



January 15, 2023

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

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

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

Aimee:

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

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

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

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

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

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

Sincerely,

MSB Investors, LLC

A handwritten signature in blue ink that reads "John Dewey". The signature is fluid and cursive, with the first name "John" and last name "Dewey" clearly legible.

John Dewey
CEO & Managing Member

APPENDIX A - MRF INDOOR AIR SAMPLING

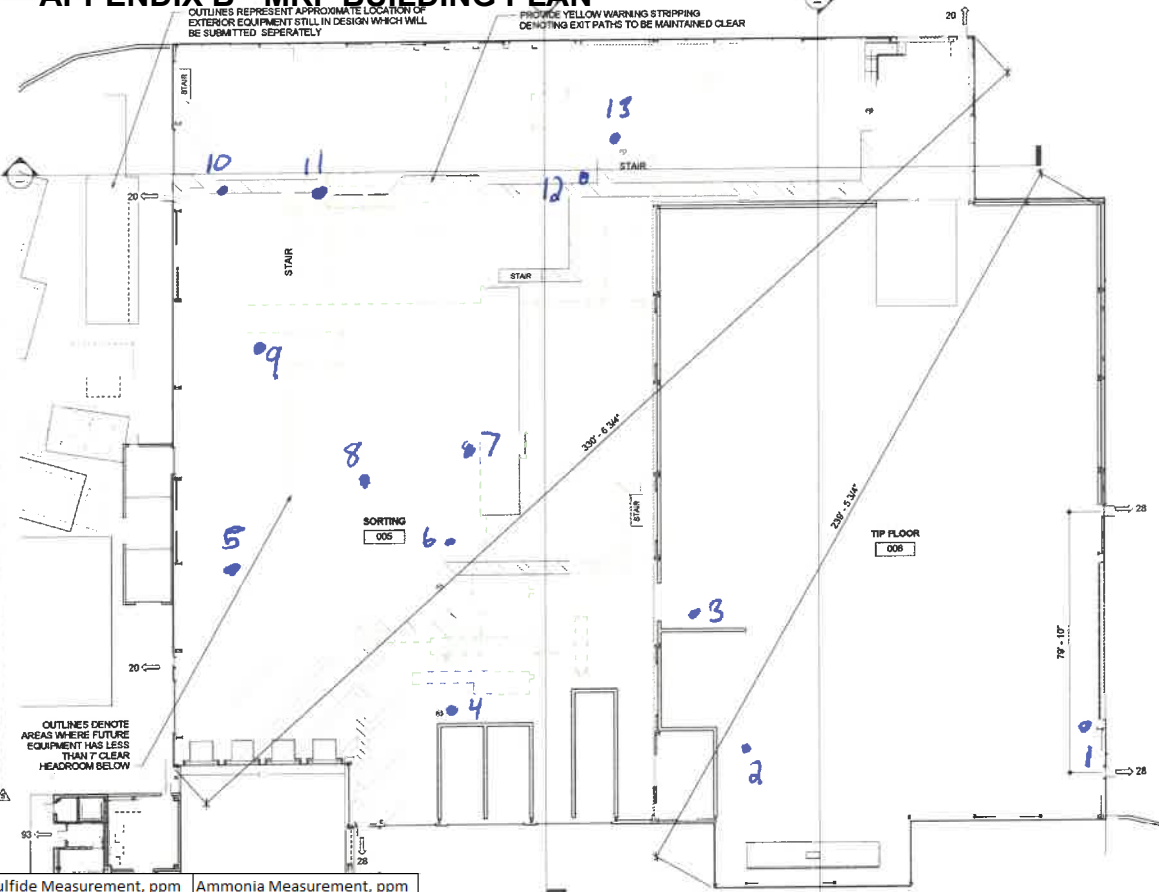
Facility Emissions During Operations Without Operational Biofilters and Baghouses		Friday (8/5/22)	Friday (8/12/2022)	Friday (8/19/2022)	Friday (8/26/2022)	Friday (9/2/22)	Friday (9/9/2022)	Friday (9/16/2022)	Friday (9/23/2022)	Friday (9/30/2022)	Friday (10/7/22)	Friday (10/14/202)	Friday (10/21/202)	Friday (10/28/202)	Friday (11/4/22)	Friday (11/11/22)	Friday (11/18/22)	Friday (11/25/22)	Friday (12/2/22)	Friday (12/9/22)	Friday (12/16/22)	Friday (12/23/22)	Friday (12/30/22)	8/1/22 12/30/22
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)
1	1	East Corner of Tip Floor Rollup Door	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	0.007	0.019	0.013	0.009	0.006	0.009	0.003	0.006	0.009
1	2	Near Residual Pile on Tip Floor	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	0.013	0.018	0.010	0.018	0.006	0.007	0.007	0.006	0.010
1	3	Corridor Between MRF and Tip Floor (air moving from MRF to Tip Floor)	0.001	0.004	0.003	0.009	0.006	0.006	0.002	0.006	0.006	0.006	0.010	0.006	0.006	0.009	0.015	0.008	0.006	0.006	0.006	0.009	0.004	0.006
2	4	Between C1450 and C520	0.002	0.003	0.002	0.007	0.005	0.004	0.002	0.005	0.006	0.002	0.005	0.001	0.002	0.007	0.007	0.007	0.004	0.003	0.008	0.006	0.002	0.004
2	5	Near C740	0.004	0.003	0.001	0.013	0.003	0.006	0.004	0.006	0.004	0.007	0.006	0.004	0.002	0.013	0.007	0.007	0.004	0.002	0.004	0.005	0.004	0.005
1	6	Near MRF Floor Sump	0.003	0.006	0.003	0.007	0.004	0.006	0.002	0.007	0.004	0.004	0.003	0.004	0.003	0.007	0.011	0.006	0.003	0.004	0.004	0.005	0.003	0.005
2	7	Between C500 and Eyewash, In Front of Control Room	0.003	0.005	0.002	0.014	0.006	0.006	0.004	0.006	0.006	0.006	0.005	0.003	0.014	0.010	0.007	0.006	0.005	0.005	0.006	0.006	0.004	0.006
2	8	Between D930 and C980	0.003	0.003	0.004	0.015	0.005	0.004	0.004	0.007	0.005	0.006	0.006	0.003	0.003	0.015	0.008	0.007	0.004	0.004	0.005	0.005	0.004	0.006
2	9	Between D290 and D430	0.003	0.003	0.001	0.012	0.003	0.006	0.004	0.006	0.006	0.007	0.006	0.003	0.003	0.012	0.007	0.006	0.004	0.004	0.004	0.005	0.004	0.005
2	10	Between D180 and D120	0.004	0.003	0.002	0.013	0.002	0.005	0.004	0.007	0.006	0.006	0.006	0.003	0.003	0.013	0.008	0.006	0.004	0.003	0.005	0.006	0.004	0.005
2	11	Between M140 and D101	0.003	0.004	0.002	0.009	0.001	0.006	0.001	0.007	0.006	0.006	0.004	0.004	0.003	0.009	0.009	0.006	0.003	0.005	0.004	0.006	0.004	0.005
2	12	Between Trommels	0.004	0.005	0.003	0.025	0.004	0.007	0.005	0.023	0.010	0.009	0.007	0.005	0.003	0.025	0.014	0.007	0.004	0.006	0.006	0.007	0.005	0.009
2	13	Between AWS 550s	0.003	0.003	0.004	0.009	0.002	0.006	0.001	0.012	0.006	0.006	0.005	0.003	0.006	0.009	0.015	0.006	0.003	0.005	0.006	0.009	0.004	0.006
																								0.006
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)
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	1.0	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.071
1	2	Near Residual Pile on Tip Floor	0.000	0.000	0.500	0.000	0.000	0.000	0.000	0.500	0.000	0.000	0.500	0.000	0.500	0.000	1.0	0.0	0.0	0.5	0.0	0.5	0.0	0.190
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	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.024
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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.024
2	5	Near C740	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.5	0.048
1	6	Near MRF Floor Sump	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.500	0.000	0.000	0.000	1.0	0.0	0.0	0.0	0.0	0.5	0.0	0.095
2	7	Between C500 and Eyewash, In Front of Control Room	0.000	0.000	0.000	0.500	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.500	0.0	0.0	0.0	0.0	0.0	0.5	0.0	0.071
2	8	Between D930 and C980	0.000	0.000	0.000	0.500	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.500	0.0	0.0	0.0	0.0	0.0	0.5	1.0	0.119
2	9	Between D290 and D430	0.000	0.000	0.000	1.000	0.000	0.000	0.000	0.000	0.000	0.500	0.000	0.000	0.000	1.000	0.5	0.0	0.0	0.0	0.0	1.0	0.5	0.214
2	10	Between D180 and D120	0.000	0.500	0.000	1.500	0.000	0.000	0.000	0.000	0.000	0.500	0.000	0.000	1.500	0.5	0.0	0.0	0.0	0.0	0.0	1.0	0.5	0.310
2	11	Between M140 and D101	1.000	0.000	0.000	0.500	0.000	0.000	0.000	0.000	0.000	0.500	0.500	0.000	0.500	1.0	0.5	0.0	1.0	1.0	0.5	1.0	0.5	0.381
2	12	Between Trommels	0.500	0.000	0.000	1.500	0.500	0.000	0.000	0.000	0.500	0.500	0.000	0.500	1.500	1.5	0.0	0.0	0.5	0.0	0.5	0.0	0.5	0.405
2	13	Between AWS 550s	0.000	0.500	0.000	0.500	1.500	0.000	0.000	0.000	0.000	0.500	0.000	0.500	0.500	2.0	0.5	0.0	1.0	1.0	0.5	1.0	0.5	0.452
																								0.185
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)
1	1	East Corner of Tip Floor Rollup Door	42.6	29.2	40.7	13.6	44.9	22.2	59.3	34.8	27.1	29.3	22.0	52.0	66.8	13.6	20.2	25.3	19.2	16.0	39.2	13.0	20.9	31.0
1	2	Near Residual Pile on Tip Floor	26.6	10.5	46.3	10.9	26.3	23.6	25.0	42.8	63.9	55.3	33.5	71.1	59.2	10.9	17.9	23.8	13.8	11.3	30.2	13.3	17.7	30.2
1	3	Corridor Between MRF and Tip Floor (air moving from MRF to Tip Floor)	10.1	11.8	13.7	10.7	20.9	22.4	24.6	14.3	27.8	35.2	14.5	41.6	19.4	10.7	15.5	11.0	5.9	7.7	32.9	11.8	12.5	17.9
2	4	Between C1450 and C520	13.5	10.9	16.1	12.0	31.5	20.3	28.4	16.9	25.7	18.2	20.2	34.0	9.6	12.0	12.7	16.5	6.5	8.2	19.7	13.9	17.1	17.3
2	5	Near C740	36.2	18.8	13.4	27.3	31.7	34.5	27.2	28.0	32.7	26.4	48.0	21.6	27.3	30.6	24.0	15.6	11.6	27.3	12.9	21.9	25.4	25.4
1	6	Near MRF Floor Sump	11.5	10.8	16.6	6.2	51.4	15.1	23.7	19.1	17.1	27.2	11.3	38.1	11.5	6.2	6.5	9.1	4.3	5.5	7.1	7.6	21.4	15.6
2	7	Between C500 and Eyewash, In Front of Control Room	15.4	11.4	15.2	14.1	29.1	17.9	39.7	22.9	43.2	56.4	18.1	45.0	17.9	14.1	21.5	14.1	10.5	7.6	29.6	12.2	22.5	22.8
2	8	Between D930 and C980	18.4	13.3	20.2	25.2	32.6	17.4	34.2	34.0	30.9	41.2	24.7	46.3	23.1	25.2	25.7	19.7	13.7	5.7	27.9	14.2	20.6	24.5
2	9	Between D290 and D430	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	31.2	31.0	15.8	20.5	16.5	27.6	23.5	30.5	31.4
2	10	Between D180 and D120	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	41.7	29.3	23.2	23.1	12.4	28.6	23.6	26.2	49.0
2	11	Between M140 and D101	49.0	25.0	25.0	23.2	44.2	25.0	36.1	37.3	48.5	98.1	29.9	54.7	41.8	23.2	41.7	24.5	18.6	24.6	29.2	22.9	23.3	35.5
2	12	Between Trommels	66.9	14.1	28.4	37.4	52.3	20.1	50.6	54.8	49.3	85.8	38.3	44.1	50.1	37.4	34.2	19.4	24.1	14.4	27.2	17.9	27.2	37.8
2	13	Between AWS 550s	85.8	39.9	23.7	30.1	63.0	23.7	50.2	57.5	53.1	53.7	30.2	50.1	63.7	30.1	47.4	20.4	25.0	22.4	27.5	25.8	26.5	40.5
																								29.1
MSW	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	1	East Corner of Tip Floor Rollup Door	73.7	48.5	68.0	19.0	73.7	33.0	90.4	54.1	35.8	46.9	30.8	83.0	111.8	19.0	30.7	36.3	28.5	25.2	56.0	17.3	30.4	48.2
1	2	Near Residual Pile on Tip Floor	48.6	17.4	79.3	17.1	41.7	36.2	41.2	69.3	108.7	91.0	52.4	114.2	100.4	17.1	27.9	36.6	22.4	18.3	46.4	19.6	26.9	49.2
1	3	Corridor Between MRF and Tip Floor (air moving from MRF to Tip Floor)	14.1	18.1	21.0	16.3	32.1	34.5	37.2	20.3	46.6	56.3	23.0	64.2	31.4	16.3	23.6	16.1	7.9	10.6	52.9	16.8	18.4	27.5
2	4	Between C1450 and C520	20.8	16.6	29.4	18.7	46.9	31.4	41.6	24.5	40.8	30.6	30.8	51.0	14.2	18.7	19.4	24.8	8.8	12.0	29.9	20.6	24.0	26.5
2	5	Near C740	54.0	26.2	20.0	46.1	49.8	24.6	51.5	41.0	44.1	85.0	43.3	76.2	33.5	46.1	49.2	40.0	24.3	16.2	45.5	19.5	32.1	41

APPENDIX B - MRF BUILDING PLAN

BUILDING AREA TABULATION

NO.	DESCRIPTION	OCCUPANCY	NON OCCUPIED	OFFICES (B)	FACTORY (F-1)	STORAGE (S)	SF/OCC	OCCUPANT COUNT	B OCCUPANTS	F & S OCCUPANTS
LEVEL 1										
001	BATHY LOBBY	B					100	1	1.0	
002	INTERIOR STAIR	B					100	4.0	4.0	
003	TRUCK SHADE	B					200	0.1	0.1	0
004	RECEPTION ROOM	B					100	0.6	0.6	
005	SCOURING	F1			29,716		200	78.1	78.1	
006	TRUCK	S1			27,481		200	55.1	55.1	
01	CONFERENCE	F1			718		100	7.1	7.1	
01	ELECTRICAL	S1			111		200	1.4	1.4	
LEVEL 1 TOTAL										
MEZZANINE 1										
100	INTERIOR STAIR	B					100	3.0	3.0	
101	REST ROOM	B					100	1.1	1.1	
102	STAIR LOBBY	B					221	0.1	0.1	
103	RECEPTION	B					100	3.1	3.1	
104	LOBBY	B					200	3.1	3.1	
105	MULTI-PURPOSE	B					1,152	87.1	87.1	
106	STORAGE 2	B					100	0.1	0.1	
107	MEET	B					100	0.7	0.7	
108	MEET	B					71	0.1	0.1	
109	CONFERENCE	B					200	0.6	0.6	
110	OFFICE 1	B					214	1.1	1.1	
111	OFFICE 2	B					188	1.1	1.1	
112	OFFICE 3	B					188	1.1	1.1	
113	OFFICE 4	B					173	0.9	0.9	
114	LOCKER	B					175	0.1	0.1	
115	MEET	B					42	0.1	0.1	
116	MEET	B					100	0.1	0.1	
117	MEET	B					211	2.2	2.2	
118	STORAGE 1	B					151	1.1	1.1	
119	HALL 1	B					200	1.8	1.8	
120	HALL 2	B					223	3.1	3.1	
121	HALL 3	B					101	3.1	3.1	
122	STORAGE 3	B					100	0.1	0.1	
MEZZANINE 1 TOTAL										
MEZZANINE 2										
200	INTERIOR STAIR	B					100	1.1	1.1	
201	REST ROOM	B					100	1.1	1.1	
202	STAIR LOBBY	B					111	1.1	1.1	
203	LOBBY	B					87	0.1	0.1	
204	LOBBY	B					200	2.4	2.4	
205	OPEN OFFICE	B					400	1.4	1.4	
206	OFFICE 1	B					148	1.3	1.3	
207	OFFICE 2	B					150	1.1	1.1	
208	OFFICE 3	B					150	1.4	1.4	
209	CONFERENCE	B					134	36.1	36.1	
210	MEET	B					631	4.1	4.1	
211	MEET	B					270	1.8	1.8	
212	MEET	B					731	7.4	7.4	
213	STORAGE	B					131	1.1	1.1	
214	HALL	B					211	2.1	2.1	
MEZZANINE 2 TOTAL										
BUILDING 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



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

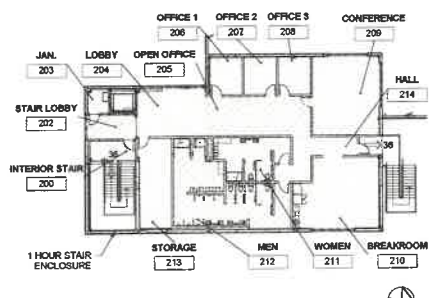
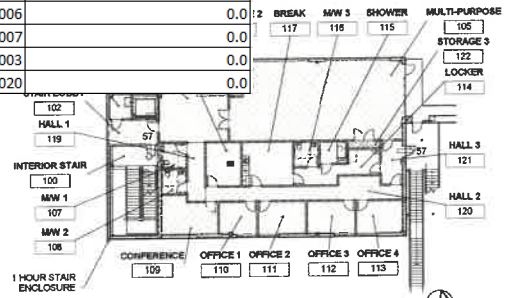
ALLOWABLE BUILDING AREA

PERMITTED AND OPEN SPACE INFORMATION (CBC 501)
 NOTE: MRF FIT-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 Resigul 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

Sample Locations Are Approximate

- 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



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

3 MEZZANINE 2 EXIT PLAN
1/16" = 1'-0"

MRF

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

CONSTRUCTION
DIANI COMPANIES
 Santa Maria

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

330 Avoca Place
 Avoca, CA 94001
 (805) 473-2731
 gary@gmarchitect.com

GARY W. MADJEDI, ARCHITECT



PERMIT NO: 19REV-00345

NO.	DATE	DESCRIPTION	BY
1	4/21/21	ISSUED FOR PERMIT	GM
2	4/21/21	REVISION 1	GM

STATUS: PERMITTED
 DATE: 4/21/21
 PROJECT NO: 190201

SHEET NAME: EXITING PLANS

SHEET NO: **G200**



February 10, 2023

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

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

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

Aimee:

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

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

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

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

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

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

Sincerely,

MSB Investors, LLC

A handwritten signature in blue ink that reads "John Dewey". The signature is fluid and cursive, with the first name "John" and last name "Dewey" clearly legible.

