

December 13, 2024 14747 San Fernando Road
Sylmar, CA 91342

Mr. David Nguyen
Senior Civil Engineer
County of Los Angeles, Department of Public Works
900 South Fremont Avenue
Alhambra, CA 91803-1331

RE: Sunshine Canyon City/County Landfill
 Monthly Activity Reporting – November 2024

Dear Mr. Nguyen,

By letter dated October 22, 2014, the County of Los Angeles, Department of Public Works (DPW) requested the submittal of a monthly activity report providing information on operational activities and occurrences at the landfill. In response to this request, the monthly activity report for the month of November 2024 is attached.

In addition to the attached report, the following information is provided:

- The installation of vertical gas wells and horizontal collectors are done in accordance with the procedures contained in the 'Construction Emissions and Odors Reduction Written Procedures' submitted to the South Coast Air Quality Management District (SCAQMD) on December 9, 2011.
- All flare shutdowns/startups are reported to SCAQMD as required and the corresponding Forms 500-N, Title V – Deviations, Emergencies and Breakdowns are submitted to SCAQMD on a monthly basis.
- During the month of November 2024, all flares operated in compliance with the site's Title V permit conditions;
- The data from the on-site weather stations is located at the SCL office and the southern berm portion of the City South portion of the landfill for November 2024.
- The LEA monthly inspection report for October 2024 and November 2024 have been included in this report. The reports include a detailed description of the site observations made by the LEA.

Please do not hesitate to contact me if you have any questions, please contact me at (818) 923-4816 or at AAsaro@republicservices.com

Thank you,
Andrew Asaro

Andrew Asaro
Environmental Specialist
Sunshine Canyon Landfill

Appendix A – November 2024 Hourly Weather Data

Appendix B – October 2024 LEA Inspection Report

Appendix C – November 2024 LEA Inspection Report

Appendix D – November 2024 Weekly Grid Inspections

SUNSHINE CANYON LANDFILL MONTHLY ACTIVITY REPORT
November 2024

Location/System	Activity	Date		Actions Taken or Comments
		Start	End	
Environmental Control Systems				
Gas Control and Collection System	Installation of new vertical wells and horizontal collectors	11/1/2024	11/30/2024	Continued improvement of the sites GCCS infrastructure.
Drainage facilities	Routine maintenance and winterization	11/1/2024	11/30/2024	Track walking and grading to promote drainage.
Groundwater control monitoring systems	Groundwater samples were collected and Q3 data was reviewed	11/1/2024	11/30/2024	
Surface water control systems	Routine site maintenance	11/1/2024	11/30/2024	Continued track walking additional soils on erosion rills on slopes. Repairs and improvement to berms directing watering into proper conveyance. Ensuring all grades and slopes promote proper drainage to water conveyance systems and to prevent ponding on trash surfaces.
Leachate control system	Installation or repair of pumps in vertical gas wells	11/1/2024	11/30/2024	Continued improvements include installation of additional chemicals into the system to reduce scaling and foaming of liquids to reduce clogging.
Sewer system	No breakdowns or shutdowns	11/1/2024	11/30/2024	
Breakdowns, Malfunctions, Temporary Shutdowns of Any Permanent or Temporary Environmental Control System				
Special Occurrence - Reported in Monthly LEA Report	Notice of Violation	11/1/2024	11/1/2024	On Friday, 11/1/2024, Sunshine Canyon Landfill Received a Notice of Violation from SCAQMD for alleged odor complaints.
Special Occurrence - Reported in Monthly LEA Report	Narcotics Load	11/1/2024	11/1/2024	On Friday, 11/1/2024, at 11:36 AM Sunshine Canyon Landfill received a Narcotics Load (marijuana contained in cardboard boxes) from the LAPD weighing a total of 0.25 tons
Special Occurrence - Reported in Monthly LEA Report	Radiation Load	11/4/2024	11/4/2024	On Monday, 11/4/2024, at 7:54 Am Sunshine Canyon Landfill received a radiation load from Sun Valley Hauling via Stericycle. The LA County Department of Public Health Radiation Management Division was alerted and they cleared the load to be buried on 11/5/2024.
Special Occurrence - Reported in Monthly LEA Report	Narcotics Load	11/7/2024	11/7/2024	On Thursday, 11/7/2024, at 12:44 PM Sunshine Canyon Landfill received a Narcotics Load (marijuana contained in cardboard boxes) from the LAPD weighing a total of 0.24 tons.
Special Occurrence - Reported in Monthly LEA Report	Narcotics Load	11/7/2024	11/7/2024	On Thursday, 11/7/2024, at 1:33 PM Sunshine Canyon Landfill received a Narcotics Load (marijuana contained in cardboard boxes) from the LAPD weighing a total of 0.53 tons
Special Occurrence - Reported in Monthly LEA Report	Narcotics Load	11/7/2024	11/7/2024	On Thursday, 11/7/2024, at 3:36 PM Sunshine Canyon Landfill received a Narcotics Load (marijuana contained in cardboard boxes) from the LAPD weighing a total of 0.19 tons.
Special Occurrence - Reported in Monthly LEA Report	Notice of Violation	11/8/2024	11/8/2024	On Friday, 11/8/2024, Sunshine Canyon Landfill received a Notice of Violation from SCAQMD for alleged odors.
Special Occurrence- Reported in Monthly Lea Report	Landfill Gas to Energy Facility Shutdown	11/8/2024	11/8/2024	On Friday, 11/8/2024, at 11:00 AM The Sunshine Canyon Landfill Gas to Energy Facility (LFGTE) experienced a temporary shutdown. The shutdown was caused by an unexpected power shutdown by Southern California Edison. The LFGTE regained power by 1:50 AM

Special Occurrence- Reported in Monthly LEA Report	Radiation Load	11/11/2024	11/11/2024	On Monday, 11/11/24, at 7:53 AM Sunshine Canyon Landfill received a radiation load from West Valley Transfer Station via City of LA Truck. The load was quarantined until it was cleared for burial by the LA County Department of Public Health Radiation Management Division. The load was cleared to be buried on Thursday, 11/13/2024.
Special Occurrence - Reported in Monthly LEA Report	Radiation Load	11/12/2024	11/12/2024	On Tuesday, 11/12/24, at 9:45 AM Sunshine Canyon Landfill received a radiation load from Compton Transfer Station via Ecology Trucking. The load was quarantined until it was cleared for burial by the LA County Department of Public Health Radiation Management Division. The load was cleared to be buried on Thursday, 11/13/2024.
Special Occurrence - Reported in Monthly LEA Report	Notice of Violation	11/13/2024	11/13/2024	On Wednesday, 11/13/2024, Sunshine Canyon Landfill received a Notice of Violation from SCAQMD for alleged odors.
Special Occurrence - Reported in Monthly LEA Report	Narcotics Load	11/13/2024	11/13/2024	Wednesday, 11/13/2024, at 12:52 PM Sunshine Canyon Landfill received a Narcotics Load (Marijuana contained in cardboard boxes) from the LAPD weighing a total of 0.23 tons.
Special Occurrence - Reported in Monthly LEA Report	Notice of Violation	11/14/2024	11/14/2024	On Thursday, 11/14/2024, Sunshine Canyon Landfill received a Notice of Violation from SCAQMD for alleged odors.
Special Occurrence - Reported in Monthly LEA Report	Radiation Load	11/15/2024	11/15/2024	On Friday, 11/15/24, at 6:06 AM Sunshine Canyon Landfill received a radiation load from Compton Transfer Station via Johnny Transportation. The load was quarantined until it was cleared for burial by the LA County Department of Public Health Radiation Management Division. The load was cleared to be buried on Friday, 11/15/2024.
Special Occurrence - Reported in Monthly LEA Report	Narcotics Load	11/15/2024	11/15/2024	On Friday, 11/15/24, at 12:17 PM Sunshine Canyon Landfill received a Narcotics Load (marijuana contained in cardboard boxes) from the LAPD weighing a total of 0.85 tons.
Special Occurrence - Reported in Monthly LEA Report	Radiation Load	11/18/2024	11/18/2024	On Monday, 11/18/24, at 6:01 AM Sunshine Canyon Landfill received a radiation load from the City of Los Angeles Sanitation Department. The load was quarantined until it was cleared for burial by the LA County Department of Public Health Radiation Management Division. The load was cleared to be buried on Monday, 11/18/2024.
Special Occurrence - Reported in Monthly LEA Report	Helicopter Landing	11/21/2024	11/21/2024	Thursday, 11/21/2024, at 10:00 AM and 12:00 PM, SCL staff observed LAFD helicopters touchdown, takeoff, and dump water at the helipads located in the City South portion of the facility.
Special Occurrence - Reported in Monthly LEA Report	Notice of Violation	11/21/2024	11/21/2024	On Thursday, 11/21/2024, Sunshine Canyon Landfill received a Notice of Violation from SCAQMD for alleged odors.
Special Occurrence - Reported in Monthly LEA Report	Narcotics Load	11/22/2024	11/22/2024	On Friday, 11/22/2024, Sunshine Canyon Landfill received a Notice of Violation from SCAQMD for alleged odors.
Special Occurrence - Reported in Monthly LEA Report	Radiation Load	11/22/2024	11/22/2024	On Friday, 11/22/24, at 1:36 PM Sunshine Canyon Landfill received a radiation load from Sun Valley Hauling. The load was quarantined until it was cleared for burial by the LA County Department of Public Health Radiation Management Division. The load was cleared to be buried on Friday, 11/22/2024.

