33.9	22.7	67.1	42.4	51.9	19.6	16.8	11.0	13.0	11.5	10.8	16.6	6.2	51.4	15.1	23.7	19.1	17.1	25.7
2	7	Between C500 and Eyewash, In Front of Control Room	51.4	49.0	52.1	19.7	95.1	24.8	40.5	10.5	12.5	23.6	31.3	38.5	48.9	26.8	22.4	20.8	19.5	15.4	11.4	15.2	14.1	29.1	17.9	39.7	22.9	43.2	30.6
2	8	Between D930 and C980	74.3	72.4	61.8	22.3	59.9	24.7	42.2	8.5	9.9	27.3	26.6	30.6	48.8	15.7	19.5	13.3	32.4	18.4	13.3	20.2	25.2	32.6	17.4	34.2	34.0	30.9	31.4
2	9	Between D290 and D430	72.8	81.4	67.2	21.6	72.3	16.7	50.2	9.5	10.3	12.5	51.4	74.3	72.8	38.8	34.6	29.1	47.7	34.0	25.4	16.8	31.2	37.2	22.9	42.2	34.7	32.6	40.0
2	10	Between D180 and D120	16.2	95.7	14.3	24.5	34.9	34.5	49.9	46.4	14.5	42.3	49.0	72.4	81.4	45.4	48.2	42.0	49.7	42.3	25.6	21.8	41.7	45.3	17.9	337.3	36.4	35.4	33.3
2	11	Between M140 and D101	25.5	23.6	22.3	27.2	55.2	9.3	17	9.1	11.1	19.9	52.1	61.8	67.2	55.8	44.8	118.3	52.3	49.0	25.0	25.0	23.2	44.2	25.0	36.1	37.3	48.5	38.3
2	12	Between Trawls	42.2	40.8	37.6	26.1	70.6	17.1	15.6	11.7	14.4	14.8	19.7	22.3	21.6	88.5	72.4	40.9	181.5	66.9	14.1	28.4	37.4	52.3	20.1	50.6	54.8	49.3	42.8
2	13	Between A50 S50s	33.1	42.2	18.2	22.8	100.5	26.3	18.6	16.3	21.5	18.1	23.5	18.4	19.5	76.4	69.8	46.7	64.5	85.8	39.9	23.7	30.1	63.0	23.7	50.2	57.5	53.1	40.9

[illegible]

NOTE: ALL AREAS IN TABLE DOUBLE CHECKED PRIOR TO GENERATING MINIMUM PLUMBING FIXTURES COUNT TABLE BELOW

PERMITTER AND OPEN SPACE INFORMATION (CBC 508)

DATE: _____

Point	Location Description	Hydrogen Sulfide Measurement, ppm	Ammonia Measurement, ppm
1	East Corner of Tip Floor Rollup Door	0.006	0.0
2	Near Residual Pile on Tip Floor	0.005	0.0
3	Cooridor Between MRF and Tip Floor (air moving from MRF to Tip Floor)	0.002	0.0
4	Between C1450 and C520	0.002	0.0
5	Near C740	0.003	0.0
6	Near MRF Floor Sump	0.003	0.0
7	Between C500 and Eyewash, In Front of Control Room	0.002	0.0
8	Between T930 and C980	0.003	0.0
9	Between T290 and T930	0.006	0.0
10	Between T180 and T120	0.003	0.0
11	Between M140 and D101	0.006	0.0
12	Between Trommels	0.007	0.0
13	Between AWS 550s	0.003	0.0
14	Tip Floor Scrubber Inlet (at pressure transmitter)	0.020	0.0

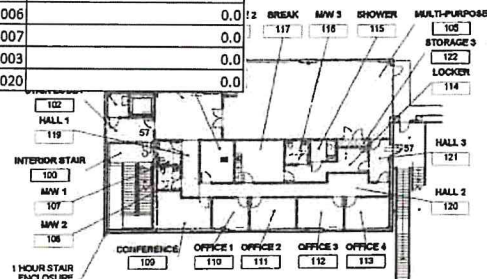
- The facility was running MSW
- Most of the rollup doors were open
- The MRF abstraction fans were off
- The Tip Floor abstraction fans were on at 30 Hz
- Jerome 631-x used for hydrogen sulfide measurements
- Eagle 2 used for ammonia measurements