John Dewey
CEO & Managing Member

APPENDIX A - MRF INDOOR AIR SAMPLING

Facility Emissions During Operations Without Operational Biofilters and Baghouses

MSW	Point	Location Description	Friday	Friday	Friday	Friday	Friday	Friday	Friday	Friday	Friday	Friday	Friday	Friday	Friday	Friday	Friday	Friday	Friday	Friday	Friday	Friday	Friday	Friday	9/27/22 -
			(9/2/22)	(9/9/2022)	(9/16/2022)	(9/23/2022)	(9/30/2022)	(10/7/22)	(10/14/202)	(10/21/202)	(10/28/202)	(11/4/22)	(11/11/22)	(11/18/22)	(11/25/22)	(12/2/22)	(12/9/22)	(12/16/22)	(12/23/22)	(12/30/22)	(1/6/23)	(1/13/23)	(1/20/23)	(1/27/23)	(1/27/23)
			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	0.024	0.010	0.015	0.010	0.001	0.005	0.001	0.008	0.008	0.007	0.019	0.013	0.009	0.006	0.009	0.003	0.006	0.013	0.004	0.022	0.003	0.009	0.009
1	2	Near Residual Pile on Tip Floor	0.007	0.008	0.007	0.026	0.010	0.007	0.009	0.006	0.007	0.013	0.018	0.010	0.018	0.006	0.007	0.007	0.006	0.012	0.012	0.014	0.007	0.010	0.010
1	3	Corridor Between MRF and Tip Floor (air moving from MRF to Tip Floor)	0.006	0.006	0.002	0.006	0.006	0.006	0.010	0.006	0.006	0.009	0.015	0.008	0.006	0.006	0.009	0.004	0.004	0.010	0.014	0.006	0.007	0.007	0.007
2	4	Between C1450 and C520	0.005	0.004	0.002	0.005	0.006	0.002	0.005	0.001	0.002	0.007	0.007	0.007	0.004	0.003	0.008	0.006	0.002	0.003	0.004	0.004	0.006	0.004	0.004
2	5	Near C740	0.003	0.006	0.004	0.006	0.004	0.007	0.006	0.004	0.002	0.013	0.007	0.007	0.004	0.002	0.004	0.005	0.004	0.004	0.006	0.004	0.001	0.005	0.005
1	6	Near MRF Floor Sump	0.004	0.006	0.002	0.007	0.004	0.004	0.003	0.004	0.003	0.007	0.011	0.006	0.003	0.004	0.004	0.005	0.003	0.004	0.009	0.003	0.003	0.003	0.005
2	7	Between C500 and Eyewash, In Front of Control Room	0.006	0.007	0.004	0.006	0.009	0.006	0.006	0.005	0.003	0.014	0.010	0.007	0.006	0.005	0.005	0.006	0.004	0.006	0.009	0.006	0.006	0.006	0.006
2	8	Between D930 and C980	0.005	0.004	0.004	0.007	0.005	0.006	0.006	0.003	0.003	0.015	0.008	0.007	0.004	0.004	0.005	0.005	0.004	0.006	0.007	0.006	0.006	0.006	0.006
2	9	Between D290 and D430	0.003	0.006	0.004	0.006	0.006	0.007	0.006	0.003	0.003	0.012	0.007	0.006	0.004	0.004	0.004	0.005	0.004	0.004	0.006	0.003	0.003	0.003	0.005
2	10	Between D180 and D120	0.002	0.005	0.004	0.007	0.006	0.006	0.003	0.003	0.013	0.008	0.006	0.004	0.003	0.005	0.006	0.004	0.006	0.006	0.006	0.004	0.006	0.006	0.005
2	11	Between M140 and D101	0.001	0.006	0.001	0.007	0.006	0.006	0.004	0.004	0.003	0.009	0.009	0.006	0.003	0.005	0.004	0.006	0.004	0.006	0.006	0.002	0.003	0.003	0.005
2	12	Between Trommels	0.004	0.007	0.005	0.023	0.010	0.009	0.007	0.005	0.003	0.025	0.014	0.007	0.004	0.006	0.006	0.007	0.005	0.006	0.009	0.006	0.006	0.006	0.008
2	13	Between AWS 550s	0.002	0.006	0.001	0.012	0.006	0.006	0.005	0.003	0.006	0.009	0.015	0.006	0.003	0.005	0.006	0.009	0.004	0.004	0.007	0.004	0.004	0.004	0.006
																									0.006

MSW	Point	Location Description	NH3	NH3	NH3	NH3	NH3	NH3	NH3	NH3	NH3	NH3	NH3	NH3	NH3	NH3	NH3	NH3	NH3	NH3	NH3	NH3	NH3	NH3	NH3
			(ppmv)	(ppmv)	(ppmv)	(ppmv)	(ppmv)	(ppmv)	(ppmv)	(ppmv)	(ppmv)	(ppmv)	(ppmv)	(ppmv)	(ppmv)	(ppmv)	(ppmv)	(ppmv)	(ppmv)	(ppmv)	(ppmv)	(ppmv)	(ppmv)	(ppmv)	(ppmv)
1	1	East Corner of Tip Floor Rollup Door	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.0	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.095
1	2	Near Residual Pile on Tip Floor	0.000	0.000	0.000	0.500	0.000	0.000	0.500	0.000	0.500	0.000	1.0	0.0	0.0	0.5	0.0	0.5	0.0	0.0	0.5	0.5	0.5	0.5	0.238
1	3	Corridor Between MRF and Tip Floor (air moving from MRF to Tip Floor)	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.5	0.5	0.071
2	4	Between C1450 and C520	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.5	0.0	0.0	0.5	0.048
2	5	Near C740	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.0	0.0	0.0	0.0	0.5	0.5	0.5	0.5	0.0	1.0	1.0	0.5	0.5	0.143
1	6	Near MRF Floor Sump	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.0	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.5	0.5	0.5	1.0	1.0	0.190
2	7	Between C500 and Eyewash, In Front of Control Room	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.500	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.5	0.5	0.5	1.5	1.5	0.167
2	8	Between D930 and C980	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.500	0.0	0.0	0.0	0.0	0.5	1.0	0.0	0.5	1.0	0.5	1.0	1.0	0.167
2	9	Between D290 and D430	0.000	0.000	0.000	0.000	0.000	0.500	0.000	0.000	0.000	1.000	0.5	0.0	0.0	0.0	0.0	1.0	0.5	0.5	0.5	1.0	1.0	1.0	0.310
2	10	Between D180 and D120	0.000	0.000	0.000	0.000	0.000	0.500	0.000	0.000	0.000	1.500	0.5	0.0	0.0	0.0	1.0	0.5	1.0	0.5	1.0	1.0	1.0	1.0	0.381
2	11	Between M140 and D101	0.000	0.000	0.000	0.000	0.000	0.500	0.500	0.000	0.500	0.500	1.0	0.5	0.0	1.0	1.0	0.5	0.5	0.5	1.0	1.0	1.5	1.5	0.452
2	12	Between Trommels	0.500	0.000	0.000	0.500	0.000	0.500	0.500	0.000	0.500	1.500	1.5	0.0	0.0	0.5	0.0	0.5	1.0	0.5	1.0	0.5	1.5	1.5	0.476
2	13	Between AWS 550s	1.500	0.000	0.000	0.000	0.000	0.000	0.500	0.000	0.500	0.500	2.0	0.5	0.0	1.0	0.5	1.0	0.5	0.0	0.5	0.5	1.5	1.5	0.524
																									0.251

MSW	Point	Location Description	PM2.5	PM2.5	PM2.5	PM2.5	PM2.5	PM2.5	PM2.5	PM2.5	PM2.5	PM2.5	PM2.5	PM2.5	PM2.5	PM2.5	PM2.5	PM2.5	PM2.5	PM2.5	PM2.5	PM2.5	PM2.5	PM2.5	PM2.5
			(ug/m3)	(ug/m3)	(ug/m3)	(ug/m3)	(ug/m3)	(ug/m3)	(ug/m3)	(ug/m3)	(ug/m3)	(ug/m3)	(ug/m3)	(ug/m3)	(ug/m3)	(ug/m3)	(ug/m3)	(ug/m3)	(ug/m3)	(ug/m3)	(ug/m3)	(ug/m3)	(ug/m3)	(ug/m3)	(ug/m3)
1	1	East Corner of Tip Floor Rollup Door	44.9	22.2	59.3	34.8	27.1	29.3	22.0	52.0	66.8	13.6	20.2	25.3	19.2	16.0	39.2	13.0	20.9	27.9	20.6	28.5	18.9	29.6	
1	2	Near Residual Pile on Tip Floor	26.3	23.6	25.0	42.8	63.9	55.3	33.5	71.1	59.2	10.9	17.9	23.8	13.8	11.3	30.2	13.3	17.7	22.2	22.6	21.5	22.2	29.9	
1	3	Corridor Between MRF and Tip Floor (air moving from MRF to Tip Floor)	20.9	22.4	24.6	14.3	27.8	35.2	14.5	41.6	19.4	10.7	15.5	11.0	5.9	7.7	32.9	11.8	12.5	12.0	20.5	17.5	19.9	19.0	
2	4	Between C1450 and C520	31.5	20.3	28.4	16.9	25.7	18.2	20.2	34.0	9.6	12.0	12.7	16.5	6.5	8.2	19.7	13.9	17.1	14.0	18.2	16.3	17.6	18.0	
2	5	Near C740	31.7	16.7	34.5	27.2	28.0	32.7	26.4	48.0	21.6	27.3	30.6	24.0	15.6	11.6	27.3	12.9	21.9	38.5	45.3	29.4	14.8	27.0	
1	6	Near MRF Floor Sump	51.4	15.1	23.7	19.1	17.1	27.2	11.3	38.1	11.5	6.2	6.5	9.1	4.3	5.5	7.1	7.6	21.4	8.7	23.0	11.5	17.6	16.3	
2	7	Between C500 and Eyewash, In Front of Control Room	29.1	17.9	39.7	22.9	43.2	56.4	18.1	45.0	17.9	14.1	21.5	14.1	10.5	7.6	29.6	12.2	22.5	13.2	21.3	18.8	22.4	23.7	
2	8	Between D930 and C980	32.6	17.4	34.2	34.0	30.9	41.2	24.7	46.3	23.1	25.2	25.7	19.7	13.7	5.7	27.9	14.2	20.6	36.1	32.3	23.9	20.8	26.2	
2	9	Between D290 and D430	37.2	22.9	42.2	34.7	32.6	76.3	29.6	49.1	30.5	31.2	31.0	15.8	20.5	16.5	27.6	23.5	30.5	37.1	41.1	42.3	27.8	33.3	
2	10	Between D180 and D120	45.3	17.9	337.3	36.4	35.4	80.7	38.2	62.3	35.7	41.7	29.3	23.2	23.1	12.4	28.6	23.6	26.2	25.2	36.0	29.9	18.2	47.9	
2	11	Between M140 and D101	44.2	25.0	36.1	37.3	48.5	98.1	29.9	54.7	41.8	23.2	41.7	24.5	18.6	24.6	29.2	22.9	23.3	18.9	32.6	30.8	31.8	35.1	
2	12	Between Trommels	52.3	20.1	50.6	54.8	49.3	85.8	38.3	44.1	50.1	37.4	34.2	19.4	24.1	14.4	27.2	17.9	27.2	29.7	38.1	21.3	31.4	36.6	
2	13	Between AWS 550s	63.0	23.7	50.2	57.5	53.1	53.7	30.2	50.1	63.7	30.1	47.4	20.4	25.0	22.4	27.5	25.8	26.5	22.8	34.6	25.6	37.9	37.7	
																									29.3

MSW	Point	Location Description	PM10	PM10	PM10	PM10	PM10	PM10	PM10	PM10	PM10	PM10	PM10	PM10	PM10	PM10	PM10	PM10	PM10	PM10	PM10	PM10	PM10	PM10	PM10
			(ug/m3)	(ug/m3)	(ug/m3)	(ug/m3)	(ug/m3)	(ug/m3)	(ug/m3)	(ug/m3)	(ug/m3)	(ug/m3)	(ug/m3)	(ug/m3)	(ug/m3)	(ug/m3)	(ug/m3)	(ug/m3)	(ug/m3)	(ug/m3)	(ug/m3)	(ug/m3)	(ug/m3)	(ug/m3)	(ug/m3)
1	1	East Corner of Tip Floor Rollup Door	73.7	33.0	90.4	54.1	35.8																		