Special Occurrence - Reported in Monthly LEA Report	Narcotics Load	11/22/2024	11/22/2024	On Friday, 11/22/24, at 1:25 PM and 2:52 PM Sunshine Canyon Landfill received two Narcotics Loads (marijuana contained in cardboard boxes) from the LAPD weighing a combined total of 0.70 tons.
Special Occurrence - Reported in Monthly LEA Report	Landfill Accident	11/26/2024	11/26/2024	At approximately 9:49 AM on 11/26/24, a Sukut operator driving an 824-wheel dozer down to the worksite near the old scale houses experienced a seizure. The seizure caused him to become immobilized, resulting in the dozer continuing down the road and down the slope. Fortunately, as the operator had dropped the blade, it contacted the ground and acted as a brake, preventing the dozer from going further downhill. A nearby water truck operator witnessed the incident and immediately radioed for help. One of the Sukut laborers quickly jumped on the dozer to shut off the engine and engage the emergency brake. 911 was called, and both the fire department and paramedics arrived on scene. Sukut personnel escorted the responders to the operator, who was then taken to their truck for evaluation. Although initially disoriented, the operator regained consciousness and declined transport to the hospital, explaining that the seizure was related to a medical condition he has managed for some time. He is currently doing well and is on vacation.
Special Occurrence- Reported in Monthly LEA Report	Notice of Violation	11/30/2024	11/30/2024	On Saturday, 11/30/2024, Sunshine Canyon Landfill received a Notice of Violation from SCAQMD for litter control.

Cover Inspections

Please refer to Daily Cover Inspection Log. Daily inspections were conducted.

Results of November 2024 SCAQMD Rule 1150.1 Surface Emission Monitoring

	City		County		
	# Grids Monitored	# of Grids with Exceedances	# Grids Monitored	# of Grids with Exceedances	
Instantaneous SEM	0	0	0	0	For November 2024 surface emission monitoring, there were 106 integrated grids that did not pass the initial monitoring. Of the 106 integrated grids that did not pass the initial monitoring, 69 have passed the first 10-day check, 37 did not pass the first 10-day check but have since past the second 10-day recheck. Instantaneous monitoring was not required per the Alternative 1150.1 Compliance Plan.
Integrated SEM	233	64	177	42	

APPENDIX A

November 2024 HOURLY WEATHER DATA

TIMESTAMP	Wind Speed	Temperature	Rain Gage	Direction	Notes
11/1/2024 0:00	17.18	55.1	0	NW	
11/1/2024 1:00	19.57	54.52	0	NW	
11/1/2024 2:00	16.72	53.91	0	NW	
11/1/2024 3:00	15.89	53.52	0	NW	
11/1/2024 4:00	14.85	52.81	0	NW	
11/1/2024 5:00	15.57	52.75	0	NW	
11/1/2024 6:00	15.49	52.34	0	NW	
11/1/2024 7:00	15.47	52.67	0	NW	
11/1/2024 8:00	16.52	53.97	0	NW	
11/1/2024 9:00	14.86	55.73	0	NNW	
11/1/2024 10:00	6.998	60.82	0	NNW	
11/1/2024 11:00	4.854	65.92	0	ENE	
11/1/2024 12:00	6.796	67.78	0	SE	
11/1/2024 13:00	6.971	66.91	0	SSE	
11/1/2024 14:00	6.957	67.48	0	SE	
11/1/2024 15:00	7.162	67.53	0	SSE	
11/1/2024 16:00	8.74	65.8	0	SSE	
11/1/2024 17:00	7.37	63.62	0	S	
11/1/2024 18:00	3.29	60.49	0	WSW	
11/1/2024 19:00	6.215	58.56	0	NNW	
11/1/2024 20:00	11.49	57.51	0	NW	
11/1/2024 21:00	10.28	57.47	0	NW	
11/1/2024 22:00	5.203	57.35	0	NNW	
11/1/2024 23:00	3.279	55.89	0	NNW	
11/2/2024 0:00	3.809	55.77	0	WSW	
11/2/2024 1:00	4.83	53.34	0	SSE	
11/2/2024 2:00	4.831	52.11	0	S	
11/2/2024 3:00	5.949	52.33	0	S	
11/2/2024 4:00	6.248	51.47	0	S	
11/2/2024 5:00	6.06	50.87	0	S	
11/2/2024 6:00	4.44	50.29	0	S	
11/2/2024 7:00	4.959	50.05	0	S	
11/2/2024 8:00	2.72	51.16	0	SSE	
11/2/2024 9:00	3.965	53.56	0	SE	
11/2/2024 10:00	6.773	54.44	0	SSE	
11/2/2024 11:00	8.41	57.86	0	SE	
11/2/2024 12:00	8.73	59.47	0	SE	
11/2/2024 13:00	10.13	58.94	0	SE	
11/2/2024 14:00	9.76	58.25	0	SE	
11/2/2024 15:00	10.43	57.78	0	SSE	
11/2/2024 16:00	7.769	57.23	0	SSE	
11/2/2024 17:00	7.223	56.53	0	SSE	
11/2/2024 18:00	6.114	55.21	0.02	S	
11/2/2024 19:00	3.054	53.99	0	SSE	
11/2/2024 20:00	3.005	53.76	0	SE	
11/2/2024 21:00	2.568	53.22	0	ESE	