NO.	SERVICE SINKS	DRAININGS *
CHIMNEY		FOUNTAINS
PSD:1		1-250:1
PSD:2		
200:1		
1	1	1
	2	1 WATER COCKLE

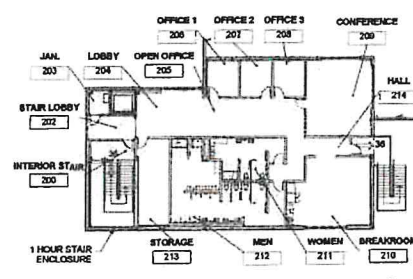
THE SORT FLOOR HAS FLOOR DRAINS. WATER LINES SERVED BY RECYCLED WATER WILL BE RUN OVERHEAD ON THE SORTING EQUIPMENT, AGAIN A SERVICE SHIRTS WOULD NOT BE APPROPRIATE.

[illegible]

Sample Locations Are Approximate



② MEZZANINE 1 EXISTING PLAN
1/16" = 1'-0"



(3) MEZZANINE 2 EXISTING PLAN
1/8" = 1'-0"

MRF
MATERIAL RECOVERY FACILITY
363 TAJIGUAS LANDFILL ROAD
GOLETA, CA
TAJIGUAS RESOURCE
RECOVERY PROJECT



DIANI
COMPANIES

381 NORTH BLOSSER ROAD
PO BOX 5787
SANTA MARIA, CA 93458 - 5787
(805) 825-8633
FAX (805) 825-2160

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



GARY W. MADJEDI, ARCHITECT



FIT-UP PERMIT - EVERYTHING EXCEPT:
- FOUNDATIONS
- CONCRETE BUILDING WALLS
- METAL BUILDING AND SIDING

PERMIT NO: 19REV-00345

REVISIONS			
NO	DESCRIPTION	DATE	BY
1	As shown	12/1/18	
2	Per Note 2	12/1/18	

STATUS	REVIEW
DATE	8/8/19
PROJECT NO.	150201

SHEET NAME
EXITING PLANS

CONCLUSIONS

G200



17 Corporate Plaza Drive, Suite 200
Newport Beach, CA 92660
O: 805.259.9499

November 15, 2022

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-R

**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 1, 2021 in connection with H.B. Case No. 2021-12-R we offer the following request:

Our air quality consultant, AECOM, worked closely with the District engineers over the past 12 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.

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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 May through October 28, 2022 (i.e., a 5-month lookback).

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

Sincerely,

MSB Investors, LLC

A handwritten signature in black ink, appearing to read "John Dewey".