APPENDIX B - MRF BUILDING PLAN

BUILDING AREA TABULATION

NO.	DESCRIPTION	OCCUPANCY	NO. OCCUPIED	OFFICES (B)	FACTORY (F-1)	STORAGE (S)	SF/OCC	OCCUPANT COUNT	B OCCUPANTS	F & S OCCUPANTS
LEVEL 1										
001	BATHY LOBBY	B	100				100	1	1.0	
002	INTERIOR STAIR	B	400				100	4.0	4.0	
003	TRUCK SHADE	B					200	0.1		0.1
004	RECEPTION ROOM	B	100				100	0.6		0.6
005	SCOURING	F1			29,716		200	78.1		78.1
006	TRUCK	S1			27,400		200	55.0		55.0
007	CONFERENCE	F2			718		100	7.1		7.1
008	ELECTRICAL	S4			100		200	1.0		1.0
009	ELECTRICAL	S4			100		200	1.0		1.0
010	ELECTRICAL	S4			100		200	1.0		1.0
011	ELECTRICAL	S4			100		200	1.0		1.0
012	ELECTRICAL	S4			100		200	1.0		1.0
013	ELECTRICAL	S4			100		200	1.0		1.0
014	ELECTRICAL	S4			100		200	1.0		1.0
015	ELECTRICAL	S4			100		200	1.0		1.0
016	ELECTRICAL	S4			100		200	1.0		1.0
017	ELECTRICAL	S4			100		200	1.0		1.0
018	ELECTRICAL	S4			100		200	1.0		1.0
019	ELECTRICAL	S4			100		200	1.0		1.0
020	ELECTRICAL	S4			100		200	1.0		1.0
021	ELECTRICAL	S4			100		200	1.0		1.0
022	ELECTRICAL	S4			100		200	1.0		1.0
023	ELECTRICAL	S4			100		200	1.0		1.0
024	ELECTRICAL	S4			100		200	1.0		1.0
025	ELECTRICAL	S4			100		200	1.0		1.0
026	ELECTRICAL	S4			100		200	1.0		1.0
027	ELECTRICAL	S4			100		200	1.0		1.0
028	ELECTRICAL	S4			100		200	1.0		1.0
029	ELECTRICAL	S4			100		200	1.0		1.0
030	ELECTRICAL	S4			100		200	1.0		1.0
031	ELECTRICAL	S4			100		200	1.0		1.0
032	ELECTRICAL	S4			100		200	1.0		1.0
033	ELECTRICAL	S4			100		200	1.0		1.0
034	ELECTRICAL	S4			100		200	1.0		1.0
035	ELECTRICAL	S4			100		200	1.0		1.0
036	ELECTRICAL	S4			100		200	1.0		1.0
037	ELECTRICAL	S4			100		200	1.0		1.0
038	ELECTRICAL	S4			100		200	1.0		1.0
039	ELECTRICAL	S4			100		200	1.0		1.0
040	ELECTRICAL	S4			100		200	1.0		1.0
041	ELECTRICAL	S4			100		200	1.0		1.0
042	ELECTRICAL	S4			100		200	1.0		1.0
043	ELECTRICAL	S4			100		200	1.0		1.0
044	ELECTRICAL	S4			100		200	1.0		1.0
045	ELECTRICAL	S4			100		200	1.0		1.0
046	ELECTRICAL	S4			100		200	1.0		1.0
047	ELECTRICAL	S4			100		200	1.0		1.0
048	ELECTRICAL	S4			100		200	1.0		1.0
049	ELECTRICAL	S4			100		200	1.0		1.0
050	ELECTRICAL	S4			100		200	1.0		1.0
051	ELECTRICAL	S4			100		200	1.0		1.0
052	ELECTRICAL	S4			100		200	1.0		1.0
053	ELECTRICAL	S4			100		200	1.0		1.0
054	ELECTRICAL	S4			100		200	1.0		1.0
055	ELECTRICAL	S4			100		200	1.0		1.0
056	ELECTRICAL	S4			100		200	1.0		1.0
057	ELECTRICAL	S4			100		200	1.0		1.0
058	ELECTRICAL	S4			100		200	1.0		1.0
059	ELECTRICAL	S4			100		200	1.0		1.0
060	ELECTRICAL	S4			100		200	1.0		1.0
061	ELECTRICAL	S4			100		200	1.0		1.0
062	ELECTRICAL	S4			100		200	1.0		1.0
063	ELECTRICAL	S4			100		200	1.0		1.0
064	ELECTRICAL	S4			100		200	1.0		1.0
065	ELECTRICAL	S4			100		200	1.0		1.0
066	ELECTRICAL	S4			100		200	1.0		1.0
067	ELECTRICAL	S4			100		200	1.0		1.0
068	ELECTRICAL	S4			100		200	1.0		1.0
069	ELECTRICAL	S4			100		200	1.0		1.0
070	ELECTRICAL	S4			100		200	1.0		1.0
071	ELECTRICAL	S4			100		200	1.0		1.0
072	ELECTRICAL	S4			100		200	1.0		1.0
073	ELECTRICAL	S4			100		200	1.0		1.0
074	ELECTRICAL	S4			100		200	1.0		1.0
075	ELECTRICAL	S4			100		200	1.0		1.0
076	ELECTRICAL	S4			100		200	1.0		1.0
077	ELECTRICAL	S4			100		200	1.0		1.0
078	ELECTRICAL	S4			100		200	1.0		1.0
079	ELECTRICAL	S4			100		200	1.0		1.0
080	ELECTRICAL	S4			100		200	1.0		1.0
081	ELECTRICAL	S4			100		200	1.0		1.0
082	ELECTRICAL	S4			100		200	1.0		1.0
083	ELECTRICAL	S4			100		200	1.0		1.0
084	ELECTRICAL	S4			100		200	1.0		1.0
085	ELECTRICAL	S4			100		200	1.0		1.0
086	ELECTRICAL	S4			100		200	1.0		1.0
087	ELECTRICAL	S4			100		200	1.0		1.0
088	ELECTRICAL	S4			100		200	1.0		1.0
089	ELECTRICAL	S4			100		200	1.0		1.0
090	ELECTRICAL	S4			100		200	1.0		1.0
091	ELECTRICAL	S4			100		200	1.0		1.0
092	ELECTRICAL	S4			100		200	1.0		1.0
093	ELECTRICAL	S4			100		200	1.0		1.0
094	ELECTRICAL	S4			100		200	1.0		1.0
095	ELECTRICAL	S4			100		200	1.0		1.0
096	ELECTRICAL	S4			100		200	1.0		1.0
097	ELECTRICAL	S4			100		200	1.0		1.0
098	ELECTRICAL	S4			100		200	1.0		1.0
099	ELECTRICAL	S4			100		200	1.0		1.0
100	ELECTRICAL	S4			100		200	1.0		1.0
101	ELECTRICAL	S4			100		200	1.0		1.0
102	ELECTRICAL	S4			100		200	1.0		1.0
103	ELECTRICAL	S4			100		200	1.0		1.0
104	ELECTRICAL	S4			100		200	1.0		1.0
105	ELECTRICAL	S4			100		200	1.0		1.0
106	ELECTRICAL	S4			100		200	1.0		1.0
107	ELECTRICAL	S4			100		200	1.0		1.0
108	ELECTRICAL	S4			100		200	1.0		1.0
109	ELECTRICAL	S4			100		200	1.0		1.0
110	ELECTRICAL	S4			100		200	1.0		1.0
111	ELECTRICAL	S4			100		200	1.0		1.0
112	ELECTRICAL	S4			100		200	1.0		1.0
113	ELECTRICAL	S4			100		200	1.0		1.0
114	ELECTRICAL	S4			100		200	1.0		1.0
115	ELECTRICAL	S4			100		200	1.0		1.0
116	ELECTRICAL	S4			100		200	1.0		1.0
117	ELECTRICAL	S4			100		200	1.0		1.0
118	ELECTRICAL	S4			100		200	1.0		1.0
119	ELECTRICAL	S4			100		200	1.0		1.0
120	ELECTRICAL	S4			100		200	1.0		1.0
121	ELECTRICAL	S4			100		200	1.0		1.0
122	ELECTRICAL	S4			100		200	1.0		1.0
123	ELECTRICAL	S4			100		200	1.0		1.0
124	ELECTRICAL	S4			100		200	1.0		1.0
125	ELECTRICAL	S4			100		200	1.0		1.0
126	ELECTRICAL	S4			100		200	1.0		1.0
127	ELECTRICAL	S4			100		200	1.0		1.0
128	ELECTRICAL	S4			100		200	1.0		1.0
129	ELECTRICAL	S4			100		200	1.0		1.0
130	ELECTRICAL	S4			100		200	1.0		1.0
131	ELECTRICAL	S4			100		200	1.0		1.0
132	ELECTRICAL	S4			100		200	1.0		1.0
133	ELECTRICAL	S4			100		200	1.0		1.0
134	ELECTRICAL	S4			100		200	1.0		1.0
135	ELECTRICAL	S4			100		200	1.0		1.0
136	ELECTRICAL	S4			100		200	1.0		1.0
137	ELECTRICAL	S4			100		200	1.0		1.0
138	ELECTRICAL	S4			100					



March 10, 2023

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

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

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

Aimee:

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

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

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

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

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

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

Sincerely,

MSB Investors, LLC

A handwritten signature in blue ink that reads "John Dewey". The signature is fluid and cursive, with the first name "John" and last name "Dewey" clearly legible.

John Dewey
CEO & Managing Member

APPENDIX A - MRF INDOOR AIR SAMPLING

		Facility Emissions During Operations Without Operational Biofilters and Baghouses																
MSW	Point	Location Description	Friday	Friday	Friday	Friday	Friday	Friday	Friday	Friday	Friday	Friday	Friday	Friday	Friday	Friday	12/2/22 -	
			(12/2/22)	(12/9/22)	(12/16/22)	(12/23/22)	(12/30/22)	(1/6/23)	(1/13/23)	(1/20/23)	(1/27/23)	(2/3/23)	(2/10/23)	(2/17/23)	(2/24/23)	(2/28/23)	H2S (ppmv)	
1	1	East Corner of Tip Floor Rollup Door	0.009	0.006	0.009	0.003	0.006	0.013	0.004	0.022	0.003	0.007	0.003	0.001	0.003	0.008		
1	2	Near Residual Pile on Tip Floor	0.018	0.006	0.007	0.007	0.006	0.012	0.014	0.007	0.007	0.009	0.007	0.004	0.004	0.010		
1	3	Corridor Between MRF and Tip Floor (air moving from MRF to Tip Floor)	0.006	0.006	0.006	0.009	0.004	0.010	0.014	0.006	0.007	0.007	0.009	0.009	0.009	0.008		
2	4	Between C1450 and C520	0.004	0.003	0.008	0.006	0.002	0.003	0.004	0.004	0.006	0.007	0.005	0.005	0.012	0.005		
2	5	Near C740	0.004	0.002	0.004	0.005	0.004	0.004	0.006	0.004	0.001	0.002	0.004	0.002	0.002	0.005		
1	6	Near MRF Floor Sump	0.003	0.004	0.004	0.005	0.003	0.004	0.009	0.003	0.003	0.005	0.003	0.003	0.009	0.005		
2	7	Between C500 and Eyewash, In Front of Control Room	0.006	0.005	0.005	0.006	0.004	0.006	0.009	0.006	0.006	0.006	0.006	0.006	0.004	0.006		
2	8	Between D930 and C980	0.004	0.004	0.005	0.005	0.004	0.006	0.007	0.006	0.006	0.006	0.006	0.006	0.003	0.006		
2	9	Between D290 and D430	0.004	0.004	0.004	0.005	0.004	0.004	0.006	0.003	0.003	0.005	0.004	0.004	0.004	0.005		
2	10	Between D180 and D120	0.004	0.003	0.005	0.006	0.004	0.006	0.006	0.004	0.006	0.006	0.004	0.009	0.009	0.006		
2	11	Between M140 and D101	0.003	0.005	0.004	0.006	0.004	0.006	0.006	0.002	0.003	0.002	0.004	0.003	0.011	0.005		
2	12	Between Trommels	0.004	0.006	0.006	0.007	0.005	0.006	0.009	0.006	0.006	0.007	0.005	0.007	0.028	0.009		
2	13	Between AWS 550s	0.003	0.005	0.006	0.009	0.004	0.004	0.007	0.004	0.004	0.004	0.003	0.005	0.011	0.006		
			0.006															
MSW	Point	Location Description	NH3	NH3	NH3	NH3	NH3	NH3	NH3	NH3	NH3	NH3	NH3	NH3	NH3	NH3	NH3	
			(ppmv)	(ppmv)	(ppmv)	(ppmv)	(ppmv)	(ppmv)	(ppmv)	(ppmv)	(ppmv)	(ppmv)	(ppmv)	(ppmv)	(ppmv)	(ppmv)	(ppmv)	(ppmv)
1	1	East Corner of Tip Floor Rollup Door	0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.5	0.0	0.5	0.0	0.0	0.0	0.100		
1	2	Near Residual Pile on Tip Floor	0.0	0.5	0.0	0.5	0.0	0.0	0.5	0.5	1.0	0.0	0.5	0.0	0.5	0.0	0.260	
1	3	Corridor Between MRF and Tip Floor (air moving from MRF to Tip Floor)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.5	0.5	0.0	0.0	0.0	0.080		
2	4	Between C1450 and C520	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.5	0.5	0.0	0.0	0.0	0.060		
2	5	Near C740	0.0	0.0	0.0	0.5	0.5	0.5	0.0	1.0	0.5	0.5	0.0	0.0	0.0	0.140		
1	6	Near MRF Floor Sump	0.0	0.0	0.0	0.5	0.0	0.0	0.5	0.5	1.0	0.0	0.5	0.5	0.0	0.200		
2	7	Between C500 and Eyewash, In Front of Control Room	0.0	0.0	0.0	0.5	0.0	0.0	0.5	0.5	1.5	1.0	0.0	0.5	0.5	0.220		
2	8	Between D930 and C980	0.0	0.0	0.0	0.5	1.0	0.0	0.0	0.5	1.0	1.0	0.0	0.0	0.0	0.180		
2	9	Between D290 and D430	0.0	0.0	0.0	1.0	0.5	0.5	0.5	1.0	1.0	1.0	0.0	0.0	0.5	0.320		
2	10	Between D180 and D120	0.0	0.0	0.0	1.0	0.5	1.0	0.5	1.0	1.0	1.5	1.0	0.0	0.0	0.420		
2	11	Between M140 and D101	0.0	1.0	0.5	1.0	0.5	0.5	0.5	1.0	1.0	1.0	1.0	0.0	0.0	0.460		
2	12	Between Trommels	0.0	0.5	0.0	0.5	0.0	0.5	1.0	0.5	1.5	1.5	0.5	0.0	0.5	0.500		
2	13	Between AWS 550s	0.0	1.0	0.5	1.0	0.5	0.5	0.5	0.5	1.5	1.5	1.5	0.5	0.0	0.580		
			0.271															
MSW	Point	Location Description	PM2.5	PM2.5	PM2.5	PM2.5	PM2.5	PM2.5	PM2.5	PM2.5	PM2.5	PM2.5	PM2.5	PM2.5	PM2.5	PM2.5	PM2.5	
			(ug/m3)	(ug/m3)	(ug/m3)	(ug/m3)	(ug/m3)	(ug/m3)	(ug/m3)	(ug/m3)	(ug/m3)	(ug/m3)	(ug/m3)	(ug/m3)	(ug/m3)	(ug/m3)	(ug/m3)	(ug/m3)
1	1	East Corner of Tip Floor Rollup Door	19.2	16.0	39.2	13.0	20.9	27.9	20.6	28.5	18.9	27.5	22.5	17.3	25.2	28.6		
1	2	Near Residual Pile on Tip Floor	13.8	11.3	30.2	13.3	17.7	22.2	22.6	21.5	22.2	28.4	25.8	43.3	11.8	29.5		
1	3	Corridor Between MRF and Tip Floor (air moving from MRF to Tip Floor)	5.9	7.7	32.9	11.8	12.5	12.0	20.5	17.5	19.9	15.8	13.5	32.1	14.1	19.0		
2	4	Between C1450 and C520	6.5	8.2	19.7	13.9	17.1	14.0	18.2	16.3	17.6	20.9	18.1	25.9	13.7	18.2		
2	5	Near C740	15.6	11.6	27.3	12.9	21.9	38.5	45.3	29.4	14.8	13.8	20.3	18.4	12.2	25.2		
1	6	Near MRF Floor Sump	4.3	5.5	7.1	7.6	21.4	8.7	23.0	11.5	17.6	12.1	20.4	20.4	38.4	17.4		
2	7	Between C500 and Eyewash, In Front of Control Room	10.5	7.6	29.6	12.2	22.5	13.2	21.3	18.8	22.4	19.8	18.9	34.4	24.8	23.8		
2	8	Between D930 and C980	13.7	5.7	27.9	14.2	20.6	36.1	32.3	23.9	20.8	23.3	21.4	20.5	24.7	25.6		
2	9	Between D290 and D430	20.5	16.5	27.6	23.5	30.5	37.1	41.1	42.3	27.8	27.4	19.9	21.7	16.7	31.4		
2	10	Between D180 and D120	23.1	12.4	28.6	23.6	26.2	25.2	36.0	29.9	18.2	16.6	32.9	18.7	34.5	44.4		
2	11	Between M140 and D101	18.6	24.6	29.2	22.9	23.3	18.9	32.6	30.8	31.8	16.9	43.5	17.2	9.3	33.0		
2	12	Between Trommels	24.1	14.4	27.2	17.9	27.2	29.7	38.1	21.3	31.4	30.7	23.3	32.5	17.1	34.9		
2	13	Between AWS 550s	25.0	22.4	27.5	25.8	26.5	22.8	34.6	25.6	37.9	34.2	44.6	32.5	26.3	37.2		
			28.3															
MSW	Point	Location Description	PM10	PM10	PM10	PM10	PM10	PM10	PM10	PM10	PM10	PM10	PM10	PM10	PM10	PM10	PM10	
			(ug/m3)	(ug/m3)	(ug/m3)	(ug/m3)	(ug/m3)	(ug/m3)	(ug/m3)	(ug/m3)	(ug/m3)	(ug/m3)	(ug/m3)	(ug/m3)	(ug/m3)	(ug/m3)	(ug/m3)	(ug/m3)
1	1	East Corner of Tip Floor Rollup Door	28.5	25.2	56.0	17.3	30.4	45.8	32.0	44.8	27.9	43.7	29.1	27.5	35.5	43.6		
1	2	Near Residual Pile on Tip Floor	22.4	18.3	46.4	19.6	26.9	33.8	34.5	31.7	33.7	44.1	44.0	71.8	18.9	47.3		
1	3	Corridor Between MRF and Tip Floor (air moving from MRF to Tip Floor)	7.9	10.6	52.9	16.8	18.4	18.5	30.4	26.6	29.6	25.0	23.0	53.4	37.8	30.1		
2	4	Between C1450 and C520	8.8	12.0	29.9	20.6	24.0	21.2	28.4	25.5	26.7	32.1	29.8	41.8	18.1	27.7		
2	5	Near C740	24.3	16.2	45.5	19.5	32.1	63.6	75.2	47.4	23.7	21.3	30.4	26.7	21.3	41.3		
1	6	Near MRF Floor Sump	5.1	8.0	11.9	10.1	30.6	12.7	35.4	15.4	27.2	18.0	31.6	32.7	18.9	25.2		
2	7	Between C500 and Eyewash, In Front of Control Room	15.5	11.3	47.9	18.6	33.6	19.3	33.3	29.5	35.5	32.0	31.7	56.5	18.2	36.8		
2	8	Between D930 and C980	21.8	7.9	48.6	22.5	31.7	58.6	51.6	37.7	32.6	36.6	35.4	31.6	62.7	41.2		
2	9	Between D290 and D430	33.6	25.2	43.6	37.3	48.5	58.8	68.2	68.2	45.6	44.2	32.4	35.7	26.5	50.3		
2	10	Between D180 and D120	35.9	20.4	46.1	38.7	43.4	40.6	61.5	51.6	30.3	27.2	55.8	30.0	52.4	52.7		
2	11	Between M140 and D101	29.9	41.2	46.3	37.5	38.2	31.8	54.6	47.2	48.4	25.7	72.3	27.3	38.7	53.7		
2	12	Between Trommels	38.4	22.0	41.7	29.4	43.7	49.4	68.2	35.1	50.2	50.5	38.9	53.4	34.6	57.2		
2	13	Between AWS 550s	39.1	39.9	45.6	39.7	40.3	36.3	55.9	45.4	62.2	56.8	77.4	54.2	48.1	58.6		
			43.5															