11/2/2024 22:00	9.4	53.17	0	NNW
11/2/2024 23:00	12.13	54.18	0	NNW
11/3/2024 0:00	15.02	54.33	0	NW
11/3/2024 1:00	19.1	53.96	0	NW
11/3/2024 2:00	20.84	53.91	0	NNW
11/3/2024 3:00	25.76	53.24	0	NW
11/3/2024 4:00	22.46	52.16	0	NNW
11/3/2024 5:00	25.83	51.83	0	NNW
11/3/2024 6:00	29.39	52.44	0	NNW
11/3/2024 7:00	26.24	52.43	0	NNW
11/3/2024 8:00	28.91	53.06	0	NNW
11/3/2024 9:00	34.65	53.78	0	NNW
11/3/2024 10:00	29.1	55.68	0	NNW
11/3/2024 11:00	23.67	59.04	0	NNW
11/3/2024 12:00	22.92	61.04	0	NNW
11/3/2024 13:00	22.66	62.08	0	NNW
11/3/2024 14:00	23.26	62.96	0	NW
11/3/2024 15:00	26.31	62.43	0	NW
11/3/2024 16:00	27.66	61.47	0	NW
11/3/2024 17:00	26.56	59.75	0	NW
11/3/2024 18:00	23.07	56.49	0	NW
11/3/2024 19:00	22.83	55.48	0	NW
11/3/2024 20:00	25.47	55.23	0	NW
11/3/2024 21:00	22.58	54.89	0	NW
11/3/2024 22:00	18.13	54.81	0	NW
11/3/2024 23:00	14.03	54.8	0	NW
11/4/2024 0:00	12.33	55.44	0	NNW
11/4/2024 1:00	15.99	55.7	0	N
11/4/2024 2:00	18.52	55.74	0	NNW
11/4/2024 3:00	19.21	56.11	0	NNW
11/4/2024 4:00	16.68	55.94	0	NNW
11/4/2024 5:00	21.27	56.78	0	NNW
11/4/2024 6:00	15.45	56.89	0	NNW
11/4/2024 7:00	20.61	57.34	0	NNW
11/4/2024 8:00	23.98	57.94	0	NNW
11/4/2024 9:00	24.47	61.25	0	N
11/4/2024 10:00	23.94	63.45	0	N
11/4/2024 11:00	22.38	65.16	0	N
11/4/2024 12:00	24.17	66.02	0	N
11/4/2024 13:00	20.73	67.4	0	N
11/4/2024 14:00	19.3	68.72	0	N
11/4/2024 15:00	17.81	69.1	0	NNE
11/4/2024 16:00	14.04	69.31	0	NNE
11/4/2024 17:00	14.17	68.32	0	N
11/4/2024 18:00	13.07	66.82	0	N
11/4/2024 19:00	11.51	64.59	0	NNW
11/4/2024 20:00	15.44	62.08	0	NW

11/4/2024 21:00	22.1	60.9	0	NW
11/4/2024 22:00	19.73	61.33	0	NNW
11/4/2024 23:00	16.64	63.09	0	N
11/5/2024 0:00	11.57	58.74	0	NNW
11/5/2024 1:00	14.12	60.19	0	NW
11/5/2024 2:00	9.74	58.68	0	NNW
11/5/2024 3:00	8.92	57.03	0	NNW
11/5/2024 4:00	7.935	57.21	0	NW
11/5/2024 5:00	6.109	57.33	0	NNW
11/5/2024 6:00	8.06	56.74	0	NNW
11/5/2024 7:00	4.138	58.53	0	NNW
11/5/2024 8:00	2.869	61.86	0	NNE
11/5/2024 9:00	3.63	64.91	0	NE
11/5/2024 10:00	6.395	68.34	0	ESE
11/5/2024 11:00	8.21	69.17	0	ESE
11/5/2024 12:00	6.627	71.52	0	SE
11/5/2024 13:00	6.293	73.6	0	SE
11/5/2024 14:00	7.916	73.45	0	S
11/5/2024 15:00	7.664	72.84	0	SSE
11/5/2024 16:00	6.765	69.18	0	SE
11/5/2024 17:00	4.497	66.1	0	SSE
11/5/2024 18:00	17.21	66.02	0	NW
11/5/2024 19:00	20.99	65.12	0	NW
11/5/2024 20:00	17.49	63.83	0	NW
11/5/2024 21:00	14.6	63.65	0	NW
11/5/2024 22:00	18.19	63.89	0	NNW
11/5/2024 23:00	13.9	62.18	0	NNW
11/6/2024 0:00	14.46	60.83	0	NNW
11/6/2024 1:00	15.13	59.86	0	NNW
11/6/2024 2:00	15.82	59.45	0	N
11/6/2024 3:00	18.45	59.21	0	NNW
11/6/2024 4:00	20.85	59.75	0	NNW
11/6/2024 5:00	25.11	59.4	0	N
11/6/2024 6:00	40.54	58.07	0	NNE
11/6/2024 7:00	42.74	56.75	0	NNE
11/6/2024 8:00	42.34	56.17	0	NNE
11/6/2024 9:00	42.31	56.28	0	NNE
11/6/2024 10:00	44.01	56.62	0	NNE
11/6/2024 11:00	44.5	56.73	0	NNE
11/6/2024 12:00	38.89	58.04	0	NNE
11/6/2024 13:00	34.66	59.25	0	NNE
11/6/2024 14:00	29.48	60.06	0	NNE
11/6/2024 15:00	22.17	60.84	0	NE
11/6/2024 16:00	22.24	61.05	0	NNE
11/6/2024 17:00	18.08	60.25	0	NNE
11/6/2024 18:00	12.54	58.77	0	NNE
11/6/2024 19:00	12.06	58.1	0	NNE

11/6/2024 20:00	13.25	58.01	0	NNE
11/6/2024 21:00	16.48	58.06	0	NNE
11/6/2024 22:00	17.53	58.6	0	NNE
11/6/2024 23:00	16.71	58.84	0	NNE
11/7/2024 0:00	16.91	58.85	0	NNE
11/7/2024 1:00	15.7	58.62	0	NNE
11/7/2024 2:00	14.53	57.98	0	NNE
11/7/2024 3:00	17.51	57.19	0	N
11/7/2024 4:00	17.82	55.83	0	N
11/7/2024 5:00	22.32	54.66	0	N
11/7/2024 6:00	23.25	53.88	0	N
11/7/2024 7:00	30.65	52.51	0	N
11/7/2024 8:00	32.31	53.3	0	N
11/7/2024 9:00	26.06	55.81	0	NNW
11/7/2024 10:00	21.58	60.01	0	NNE
11/7/2024 11:00	24.53	61.15	0	NNE
11/7/2024 12:00	26.32	61.75	0	NE
11/7/2024 13:00	27.89	62.7	0	NNE
11/7/2024 14:00	23.18	63.31	0	NE
11/7/2024 15:00	21.66	64.24	0	NNE
11/7/2024 16:00	20.13	64.88	0	NE
11/7/2024 17:00	16.18	64.04	0	NE
11/7/2024 18:00	10.37	62.19	0	NNE
11/7/2024 19:00	14.05	61.55	0	NNE
11/7/2024 20:00	20.49	61.12	0	N
11/7/2024 21:00	22.33	60.71	0	N
11/7/2024 22:00	20.89	59	0	N
11/7/2024 23:00	21.11	58.23	0	N
11/8/2024 0:00	19.22	57.26	0	NNW
11/8/2024 1:00	15.77	56.41	0	N
11/8/2024 2:00	18.6	56.59	0	N
11/8/2024 3:00	18	55.37	0	N
11/8/2024 4:00	18.56	55.62	0	N
11/8/2024 5:00	16.63	55.49	0	N
11/8/2024 6:00	14.37	55.18	0	NNW
11/8/2024 7:00	13.57	54.94	0	NNW
11/8/2024 8:00	17.02	57.58	0	N
11/8/2024 9:00	12.99	60.44	0	N
11/8/2024 10:00	10.63	64.64	0	NNE
11/8/2024 11:00	6.706	67.32	0	SE
11/8/2024 12:00	7.147	68.44	0	SSE
11/8/2024 13:00	6.88	70.75	0	SSE
11/8/2024 14:00	6.977	72.03	0	SSE
11/8/2024 15:00	7.457	71.88	0	SSE
11/8/2024 16:00	7.976	69.4	0	S
11/8/2024 17:00	7.085	66.1	0	SSE
11/8/2024 18:00	5.929	63.21	0	SSE

