1 2 3 4 5 6 7 8	THOMAS M. BRUEN (SBN 63324) ERIK A. REINERTSON (SBN 218031) LAW OFFICES OF THOMAS M. BRUEN A Professional Corporation 1990 N. California Boulevard, Suite 800 Walnut Creek, CA 94596 Telephone: (925) 708-4149 Email: tbruen@tbsglaw.com ereinertson@tbsglaw.com Attorneys for Respondent BROWNING-FERRIS INDUSTRIES OF CALIFONIA, INC. BEFORE THE HEARIN		(381 (27 (40))		
9	DEFORE THE HEARING BOARD OF THE				
10	SOUTH COAST AIR QUALITY	VIANAGEVIE	NI DISTRICI		
11	In the Matter of	Case No. 344	8-18		
12	SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT,	RESPONDEN	NT'S STATUS REPORT		
13	Petitioner,	Health and Saf District Rule 4	fety Code §41700 and		
14	·	District Rule 4	·02		
15	VS.		September 3, 2025		
16	BROWNING-FERRIS INDUSTRIES OF CALIFORNIA, INC., a California	Time: Place:	9:30 a.m. Hearing Board		
17	Corporation dba SUNSHINE CANYON LANDFILL,		South Coast Air Quality Management District		
18	[Facility ID No. 49111]		21865 Copley Drive Diamond Bar, CA 91765		
19	Respondent.				
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24					
25	Respondent Browning-Ferris Industries of California, Inc. ("BFIC") hereby submits th				
26	status report as required by the Stipulated Abatement Order ("SAO") issued by this Hearing Board				
27	effective as of March 19, 2025. Listed below are ea		·-		
28					

1	status: Implemented. A stockpile of compost is maintained on-site. If an odorous load is identified				
2	at the working face, it is immediately mixed with or covered by compost and sprayed with odor				
3	neutralizer.				
4	e. Respondent shall report back at the status hearing identified in Condition no. 1 on (i) efforts				
5	to work with a third-party to develop an enhanced foam product and (ii) the effectiveness of both using a longer-range foam gun and of using foaming spray at the working face during early operating hours.				
7	Status: Efforts are ongoing. A longer-range foam cannon has been deployed and is currently in use				
8	at the working face to enhance the application of foam during operating hours.				
9					
10	4. Leachate Seep Patrols and Mitigation				
11	Requirement: Respondent shall conduct daily on-site odor patrols, which shall include efforts to identify locations of leachate seeps. These efforts shall be conducted and documented as				
12	required in Condition 6(c) below.				
13 14	a. In the event that a leachate seep is discovered, Respondent shall utilize a portable sprayer to apply odor neutralizer and/or aerobic (and compatible anaerobic) microbiology-based (methanotrophic microbes, bacteria, etc.) solution(s) on the leachate seep prior to remediating				
	the seep (e.g., covering with soil, etc.).				
15	Status: Implemented. Patrols are equipped with portable sprayers. Any discovered seeps are				
16 17	immediately sprayed with odor neutralizer and/or microbial solutions prior to remediation.				
18	b. For leachate seeps that are continuous or have pooled (pooling is an accumulation of at least				
19	25 gallons or greater than 5 square feet of affected surface area), Respondent shall treat the				
20	(methanotrophic microbes, bacteria, etc.) solution(s), and pump out the leachate into a closed liquid storage container (if sufficient quantities of leachate warrant removal) and treat at the onsite leachate treatment facility.				
21					
22	Status: Implemented A protocol is in place for managing continuous or pooled seeps. The leachate				
23	is treated with neutralizing and microbial solutions and is vacuumed into a closed container for				
24	treatment at the on-site facility, as directed by facility personnel.				
25					
20	c. Respondent shall conduct and document patrols at least twice each operating day, once if the morning, completing the patrol prior to 8 a.m. and once in the late afternoon, starting the				
27	patrol after 3 p.m. In documenting the patrol, each day, Respondent shall indicate the area of the man where the odor source or leachate were identified. If leachate was discovered, the next				
2	day a follow-up patrol must be conducted in that same area. i. In the event that two weeks o				