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 calibrated 1/27/2023
 Eagle 2 used for ammonia measurements, last calibrated 1/27/2023
 Temtop M2000 AQ Meter for PM2.5, PM10, and CO2 used for PM measurements, last calibrated N/A

APPENDIX B - MRF BUILDING PLAN

BUILDING AREA TABULATION

NO.	DESCRIPTION	OCCUPANCY	NON OCCUPIED	OFFICES (B)	FACTORY (F-1)	STORAGE (S)	SF/OCC	OCCUPANT COUNT	B OCCUPANTS	F & S OCCUPANTS
LEVEL 1										
001	BATHY LOBBY	B					100	1	1.0	
002	INTERIOR STAIR	B					100	4.0	4.0	
003	TRUCK SHADE	B					200	0.1	0.1	0
004	RECEPTION ROOM	B					100	0.6	0.6	
005	SCOURING	F1			29,716		200	78.1	78.1	
006	TRUCK	S1			27,481		200	55.1	55.1	
07	CONFERENCE	F1			718		100	7.1	7.1	
08	ELECTRICAL	S1			111		200	3.0	3.0	
09	ELECTRICAL	S1			238		200	1.8	1.8	
10	ELECTRICAL	S1			67		200	0.3	0.3	
11	ELECTRICAL	S1			87		200	0.4	0.4	
12	ELECTRICAL	S1			87		200	0.4	0.4	
13	ELECTRICAL	S1			87		200	0.4	0.4	
14	ELECTRICAL	S1			87		200	0.4	0.4	
15	ELECTRICAL	S1			87		200	0.4	0.4	
16	ELECTRICAL	S1			87		200	0.4	0.4	
17	ELECTRICAL	S1			87		200	0.4	0.4	
18	ELECTRICAL	S1			87		200	0.4	0.4	
19	ELECTRICAL	S1			87		200	0.4	0.4	
20	ELECTRICAL	S1			87		200	0.4	0.4	
21	ELECTRICAL	S1			87		200	0.4	0.4	
22	ELECTRICAL	S1			87		200	0.4	0.4	
23	ELECTRICAL	S1			87		200	0.4	0.4	
24	ELECTRICAL	S1			87		200	0.4	0.4	
25	ELECTRICAL	S1			87		200	0.4	0.4	
26	ELECTRICAL	S1			87		200	0.4	0.4	
27	ELECTRICAL	S1			87		200	0.4	0.4	
28	ELECTRICAL	S1			87		200	0.4	0.4	
29	ELECTRICAL	S1			87		200	0.4	0.4	
30	ELECTRICAL	S1			87		200	0.4	0.4	
31	ELECTRICAL	S1			87		200	0.4	0.4	
32	ELECTRICAL	S1			87		200	0.4	0.4	
33	ELECTRICAL	S1			87		200	0.4	0.4	
34	ELECTRICAL	S1			87		200	0.4	0.4	
35	ELECTRICAL	S1			87		200	0.4	0.4	
36	ELECTRICAL	S1			87		200	0.4	0.4	
37	ELECTRICAL	S1			87		200	0.4	0.4	
38	ELECTRICAL	S1			87		200	0.4	0.4	
39	ELECTRICAL	S1			87		200	0.4	0.4	
40	ELECTRICAL	S1			87		200	0.4	0.4	
41	ELECTRICAL	S1			87		200	0.4	0.4	
42	ELECTRICAL	S1			87		200	0.4	0.4	
43	ELECTRICAL	S1			87		200	0.4	0.4	
44	ELECTRICAL	S1			87		200	0.4	0.4	
45	ELECTRICAL	S1			87		200	0.4	0.4	
46	ELECTRICAL	S1			87		200	0.4	0.4	
47	ELECTRICAL	S1			87		200	0.4	0.4	
48	ELECTRICAL	S1			87		200	0.4	0.4	
49	ELECTRICAL	S1			87		200	0.4	0.4	
50	ELECTRICAL	S1			87		200	0.4	0.4	
51	ELECTRICAL	S1			87		200	0.4	0.4	
52	ELECTRICAL	S1			87		200	0.4	0.4	
53	ELECTRICAL	S1			87		200	0.4	0.4	
54	ELECTRICAL	S1			87		200	0.4	0.4	
55	ELECTRICAL	S1			87		200	0.4	0.4	
56	ELECTRICAL	S1			87		200	0.4	0.4	
57	ELECTRICAL	S1			87		200	0.4	0.4	
58	ELECTRICAL	S1			87		200	0.4	0.4	
59	ELECTRICAL	S1			87		200	0.4	0.4	
60	ELECTRICAL	S1			87		200	0.4	0.4	
61	ELECTRICAL	S1			87		200	0.4	0.4	
62	ELECTRICAL	S1			87		200	0.4	0.4	
63	ELECTRICAL	S1			87		200	0.4	0.4	
64	ELECTRICAL	S1			87		200	0.4	0.4	
65	ELECTRICAL	S1			87		200	0.4	0.4	
66	ELECTRICAL	S1			87		200	0.4	0.4	
67	ELECTRICAL	S1			87		200	0.4	0.4	
68	ELECTRICAL	S1			87		200	0.4	0.4	
69	ELECTRICAL	S1			87		200	0.4	0.4	
70	ELECTRICAL	S1			87		200	0.4	0.4	
71	ELECTRICAL	S1			87		200	0.4	0.4	
72	ELECTRICAL	S1			87		200	0.4	0.4	
73	ELECTRICAL	S1			87		200	0.4	0.4	
74	ELECTRICAL	S1			87		200	0.4	0.4	
75	ELECTRICAL	S1			87		200	0.4	0.4	
76	ELECTRICAL	S1			87		200	0.4	0.4	
77	ELECTRICAL	S1			87		200	0.4	0.4	
78	ELECTRICAL	S1			87		200	0.4	0.4	
79	ELECTRICAL	S1			87		200	0.4	0.4	
80	ELECTRICAL	S1			87		200	0.4	0.4	
81	ELECTRICAL	S1			87		200	0.4	0.4	
82	ELECTRICAL	S1			87		200	0.4	0.4	
83	ELECTRICAL	S1			87		200	0.4	0.4	
84	ELECTRICAL	S1			87		200	0.4	0.4	
85	ELECTRICAL	S1			87		200	0.4	0.4	
86	ELECTRICAL	S1			87		200	0.4	0.4	
87	ELECTRICAL	S1			87		200	0.4	0.4	
88	ELECTRICAL	S1			87		200	0.4	0.4	
89	ELECTRICAL	S1			87		200	0.4	0.4	
90	ELECTRICAL	S1			87		200	0.4	0.4	
91	ELECTRICAL	S1			87		200	0.4	0.4	
92	ELECTRICAL	S1			87		200	0.4	0.4	
93	ELECTRICAL	S1			87		200	0.4	0.4	
94	ELECTRICAL	S1			87		200	0.4	0.4	
95	ELECTRICAL	S1			87		200	0.4	0.4	
96	ELECTRICAL	S1			87		200	0.4	0.4	
97	ELECTRICAL	S1			87		200	0.4	0.4	
98	ELECTRICAL	S1			87		200	0.4	0.4	
99	ELECTRICAL	S1			87		200	0.4	0.4	
100	ELECTRICAL	S1			87		200	0.4	0.4	
101	ELECTRICAL	S1			87		200	0.4	0.4	
102	ELECTRICAL	S1			87		200	0.4	0.4	
103	ELECTRICAL	S1			87		200	0.4	0.4	
104	ELECTRICAL	S1			87		200	0.4	0.4	
105	ELECTRICAL	S1			87		200	0.4	0.4	
106	ELECTRICAL	S1			87		200	0.4	0.4	
107	ELECTRICAL	S1			87		200	0.4	0.4	
108	ELECTRICAL	S1			87		200	0.4	0.4	
109	ELECTRICAL	S1			87		200	0.4	0.4	
110	ELECTRICAL	S1			87		200	0.4	0.4	
111	ELECTRICAL	S1			87		200	0.4	0.4	
112	ELECTRICAL	S1			87		200	0.4	0.4	
113	ELECTRICAL	S1			87		200	0.4	0.4	
114	ELECTRICAL	S1			87		200	0.4	0.4	
115	ELECTRICAL	S1			87		200	0.4	0.4	
116	ELECTRICAL	S1			87		200	0.4	0.4	
117	ELECTRICAL	S1			87		200	0.4	0.4	
118	ELECTRICAL	S1			87		200	0.4	0.4	
119	ELECTRICAL	S1			87		200	0.4	0.4	
120	ELECTRICAL	S1			87		200	0.4	0.4	
121	ELECTRICAL	S1			87		200	0.4	0.4	
122	ELECTRICAL	S1			87		200	0.4	0.4	
123	ELECTRICAL	S1			87		200	0.4	0.4	
124	ELECTRICAL	S1			87		200	0.4	0.4	
125	ELECTRICAL	S1			87		200	0.4	0.4	
126	ELECTRICAL	S1			87		200	0.4	0.4	
127	ELECTRICAL	S1			87		200	0.4	0.4	
128	ELECTRICAL	S1			87		200	0.4	0.4	
129	ELECTRICAL	S1			87		200	0.4	0.4	
130	ELECTRICAL	S1			87		200	0.4	0.4	
131	ELECTRICAL	S1			87		200	0.4	0.4	
132	ELECTRICAL	S1			87		200	0.4	0.4	
133	ELECTRICAL	S1			87		200	0.4	0.4	
134	ELECTRICAL	S1			87		200	0.4	0.4	
135	ELECTRICAL	S1			87		200	0.4	0.4	
136	ELECTRICAL	S1			87		200	0.4	0.4	
137	ELECTRICAL	S1			87		200	0.4	0.4	
138	ELECTRICAL	S1			87		200	0.4	0.4	
139	ELECTRICAL	S1			87		200	0.4	0.4	
140	ELECTRICAL	S1			87		200	0.4	0.4	
141	ELECTRICAL									



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

April 10, 2023

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

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

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

Aimee:

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

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

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

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

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

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

Sincerely,

MSB Investors, LLC

A handwritten signature in blue ink that reads "John Dewey". The signature is fluid and cursive, with the first name "John" and last name "Dewey" clearly legible.

John Dewey
CEO & Managing Member

APPENDIX A - MRF INDOOR AIR SAMPLING

Facility Emissions During Operations Without Operational Biofilters and Baghouses