11/8/2024 19:00	2.028	60.96	0	S
11/8/2024 20:00	3.655	58.88	0	N
11/8/2024 21:00	7.163	58.91	0	NNW
11/8/2024 22:00	9.88	58.95	0	NNW
11/8/2024 23:00	8.47	57.3	0	NNW
11/9/2024 0:00	7.9	57.38	0	NW
11/9/2024 1:00	4.549	58.81	0	NNW
11/9/2024 2:00	3.502	57.04	0	NNE
11/9/2024 3:00	4.721	56.22	0	N
11/9/2024 4:00	7.662	58.96	0	NNW
11/9/2024 5:00	7.526	56.6	0	NNW
11/9/2024 6:00	5.404	55.9	0	NNW
11/9/2024 7:00	6.286	55.63	0	N
11/9/2024 8:00	5.071	58.5	0	NNE
11/9/2024 9:00	4.56	62.65	0	NNE
11/9/2024 10:00	4.403	68.09	0	ESE
11/9/2024 11:00	5.874	70.78	0	S
11/9/2024 12:00	6.659	71.3	0	SSE
11/9/2024 13:00	6.517	72.98	0	SSE
11/9/2024 14:00	6.649	73.46	0	SSE
11/9/2024 15:00	6.598	73.72	0	S
11/9/2024 16:00	5.928	72.74	0	S
11/9/2024 17:00	6.903	69.37	0	S
11/9/2024 18:00	6.18	66.09	0	SSW
11/9/2024 19:00	3.719	64.21	0	SW
11/9/2024 20:00	4.375	63.51	0	NW
11/9/2024 21:00	7.701	62.18	0	NNW
11/9/2024 22:00	8.7	62.74	0	NW
11/9/2024 23:00	8.01	63.4	0	NNW
11/10/2024 0:00	7.463	60.85	0	NNW
11/10/2024 1:00	6.124	58.84	0	NW
11/10/2024 2:00	6.642	58.97	0	NW
11/10/2024 3:00	5.665	59.37	0	NNW
11/10/2024 4:00	5.263	58.89	0	NNW
11/10/2024 5:00	5.734	59.93	0	NNW
11/10/2024 6:00	6.505	58.98	0	N
11/10/2024 7:00	6.929	57.41	0	NNW
11/10/2024 8:00	10.5	60.87	0	N
11/10/2024 9:00	10.95	64.48	0	N
11/10/2024 10:00	8.4	67.98	0	N
11/10/2024 11:00	5.451	72.73	0	E
11/10/2024 12:00	7.32	74.01	0	SSE
11/10/2024 13:00	7.584	74.56	0	SSE
11/10/2024 14:00	6.513	75.37	0	SSE
11/10/2024 15:00	5.497	74.78	0	S
11/10/2024 16:00	5.139	74.86	0	S
11/10/2024 17:00	5.459	71.72	0	S

11/10/2024 18:00	4.944	67.01	0	SSE
11/10/2024 19:00	2.698	65.31	0	SSW
11/10/2024 20:00	2.588	64.46	0	WSW
11/10/2024 21:00	6.933	62.56	0	NNW
11/10/2024 22:00	3.824	62.5	0	NNW
11/10/2024 23:00	2.901	61.16	0	N
11/11/2024 0:00	4.494	61.44	0	N
11/11/2024 1:00	6.25	62.25	0	NNW
11/11/2024 2:00	3.653	61.08	0	N
11/11/2024 3:00	2.189	60.21	0	ESE
11/11/2024 4:00	2.056	56.24	0	S
11/11/2024 5:00	2.168	56.27	0	W
11/11/2024 6:00	2.484	56.83	0	SW
11/11/2024 7:00	3.698	58.27	0	SSW
11/11/2024 8:00	3.735	61.1	0	SSE
11/11/2024 9:00	4.19	64.62	0	SE
11/11/2024 10:00	6.198	66.15	0	SE
11/11/2024 11:00	9.29	66.88	0	SSE
11/11/2024 12:00	9.5	67.63	0	SSE
11/11/2024 13:00	8.5	67.21	0	S
11/11/2024 14:00	10.12	65.98	0	SSW
11/11/2024 15:00	10.02	65.81	0	SSW
11/11/2024 16:00	9.62	64.02	0	WSW
11/11/2024 17:00	11.03	59.59	0	SW
11/11/2024 18:00	5.36	57.08	0	SSW
11/11/2024 19:00	6.787	55.09	0	SSW
11/11/2024 20:00	3.42	55.12	0	WSW
11/11/2024 21:00	14.71	54.45	0	N
11/11/2024 22:00	25.22	53.89	0	NNW
11/11/2024 23:00	22.9	53.52	0	NNW
11/12/2024 0:00	24.6	51.67	0	NNW
11/12/2024 1:00	19.05	50.61	0	NNW
11/12/2024 2:00	18.9	49.94	0	NNW
11/12/2024 3:00	25.43	50.25	0	N
11/12/2024 4:00	19.84	49.56	0	N
11/12/2024 5:00	19.67	49.23	0	N
11/12/2024 6:00	20.56	49	0	N
11/12/2024 7:00	22.31	48.36	0	N
11/12/2024 8:00	23.62	49.15	0	N
11/12/2024 9:00	22.07	52.3	0	N
11/12/2024 10:00	22.49	54.69	0	N
11/12/2024 11:00	19.3	57.65	0	NNW
11/12/2024 12:00	23.81	60.75	0	NNE
11/12/2024 13:00	25.09	62.17	0	NNE
11/12/2024 14:00	23.09	63.28	0	NNE
11/12/2024 15:00	21.25	63.98	0	NNE
11/12/2024 16:00	21.41	64.03	0	NNE

11/12/2024 17:00	18.52	63.26	0	NNE
11/12/2024 18:00	19.27	62.23	0	N
11/12/2024 19:00	19.26	59.38	0	NNW
11/12/2024 20:00	21.62	57.66	0	NNW
11/12/2024 21:00	19.34	57.61	0	NNW
11/12/2024 22:00	18.41	57.86	0	NNW
11/12/2024 23:00	17.21	57.48	0	NNW
11/13/2024 0:00	17.02	57.54	0	NNW
11/13/2024 1:00	19.83	57.31	0	NNW
11/13/2024 2:00	17.9	56.97	0	NNW
11/13/2024 3:00	16.27	56.31	0	NNW
11/13/2024 4:00	15.57	55.82	0	NNW
11/13/2024 5:00	15.71	55.29	0	NNW
11/13/2024 6:00	16.14	55.37	0	NNW
11/13/2024 7:00	16.37	55.45	0	NNW
11/13/2024 8:00	17.24	57.06	0	NNW
11/13/2024 9:00	14.65	59.07	0	NNW
11/13/2024 10:00	13.42	61.46	0	N
11/13/2024 11:00	10.38	64.64	0	NNW
11/13/2024 12:00	5.807	69.09	0	N
11/13/2024 13:00	4.295	72.75	0	SW
11/13/2024 14:00	5.927	73.22	0	S
11/13/2024 15:00	5.331	72.86	0	S
11/13/2024 16:00	4.691	72.67	0	SW
11/13/2024 17:00	5.546	68.78	0	W
11/13/2024 18:00	7.001	64.35	0	N
11/13/2024 19:00	6.284	61.95	0	NNW
11/13/2024 20:00	10.44	61.59	0	N
11/13/2024 21:00	12.36	60.76	0	NNW
11/13/2024 22:00	10.5	59.54	0	NNW
11/13/2024 23:00	7.628	58.98	0	NNW
11/14/2024 0:00	11.76	58.93	0	N
11/14/2024 1:00	13.1	58.85	0	NNW
11/14/2024 2:00	12.22	59.04	0	NNW
11/14/2024 3:00	9.98	60.4	0	NNW
11/14/2024 4:00	9.62	60.07	0	NNW
11/14/2024 5:00	7.862	59.28	0	NNW
11/14/2024 6:00	6.179	57.65	0	N
11/14/2024 7:00	6.903	56.45	0	N
11/14/2024 8:00	5.977	58.82	0	N
11/14/2024 9:00	6.055	62.51	0	NNE
11/14/2024 10:00	5.059	67.01	0	ESE
11/14/2024 11:00	7.516	68.72	0	SE
11/14/2024 12:00	8.14	70.03	0	SSE
11/14/2024 13:00	8.49	70.41	0	S
11/14/2024 14:00	10.66	70.1	0	SSE
11/14/2024 15:00	11.11	68.53	0	SSE