John Dewey
CEO & Managing Member

APPENDIX A - MRF INDOOR AIR SAMPLING

Facility Emissions During Operations Without Operational Biofilters and Baghouses		Friday (5/6/22)	Friday (5/13/22)	Friday (5/20/22)	Friday (5/27/22)	Friday (6/3/22)	Friday (6/10/22)	Friday (6/17/22)	Friday (6/24/22)	Friday (7/1/22)	Friday (7/8/22)	Friday (7/15/22)	Friday (7/22/22)	Friday (7/29/22)	Friday (8/5/22)	Friday (8/12/22)	Friday (8/19/22)	Friday (8/26/22)	Friday (9/2/22)	Friday (9/9/22)	Friday (9/16/22)	Friday (9/23/22)	Friday (9/30/22)	Friday (10/7/22)	Friday (10/14/22)	Friday (10/21/22)	Friday (10/28/22)	5/6/22 - 10/28/22
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)	H2S (ppmv)	H2S (ppmv)	H2S (ppmv)	H2S (ppmv)	H2S (ppmv)	H2S (ppmv)
1	1 East Corner of Tip Floor Rollup Door	0.003	0.004	0.003	0.004	0.005	0.003	0.004	0.008	0.011	0.006	0.025	0.003	0.008	0.009	0.007	0.007	0.024	0.010	0.015	0.010	0.001	0.005	0.001	0.008	0.008	0.008	0.008
1	2 Near Residual Pile on Tip Floor	0.004	0.003	0.002	0.004	0.006	0.006	0.004	0.004	0.005	0.005	0.035	0.004	0.004	0.007	0.006	0.013	0.007	0.008	0.007	0.026	0.010	0.007	0.009	0.006	0.007	0.008	
1	3 Corridor Between MRF and Tip Floor (air moving from MRF to Tip Floor)	0.009	0.006	0.005	0.003	0.006	0.004	0.004	0.007	0.001	0.006	0.023	0.003	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	0.006	0.006
2	4 Between C1450 and C520	0.012	0.005	0.004	0.003	0.002	0.002	0.003	0.004	0.001	0.002	0.001	0.004	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	0.004	
2	5 Near C740	0.002	0.009	0.003	0.004	0.006	0.004	0.005	0.004	0.004	0.001	0.002	0.003	0.002	0.004	0.003	0.001	0.013	0.003	0.006	0.004	0.007	0.006	0.004	0.002	0.005	0.005	
2	6 Near MRF Floor Sump	0.009	0.006	0.005	0.003	0.006	0.004	0.004	0.000	0.003	0.004	0.002	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	0.003	0.005	
2	7 Between C500 and Eyewash, In Front of Control Room	0.004	0.006	0.000	0.004	0.005	0.003	0.003	0.002	0.004	0.003	0.005	0.004	0.003	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	0.005
2	8 Between D930 and C980	0.003	0.004	0.003	0.004	0.005	0.003	0.004	0.004	0.001	0.002	0.004	0.001	0.003	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	0.005
2	9 Between D290 and D430	0.004	0.003	0.002	0.004	0.006	0.006	0.004	0.004	0.008	0.001	0.004	0.003	0.003	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	0.005
2	10 Between D180 and D120	0.009	0.006	0.005	0.003	0.006	0.004	0.004	0.009	0.002	0.002	0.004	0.001	0.003	0.003	0.001	0.012	0.003	0.006	0.004	0.006	0.006	0.007	0.006	0.006	0.003	0.003	0.005
2	11 Between M140 and D101	0.011	0.023	0.014	0.010	0.007	0.010	0.020	0.029	0.005	0.001	0.004	0.002	0.003	0.003	0.002	0.013	0.002	0.005	0.004	0.007	0.006	0.006	0.006	0.006	0.003	0.003	0.005
2	12 Between Trommels	0.028	0.018	0.013	0.013	0.048	0.014	0.032	0.007	0.009	0.006	0.005	0.004	0.004	0.005	0.003	0.025	0.004	0.007	0.005	0.007	0.006	0.003	0.003	0.003	0.003	0.003	0.008
2	13 Between AWS 550s	0.011	0.011	0.009	0.005	0.006	0.006	0.008	0.012	0.008	0.008	0.003	0.001	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	0.007	0.013
MSW	Point Location Description	NH3 (ppmv)	NH3 (ppmv)	NH3 (ppmv)	NH3 (ppmv)	NH3 (ppmv)	NH3 (ppmv)	NH3 (ppmv)	NH3 (ppmv)	NH3 (ppmv)	NH3 (ppmv)	NH3 (ppmv)	NH3 (ppmv)	NH3 (ppmv)	NH3 (ppmv)	NH3 (ppmv)	NH3 (ppmv)	NH3 (ppmv)	NH3 (ppmv)	NH3 (ppmv)	NH3 (ppmv)	NH3 (ppmv)	NH3 (ppmv)	NH3 (ppmv)	NH3 (ppmv)	NH3 (ppmv)	NH3 (ppmv)	NH3 (ppmv)
1	1 East Corner of Tip Floor Rollup Door	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	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.019
1	2 Near Residual Pile on 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	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.058
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	0.000	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	0.000	0.000	0.019