MSW	Point	Location Description	Friday	Friday	Friday	Friday	Friday	Friday	Friday	Friday	Friday	Friday	Friday	Friday	Friday	Friday	Friday	Friday	Friday	Friday	Friday	12/2/22 -
			(12/2/22)	(12/9/22)	(12/16/22)	(12/23/22)	(12/30/22)	(1/6/23)	(1/13/23)	(1/20/23)	(1/27/23)	(2/3/23)	(2/10/23)	(2/17/23)	(2/24/23)	(3/3/23)	(3/10/23)	(3/17/23)	(3/24/23)	(3/31/23)	(3/31/23)	(3/31/23)
			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	0.009	0.006	0.009	0.007	0.006	0.013	0.004	0.022	0.003	0.007	0.003	0.001	0.003	0.002	0.002	0.005	0.005	0.007	0.007	0.008
1	2	Near Residual Pile on Tip Floor	0.018	0.006	0.007	0.007	0.006	0.012	0.012	0.014	0.007	0.007	0.009	0.007	0.004	0.008	0.009	0.004	0.007	0.006	0.006	0.009
1	3	Corridor Between MRF and Tip Floor (air moving from MRF to Tip Floor)	0.006	0.006	0.006	0.009	0.004	0.010	0.014	0.006	0.007	0.007	0.009	0.009	0.009	0.008	0.003	0.003	0.006	0.003	0.007	0.007
2	4	Between C1450 and C520	0.004	0.003	0.008	0.006	0.002	0.003	0.004	0.004	0.006	0.007	0.005	0.005	0.012	0.006	0.004	0.002	0.004	0.001	0.001	0.005
2	5	Near C740	0.004	0.002	0.004	0.005	0.004	0.004	0.006	0.004	0.001	0.002	0.004	0.002	0.002	0.005	0.006	0.004	0.002	0.005	0.005	0.005
1	6	Near MRF Floor Sump	0.003	0.004	0.004	0.005	0.003	0.004	0.009	0.003	0.003	0.005	0.003	0.003	0.009	0.006	0.004	0.005	0.005	0.003	0.003	0.005
2	7	Between C500 and Eyewash, In Front of Control Room	0.006	0.005	0.005	0.006	0.004	0.006	0.009	0.006	0.006	0.006	0.006	0.006	0.004	0.007	0.005	0.004	0.006	0.006	0.006	0.006
2	8	Between D930 and C980	0.004	0.004	0.005	0.005	0.004	0.006	0.007	0.006	0.006	0.006	0.006	0.006	0.003	0.006	0.004	0.004	0.003	0.004	0.003	0.005
2	9	Between D290 and D430	0.004	0.004	0.004	0.005	0.004	0.004	0.006	0.006	0.003	0.003	0.005	0.004	0.004	0.007	0.003	0.004	0.003	0.004	0.003	0.005
2	10	Between D180 and D120	0.004	0.003	0.005	0.006	0.004	0.006	0.006	0.004	0.006	0.006	0.004	0.009	0.009	0.007	0.003	0.004	0.003	0.005	0.005	0.005
2	11	Between M140 and D101	0.003	0.005	0.004	0.006	0.004	0.006	0.006	0.002	0.003	0.002	0.004	0.003	0.011	0.003	0.003	0.004	0.003	0.004	0.004	0.005
2	12	Between Trommels	0.004	0.006	0.006	0.007	0.005	0.006	0.009	0.006	0.006	0.007	0.005	0.007	0.028	0.007	0.004	0.003	0.005	0.006	0.006	0.008
2	13	Between AWS 550s	0.003	0.005	0.006	0.009	0.004	0.004	0.007	0.004	0.006	0.004	0.003	0.005	0.011	0.006	0.004	0.004	0.003	0.007	0.007	0.006
																						0.006
MSW	Point	Location Description	NH3	NH3	NH3	NH3	NH3	NH3	NH3	NH3	NH3	NH3	NH3	NH3	NH3	NH3	NH3	NH3	NH3	NH3	NH3	NH3
			(ppmv)	(ppmv)	(ppmv)	(ppmv)	(ppmv)	(ppmv)	(ppmv)	(ppmv)	(ppmv)	(ppmv)	(ppmv)	(ppmv)	(ppmv)	(ppmv)	(ppmv)	(ppmv)	(ppmv)	(ppmv)	(ppmv)	(ppmv)
1	1	East Corner of Tip Floor Rollup Door	0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.5	0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.083
1	2	Near Residual Pile on Tip Floor	0.0	0.5	0.0	0.5	0.0	0.0	0.5	0.5	1.0	0.0	0.5	0.0	0.5	0.0	0.5	0.0	0.0	0.0	0.0	0.233
1	3	Corridor Between MRF and Tip Floor (air moving from MRF to Tip Floor)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.5	0.5	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.083
2	4	Between C1450 and C520	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.5	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.050
2	5	Near C740	0.0	0.0	0.0	0.5	0.5	0.5	0.0	1.0	0.5	0.5	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.133
1	6	Near MRF Floor Sump	0.0	0.0	0.0	0.5	0.0	0.0	0.5	0.5	1.0	0.0	0.5	0.5	0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.183
2	7	Between C500 and Eyewash, In Front of Control Room	0.0	0.0	0.0	0.5	0.0	0.0	0.5	0.5	1.5	1.0	0.0	0.5	0.5	0.5	0.0	0.0	0.0	0.0	0.0	0.200
2	8	Between D930 and C980	0.0	0.0	0.0	0.5	1.0	0.0	0.0	0.5	1.0	1.0	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.167
2	9	Between D290 and D430	0.0	0.0	0.0	1.0	0.5	0.5	0.5	1.0	1.0	1.0	0.0	0.0	0.5	0.5	0.0	0.0	0.0	0.0	0.0	0.283
2	10	Between D180 and D120	0.0	0.0	0.0	1.0	0.5	1.0	0.5	1.0	1.0	1.5	1.0	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.367
2	11	Between M140 and D101	0.0	1.0	0.5	1.0	0.5	0.5	0.5	1.0	1.0	1.0	1.0	0.0	0.0	1.0	0.5	0.0	0.0	0.0	0.0	0.433
2	12	Between Trommels	0.0	0.5	0.0	0.5	0.0	0.5	1.0	0.5	1.5	1.5	0.5	0.0	0.5	1.0	0.0	0.0	0.0	0.0	0.0	0.450
2	13	Between AWS 550s	0.0	1.0	0.5	1.0	0.5	0.0	0.5	0.5	1.5	1.5	1.5	0.5	0.0	1.0	0.0	0.5	0.0	0.5	0.5	0.550
																						0.247
MSW	Point	Location Description	PM2.5	PM2.5	PM2.5	PM2.5	PM2.5	PM2.5	PM2.5	PM2.5	PM2.5	PM2.5	PM2.5	PM2.5	PM2.5	PM2.5	PM2.5	PM2.5	PM2.5	PM2.5	PM2.5	PM2.5
			(ug/m3)	(ug/m3)	(ug/m3)	(ug/m3)	(ug/m3)	(ug/m3)	(ug/m3)	(ug/m3)	(ug/m3)	(ug/m3)	(ug/m3)	(ug/m3)	(ug/m3)	(ug/m3)	(ug/m3)	(ug/m3)	(ug/m3)	(ug/m3)	(ug/m3)	(ug/m3)
1	1	East Corner of Tip Floor Rollup Door	19.2	16.0	39.2	13.0	20.9	27.9	20.6	28.5	18.9	27.5	25.2	27.7	23.0	18.9	10.8	19.9	19.9	19.9	19.9	27.2
1	2	Near Residual Pile on Tip Floor	13.8	11.3	30.2	13.3	17.7	22.2	22.6	21.5	22.2	28.4	25.8	43.3	11.8	31.9	38.4	13.3	9.4	38.1	29.0	29.0
1	3	Corridor Between MRF and Tip Floor (air moving from MRF to Tip Floor)	5.9	7.7	32.9	11.8	12.5	12.0	20.5	17.5	19.9	15.8	13.5	32.1	14.1	23.3	27.1	12.0	9.0	7.3	18.4	18.4
2	4	Between C1450 and C520	6.5	8.2	19.7	13.9	17.1	14.0	18.2	16.3	17.6	20.9	18.1	25.9	13.7	17.8	33.2	13.5	11.3	12.2	18.1	18.1
2	5	Near C740	15.6	11.6	27.3	12.9	21.9	38.5	45.3	29.4	14.8	13.8	20.3	18.4	12.2	40	33.9	10.4	8.9	22.2	24.9	24.9
1	6	Near MRF Floor Sump	4.3	5.5	7.1	7.6	21.4	8.7	23.0	11.5	17.6	12.1	20.4	20.4	38.4	19.5	22.7	13.6	6.3	6.7	16.8	16.8
2	7	Between C500 and Eyewash, In Front of Control Room	10.5	7.6	29.6	12.2	22.5	13.2	21.3	18.8	22.4	19.8	18.9	34.4	24.8	23	67.1	10.5	8.6	16.6	24.1	24.1
2	8	Between D930 and C980	13.7	5.7	27.9	14.2	20.6	36.1	32.3	23.9	20.8	23.3	21.4	20.5	24.7	33.4	42.4	15.7	9.7	19.9	25.4	25.4
2	9	Between D290 and D430	20.5	16.5	27.6	23.5	30.5	37.1	41.1	42.3	27.8	27.4	19.9	21.7	16.7	42.6	51.9	10.2	13.1	16.7	30.7	30.7
2	10	Between D180 and D120	23.1	12.4	28.6	23.6	26.2	25.2	36.0	29.9	18.2	16.6	32.9	18.7	34.5	51.5	22.6	11.6	8.8	17.7	40.7	40.7
2	11	Between M140 and D101	18.6	24.6	29.2	22.9	23.3	18.9	32.6	30.8	31.8	16.9	43.5	17.2	9.3	43.5	65.5	12.7	10.4	22.8	32.7	32.7
2	12	Between Trommels	24.1	14.4	27.2	17.9	27.2	29.7	38.1	21.3	31.4	30.7	23.3	32.5	17.1	39.1	77.8	12.3	7.3	21.3	34.3	34.3
2	13	Between AWS 550s	25.0	22.4	27.5	25.8	26.5	22.8	34.6	25.6	37.9	34.2	44.6	32.5	26.3	38.2	19.9	12.5	9.3	32.7	34.7	34.7
																						27.4
MSW	Point	Location Description	PM10	PM10	PM10	PM10	PM10	PM10	PM10	PM10	PM10	PM10	PM10	PM10	PM10	PM10	PM10	PM10	PM10	PM10	PM10	PM10
			(ug/m3)	(ug/m3)	(ug/m3)	(ug/m3)	(ug/m3)	(ug/m3)	(ug/m3)	(ug/m3)	(ug/m3)	(ug/m3)	(ug/m3)	(ug/m3)	(ug/m3)	(ug/m3)	(ug/m3)	(ug/m3)	(ug/m3)	(ug/m3)	(ug/m3)	(ug/m3)
1	1	East Corner of Tip Floor Rollup Door	28.5	25.2	56.0	17.3	30.4	45.8	32.0	44.8	27.9	43.7	29.1	27.5	35.5	38.9	36.9	27.4	16.0	30.7	41.3	41.3
1	2	Near Residual Pile on Tip Floor	22.4	18.3	46.4	19.6	26.9	33.8	34.5	31.7	33.7	44.1	44.0	71.8	18.9	47.9	62.7	19.7	13.8	61.4	46.3	46.3
1	3	Corridor Between MRF and Tip Floor (air moving from MRF to Tip Floor)	7.9	10.6	52.9	16.8	18.4	18.5	30.4	26.6	29.6	25.0	23.0	53.4	37.8	46.1	45.1	17.9	13.1	9.6	29.5	29.5
2	4	Between C1450 and C520	8.8	12.0	29.9	20.6	24.0	21.2	28.4	25.5	26.7	32.1	29.8	41.8	18.1	26.6	52.1	19.2	17.8	19.5	27.6	27.6
2	5	Near C740	24.3	16.2	45.5	19.5	32.1	63.6	75.2	47.4	23.7	21.3	30.4	26.7	21.3	66.7	51.8	15.0	13.9	37.4	40.5	40.5
1	6	Near MRF Floor Sump	5.1	8.0	11.9	10.1	30.6	12.7	35.4	27.2	18.0	31.6	32.7	18.9	28.8	34.4	20.1	9.4	8.6	24.4	24.4	
2	7	Between C500 and Eyewash, In Front of Control Room	15.5	11.3	47.9	18.6	33.6	19.3	33.3	29.5	35.5	32.0	31.7	56.5	18.2	36.1	108.1	15.4	13.3	26.2	37.3	37.3
2	8	Between D930 and C980	21.8	7.9	48.6	22.5	31.7	58.6	51.6	37.7	32.6	36.6	35.4									

APPENDIX B - MRF BUILDING PLAN

BUILDING AREA TABULATION

NO.	DESCRIPTION	OCCUPANCY	NON OCCUPIED	OFFICES (B)	FACTORY (F-1)	STORAGE (S)	SF/OCC	OCCUPANT COUNT	B OCCUPANTS	F & S OCCUPANTS
LEVEL 1										
001	BATHY LOBBY	B					100	1	1.0	
002	INTERIOR STAIR	B					100	4.0	4.0	
003	TRUCK SHADE	B					200	0.1	0.1	0
004	RECEPTION ROOM	B					100	0.6	0.6	
005	SCOURING	F1			29,716		200	78.1	78.1	
006	TRUCK	S1			27,481		200	55.1	55.1	
01	CONFERENCE	F1			718		100	1.1	1.1	
01	ELECTRICAL	S1			111		200	1.4	1.4	
LEVEL 1 TOTAL										
					66,744	87	200	148	6.7	156
MEZZANINE 1										
100	INTERIOR STAIR	B					100	1.0	1.0	
101	MECH. ROOM	B					100	1.1	1.1	
102	STAIR LOBBY	B					221	0.1	0.1	
103	RECEPTION	B					100	3.1	3.1	
104	LOBBY	B					200	3.1	3.1	
105	MULTI-PURPOSE	B					1,152	87.1	87.1	
106	STORAGE 2	B					100	0.1	0.1	0.1
107	MECH. 1	B					100	0.7	0.7	
108	MECH. 2	B					71	0.1	0.1	
109	CONFERENCE	B					200	0.6	0.6	
110	OFFICE 1	B					214	1.1	1.1	
111	OFFICE 2	B					188	1.1	1.1	
112	OFFICE 3	B					188	1.1	1.1	
113	OFFICE 4	B					173	0.9	0.9	
114	LOCKER	B					175	0.1	0.1	
115	MECH. ROOM	B					42	0.1	0.1	
116	MECH. 3	B					100	0.1	0.1	
117	MECH. 4	B					211	2.2	2.2	
118	STORAGE 1	B					151	1.1	1.1	3.1
119	HALL 1	B					240	1.8	1.8	
120	HALL 2	B					223	1.1	1.1	
121	HALL 3	B					100	0.1	0.1	
122	STORAGE 3	B					100	0.1	0.1	0.1
MEZZANINE 1 TOTAL										
					4,311		200	131.2	136	2.7
MEZZANINE 2										
200	INTERIOR STAIR	B					100	1.0	1.0	
201	MECH. ROOM	B					100	1.0	1.0	
202	STAIR LOBBY	B					110	1.0	1.0	
203	LOBBY	B					87	0.6	0.6	
204	RECEPTION	B					100	1.0	1.0	
205	LOBBY	B					200	1.4	1.4	
206	OPEN OFFICE	B					400	1.4	1.4	
207	OFFICE 1	B					188	1.1	1.1	
208	OFFICE 2	B					188	1.1	1.1	
209	OFFICE 3	B					188	1.1	1.1	
210	CONFERENCE	B					131	0.6	0.6	
211	MECH. ROOM	B					42	0.1	0.1	
212	MECH. 1	B					211	1.8	1.8	
213	MECH. 2	B					71	0.1	0.1	
214	HALL	B					200	1.1	1.1	
215	STORAGE	B					100	0.1	0.1	0.1
216	HALL	B					100	0.1	0.1	
MEZZANINE 2 TOTAL										
					4,281		200	70.1	69	1.6
BUILDING TOTAL										
					66,744	87	200	338.4	287	160

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

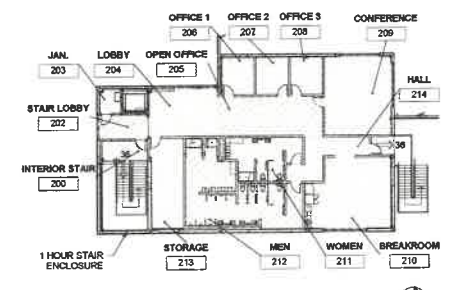
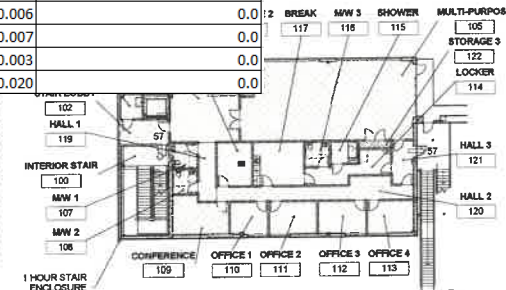
ALLOWABLE BUILDING AREA

PERMITTED AND OPEN SPACE INFORMATION (CBC 501)

NOTE: MRF FIT-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 Resigul 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



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

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

PROVIDE YELLOW WARNING STRIPPING DEMONSTRATING EXIT PATHS TO BE MAINTAINED CLEAR

Sample Locations Are Approximate

MRF

MRF MATERIAL RECOVERY FACILITY
 383 TAJIGUAS LANDFILL ROAD
 GOLETA, CA

TAJIGUAS RESOURCE RECOVERY PROJECT

CONSTRUCTION
DIANI COMPANIES
 Santa Maria

381 NORTH BLOSSER ROAD
 PO BOX 8787
 SANTA ANITA, CA 93458 - 8787
 (805) 473-2731
 FAX: (805) 928-2150

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

GARY W. MADJEDI, ARCHITECT
 330 Adobe Place
 Arroyo Grande, CA 93420
 (805) 473-2731
 gmajedi@earthlink.net

SEAL OF THE STATE OF CALIFORNIA
 ARCHITECT
 GARY W. MADJEDI
 No. 019784
 Exp. 06/30/2021

PERMIT NO: 19REV-00345

REVISIONS

NO.	DESCRIPTION	DATE	BY
1	AS SHOWN		
2	REVISION 2		

STATUS: REVIEW
 DATE: 4/21/21
 PROJECT NO: 19021

SHEET NAME: EXITING PLANS

SHEET NO: G200



May 10, 2023

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

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

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

Aimee:

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

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

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

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

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

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

Sincerely,

MSB Investors, LLC

A handwritten signature in blue ink that reads "John Dewey". The signature is fluid and cursive, with the first name "John" and last name "Dewey" clearly legible.

John Dewey
CEO & Managing Member

APPENDIX B - MRF BUILDING PLAN

BUILDING AREA TABULATION

NO.	DESCRIPTION	OCCUPANCY	NON OCCUPIED	OFFICES (B)	FACTORY (F-1)	STORAGE (S)	SF/OCC	OCCUPANT COUNT	B OCCUPANTS	F & S OCCUPANTS
LEVEL 1										
001	BATHY LOBBY	B					100	1	1.0	
002	INTERIOR STAIR	B					100	4.0	4.0	
003	TRUCK SHADE	B					200	0.1	0.1	0
004	RECEPTION ROOM	B					100	0.6	0.6	
005	SCOURING	F1			29,716		200	78.1	78.1	
006	TRUCK	S1			27,481		200	55.1	55.1	
01	CONFERENCE	F1			718		100	7.1	7.1	
01	ELECTRICAL	S1			111		200	1.4	1.4	
LEVEL 1 TOTAL										
MEZZANINE 1										
100	INTERIOR STAIR	B					100	3.0	3.0	
101	REST ROOM	B					100	1.1	1.1	
102	STAIR LOBBY	B					221	0.1	0.1	
103	RECEPTION	B					100	3.1	3.1	
104	LOBBY	B					200	3.1	3.1	
105	MULTI-PURPOSE	B					1,152	87.1	87.1	
106	STORAGE 2	B					100	0.1	0.1	
107	MEET 1	B					100	0.7	0.7	
108	MEET 2	B					71	0.1	0.1	
109	CONFERENCE	B					200	0.6	0.6	
110	OFFICE 1	B					214	1.1	1.1	
111	OFFICE 2	B					188	1.1	1.1	
112	OFFICE 3	B					188	1.1	1.1	
113	OFFICE 4	B					173	0.9	0.9	
114	LOCKER	B					175	0.1	0.1	
115	MEET	B					42	0.1	0.1	
116	MEET 3	B					100	2.2	2.2	
117	MEET 4	B					100	1.1	1.1	
118	MEET 5	B					200	1.0	1.0	
119	HALL 1	B					243	3.1	3.1	
120	HALL 2	B					100	3.1	3.1	
121	HALL 3	B					100	0.1	0.1	
122	STORAGE 3	B					111	1.6	1.6	
MEZZANINE 1 TOTAL										
MEZZANINE 2										
200	INTERIOR STAIR	B					100	1.1	1.1	
201	REST ROOM	B					100	1.1	1.1	
202	STAIR LOBBY	B					111	0.1	0.1	
203	LOBBY	B					87	0.1	0.1	
204	LOBBY	B					200	2.4	2.4	
205	OPEN OFFICE	B					400	1.4	1.4	
206	OFFICE 1	B					148	1.3	1.3	
207	OFFICE 2	B					150	1.1	1.1	
208	OFFICE 3	B					150	1.4	1.4	
209	CONFERENCE	B					134	36.1	36.1	
210	MEET	B					631	4.2	4.2	
211	MEET	B					270	1.8	1.8	
212	MEET	B					731	7.4	7.4	
213	STORAGE	B					131	1.1	1.1	
214	HALL	B					211	2.1	2.1	
MEZZANINE 2 TOTAL										
BUILDING TOTAL										

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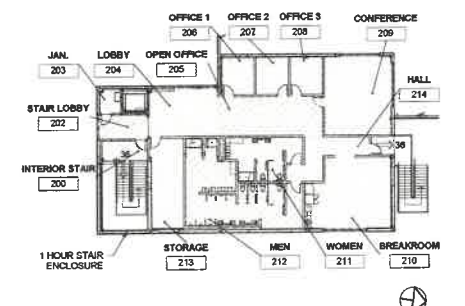
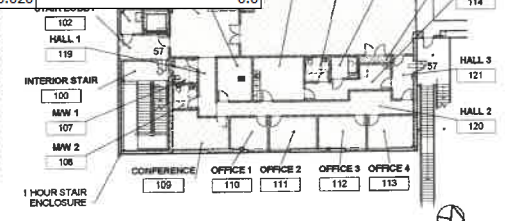
ALLOWABLE BUILDING AREA

PERMITTED AND OPEN SPACE INFORMATION (CBC 501)

NOTE: MRF FIT-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 Resigul 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
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OUTLINES DENOTE AREAS WHERE FUTURE EQUIPMENT HAS LESS THAN 7' CLEAR HEADROOM BELOW

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

PROVIDE YELLOW WARNING STRIPPING DEMONSTRATING EXIT PATHS TO BE MAINTAINED CLEAR

Sample Locations Are Approximate

MRF

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MSB Investors, LLC
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 Newport Beach, CA 92660

GARY W. MADJEDI, ARCHITECT
 330 Adobe Place
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 (805) 473-2731
 gmadjedi@earthlink.net

SEAL OF THE STATE OF CALIFORNIA
 ARCHITECT
 GARY W. MADJEDI
 No. 019784
 Exp. 06/30/2021

PERMIT NO: 19REV-00345

REVISIONS

NO	DESCRIPTION	DATE	BY
1	AS SHOWN		

STATUS: REVIEW
 DATE: 4/21/21
 PROJECT NO: 19021

SHEET NAME: EXITING PLANS

SHEET NO: **G200**



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

July 10, 2023

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

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

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

Aimee:

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

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

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

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

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

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

Sincerely,

MSB Investors, LLC

A handwritten signature in blue ink that reads "John Dewey".