11/14/2024 16:00	10.92	65.38	0	SSE
11/14/2024 17:00	10.03	62.48	0	SSE
11/14/2024 18:00	8.28	58.22	0	S
11/14/2024 19:00	5.348	55.91	0	S
11/14/2024 20:00	5.16	53.44	0	SW
11/14/2024 21:00	6.392	51.6	0	SSE
11/14/2024 22:00	7.756	50.4	0	SSE
11/14/2024 23:00	11.57	50.4	0	SE
11/15/2024 0:00	9.6	51	0	SSE
11/15/2024 1:00	11.51	50.03	0	S
11/15/2024 2:00	9.29	49.08	0	S
11/15/2024 3:00	5.873	48.68	0	SSW
11/15/2024 4:00	3.185	48.71	0	SSW
11/15/2024 5:00	4.293	48.99	0	SW
11/15/2024 6:00	3.519	48.97	0	WSW
11/15/2024 7:00	2.39	48.85	0	WSW
11/15/2024 8:00	2.076	49.35	0	SW
11/15/2024 9:00	4.953	51.51	0	NE
11/15/2024 10:00	4.06	49.98	0	NNW
11/15/2024 11:00	5.034	54.34	0	SW
11/15/2024 12:00	4.511	56.94	0	SW
11/15/2024 13:00	5.674	56.64	0	SW
11/15/2024 14:00	10.82	53.36	0	NNW
11/15/2024 15:00	8.21	51.92	0.01	WNW
11/15/2024 16:00	10.56	52.81	0	NW
11/15/2024 17:00	17.98	52.15	0	N
11/15/2024 18:00	19.3	50.13	0	N
11/15/2024 19:00	21.05	48.29	0	N
11/15/2024 20:00	20.06	48.25	0	N
11/15/2024 21:00	27.44	48.6	0	N
11/15/2024 22:00	30.49	48.48	0	N
11/15/2024 23:00	26.91	47.98	0	NNW
11/16/2024 0:00	26.51	47.25	0	NNW
11/16/2024 1:00	27.96	47.01	0	NNW
11/16/2024 2:00	24.28	45.93	0	NNW
11/16/2024 3:00	19.85	45.19	0	N
11/16/2024 4:00	14.97	44.33	0	NNW
11/16/2024 5:00	17.56	43.94	0	NNW
11/16/2024 6:00	15.17	44.4	0	NNW
11/16/2024 7:00	13.87	44.34	0	NNW
11/16/2024 8:00	10.82	45.58	0	N
11/16/2024 9:00	13.16	47.37	0	N
11/16/2024 10:00	12.32	50.43	0	N
11/16/2024 11:00	13.35	53.83	0	N
11/16/2024 12:00	15.08	56.15	0	NNW
11/16/2024 13:00	14.2	57.19	0	NNW
11/16/2024 14:00	12.67	58.54	0	NNW

11/16/2024 15:00	14.42	58.62	0	NNW
11/16/2024 16:00	16.84	56.62	0	NNW
11/16/2024 17:00	18.25	53.22	0	NNW
11/16/2024 18:00	16.43	50.56	0	NNW
11/16/2024 19:00	18.68	49.54	0	NNW
11/16/2024 20:00	15.42	48.9	0	NNW
11/16/2024 21:00	17.04	49.19	0	NNW
11/16/2024 22:00	15.13	49.34	0	NNW
11/16/2024 23:00	14.05	49.45	0	NNW
11/17/2024 0:00	14.92	49.11	0	NNW
11/17/2024 1:00	16.25	49.05	0	N
11/17/2024 2:00	15.6	48.27	0	N
11/17/2024 3:00	15.3	48.36	0	N
11/17/2024 4:00	14.39	48.15	0	N
11/17/2024 5:00	15	48.53	0	N
11/17/2024 6:00	16.65	47.75	0	NNW
11/17/2024 7:00	11.83	47.68	0	N
11/17/2024 8:00	14.68	49.79	0	N
11/17/2024 9:00	16.82	52.02	0	NNW
11/17/2024 10:00	18.85	55.36	0	N
11/17/2024 11:00	17.53	58.65	0	NNW
11/17/2024 12:00	12.22	61.33	0	NNW
11/17/2024 13:00	13.65	62.77	0	NNE
11/17/2024 14:00	14.82	63.37	0	NNE
11/17/2024 15:00	14.73	63.98	0	NNE
11/17/2024 16:00	8.93	64.46	0	NNE
11/17/2024 17:00	4.6	62.65	0	N
11/17/2024 18:00	6.581	58.45	0	ESE
11/17/2024 19:00	4.719	56.44	0	SSE
11/17/2024 20:00	3.011	54.55	0	SSE
11/17/2024 21:00	1.967	53.2	0	SSW
11/17/2024 22:00	4.026	52.88	0	NNW
11/17/2024 23:00	13.19	53.06	0	NNW
11/18/2024 0:00	13.09	53.9	0	NNW
11/18/2024 1:00	8.7	54.1	0	NNW
11/18/2024 2:00	2.848	50.27	0	S
11/18/2024 3:00	5.473	50.38	0	SW
11/18/2024 4:00	4.907	50.4	0	WSW
11/18/2024 5:00	4.529	48.92	0	SSW
11/18/2024 6:00	3.123	49.58	0	WNW
11/18/2024 7:00	2.784	49.47	0	NNW
11/18/2024 8:00	2.767	50.09	0	SSE
11/18/2024 9:00	4.224	53.75	0	SSE
11/18/2024 10:00	5.793	54.8	0	SSE
11/18/2024 11:00	5.084	56.71	0	SE
11/18/2024 11:00	5.084	56.71	0	SE
11/18/2024 12:00	5.646	58.76	0	SSE

11/18/2024 13:00	6.436	59.8	0	S
11/18/2024 14:00	7.318	60.73	0	SSE
11/18/2024 15:00	10.33	59.88	0	SE
11/18/2024 16:00	15.66	55.5	0	NNW
11/18/2024 17:00	18.86	51.91	0	NNW
11/18/2024 18:00	22.47	50.19	0	NNW
11/18/2024 19:00	26.82	49.83	0	NNW
11/18/2024 20:00	24.2	50.13	0	NNW
11/18/2024 21:00	16.19	49.17	0	N
11/18/2024 22:00	20.18	48.05	0	NNW
11/18/2024 23:00	23.51	47.84	0	N
11/19/2024 0:00	18.95	47.4	0	N
11/19/2024 1:00	17.89	47.35	0	N
11/19/2024 2:00	18.94	47.39	0	NNW
11/19/2024 3:00	18.77	46.52	0	NNW
11/19/2024 4:00	19.4	46.3	0	NNW
11/19/2024 5:00	22.58	47.66	0	N
11/19/2024 6:00	23.04	47.92	0	N
11/19/2024 7:00	22.78	46.7	0	N
11/19/2024 8:00	20.18	47.02	0	N
11/19/2024 9:00	19.06	49.07	0	N
11/19/2024 10:00	19.27	52.67	0	N
11/19/2024 11:00	17.61	56.61	0	N
11/19/2024 12:00	15.19	59.01	0	N
11/19/2024 13:00	16	60.13	0	NNW
11/19/2024 14:00	12.67	61.42	0	N
11/19/2024 15:00	8.92	62.68	0	NNW
11/19/2024 16:00	9.32	62.36	0	NNW
11/19/2024 17:00	12.07	60.16	0	NNW
11/19/2024 18:00	14.94	58.38	0	NNW
11/19/2024 19:00	17.88	56.84	0	NNW
11/19/2024 20:00	19.5	55.81	0	NNW
11/19/2024 21:00	19.34	55.03	0	NNW
11/19/2024 22:00	18.84	54.44	0	NNW
11/19/2024 23:00	16.33	54.13	0	NNW
11/20/2024 0:00	15.54	53.88	0	NNW
11/20/2024 1:00	14.95	53.52	0	NNW
11/20/2024 2:00	16.2	52.83	0	NNW
11/20/2024 3:00	15.01	52.14	0	NNW
11/20/2024 4:00	15.67	51.59	0	NNW
11/20/2024 5:00	14.89	51.15	0	NNW
11/20/2024 6:00	13.67	50.61	0	N
11/20/2024 7:00	12.01	51.02	0	NNW
11/20/2024 8:00	11.29	51.25	0	N
11/20/2024 9:00	10.11	54.41	0	N
11/20/2024 10:00	6.989	59.42	0	NNE
11/20/2024 11:00	5.173	63.34	0	ENE