twice daily patrols show no exposed liquid/leachate seepage or pooling, Respondent may reduce 1 the inspection frequency to once daily in the morning. 2 Status: Implemented. BFIC conducted odor controls twice daily, once before 8:00 a.m. and once 3 after 3:00 p.m. but, absent any seeps since late May 2025, has since gone to one patrol per day in the early hours of operation. Documentation of the odor patrols is available upon request. 4 5 5. Front Entrance Berm Requirement: Respondent shall continue construction of the front entrance berm, including landscaping as a physical visual barrier and a physical odor barrier, which shall include a misting system with both odor neutralizer and a waterless vapor odor neutralizer. Respondent shall report back on the status of the berm construction at the Status Hearing identified in Condition no. 1. Status: In Progress. Construction of the berm is ongoing. The soil importation schedule for Phases 10 4 & 5 was temporarily altered to allow for access related to fire debris management and will resume 11 shortly following the installation of required drainage infrastructure. Berm completion is currently 12 anticipated by early 2027, subject to change based on longer use of the fire debris access road and 13 any weather delays in the future. 14 15 6. Wet Weather Preparation Plan Requirement: Respondent shall implement the (previously SCL LEA-approved) 2023-2024 16 Wet Weather Preparation Plan (WWPP) and the current 2024-2025 WWPP, and shall 17 implement additional wet weather mitigation measures when feasible and appropriate, such as grading techniques (for example, rough grading, contour grading, use of erosion control 18 fabrics/mats) to minimize surface erosion and to preserve the low permeability properties of 19 the landfill cover. Status: Implemented. The current and previous WWPPs are being implemented as required. 20 Planning for the 2025-2026 WWPP began in mid-May, with a draft plan expected by September 1, 21 2025. 22 23 7. Hydroseeding 24 Requirement: Respondent shall implement as part of its wet weather preparation and as additional odor mitigation, utilization of hydroseeding in areas anticipated to be most effective, 25 as determined in collaboration with the SCL-LEA, for enhanced erosion control, including use of methanotrophic bacteria/microbes in the hydroseeding cover layer to enhance oxidation of 26 odor/methane in addition to enhancing root growth of with the utilization of microbiology with 27 phytoremediation properties. 28

Sunshine Canyon Landfill (Facility ID #49111)
Status Report

	Status: In Progress. BFIC is collaborating with the SCL-LEA to identify areas for hydroseeding. Pe						
1	SCL-LEA recommendation, this work will be performed in the Fall.						
2	SCL-LEA recommendation, this work was a						
3	8. Data Provision to SCL-LEA						
4	Description of assessing the overall electiveness of						
5	individual and/or combined mitigation measures, provide to the SCL-LEA the following: landfill gas system operational data, South Coast AQMD Rule 1150.1 instantaneous and						
6	integrated surface readings data; individual landfill gas well analytical/operational data, dany						
7	schedule and operational dates of implemented mitigation measure(s). Respondent may designate and mark as confidential data it considers "business sensitive."						
9	Status: Implemented. SCL-LEA personnel have been provided with access to the necessary data						
10	systems described above, including but not limited to data on gas collection system operations,						
11	landfill gas volumes collected, LFG composition, surface emissions, wellhead monitoring, and						
12	meteorological data.						
13							
14	9. Enhancement of Intermediate Cover in Problematic Grids Requirement: Respondent shall collaborate with the SCL-LEA to identify Rule 1150.1						
15	monitoring gride with continuing excessive surface emissions and snail enhance the						
	Intermediate cover with the most appropriate intigation measures, which is a subject to the six-month regulatorily						
16	required intermediate cover application; b. Enhancement of existing intermediate cover with						
17	a wisting intermediate cover with organic topsoil (compost, mulch, or mix) to create a pionite						
18	(for orbanced hiofiltration): e Application of EnviroCover over a protective soil buffer layer,						
19	followed by application of intermediate soil cover; f. Application of Posishen on top of						
20	properties for "sealing" the top layer) on top of extra-thickness soil for ennanced intermediate						
2							
22	Status: Implemented. Problematic grids were identified based on methane surveys from January to						
2	April 2025. BFIC is addressing these grids by applying various mitigation measures, including Posi						
2	Shell (pushed to August due to a delay in well drilling due to the well-drilling subcontractor's worker						
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10. Prioritization of Shallow Collectors in Problematic Grids

Requirement: Respondent shall address grids that continue to demonstrate excessive surface emissions by prioritizing installation of shallow horizontal/slope/trench collectors at such grids, and shall assess utilization of large plastic sheeting or Closure Turf cover, with installation of flat/ horizontal landfill gas collection pipes underneath the cover, and shall cover problematic grids with large plastic sheeting or Closure Turf if determined to be feasible and likely to reduce excessive surface emissions.

Status: In Progress. Shallow collectors and sumps are being installed in problematic areas as necessary. Approximately 20 acres of Posi-Shell application is scheduled for the week of August 4, 2025, to further address these grids.

11. Cell Sequencing Plan Review

Requirement: Respondent shall review the current Cell Sequencing Plan to determine the feasibility of optimizing the sequence to focus on filling over the grids (and including installation of horizontal collectors from the start of filling) where the practice of nine inches of compacted daily soil without peel back was implemented. If Respondent, in collaboration with the SCL-LEA, determines a revised Cell Sequencing Plan is appropriate, Respondent shall prepare a draft 5-year Cell Development Plan, showing the current Cell and future Cells to the terminal toe berm area. Respondent shall report back on the status of Cell Sequencing Plan at the Status Hearing identified in Condition no. 1.

Status: In Progress. The Cell Sequencing Plan has been reviewed and modified to prioritize placing fill over identified problematic grids. This revised sequence will be formally incorporated into an updated 5-year Cell Development Plan being prepared by Geo-Logic Associates.