John Dewey
CEO & Managing Member

APPENDIX A - MRF INDOOR AIR SAMPLING

Facility Emissions During Operations Without Operational Biofilters and Baghouses

MSW	Point	Location Description	Friday	Friday	Friday	Friday	Friday	Friday	Friday	Friday	Friday	Friday	Friday	Friday	Friday	Friday	Friday	Friday	Friday	Friday	Friday	2/3/23-
			(2/3/23)	(2/10/23)	(2/17/23)	(2/28/23)	(3/3/23)	(3/10/23)	(3/17/23)	(3/24/23)	(3/31/23)	(4/7/23)	(4/13/23)	(4/20/23)	(4/27/23)	(5/5/23)	(5/12/23)	(5/19/23)	(5/26/23)	(6/2/23)	(6/9/23)	(6/16/23)
			H2S	H2S	H2S	H2S	H2S	H2S	H2S	H2S	H2S	H2S	H2S	H2S	H2S	H2S	H2S	H2S	H2S	H2S	H2S	H2S
			(ppmv)	(ppmv)	(ppmv)	(ppmv)	(ppmv)	(ppmv)	(ppmv)	(ppmv)	(ppmv)	(ppmv)	(ppmv)	(ppmv)	(ppmv)	(ppmv)	(ppmv)	(ppmv)	(ppmv)	(ppmv)	(ppmv)	(ppmv)
1	1	East Corner of Tip Floor Rollup Door	0.007	0.003	0.001	0.003	0.002	0.002	0.005	0.005	0.007	0.004	0.003	0.008	0.001	0.012	0.002	0.009	0.004	0.003	0.004	0.009
	2	Near Residual Pile on Tip Floor	0.007	0.009	0.007	0.004	0.008	0.009	0.004	0.007	0.006	0.008	0.006	0.009	0.005	0.005	0.009	0.006	0.006	0.004	0.003	0.006
1	3	Corridor Between MRF and Tip Floor (air moving from MRF to Tip Floor)	0.007	0.009	0.009	0.009	0.008	0.003	0.003	0.006	0.003	0.004	0.002	0.002	0.001	0.004	0.003	0.005	0.000	0.003	0.002	0.005
2	4	Between C1450 and C520	0.007	0.005	0.005	0.012	0.006	0.004	0.002	0.004	0.001	0.002	0.001	0.003	0.001	0.003	0.004	0.003	0.000	0.004	0.004	0.003
1	5	Near C740	0.002	0.004	0.002	0.002	0.005	0.006	0.004	0.002	0.005	0.003	0.002	0.004	0.003	0.002	0.006	0.006	0.003	0.005	0.006	0.006
1	6	Near MRF Floor Sump	0.005	0.003	0.003	0.009	0.006	0.004	0.005	0.005	0.003	0.003	0.003	0.003	0.003	0.002	0.004	0.004	0.003	0.003	0.006	0.004
2	7	Between C500 and Eyewash, In Front of Control Room	0.006	0.006	0.006	0.004	0.007	0.005	0.004	0.006	0.006	0.005	0.003	0.003	0.004	0.003	0.005	0.004	0.002	0.004	0.004	0.003
2	8	Between D930 and C980	0.006	0.006	0.006	0.003	0.006	0.004	0.004	0.003	0.004	0.004	0.002	0.003	0.003	0.007	0.004	0.000	0.004	0.008	0.004	0.007
2	9	Between D290 and D430	0.005	0.004	0.004	0.004	0.007	0.003	0.004	0.003	0.004	0.004	0.002	0.003	0.003	0.006	0.003	0.005	0.000	0.003	0.008	0.005
2	10	Between D180 and D120	0.006	0.004	0.009	0.009	0.007	0.003	0.004	0.003	0.005	0.004	0.003	0.003	0.004	0.002	0.003	0.005	0.001	0.004	0.005	0.005
2	11	Between M140 and D101	0.002	0.004	0.003	0.011	0.003	0.003	0.004	0.003	0.004	0.003	0.003	0.003	0.003	0.003	0.006	0.000	0.006	0.004	0.006	0.003
2	12	Between Trommels	0.007	0.005	0.007	0.028	0.007	0.004	0.003	0.005	0.006	0.004	0.003	0.004	0.003	0.003	0.004	0.004	0.001	0.006	0.004	0.003
2	13	Between AWS 550s	0.004	0.003	0.005	0.011	0.006	0.004	0.004	0.003	0.007	0.005	0.003	0.002	0.003	0.003	0.004	0.004	0.001	0.004	0.003	0.004
																						0.004
			NH3	NH3	NH3	NH3	NH3	NH3	NH3	NH3	NH3	NH3	NH3	NH3	NH3	NH3	NH3	NH3	NH3	NH3	NH3	NH3
			(ppmv)	(ppmv)	(ppmv)	(ppmv)	(ppmv)	(ppmv)	(ppmv)	(ppmv)	(ppmv)	(ppmv)	(ppmv)	(ppmv)	(ppmv)	(ppmv)	(ppmv)	(ppmv)	(ppmv)	(ppmv)	(ppmv)	(ppmv)
1	1	East Corner of Tip Floor Rollup Door	0.5	-	-	-	-	-	-	-	-	-	0.5	1.0	-	-	-	-	0.5	-	-	-
	2	Near Residual Pile on Tip Floor	1.0	-	0.5	-	0.5	-	-	-	-	1.0	1.0	1.0	0.5	-	-	0.5	0.5	-	-	-
1	3	Corridor Between MRF and Tip Floor (air moving from MRF to Tip Floor)	0.5	-	-	-	0.5	-	-	-	-	-	-	-	-	-	-	-	0.5	-	-	-
2	4	Between C1450 and C520	0.5	-	-	-	-	-	-	-	-	-	0.5	-	-	-	-	0.5	0.5	-	-	-
1	5	Near C740	0.5	-	-	-	0.5	-	-	-	-	0.5	1.0	-	0.5	-	-	-	0.5	-	-	-
1	6	Near MRF Floor Sump	-	0.5	0.5	-	0.5	-	-	-	-	-	-	-	-	-	-	-	0.5	-	-	-
2	7	Between C500 and Eyewash, In Front of Control Room	1.0	-	0.5	0.5	0.5	-	-	-	-	-	0.5	0.5	-	-	-	0.5	0.5	-	-	-
2	8	Between D930 and C980	1.0	-	-	-	0.5	-	-	-	-	-	0.5	1.0	-	0.5	-	-	-	0.5	-	-
2	9	Between D290 and D430	1.0	-	-	0.5	0.5	-	-	-	-	-	1.0	0.5	0.5	-	-	0.5	1.0	-	-	-
2	10	Between D180 and D120	1.5	1.0	-	-	0.5	-	-	-	-	-	1.0	-	0.5	-	-	-	0.5	-	-	-
2	11	Between M140 and D101	1.0	1.0	-	-	1.0	0.5	-	-	-	-	0.5	1.5	0.5	0.5	-	0.5	0.5	0.5	-	-
2	12	Between Trommels	1.5	0.5	-	-	0.5	1.0	-	-	-	-	1.0	1.5	1.0	1.0	-	-	0.5	0.5	0.1	-
2	13	Between AWS 550s	1.5	1.5	0.5	-	1.0	-	0.5	-	0.5	0.5	1.5	1.0	0.5	-	-	-	1.0	-	-	-
																						0.48
																						0.24
			PM2.5	PM2.5	PM2.5	PM2.5	PM2.5	PM2.5	PM2.5	PM2.5	PM2.5	PM2.5	PM2.5	PM2.5	PM2.5	PM2.5	PM2.5	PM2.5	PM2.5	PM2.5	PM2.5	PM2.5
			(ug/m3)	(ug/m3)	(ug/m3)	(ug/m3)	(ug/m3)	(ug/m3)	(ug/m3)	(ug/m3)	(ug/m3)	(ug/m3)	(ug/m3)	(ug/m3)	(ug/m3)	(ug/m3)	(ug/m3)	(ug/m3)	(ug/m3)	(ug/m3)	(ug/m3)	(ug/m3)
1	1	East Corner of Tip Floor Rollup Door	27.5	22.5	17.3	25.2	27.7	23.0	18.9	10.8	19.9	26.9	18.2	26.3	16.8	12.6	23.0	34.0	24.2	10.9	15	11.5
	2	Near Residual Pile on Tip Floor	28.4	25.8	43.3	11.8	31.9	38.4	13.3	9.4	38.1	48.2	44.4	27.0	12.5	12.2	38.4	24.8	24.7	11.8	14.1	13.7
1	3	Corridor Between MRF and Tip Floor (air moving from MRF to Tip Floor)	15.8	13.5	32.1	14.1	23.3	27.1	12.0	9.0	7.3	14.6	19.5	16.0	10.0	8.7	27.1	40.5	42.2	11.4	13.3	9.8
2	4	Between C1450 and C520	20.9	18.1	25.9	13.7	17.8	33.2	13.5	11.3	12.2	12.7	46.8	19.1	18.1	10	33.2	10.5	8.5	13.3	18.7	10
1	5	Near C740	13.8	20.3	18.4	12.2	40	33.9	10.4	8.9	22.2	19.4	32.3	24.4	22.2	16.5	33.9	12.5	9.9	17.8	10.8	11.8
1	6	Near MRF Floor Sump	12.1	20.4	20.4	38.4	19.5	22.7	13.6	6.3	6.7	14.5	17.1	17.7	11.3	9.2	22.7	22.6	27.3	10.0	8	9.2
2	7	Between C500 and Eyewash, In Front of Control Room	19.8	18.9	34.4	24.8	23	67.1	10.5	8.6	16.6	17.0	23.1	21.9	14.9	19.3	67.1	31.3	26.6	17.0	34.8	20.1
2	8	Between D930 and C980	23.3	21.4	20.5	24.7	33.4	42.4	15.7	9.7	19.9	18.7	35.6	24.1	21.8	16.7	42.4	38.5	30.6	25.7	23.1	24.0
2	9	Between D290 and D430	27.4	19.9	21.7	16.7	42.6	51.9	10.2	13.1	16.7	24.7	32.5	22.5	28.3	17.2	51.9	48.9	48.8	20.4	15.3	19.7
2	10	Between D180 and D120	16.6	32.9	18.7	34.5	51.5	22.6	11.6	8.8	17.7	31.5	39.6	24.5	30.2	29.8	22.6	29.8	7.3	24.3	20.5	21.7
2	11	Between M140 and D101	16.9	43.5	17.2	9.3	43.5	65.5	12.7	10.4	22.8	16.4	43.8	29.5	30.8	23.7	65.5	15.4	16.4	24.4	21.6	24.1
2	12	Between Trommels	30.7	23.3	32.5	17.1	39.1	77.8	12.3	7.3	21.3	48.6	36.2	39.3	29.8	26.2	77.8	40.5	33.1	29.4	170.2	27.0
2	13	Between AWS 550s	34.2	44.6	32.5	26.3	38.2	19.9	12.5	9.3	32.7	50.2	44.2	34.0	28.9	42.3	19.9	19.2	40.5	15.6	34.4	12.5
																						30.2
																						24.4
			PM10	PM10	PM10	PM10	PM10	PM10	PM10	PM10	PM10	PM10	PM10	PM10	PM10	PM10	PM10	PM10	PM10	PM10	PM10	PM10
			(ug/m3)	(ug/m3)	(ug/m3)	(ug/m3)	(ug/m3)	(ug/m3)	(ug/m3)	(ug/m3)	(ug/m3)	(ug/m3)	(ug/m3)	(ug/m3)	(ug/m3)	(ug/m3)	(ug/m3)	(ug/m3)	(ug/m3)	(ug/m3)	(ug/m3)	(ug/m3)
1	1	East Corner of Tip Floor Rollup Door	43.7	29.1	27.5	35.5	38.9	36.9	27.4	16.0	30.7	50.5	28.4	41.4	23.1	20.1	36.9	20.1	44.4	16.5	23.3	19.1
	2	Near Residual Pile on Tip Floor	44.1	44.0	71.8	18.9	47.9	62.7	19.7	13.8	61.4	72.1	73.7	42.4	19.7	18.2	62.7	26.5	52.4	18.1	21.3	18.9
1	3	Corridor Between MRF and Tip Floor (air moving from MRF to Tip Floor)	25.0	23.0	53.4	37.8	46.1	45.1	17.9	13.1	9.6	22.0	30.7	23.4	13.6	15.1	45.1	28.4	90.5	16.9	19.6	17.2
2	4	Between C1450 and C520	32.1	29.8	41.8	18.1	26.6	52.1	19.2	17.8	19.5	21.4	82.0	30.1	26.2	14.7	52.1	14.0	59.9	19.6	28.6	21.1
1	5	Near C740	21.3	30.4	26.7	21.3	66.7	51.8	15.0	13.9	37.4	27.9	48.8	37.4	34.1	25.5	51.8	14.1	43.8	27.3	17	23.3
1	6	Near MRF Floor Sump	18.0	31.6	32.7	18.9	28.8	34.4	20.1	9.4	8.6	21.5	26.1	27.8	16.7	16.1	34.4	26.22	65.2	14.5	12.3	14.3
2	7	Between C500 and Eyewash, In Front of Control Room	32.0	31.7	56.5	18.2	36.1	108.1	15.4	13.3	26.2	25.4	38.3	34.3	22.0	30	108.1	14.3	15.5	25.3	55.8	31.3
2	8	Between D930 and C980	36.6	35.4	31.6	62.7	53.8	65.8	25.6	15.3	33.6	25.9	55.8	37.1	33.3	24.8	65.8	21.1	24.3	41.9	39.4	36.9
2	9	Between D290 and D430	44.2	32.4	35.7	26.5	67.9	65.0	15.2	21.8	26.8	32.4	50.8	34.5	43.4	26.8	65.0	20.4				

APPENDIX B - MRF BUILDING PLAN

BUILDING AREA TABULATION

NO.	DESCRIPTION	OCCUPANCY	NON OCCUPIED	OFFICES (B)	FACTORY (F-1)	STORAGE (S)	SF/OCC	OCCUPANT COUNT	B OCCUPANTS	F & S OCCUPANTS
LEVEL 1										
001	BATHY LOBBY	B					100	1	1.0	
002	INTERIOR STAIR	B					100	4.0	4.0	
003	TRUCK SHADE	B					200	0.1	0.1	0
004	RECEPTION ROOM	B					100	0.6	0.6	
005	SCOURING	F1			29,716		200	78.1	78.1	
006	TRUCK	S1			27,461		200	55.1	55.1	
01	CONFERENCE	F1			718		100	7.1	7.1	
01	ELECTRICAL	S1			111		200	3.0	3.0	
LEVEL 1 TOTAL										
MEZZANINE 1										
100	INTERIOR STAIR	B					100	3.0	3.0	
101	MECH. ROOM	B					100	1.1	1.1	
102	STAIR LOBBY	B					221	0.1	0.1	
103	RECEPTION	B					41	3.0	3.0	
104	LOBBY	B					100	3.0	3.0	
105	MULTI-PURPOSE	B					1,152	87.1	87.1	
106	STORAGE 1	B					100	0.1	0.1	
107	MECH. 1	B					100	0.7	0.7	
108	MECH. 2	B					71	0.1	0.1	
109	CONFERENCE	B					200	0.6	0.6	
110	OFFICE 1	B					214	3.1	3.1	
111	OFFICE 2	B					188	1.1	1.1	
112	OFFICE 3	B					188	1.1	1.1	
113	OFFICE 4	B					173	0.9	0.9	
114	LOCKER	B					175	0.1	0.1	
115	MECH. 3	B					42	0.1	0.1	
116	MECH. 4	B					100	0.1	0.1	
117	MECH. 5	B					211	2.2	2.2	
118	STORAGE 2	B					151	1.1	1.1	
119	HALL 1	B					240	1.8	1.8	
120	HALL 2	B					223	3.3	3.3	
121	HALL 3	B					101	3.1	3.1	
122	STORAGE 3	B					100	0.1	0.1	
MEZZANINE 1 TOTAL										
MEZZANINE 2										
200	INTERIOR STAIR	B					100	1.0	1.0	
201	MECH. ROOM	B					100	1.0	1.0	
202	STAIR LOBBY	B					110	3.0	3.0	
203	LOBBY	B					87	0.6	0.6	
204	LOBBY	B					200	2.0	2.0	
205	OPEN OFFICE	B					400	2.0	2.0	
206	OFFICE 1	B					148	1.3	1.3	
207	OFFICE 2	B					150	1.4	1.4	
208	OFFICE 3	B					150	1.4	1.4	
209	CONFERENCE	B					134	36.1	36.1	
210	MECH. 6	B					633	4.0	4.0	
211	MECH. 7	B					270	1.8	1.8	
212	MECH. 8	B					733	7.0	7.0	
213	STORAGE	B					100	1.1	1.1	
214	HALL	B					211	2.1	2.1	
MEZZANINE 2 TOTAL										
BUILDING 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