11/20/2024 12:00	6.24	66.55	0	SSE
11/20/2024 13:00	6.954	67.64	0	SSE
11/20/2024 14:00	6.739	68.11	0	S
11/20/2024 15:00	5.928	68.2	0	SSE
11/20/2024 16:00	4.348	67.96	0	S
11/20/2024 17:00	3.295	65.53	0	SSW
11/20/2024 18:00	2.22	63.14	0	SSW
11/20/2024 19:00	1.514	61.21	0	SW
11/20/2024 20:00	3.125	59.87	0	NNW
11/20/2024 21:00	6.568	57.04	0	NNW
11/20/2024 22:00	7.173	57	0	NNW
11/20/2024 23:00	7.682	58.25	0	NNW
11/21/2024 0:00	7.843	57.91	0	NNW
11/21/2024 1:00	8.48	54.95	0	NW
11/21/2024 2:00	8.02	52.83	0	NW
11/21/2024 3:00	9.06	55.7	0	NW
11/21/2024 4:00	7.634	55.95	0	NW
11/21/2024 5:00	7.864	52.99	0	NW
11/21/2024 6:00	8.05	54.23	0	NNW
11/21/2024 7:00	9.47	52.82	0	NNW
11/21/2024 8:00	9.11	56.41	0	NNW
11/21/2024 9:00	8.53	59.52	0	N
11/21/2024 10:00	6.284	65.58	0	N
11/21/2024 11:00	3.304	70.02	0	ENE
11/21/2024 12:00	4.562	72.23	0	ENE
11/21/2024 13:00	6.919	73.84	0	SSE
11/21/2024 14:00	6.683	74.55	0	S
11/21/2024 15:00	6.272	74.69	0	S
11/21/2024 16:00	5.53	73.42	0	S
11/21/2024 17:00	4.189	70.91	0	SSW
11/21/2024 18:00	3.49	66.57	0	NNW
11/21/2024 19:00	4.846	63.99	0	NNW
11/21/2024 20:00	9.57	62.3	0	NNW
11/21/2024 21:00	9.59	62.17	0	NNW
11/21/2024 22:00	7.624	60.91	0	NNW
11/21/2024 23:00	7.905	60.15	0	NNW
11/22/2024 0:00	7.137	61.2	0	NNW
11/22/2024 1:00	7.961	60.43	0	NNW
11/22/2024 2:00	5.866	60.54	0	NNW
11/22/2024 3:00	5.006	59.72	0	N
11/22/2024 4:00	4.209	59	0	N
11/22/2024 5:00	6.987	56.53	0	N
11/22/2024 6:00	5.98	57.59	0	N
11/22/2024 7:00	7.044	57.95	0	NNW
11/22/2024 8:00	6.722	60.36	0	NNW
11/22/2024 9:00	2.647	65.59	0	N
11/22/2024 10:00	2.975	67.64	0	ENE

11/22/2024 11:00	6.169	70.73	0	SSE
11/22/2024 12:00	7.456	70.92	0	SSE
11/22/2024 13:00	8.82	71.98	0	SSE
11/22/2024 14:00	8.42	72.08	0	SSE
11/22/2024 15:00	7.363	71.91	0	SSE
11/22/2024 16:00	7.909	70.5	0	S
11/22/2024 17:00	7.45	66.73	0	S
11/22/2024 18:00	7.218	63.69	0	S
11/22/2024 19:00	4.025	60.64	0	S
11/22/2024 20:00	4.558	58.78	0	SSW
11/22/2024 21:00	5.139	58.38	0	SSW
11/22/2024 22:00	2.01	57.6	0	SW
11/22/2024 23:00	4.423	57.76	0	SSW
11/23/2024 0:00	4.282	56.56	0	SSW
11/23/2024 1:00	5.239	54.87	0	SSW
11/23/2024 2:00	6.856	55.26	0	SSW
11/23/2024 3:00	7.554	51.41	0	S
11/23/2024 4:00	7.481	50.12	0	S
11/23/2024 5:00	3.119	48.37	0	SSE
11/23/2024 6:00	4.907	46.51	0	NNW
11/23/2024 7:00	4.754	46.77	0	NNW
11/23/2024 8:00	2.777	50.24	0	SSE
11/23/2024 9:00	5.489	51.5	0	S
11/23/2024 10:00	4.803	52.92	0	SSE
11/23/2024 11:00	5.225	54.89	0	S
11/23/2024 12:00	7.441	54.85	0	S
11/23/2024 13:00	7.773	52.93	0	S
11/23/2024 14:00	6.182	51.6	0	S
11/23/2024 15:00	6.274	51.48	0	S
11/23/2024 16:00	7.584	51.74	0	S
11/23/2024 17:00	7.064	52.34	0	S
11/23/2024 18:00	7.296	52.42	0	S
11/23/2024 19:00	6.284	51.96	0	S
11/23/2024 20:00	4.595	51.8	0.03	SSE
11/23/2024 21:00	5.239	51.94	0.03	S
11/23/2024 22:00	5.167	51.81	0.06	S
11/23/2024 23:00	5.05	51.97	0.03	S
11/24/2024 0:00	4.661	52.18	0.03	S
11/24/2024 1:00	5.182	52.15	0	S
11/24/2024 2:00	5.68	51.73	0	SSW
11/24/2024 3:00	6.231	51.27	0	SSW
11/24/2024 4:00	4.362	50.67	0	SSW
11/24/2024 5:00	2.373	49.97	0.01	NW
11/24/2024 6:00	1.166	49.15	0	WSW
11/24/2024 7:00	0.649	48.98	0	SSE
11/24/2024 8:00	1.189	48.96	0	S
11/24/2024 9:00	1.006	49.6	0	SSE

11/24/2024 10:00	2.054	51.96	0	S
11/24/2024 11:00	3.821	54.37	0	SSE
11/24/2024 12:00	4.75	56.16	0	S
11/24/2024 13:00	6.114	57.47	0	SSW
11/24/2024 14:00	5.19	58.09	0	SSW
11/24/2024 15:00	6.469	58.5	0	SW
11/24/2024 16:00	4.755	57.76	0	SW
11/24/2024 17:00	3.927	55.32	0	SW
11/24/2024 18:00	5.108	52.86	0	W
11/24/2024 19:00	4.646	53.38	0	SW
11/24/2024 20:00	1.583	51.72	0	NNW
11/24/2024 21:00	2.055	50.83	0	NW
11/24/2024 22:00	4.03	49.97	0	N
11/24/2024 23:00	4.869	49.56	0	NNW
11/25/2024 0:00	2.248	50.35	0	NNW
11/25/2024 1:00	4.415	49.96	0	NNW
11/25/2024 2:00	1.975	49.79	0	NNW
11/25/2024 3:00	6.398	48.84	0	NNW
11/25/2024 4:00	6.763	49	0	NNW
11/25/2024 5:00	5.226	50.17	0	NNW
11/25/2024 6:00	3.88	51.29	0	NNW
11/25/2024 7:00	3.119	51.81	0	NNW
11/25/2024 8:00	1.72	53.01	0	S
11/25/2024 9:00	1.106	54.24	0	SE
11/25/2024 10:00	2.69	54.57	0	SE
11/25/2024 11:00	9.92	52.65	0	N
11/25/2024 12:00	6.379	56.73	0	N
11/25/2024 13:00	3.744	59.27	0	NE
11/25/2024 14:00	4.248	61.15	0	SSE
11/25/2024 15:00	6.72	62.67	0	SSW
11/25/2024 16:00	6.43	61.65	0	SW
11/25/2024 17:00	3.663	60.58	0	SSW
11/25/2024 18:00	4.434	59.07	0	SW
11/25/2024 19:00	6.155	58.5	0	S
11/25/2024 20:00	4.82	58.6	0	SSW
11/25/2024 21:00	4.547	58.92	0	SSW
11/25/2024 22:00	3.729	58.82	0	SSW
11/25/2024 23:00	3.909	57.56	0	SW
11/26/2024 0:00	6.007	57.74	0	S
11/26/2024 1:00	6.037	56.92	0	SSW
11/26/2024 2:00	5.442	57.19	0	SSW
11/26/2024 3:00	5.124	56.99	0	SSW
11/26/2024 4:00	6.13	55.57	0	S
11/26/2024 5:00	8.53	55.78	0	S
11/26/2024 6:00	7.648	55.55	0	S
11/26/2024 7:00	7.424	55.13	0	S
11/26/2024 8:00	8.26	55.43	0	S