12. Vertical Landfill Gas Collection Wells

Requirement: Respondent shall continue implementation of top-down vertical landfill gas collection wells to supplement bottom-up landfill gas collection wells (and elsewhere at the Facility as appropriate) to achieve a minimum of thirty percent (30%) overlap for the effective radius of influence of the vertical landfill gas collection wells. Respondent shall report back on its effort to achieve a minimum of thirty percent (30%) overlap at the Status Hearing identified in Condition no. 1.

Status: In Progress. The installation of approximately 125-130 new vertical gas wells began on April 23, 2025, to achieve and exceed the required 30% overlap of well influence. The drilling is proceeding at an average of one to three wells per day (except for a one-month cessation on well drilling in July necessitated by OSHA requirements stemming from a worker fatality on the landfill subcontractor's well drilling crew) the delay due to the worker-related accident), with intermittent pauses as required for site logistics. There will be 2 drilling rigs on site starting August 4th, which will likely increase the well production.

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4	13. Larger Diameter Well-Casings Requirement: Respondent shall, when feasible and appropriate, utilize larger diameter landfill gas extraction well-casings to improve vacuum levels and utilize a geosynthetic boot, bentonite				
5	seal, or additional soil layer (or combination thereof) around the base of the web classes				
7	diameter landfill gas extraction well-casings and/or use of enhancements at the base of the well-casing and shall make records available to the South Coast AQMD upon request.				
8	Status: Implemented. Of the new wells being installed, approximately ten are being constructed with				
9	larger, 10-inch diameter casings to improve vacuum performance. Records documenting these				
10	installations are being maintained.				
11					
12					
13	14. Gas Movement Enhancement Pilot Project				
14	Requirement: Respondent shall implement a pilot project to enhance landing gas movement by				
15	I - 2 4 11 4 task to emborge landfull gas movement shall include identifying and the				
16	Respondent's pilot project to enhance landing gas movements and the disposal mass by utilizing larger creating designated pathways of least resistance in the disposal mass by utilizing larger granular materials (for example, crushed concrete or large wood chips, other granular materials) in the form of a layer or a limited circular pad within a radius of influence of a materials) in the form of a layer or a limited circular pad within a radius of influence of a				
17	the content of the second (below the coaling plug) and fied to a vertical landing gas concerton				
18	well, for among other benefits, preventing pressure build ups and/or blow-outs. Respondent				
19	resistance (or minimum safe distance between porous material pathways) to pro-				
20	I records to enhance landfill gas movement and to determine the optimum amount of				
2	interconnectivitand shall report back on the status of such efforts at the Status Hearing identified in Condition o. 1.				
2:	The state of this pilot project, which will utilize radial collectors ("pancakes"				
2	tics and double in bottom up wells is being developed by SCS Engineers. Technical details wil				
2	he arrayided upon finalization of the design.				
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	10 Sunshine Canyon Landfill (Facility ID #49111)				
	Status Report				

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2	Requirement: Respondent shall collaborate with the SCL-LEA to develop a Smoke Temporate of the potential odor transport pathways from the Facility to the community and surroundings based on the various meteorological factors and the current and future development topography of the Facility. Following approval by the SCL-LEA					
3						
4	Respondent snall implement the Smoke Test and use the results to assess the notantial for					
5	5 community (such as physical barriers, dilution, or dispersion technologies or od					
6	status of the Smoke Test at the Status Hearing identified in Condition no. 1.					
7	Status: In Progress. BFIC has received a proposal from SCS Engineers to develop the protocol and					
8	conduct smoke tests. Implementation is anticipated in the fall of 2025 to align with meteorologica					
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11	16. Partial Final Closure					
12	Requirement: Respondent shall start partial final closure for all areas that have already reached final elevation in accordance with a final closure plan approved by the SCL-LEA and					
13	the Regional Water Quality Control Board.					
14	Status: In Progress. Areas that have reached final elevation have been identified. However, the clay					
15	material required for a prescriptive final cover is not available. Consequently, BRIC is developing an					
16	alternative final cover design for submittal to the SCL-LEA and Regional Water Quality Control					
	Board. Implementation is anticipated to begin in 2026, pending agency review and approval of the					
17	alternative design.					
18	DATED: August 1, 2025					
19	LAW OFFICES OF THOMAS M. BRUEN,					
20	A Professional Corporation					
21						
22	Therees Bruen					
23						
24	Thomas M. Bruen Attorneys for Respondent Browning-Ferris					
25	Industries of California, Inc.					
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	Proof of Service					
1	Γhomas M. Bruen declares,					
2	cut and a far Paspondent Browning-Ferris Industries of					
	California, Inc. in this proceeding. This will certify that on August 1, 2023, 1 served a copy of Respondent's Status Report on counsel for the Executive Officer of the South Coast Air Quality Management District by electronic service, addressed to their respective email addresses, as					
5	follows:					
6	Karin Manwaring at: Daphne Hsu at:	kmanwaring@aqmd.gov dhsu@aqmd.gov				
7		Cut - large of the S	State of California that the foregoing is true			
8	I declare under penalty of perjury of the laws of the State of California that the foregoing is true and correct. Executed this 1 ^{tst} day of August at Alamo, California.					
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10			Thomas Bruen			
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		Sunshine Canyon Landfi	11 (Facility ID #49111)			