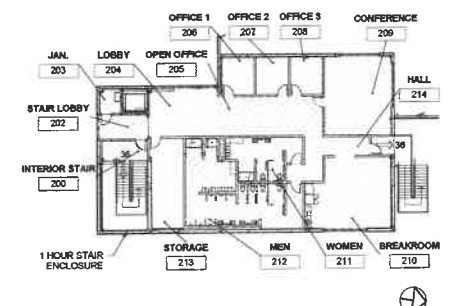
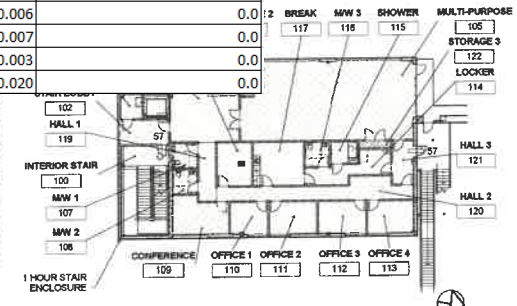
PERMITTED AND OPEN SPACE INFORMATION (CBC 501)

NOTE: MRF FIT-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 Resigul 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



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

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

PROVIDE YELLOW WARNING STRIPPING DEMONSTRATING EXIT PATHS TO BE MAINTAINED CLEAR

Sample Locations Are Approximate

MRF

MRF MATERIAL RECOVERY FACILITY
383 TAJIGUAS LANDFILL ROAD
GOLETA, CA

TAJIGUAS RESOURCE RECOVERY PROJECT

CONSTRUCTION
DIANI COMPANIES
Santia Maria

381 NORTH BLOSSER ROAD
PO BOX 8787
SANTA ANITA, CA 93458 - 8787
(805) 473-2731
gms@dianicompanies.com

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

GARY W. MADJEDI, ARCHITECT
330 Adobe Place
Alhambra, CA 91803
(800) 473-2731
gms@dianicompanies.com



PERMIT NO: 19REV-00345

REVISIONS

NO	DESCRIPTION	DATE	BY
1	ISSUED FOR PERMIT	03/18/19	GM
2	REVISED PERMIT	03/18/19	GM

STATUS: REVIEW
DATE: 4/21/21
PROJECT NO: 19021

SHEET NAME: EXITING PLANS

SHEET NO: G200



August 10, 2023

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

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

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

Aimee:

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

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

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

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

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

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

Sincerely,

MSB Investors, LLC

A handwritten signature in blue ink that reads "John Dewey". The signature is fluid and cursive, with the first name "John" and last name "Dewey" clearly legible.

John Dewey
CEO & Managing Member

APPENDIX A - MRF INDOOR AIR SAMPLING

Facility Emissions During Operations Without Operational Biofilters and Baghouses

MSW	Point	Location Description	Friday	Friday	Friday	Friday	Friday	Friday	Thurs	Thurs	Thurs	Friday	Friday	Friday	Friday	Friday	Friday	Friday	Friday	Friday	Friday	3/3/23-		
			(3/3/23)	(3/10/23)	(3/17/23)	(3/24/23)	(3/31/23)	(4/7/23)	(4/13/23)	(4/20/23)	(4/27/23)	(5/5/23)	(5/12/23)	(5/19/23)	(5/26/23)	(6/2/23)	(6/9/23)	(6/16/23)	(6/23/23)	(7/6/23)	(7/13/23)	(7/20/23)	(7/28/23)	
			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	0.002	0.002	0.005	0.005	0.007	0.004	0.003	0.008	0.008	0.001	0.012	0.002	0.009	0.004	0.003	0.004	0.009	0.012	0.007	0.016	0.014	0.006
	2	Near Residual Pile on Tip Floor	0.008	0.009	0.004	0.007	0.006	0.008	0.006	0.009	0.005	0.005	0.009	0.006	0.006	0.004	0.003	0.006	0.005	0.005	0.007	0.014	0.013	0.007
1	3	Corridor Between MRF and Tip Floor (air moving from MRF to Tip Floor)	0.008	0.003	0.003	0.006	0.003	0.004	0.002	0.002	0.001	0.004	0.003	0.005	0.000	0.003	0.002	0.005	0.004	0.002	0.003	0.003	0.003	0.003
2	4	Between C1450 and C520	0.006	0.004	0.002	0.004	0.001	0.002	0.001	0.003	0.001	0.003	0.004	0.003	0.000	0.004	0.004	0.003	0.003	0.001	0.003	0.000	0.003	0.003
2	5	Near C740	0.005	0.006	0.004	0.002	0.005	0.003	0.002	0.004	0.003	0.002	0.006	0.006	0.003	0.005	0.006	0.006	0.006	0.002	0.003	0.006	0.003	0.004
1	6	Near MRF Floor Sump	0.006	0.004	0.005	0.005	0.003	0.003	0.003	0.003	0.003	0.002	0.004	0.004	0.003	0.003	0.006	0.004	0.002	0.003	0.004	0.003	0.004	0.004
2	7	Between C500 and Eyewash, In Front of Control Room	0.007	0.005	0.004	0.006	0.006	0.005	0.003	0.003	0.004	0.003	0.005	0.004	0.002	0.004	0.004	0.003	0.003	0.003	0.006	0.004	0.004	0.004
2	8	Between D930 and C980	0.006	0.004	0.004	0.003	0.004	0.004	0.002	0.003	0.003	0.007	0.004	0.004	0.000	0.004	0.008	0.004	0.007	0.004	0.008	0.003	0.003	0.004
2	9	Between D290 and D430	0.007	0.003	0.004	0.003	0.004	0.004	0.002	0.003	0.003	0.006	0.003	0.005	0.000	0.003	0.008	0.005	0.006	0.003	0.007	0.003	0.003	0.004
2	10	Between D180 and D120	0.007	0.003	0.004	0.003	0.005	0.004	0.003	0.003	0.004	0.002	0.003	0.005	0.001	0.004	0.005	0.005	0.002	0.004	0.006	0.003	0.003	0.004
2	11	Between M140 and D101	0.003	0.003	0.004	0.003	0.004	0.003	0.003	0.003	0.003	0.003	0.003	0.006	0.000	0.006	0.004	0.006	0.003	0.002	0.006	0.003	0.004	0.004
2	12	Between Trommels	0.007	0.004	0.003	0.005	0.006	0.004	0.003	0.004	0.003	0.003	0.004	0.004	0.001	0.006	0.004	0.004	0.003	0.004	0.012	0.005	0.004	0.004
2	13	Between AWS 550s	0.006	0.004	0.004	0.003	0.007	0.005	0.003	0.002	0.003	0.003	0.004	0.004	0.001	0.004	0.003	0.004	0.003	0.003	0.007	0.004	0.004	0.004
																							0.004	
			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	-	-	-	-	-	0.5	1.0	-	-	-	-	0.5	-	-	-	-	0.5	-	-	1.0	0.5	1.0
1	2	Near Residual Pile on Tip Floor	0.5	-	-	-	-	1.0	1.0	1.0	0.5	-	-	0.5	0.5	-	-	-	-	1.0	0.5	0.5	0.5	0.35
1	3	Corridor Between MRF and Tip Floor (air moving from MRF to Tip Floor)	0.5	-	-	-	-	-	-	-	-	-	-	-	0.5	-	-	-	-	0.5	-	-	-	0.08
2	4	Between C1450 and C520	-	-	-	-	-	-	0.5	-	-	-	-	0.5	0.5	-	-	-	-	0.5	-	-	-	0.10
2	5	Near C740	0.5	-	-	-	-	0.5	1.0	-	-	0.5	-	-	0.5	-	-	-	-	1.0	-	-	0.5	0.23
1	6	Near MRF Floor Sump	0.5	-	-	-	-	-	-	-	-	-	-	-	0.5	-	-	-	-	0.5	-	-	-	0.08
2	7	Between C500 and Eyewash, In Front of Control Room	0.5	-	-	-	-	0.5	0.5	0.5	-	-	0.5	0.5	-	-	-	-	0.5	-	0.5	-	0.5	0.18
2	8	Between D930 and C980	0.5	-	-	-	-	0.5	1.0	-	0.5	-	-	-	0.5	-	-	-	-	1.0	-	-	-	0.20
2	9	Between D290 and D430	0.5	-	-	-	-	-	1.0	0.5	0.5	-	-	0.5	1.0	-	-	-	-	1.5	-	-	1.0	0.33
2	10	Between D180 and D120	0.5	-	-	-	-	-	1.0	-	0.5	-	-	-	0.5	-	-	-	-	1.0	-	-	1.5	0.25
2	11	Between M140 and D101	1.0	0.5	-	-	-	0.5	1.5	0.5	0.5	-	-	0.5	0.5	0.5	-	-	-	1.5	-	-	3.5	0.58
2	12	Between Trommels	1.0	-	-	-	-	1.0	1.5	1.0	1.0	-	-	0.5	0.5	0.1	-	-	-	1.5	0.0	-	1.5	0.48
2	13	Between AWS 550s	1.0	-	0.5	-	0.5	0.5	1.5	1.0	0.5	-	-	-	1.0	-	-	-	-	1.0	-	-	5.0	0.63
																							0.28	
			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	27.7	23.0	18.9	10.8	19.9	26.9	18.2	26.3	16.8	12.6	23.0	34.0	24.2	10.9	15	11.5	12.6	43.0	46.7	31.6	22.7	
1	2	Near Residual Pile on Tip Floor	31.9	38.4	13.3	9.4	38.1	48.2	44.4	27.0	12.5	12.2	38.4	24.8	24.7	11.8	14.1	13.7	12.2	29.7	23.0	26.8	24.7	
1	3	Corridor Between MRF and Tip Floor (air moving from MRF to Tip Floor)	23.3	27.1	12.0	9.0	7.3	14.6	19.5	16.0	10.0	8.7	27.1	40.5	42.2	11.4	13.3	9.8	8.7	19.3	13.9	8.6	17.1	
2	4	Between C1450 and C520	17.8	33.2	13.5	11.3	12.2	12.7	46.8	19.1	18.1	10	33.2	10.5	8.5	13.3	18.7	12.7	10	23.0	35.0	13.6	18.7	
2	5	Near C740	40	33.9	10.4	8.9	22.2	19.4	32.3	24.4	22.2	16.5	33.9	12.5	9.9	17.8	10.8	11.8	16.5	37.2	28.0	34.6	22.2	
1	6	Near MRF Floor Sump	19.5	22.7	13.6	6.3	6.7	14.5	17.1	17.7	11.3	9.2	22.7	22.6	27.3	10.0	8	9.2	9.2	20.4	10.4	7.7	14.3	
2	7	Between C500 and Eyewash, In Front of Control Room	23	67.1	10.5	8.6	16.6	17.0	23.1	21.9	14.9	19.3	67.1	31.3	26.6	17.0	34.8	20.1	19.3	22.5	29.2	15.5	25.3	
2	8	Between D930 and C980	33.4	42.4	15.7	9.7	19.9	18.7	35.6	24.1	21.8	16.7	42.4	38.5	30.6	25.7	23.1	24.0	16.7	37.8	27.8	14.5	26.0	
2	9	Between D290 and D430	42.6	51.9	10.2	13.1	16.7	24.7	32.5	22.5	28.3	17.2	51.9	48.9	48.8	20.4	15.3	19.7	17.2	52.3	32.1	33.9	30.0	
2	10	Between D180 and D120	51.5	22.6	11.6	8.8	17.7	31.5	39.6	24.5	30.2	29.8	22.6	29.8	7.3	24.3	20.5	21.7	29.8	41.1	30.1	34.9	26.5	
2	11	Between M140 and D101	43.5	65.5	12.7	10.4	22.8	16.4	43.8	29.5	30.8	23.7	65.5	15.4	16.4	24.4	21.6	24.1	23.7	47.4	32.2	41.0	30.5	
2	12	Between Trommels	39.1	77.8	12.3	7.3	21.3	48.6	36.2	39.3	29.8	26.2	77.8	40.5	33.1	29.4	170.2	27.0	26.2	42.0	48.3	30.2	43.1	
2	13	Between AWS 550s	38.2	19.9	12.5	9.3	32.7	50.2	44.2	34.0	28.9	42.3	19.9	19.2	40.5	15.6	34.4	12.5	42.3	40.2	41.9	39	30.9	
																							25.5	
			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	1	East Corner of Tip Floor Rollup Door	38.9	36.9	27.4	16.0	30.7	50.5	28.4	41.4	23.1	20.1	36.9	20.1	44.4	16.5	23.3	19.1	20.1	74.8	81.8	55.6	35.3	
1	2	Near Residual Pile on Tip Floor	47.9	62.7	19.7	13.8	61.4	72.1	73.7	42.4	19.7	18.2	62.7	26.5	52.4	18.1	21.3	18.9	18.2	61.5	49.6	37.2	39.9	
1	3	Corridor Between MRF and Tip Floor (air moving from MRF to Tip Floor)	46.1	45.1	17.9	13.1	9.6	22.0	30.7	23.4	13.6	15.1	45.1	28.4	90.5	16.9	19.6	17.2	15.1	31.7	23.0	13.9	26.9	
2	4	Between C1450 and C520	26.6	52.1	19.2	17.8	19.5	21.4	82.0	30.1	26.2	14.7	52.1	14.0	59.9	19.6	28.6	21.1	14.7	36.8	57.4	21.9	31.8	
2	5	Near C740	66.7	51.8	15.0	13.9	37.4	27.9	48.8	37.4	34.1	25.5	51.8	14.1	43.8	27.3	17	23.3	25.5	61.7	45.0	57.3	36.3	
1	6	Near MRF Floor Sump	28.8	34.4	20.1	9.4	8.6	21.5	26.1	27.8	16.7	16.1	34.4	26.22	65.2	14.5	12.3	14.3	16.1	32.5	17.0	12.3	22.7	
2	7	Between C500 and Eyewash, In Front of Control Room	36.1	108.1	15.4	13.3	26.2	25.4	38.3	34.3	22.0	30	108.1	14.3	15.5	25.3	55.8	31.3	30	35.7	49.8	28.3	37.2	
2	8	Between D930 and C980	53.8	65.8	25.6	15.3	33.6	25.9	55.8	37.1	33.3	24.8	65.8	21.1	24.3	41.9	39.4	36.9	24.8	64.3	48.7	25.7	38.2	
2	9	Between D290 and D430	67.9	65.0	15.2	21.8	26.8	32.4	50.8	34.5	43.4	26.8												

September 10, 2023

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

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

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

Aimee:

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

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

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

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

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

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

Sincerely,

MSB Investors, LLC



John Dewey
CEO & Managing Member

APPENDIX A - MRF INDOOR AIR SAMPLING

Facility Emissions During Operations Without Operational Biofilters and Baghouses