11/26/2024 9:00	9.16	56.37	0	S
11/26/2024 10:00	10.55	57.1	0	S
11/26/2024 11:00	9.78	57.58	0	S
11/26/2024 12:00	10.81	58.39	0	SSE
11/26/2024 13:00	11.01	56.86	0	S
11/26/2024 14:00	9.9	56.02	0.04	S
11/26/2024 15:00	9.41	56.12	0.05	S
11/26/2024 16:00	9.78	56.14	0.01	S
11/26/2024 17:00	9.46	55.94	0.02	SSE
11/26/2024 18:00	8.56	55.81	0.02	SSE
11/26/2024 19:00	7.684	55.77	0.04	S
11/26/2024 20:00	8.21	55.74	0.02	S
11/26/2024 21:00	8.99	55.71	0.02	S
11/26/2024 22:00	8.4	55.56	0.01	S
11/26/2024 23:00	6.185	55.46	0.01	S
11/27/2024 0:00	5.295	55.45	0.01	S
11/27/2024 1:00	6.409	55.32	0.01	S
11/27/2024 2:00	3.656	55.28	0.02	SSW
11/27/2024 3:00	3.73	55.43	0.01	S
11/27/2024 4:00	1.811	55.23	0	SSE
11/27/2024 5:00	8.65	52.61	0	NNW
11/27/2024 6:00	8.55	52.8	0	NNW
11/27/2024 7:00	10.6	53.14	0	NNW
11/27/2024 8:00	9.95	53.6	0	NNW
11/27/2024 9:00	11.39	55.17	0	NNW
11/27/2024 10:00	14.76	55.82	0	NNW
11/27/2024 11:00	14.36	58.5	0	NNW
11/27/2024 11:00	14.36	58.5	0	NNW
11/27/2024 12:00	15.76	61.53	0	NNW
11/27/2024 13:00	15.11	64.44	0	NNE
11/27/2024 14:00	14.91	64.92	0	NNE
11/27/2024 15:00	11.74	65.79	0	NNE
11/27/2024 16:00	9.78	65.22	0	NNE
11/27/2024 17:00	3.884	60.22	0	SSW
11/27/2024 18:00	2.352	57.82	0	NNE
11/27/2024 19:00	11.44	59.71	0	NNW
11/27/2024 20:00	14.29	58.95	0	NNW
11/27/2024 21:00	15.98	58.21	0	NNW
11/27/2024 22:00	18.77	57.55	0	NNW
11/27/2024 23:00	19.46	56.99	0	NNW
11/28/2024 0:00	22.09	56.09	0	NNW
11/28/2024 1:00	21.26	55.45	0	NNW
11/28/2024 2:00	24.66	54.67	0	NNW
11/28/2024 3:00	25.87	53.71	0	NNW
11/28/2024 4:00	27.82	53.05	0	NNW
11/28/2024 5:00	29.46	52.66	0	NNW
11/28/2024 6:00	29.61	51.88	0	N

11/28/2024 7:00	29.44	50.86	0	NNW
11/28/2024 8:00	29.26	50.58	0	NNW
11/28/2024 9:00	29.64	52.68	0	NNW
11/28/2024 10:00	29.6	56.15	0	N
11/28/2024 11:00	28.34	57.8	0	N
11/28/2024 12:00	27.96	58.97	0	N
11/28/2024 13:00	25.43	60.88	0	NNE
11/28/2024 14:00	28.85	61.69	0	NNE
11/28/2024 15:00	26.43	62.43	0	NNE
11/28/2024 16:00	26.35	62.18	0	N
11/28/2024 17:00	26.66	60.91	0	N
11/28/2024 18:00	25.79	59.14	0	N
11/28/2024 19:00	25.42	57.94	0	N
11/28/2024 20:00	22.43	56.82	0	N
11/28/2024 21:00	25.26	55.62	0	NNW
11/28/2024 22:00	27.08	55.57	0	NNW
11/28/2024 23:00	27.96	55.91	0	NNW
11/29/2024 0:00	28.12	55.97	0	NNW
11/29/2024 1:00	27.91	55.28	0	N
11/29/2024 2:00	27.52	54.1	0	NNW
11/29/2024 3:00	27.96	53.56	0	NNW
11/29/2024 4:00	28.39	53.07	0	NNW
11/29/2024 5:00	28.69	53.19	0	NNW
11/29/2024 6:00	29.68	53.41	0	NNW
11/29/2024 7:00	30.06	53.25	0	NNW
11/29/2024 8:00	28.33	53.57	0	NNW
11/29/2024 9:00	28.38	54.43	0	NNW
11/29/2024 10:00	28.38	55.94	0	N
11/29/2024 11:00	30.54	57.06	0	N
11/29/2024 12:00	29.97	58.16	0	N
11/29/2024 13:00	28.32	58.22	0	N
11/29/2024 14:00	29.51	57.71	0	N
11/29/2024 15:00	27.79	58.05	0	N
11/29/2024 16:00	25.12	59.03	0	N
11/29/2024 17:00	23.48	58.5	0	N
11/29/2024 18:00	25.37	57.5	0	NNW
11/29/2024 19:00	24.35	56.92	0	NNW
11/29/2024 20:00	24.44	56.53	0	NNW
11/29/2024 21:00	24.5	56.35	0	NNW
11/29/2024 22:00	25.38	56.32	0	NNW
11/29/2024 23:00	24.57	56.43	0	NNW
11/30/2024 0:00	27.5	56.44	0	NNW
11/30/2024 1:00	27.36	56.25	0	NNW
11/30/2024 2:00	27.65	56.63	0	NNW
11/30/2024 3:00	27.63	56.84	0	NNW
11/30/2024 4:00	28.19	56.52	0	NNW
11/30/2024 5:00	29.62	56	0	NNW

11/30/2024 6:00	27.59	55.93	0	NNW	
11/30/2024 7:00	27.68	55.67	0	NNW	
11/30/2024 8:00	26.69	56.09	0	NNW	
11/30/2024 9:00	24.83	57.62	0	NNW	
11/30/2024 10:00	25.93	59.84	0	NNW	
11/30/2024 11:00	24.08	62.83	0	NNW	
11/30/2024 12:00	21.77	65.72	0	N	
11/30/2024 13:00	19.79	68.24	0	N	
11/30/2024 14:00	18.11	67.92	0	N	
11/30/2024 15:00	20.85	67.16	0	N	
11/30/2024 16:00	19.64	65.53	0	N	
11/30/2024 17:00	21.18	64.11	0	NNW	
11/30/2024 18:00	21.3	63.26	0	NNW	
11/30/2024 19:00	20.56	62.45	0	NNW	
11/30/2024 20:00	18.77	62.03	0	NNW	
11/30/2024 21:00	17.5	61.02	0	NNW	
11/30/2024 22:00	16.73	60.42	0	NNW	
11/30/2024 23:00	16.24	60.71	0	NNW	

APPENDIX B

October 2024

FACILITY INSPECTION REPORT

Disposal Facility (Site) Inspection Report (52)
Sunshine Canyon City/County Landfill (19-AA-2000)
10/30/2024

Inspection Information

Inspected By: Sunshine Canyon Landfill **Local Inspection ID:**
Inspection Date: 10/30/2024 **Time In:**
Inspection Type: Periodic **Time Out:**
Inspector: Lilit Baghumyan **Inspection Duration:**
Operator: Browning-Ferris Industries of California, Inc.
Received By:
Also Present (Name):

Facility/Activity Information

Enforcement Agency: Sunshine Canyon Landfill **SWIS Number:** 19-AA-2000
Jurisdiction
Facility: **Sunshine Canyon City/County Landfill**
14747 San Fernando Road, Sylmar
Sunshine LF (in Los Angeles County), CA 91342
Activity: Solid Waste Landfill
Operational Status: Active **Regulatory Status:** Permitted
Land Owners(s):
Browning-Ferris Ind. Of Calif., Inc.