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	0.000	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	0.000	0.000	0.019
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	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.019
2	6 Near MRF Floor Sump	0.000	0.500	0.000	0.500	0.000	0.000	0.500	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.096
2	7 Between C500 and Eyewash, In Front of Control Room	0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.000	0.000	0.000	0.000	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	0.173
2	8 Between D930 and C980	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	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.058
2	9 Between D290 and D430	0.000	0.000	0.000	0.500	0.000	0.500	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	0.000	0.000	0.000	0.000	0.000	0.000	0.154
2	10 Between D180 and D120	0.000	0.000	0.000	0.500	0.000	0.500	0.000	0.000	0.000	0.500	0.000	0.000	0.000	0.000	0.500	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.500	0.000	0.000	0.000	0.135
2	11 Between M140 and D101	0.000	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	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.500	0.000	0.000	0.000	0.096
2	12 Between Trommels	0.500	1.000	0.000	0.000	0.000	0.000	0.500	0.000	1.000	1.000	0.000	0.500	0.500	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.500	0.500	0.000	0.500	0.329
2	13 Between AWS 550s	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.500	1.000	0.000	0.000	0.000	0.000	0.500	0.000	0.500	0.000	0.000	0.000	0.000	0.000	0.000	0.500	0.000	0.000	0.500	0.192
MSW	Point Location Description	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)	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)	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)	PM2.5 (ug/m3)	PM2.5 (ug/m3)	PM2.5 (ug/m3)
1	1 East Corner of Tip Floor Rollup Door	25.2	6.4	6.3	13.3	4.7	8.2	17.7	19.8	22.4	46.7	33.2	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	27.5	23.6	23.6
1	2 Near Residual Pile on Tip Floor	11.8	11.4	13.3	17.8	10.0	17.0	25.7	20.4	21.5	31.4	29.2	22.2	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	23.6	23.6
1	3 Corridor Between MRF and Tip Floor (air moving from MRF to Tip Floor)	14.1	13.3	18.7	10.8	8	34.8	23.1	15.3	31.0	18.7	16.5	40.4	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	21.7	21.7
2	4 Between C1450 and C520	13.7	9.8	12.7	11.8	9.2	20.1	24.0	19.7	16.7	15.4	10.0	27.6	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	18.3	18.3
2	5 Near C740	12.2	8.7	10	16.5	9.2	19.3	16.7	17.2	22.4	34.5	15.0	40.4	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	21.6	21.6
2	6 Near MRF Floor Sump	38.4	27.1	33.2	33.9	22.7	67.1	42.4	51.9	19.6	16.8	11.0	13.0	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	25.7	25.7
2	7 Between C500 and Eyewash, In Front of Control Room	24.8	40.5	10.5	12.5	22.6	31.3	38.5	48.9	26.8	22.4	20.8	19.5	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	30.6	30.6
2	8 Between D930 and C980	24.7	42.2	8.5	9.9	27.3	26.6	30.6	48.8	15.7	19.5	13.3	32.4	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	31.4	31.4
2	9 Between D290 and D430	16.7	50.2	9.5	10.3	12.5	51.4	74.3	72.8	38.8	34.6	29.1	47.7	34.0	25.4	16.8	31.2	37.2	22.9	42.2	34.7	32.6	76.3	29.6	49.1	30.5	40.0	40.0
2	10 Between D180 and D120	34.5	49.9	46.4	14.5	42.3	49.0	72.4	81.4	45.4	48.2	42.0	49.7	42.3	25.6	21.8	41.7	45.3	17.9	337.3	36.4	35.4	80.7	38.2	62.3	35.7	53.3	53.3
2	11 Between M140 and D101	9.3	17	9.1	11.1	19.9	52.1	61.8	67.2	55.8	54.8	118.3	52.3	49.0	25.0	23.2	44.2	25.0	36.1	37.3	48.5	98.1	29.9	54.7	41.8	38.3	38.3	38.3
2	12 Between Trommels	17.1	15.6	11.7	14.4	14.8	19.7	22.3	2																			

BUILDING AREA TABULATION

NO.	DESCRIPTION	OCCUPANCY	NON OCCUPIED	OFFICES (B)	FACTORY (F-1)	STORAGE (S)	SF/OCC	OCCUPANT COUNT	B OCCUPANTS	F & S OCCUPANTS
1	INTERIOR STAIR	1								
2	INTERIOR STAIR	1								
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