MSW	Point	Location Description	Friday	Thurs	Thurs	Thurs	Friday	Friday	Friday	Friday	Friday	Friday	Friday	Friday	Thursday	Friday	Friday	Friday	Friday	Friday	Friday	4/7/23-		
			(4/7/23)	(4/13/23)	(4/20/23)	(4/27/23)	(5/5/23)	(5/12/23)	(5/19/23)	(5/26/23)	(6/2/23)	(6/9/23)	(6/16/23)	(6/23/23)	(6/30/23)	(7/6/23)	(7/14/23)	(7/21/23)	(7/28/23)	(8/4/23)	(8/11/23)	(8/18/23)	(8/25/23)	8/25/23
			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	0.004	0.003	0.008	0.001	0.012	0.002	0.009	0.004	0.003	0.004	0.009	0.012	-	0.007	-	0.016	0.014	0.004	0.003	0.011	0.012	
1	2	Near Residual Pile on Tip Floor	0.008	0.006	0.009	0.005	0.005	0.009	0.006	0.006	0.004	0.003	0.002	0.005	0.005	-	0.007	-	0.014	0.013	0.005	0.012	0.009	0.016
1	3	Corridor Between MRF and Tip Floor (air moving from MRF to Tip Floor)	0.004	0.002	0.002	0.001	0.004	0.003	0.005	0.000	0.003	0.002	0.005	0.004	-	0.002	-	0.003	0.003	0.003	0.010	0.004	0.004	
2	4	Between C1450 and C520	0.002	0.001	0.003	0.001	0.003	0.004	0.003	0.000	0.004	0.004	0.003	0.003	-	0.001	-	0.003	0.000	0.001	-	0.009	0.004	
2	5	Near C740	0.003	0.002	0.004	0.003	0.002	0.006	0.006	0.003	0.005	0.006	0.006	0.002	-	0.003	-	0.006	0.003	0.003	0.006	0.006	0.006	
1	6	Near MRF Floor Sump	0.003	0.003	0.003	0.003	0.002	0.004	0.003	0.003	0.006	0.004	0.002	-	0.003	-	0.004	0.003	0.002	0.003	0.005	0.005	0.003	
2	7	Between C500 and Eyewash, In Front of Control Room	0.005	0.003	0.003	0.004	0.003	0.005	0.004	0.002	0.004	0.004	0.003	-	0.003	-	0.006	0.004	0.001	0.006	0.007	0.009	0.004	
2	8	Between D930 and C980	0.004	0.002	0.003	0.003	0.007	0.004	0.004	0.000	0.004	0.008	0.004	0.007	-	0.004	-	0.008	0.003	0.001	0.007	0.009	0.007	
2	9	Between D290 and D430	0.004	0.002	0.003	0.003	0.006	0.003	0.005	0.000	0.003	0.008	0.005	0.006	-	0.003	-	0.007	0.003	0.002	0.006	0.006	0.006	
2	10	Between D180 and D120	0.004	0.003	0.003	0.004	0.002	0.003	0.005	0.001	0.004	0.005	0.005	0.002	-	0.004	-	0.006	0.003	0.002	0.006	0.006	0.007	
2	11	Between M140 and D101	0.003	0.003	0.003	0.003	0.003	0.003	0.006	0.000	0.006	0.004	0.006	0.003	-	0.002	-	0.006	0.003	0.002	0.006	0.006	0.007	
2	12	Between Trommels	0.004	0.003	0.004	0.003	0.003	0.004	0.004	0.001	0.006	0.004	0.004	0.003	-	0.004	-	0.012	0.005	0.003	0.009	0.015	0.010	
2	13	Between AWS 550s	0.005	0.003	0.002	0.003	0.003	0.004	0.004	0.001	0.004	0.003	0.004	0.003	-	0.003	-	0.007	0.004	0.003	0.0	0.005	0.007	
																							0.004	
MSW	Point	Location Description	NH3	NH3	NH3	NH3	NH3	NH3	NH3	NH3	NH3	NH3	NH3	NH3	NH3	NH3	NH3	NH3	NH3	NH3	NH3	NH3		
			(ppmv)	(ppmv)	(ppmv)	(ppmv)	(ppmv)	(ppmv)	(ppmv)	(ppmv)	(ppmv)	(ppmv)	(ppmv)	(ppmv)	(ppmv)	(ppmv)	(ppmv)	(ppmv)	(ppmv)	(ppmv)	(ppmv)	(ppmv)	(ppmv)	(ppmv)
1	1	East Corner of Tip Floor Rollup Door	-	0.5	1.0	-	-	-	-	0.5	-	-	-	-	-	0.5	-	1.0	-	0.5	0.5	-	0.17	
1	2	Near Residual Pile on Tip Floor	1.0	1.0	1.0	0.5	-	-	0.5	0.5	-	-	-	-	-	1.0	-	0.5	0.5	-	1.0	0.5	1.0	
1	3	Corridor Between MRF and Tip Floor (air moving from MRF to Tip Floor)	-	-	-	-	-	-	-	0.5	-	-	-	-	-	0.5	-	-	-	-	0.5	-	0.5	
2	4	Between C1450 and C520	-	0.5	-	-	-	-	0.5	0.5	-	-	-	-	-	0.5	-	-	-	0.5	-	0.5	-	
2	5	Near C740	0.5	1.0	-	0.5	-	-	0.5	-	-	-	-	-	1.0	-	-	0.5	0.5	1.0	0.5	-	0.25	
1	6	Near MRF Floor Sump	-	-	-	-	-	-	-	0.5	-	-	-	-	0.5	-	-	-	0.5	-	0.5	0.5	0.12	
2	7	Between C500 and Eyewash, In Front of Control Room	-	0.5	0.5	-	-	-	0.5	0.5	-	-	-	-	0.5	-	-	0.5	0.5	1.0	0.5	0.5	0.23	
2	8	Between D930 and C980	0.5	1.0	-	0.5	-	-	0.5	-	-	-	-	-	1.0	-	-	-	0.5	-	-	-	0.17	
2	9	Between D290 and D430	-	1.0	0.5	0.5	-	-	0.5	1.0	-	-	-	-	1.0	-	-	1.0	0.5	0.5	0.5	0.5	0.31	
2	10	Between D180 and D120	-	1.0	-	0.5	-	-	0.5	-	-	-	-	-	1.5	-	-	1.5	0.5	0.5	0.5	0.5	0.27	
2	11	Between M140 and D101	0.5	1.5	0.5	0.5	-	0.5	0.5	0.5	0.5	-	-	-	1.5	-	-	3.5	1.0	1.0	0.5	0.5	0.56	
2	12	Between Trommels	1.0	1.5	1.0	1.0	-	-	0.5	0.5	0.1	-	-	-	1.5	-	-	0.0	1.5	1.5	1.0	2.0	1.0	
2	13	Between AWS 550s	0.5	1.5	1.0	0.5	-	-	-	1.0	-	-	-	-	1.0	-	-	5.0	1.0	1.0	1.0	0.5	1.0	
																							0.30	
MSW	Point	Location Description	PM2.5	PM2.5	PM2.5	PM2.5	PM2.5	PM2.5	PM2.5	PM2.5	PM2.5	PM2.5	PM2.5	PM2.5	PM2.5	PM2.5	PM2.5	PM2.5	PM2.5	PM2.5	PM2.5	PM2.5		
			(ug/m3)	(ug/m3)	(ug/m3)	(ug/m3)	(ug/m3)	(ug/m3)	(ug/m3)	(ug/m3)	(ug/m3)	(ug/m3)	(ug/m3)	(ug/m3)	(ug/m3)	(ug/m3)	(ug/m3)	(ug/m3)	(ug/m3)	(ug/m3)	(ug/m3)	(ug/m3)	(ug/m3)	(ug/m3)
1	1	East Corner of Tip Floor Rollup Door	26.9	18.2	26.3	16.8	12.6	23.0	34.0	24.2	10.9	15	11.5	12.6	-	43.0	-	46.7	31.6	12.4	25.2	12.9	40.6	
1	2	Near Residual Pile on Tip Floor	48.2	44.4	27.0	12.5	12.2	38.4	24.8	24.7	11.8	14.1	13.7	12.2	-	29.7	-	23.0	26.8	20.1	16.3	8.5	16.6	
1	3	Corridor Between MRF and Tip Floor (air moving from MRF to Tip Floor)	14.6	19.5	16.0	10.0	8.7	27.1	40.5	42.2	11.4	13.3	9.8	8.7	-	19.3	-	13.9	8.6	6.9	10.5	8.7	17.8	
2	4	Between C1450 and C520	12.7	46.8	19.1	18.1	10	33.2	10.5	8.5	13.3	18.7	12.7	10	-	23.0	-	35.0	13.6	8.9	-	30.0	31.8	
2	5	Near C740	19.4	32.3	24.4	22.2	16.5	33.9	12.5	9.9	17.8	10.8	11.8	16.5	-	37.2	-	28.0	34.6	12.5	19.8	19.0	31.4	
1	6	Near MRF Floor Sump	14.5	17.1	17.7	11.3	9.2	22.7	22.6	27.3	10.0	8	9.2	9.2	-	20.4	-	10.4	7.7	2.3	19.9	9.8	14.5	
2	7	Between C500 and Eyewash, In Front of Control Room	17.0	23.1	21.9	14.9	19.3	67.1	31.3	26.6	17.0	34.8	20.1	19.3	-	22.5	-	29.2	15.5	6.8	30.4	14.9	38.0	
2	8	Between D930 and C980	18.7	35.6	24.1	21.8	16.7	42.4	38.5	30.6	25.7	23.1	24.0	16.7	-	37.8	-	27.8	14.5	8.9	20.9	18.5	22.3	
2	9	Between D290 and D430	24.7	32.5	22.5	28.3	17.2	51.9	48.9	48.8	20.4	15.3	19.7	17.2	-	52.3	-	32.1	33.9	6.6	30.0	39.1	24.0	
2	10	Between D180 and D120	31.5	39.6	24.5	30.2	29.8	22.6	29.8	7.3	24.3	20.5	21.7	29.8	-	41.1	-	30.1	34.9	8.5	30.8	37.1	47.3	
2	11	Between M140 and D101	16.4	43.8	29.5	30.8	23.7	65.5	15.4	16.4	24.4	21.6	24.1	23.7	-	47.4	-	32.2	41.0	11.2	65.0	31.2	48.3	
2	12	Between Trommels	48.6	36.2	39.3	29.8	26.2	77.8	40.5	33.1	29.4	17.0	27.0	26.2	-	42.0	-	48.3	30.2	14.5	47.9	28.1	51.5	
2	13	Between AWS 550s	50.2	44.2	34.0	28.9	42.3	19.9	19.2	40.5	15.6	34.4	12.5	42.3	-	40.2	-	41.9	39	9.8	56.9	31.8	49.3	
																							29.4	
																							23.3	
MSW	Point	Location Description	PM10	PM10	PM10	PM10	PM10	PM10	PM10	PM10	PM10	PM10	PM10	PM10	PM10	PM10	PM10	PM10	PM10	PM10	PM10	PM10		
			(ug/m3)	(ug/m3)	(ug/m3)	(ug/m3)	(ug/m3)	(ug/m3)	(ug/m3)	(ug/m3)	(ug/m3)	(ug/m3)	(ug/m3)	(ug/m3)	(ug/m3)	(ug/m3)	(ug/m3)	(ug/m3)	(ug/m3)	(ug/m3)	(ug/m3)	(ug/m3)	(ug/m3)	(ug/m3)
1	1	East Corner of Tip Floor Rollup Door	50.5	28.4	41.4	23.1	20.1	36.9	20.1	44.4	16.5	23.3	19.1	20.1	-	74.8	-	81.8	55.6	30.8	41.3	21.5	70.2	
1	2	Near Residual Pile on Tip Floor	72.1	73.7	42.4	19.7	18.2	62.7	26.5	52.4	18.1	21.3	18.9	18.2	-	61.5	-	49.6	37.2	34.9	28.3	13.6	29.5	
1	3	Corridor Between MRF and Tip Floor (air moving from MRF to Tip Floor)	22.0	30.7	23.4	13.6	15.1	45.1	28.4	90.5	16.9	19.6	17.2	15.1	-	31.7	-	23.0	13.9	11.9	17.7	14.8	28.8	
2	4	Between C1450 and C520	21.4	82.0	30.1	26.2	14.7	52.1	14.0	59.9	19.6	28.6	21.1	14.7	-	36.8	-	57.4	21.9	15.3	-	16.6	52.4	
2	5	Near C740	27.9	48.8	37.4	34.1	25.5	51.8	14.1	43.8	27.3	17	23.3	25.5	-	61.7	-	45.0	57.3	22.9	33.2	32.1	42.8	
1	6	Near MRF Floor Sump	21.5	26.1	27.8	16.7	16.1	34.4	26.22	65.2	14.5	12.3	14.3	16.1	-	32.5	-	17.0	12.3	4.0	14.2	16.6	22.5	
2	7	Between C500 and Eyewash, In Front of Control Room	25.4	38.3	34.3	22.0	30	108.1	14.3	15.5	25.3	55.8	31.3	30	-	35.7	-	49.8	28.3	11.5	50.0	25.5	61.4	
2	8	Between D930 and C980	25.9	55.8	37.1	33.3	24.8	65.8	21.1	24.3	41.9	39.4	36.9	24.8	-	64.3	-	48.7	25.7	16.6	33.8	31.4	36.1	
2	9	Between D290 and D430	32.4	50.8	34.5	43.4	26.8	65.0	20.4	35.5	33.3													

APPENDIX B - MRF BUILDING PLAN

BUILDING AREA TABULATION

NO.	DESCRIPTION	OCCUPANCY	NON OCCUPIED	OFFICES (B)	FACTORY (F-1)	STORAGE (S)	SF/OCC	OCCUPANT COUNT	B OCCUPANTS	F & S OCCUPANTS
LEVEL 1										
001	BATHY LOBBY	B					100	1	1.0	
002	INTERIOR STAIR	B					100	4.0	4.0	
003	TRUCK SHADE	B					200	0.1	0.1	0
004	RECEPTION ROOM	B					100	0.6	0.6	
005	SCOURING	F1			29,716		200	78.1	78.1	
006	TRUCK	S1			27,461		200	55.1	55.1	
01	CONFERENCE	F2			718		100	7.1	7.1	
01	ELECTRICAL	S4			111		200	3.0	3.0	
LEVEL 1 TOTAL										
MEZZANINE 1										
100	INTERIOR STAIR	B					100	3.0	3.0	
101	MECH. ROOM	B					100	1.1	1.1	
102	STAIR LOBBY	B					221	0.1	0.1	
103	RECEPTION	B					100	3.1	3.1	
104	LOBBY	B					200	3.1	3.1	
105	MULTI-PURPOSE	B					1,152	87.1	87.1	
106	STORAGE 2	B					100	0.1	0.1	
107	MECH. 1	B					100	0.7	0.7	
108	MECH. 2	B					71	0.1	0.1	
109	CONFERENCE	B					200	0.6	0.6	
110	OFFICE 1	B					214	3.1	3.1	
111	OFFICE 2	B					100	1.1	1.1	
112	OFFICE 3	B					100	1.1	1.1	
113	OFFICE 4	B					173	0.1	0.1	
114	LOCKER	B					175	0.1	0.1	
115	MECH. ROOM	B					42	0.1	0.1	
116	MECH. 3	B					100	0.1	0.1	
117	MECH. 4	B					211	2.2	2.2	
118	STORAGE 1	B					151	1.1	1.1	
119	HALL 1	B					200	1.8	1.8	
120	HALL 2	B					223	3.1	3.1	
121	HALL 3	B					101	0.1	0.1	
122	STORAGE 3	B					100	0.1	0.1	
MEZZANINE 1 TOTAL										
MEZZANINE 2										
200	INTERIOR STAIR	B					100	1.1	1.1	
201	MECH. ROOM	B					100	1.1	1.1	
202	STAIR LOBBY	B					110	1.1	1.1	
203	LOBBY	B					87	0.1	0.1	
204	LOBBY	B					200	2.1	2.1	
205	OPEN OFFICE	B					400	1.1	1.1	
206	OFFICE 1	B					100	1.1	1.1	
207	OFFICE 2	B					100	1.1	1.1	
208	OFFICE 3	B					100	1.1	1.1	
209	CONFERENCE	B					111	36.1	36.1	
210	MECH. ROOM	B					631	1.1	1.1	
211	MECH. ROOM	B					210	1.8	1.8	
212	MECH. ROOM	B					710	7.1	7.1	
213	STORAGE	B					100	1.1	1.1	
214	HALL	B					100	2.1	2.1	
MEZZANINE 2 TOTAL										
BUILDING 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

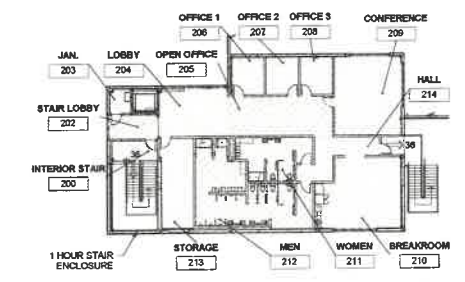
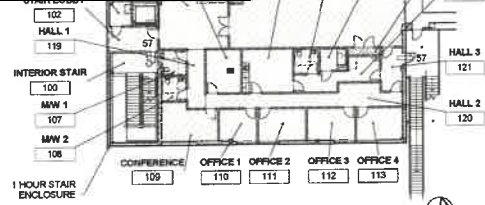
PERMITTED AND OPEN SPACE INFORMATION (CBC 501)

NOTE: MRF FIT-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 Resigul 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



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

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

PROVIDE YELLOW WARNING STRIPPING DEMONSTRATING EXIT PATHS TO BE MAINTAINED CLEAR

Sample Locations Are Approximate

MRF

MATERIAL RECOVERY FACILITY
383 TAJIGUAS LANDFILL ROAD
GOLETA, CA

TAJIGUAS RESOURCE RECOVERY PROJECT

CONSTRUCTION
DIANI COMPANIES
Santia Maria

381 NORTH BLOSSER ROAD
PO BOX 8787
SANTA ANITA, CA 93458 - 8787
(805) 473 - 2731
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MSB Investors, LLC
17 Corporate Plaza, Suite 200
Newport Beach, CA 92660

330 Avoca Place
Avoca, Ontario, CA 92540
(805) 473 - 2731
gms@dianicompanies.com

GARY W. MADJEDI, ARCHITECT



PERMIT NO: 19REV-00345

REVISIONS

NO	DESCRIPTION	DATE	BY
1	AS SHOWN		

STATUS: REVIEW
DATE: 4/21/21
PROJECT NO: 19021

SHEET NAME: EXITING PLANS

SHEET NO: **G200**