The above facility was inspected for compliance with applicable sections of Division 30 of the Public Resources Code (PRC) and Title 14 and Title 27, California Code of Regulations (CCR).

No Violations

No Areas of Concern

Non-Cited Regulations

Closure

27 CCR 21110 Time Frame for Closure
27 CCR 21780 Closure Plan
27 CCR 21860(f) Schedule Review/Approval C/PC Plans

Confined Unloading

Disposal Facility (Site) Inspection Report (52)
Sunshine Canyon City/County Landfill (19-AA-2000)
10/30/2024

27 CCR 20630 Confined Unloading

Controls

27 CCR 20760 Nuisance Control
27 CCR 20770 Animal Feeding
27 CCR 20780 Open Burning and Burning Wastes
27 CCR 20790 Leachate Control
27 CCR 20800 Dust Control
27 CCR 20810 Vector and Bird Control
27 CCR 20820 Drainage and Erosion Control
27 CCR 20830 Litter Control
27 CCR 20840 Noise Control
27 CCR 20860 Traffic Control
27 CCR 20870 Hazardous Wastes
27 CCR 20880 Medical Wastes
27 CCR 20890 Dead Animals
27 CCR 20900 Air Criteria

Corrective Action

27 CCR 22101 Corrective Action Cost Estimate
27 CCR 22103 Updated Corrective Action Cost Estimate

Daily & Intermediate Cover

27 CCR 20670 Availability of Cover Material
27 CCR 20680 Daily Cover
27 CCR 20686 Beneficial Reuse
27 CCR 20690 Alternative Daily Cover
27 CCR 20695 Performance Standards
27 CCR 20700 Intermediate Cover

Gas Monitoring & Control

27 CCR 20918 Exemptions
27 CCR 20919 Gas Control
27 CCR 20921 Gas Monitoring and Control
27 CCR 20923 Gas Monitoring
27 CCR 20925 Perimeter Monitoring Network
27 CCR 20931 Structure Monitoring
27 CCR 20932 Monitored Parameters
27 CCR 20933 Monitoring Frequency
27 CCR 20934 Reporting
27 CCR 20937 Reporting and Control of Excessive Gas Concentrations
27 CCR 20939 Control of Excessive Gas Concentrations

Handling Equipment & Maintenance

27 CCR 20710 Scavenging, Salvaging, and Storage
27 CCR 20720 Non-Salvageable Items

Disposal Facility (Site) Inspection Report (52)
Sunshine Canyon City/County Landfill (19-AA-2000)
10/30/2024

- 27 CCR 20730 Volume Reduction and Energy Recovery
- 27 CCR 20740 Equipment
- 27 CCR 20750 Site Maintenance

Location Restrictions

- 27 CCR 20270 Airport Safety

Operating Criteria

- 27 CCR 20510 Disposal Site Records
- 27 CCR 20515 MSWLF Unit Records
- 27 CCR 20517 Document Approvals / Requirements
- 27 CCR 20520 Signs
- 27 CCR 20530 Site Security
- 27 CCR 20540 Roads
- 27 CCR 20550 Sanitary Facilities
- 27 CCR 20560 Drinking Water Supply
- 27 CCR 20570 Communications Facilities
- 27 CCR 20580 Lighting

Permits

- PRC 44002 Operator Authorized by SWF Permit
- PRC 44004(a) Significant Change
- PRC 44014(b) Operator Complies with Terms & Conditions
- 27 CCR 21600 Report of Disposal Site Information
- 27 CCR 21640 Permit Review Application
- 27 CCR 21695 Organic Disposal Reduction Status Impact Report

Personnel

- 27 CCR 20590 Personnel Health and Safety
- 27 CCR 20610 Training
- 27 CCR 20615 Supervision
- 27 CCR 20620 Site Attendant

Record Keeping Requirements

- 14 CCR 17370.2 Industrial Waste Codisposal Facility
- 14 CCR 17388.5 CDI Waste Disposal Facility - Full Permit Required

Spreading/Compacting

- 27 CCR 20640 Spreading and Compacting
- 27 CCR 20650 Grading of Fill Surfaces
- 27 CCR 20660 Stockpiling

Tires

- 14 CCR 17351 Fire Prevention Measures
- 14 CCR 17352 Facility Access and Security
- 14 CCR 17353 Vector Control Measures
- 14 CCR 17354 Outdoor Storage

Disposal Facility (Site) Inspection Report (52)
Sunshine Canyon City/County Landfill (19-AA-2000)
10/30/2024

14 CCR 17355 Disposal
14 CCR 17356 Indoor Storage
14 CCR 17357 Record Keeping

Inspection Report Comments

This report is a compilation of the SCL-LEA staff observations for the month of 2024 October.

Weather conditions were warm and dry during this observation period.

The spotters were directing traffic during this observation period.

The water trucks and sweepers were in use for dust control.

The portable water-atomizing cannons were in use.

Misters were also in use on the perimeter fences and along the haul road for odor control.

The load checks were conducted during this observation period.

The compliance perimeter gas probes on the city and the county sides were monitored during this inspection period. All perimeter probes were either non-detect for methane gas, or below 1%, by volume, except for probes: 205R-C @ 2.9%, 205R-D @ 4.5% and 245-B @ 3.3%. Compliance Wells #205R and #245 continue to be monitored for changes in methane gas concentration as of the end of this observation period.

The construction of the liner-anchoring berm and its related storm water drainage system near the front of the landfill continued during this observation period.

The construction and the lining of Cell CC5 continued during this observation period.

The construction did not cause significant interference with the normal traffic flow in and out of the landfill, or caused on-site safety hazards. Spotters were present when necessary and road signs were posted and visible to the drivers on the current haul road, as of this observation period.

No Attachments

APPENDIX C

November 2024

FACILITY INSPECTION REPORT

Disposal Facility (Site) Inspection Report (52)
Sunshine Canyon City/County Landfill (19-AA-2000)
11/30/2024

Inspection Information

Inspected By: Sunshine Canyon Landfill **Local Inspection ID:**
Inspection Date: 11/30/2024 **Time In:**
Inspection Type: Periodic **Time Out:**
Inspector: George Kasikarin **Inspection Duration:**
Operator: Browning-Ferris Industries of California, Inc.
Received By:
Also Present (Name):

Facility/Activity Information

Enforcement Agency: Sunshine Canyon Landfill **SWIS Number:** 19-AA-2000
Jurisdiction
Facility: **Sunshine Canyon City/County Landfill**
14747 San Fernando Road, Sylmar
Sunshine LF (in Los Angeles County), CA 91342
Activity: Solid Waste Landfill
Operational Status: Active **Regulatory Status:** Permitted
Land Owners(s):
Browning-Ferris Ind. Of Calif., Inc.

The above facility was inspected for compliance with applicable sections of Division 30 of the Public Resources Code (PRC) and Title 14 and Title 27, California Code of Regulations (CCR).

Violations

27 CCR 20830 - Litter Control

Litter shall be controlled, routinely collected and disposed of properly. Windblown materials shall be controlled to prevent injury to the public and personnel. Controls shall prevent the accumulation, or off-site migration, of litter in quantities that create a nuisance or cause other problems.

Scattered litter was noted around the southern portion of the site, with more litter concentration in the South City area on the steep side slopes, the trees and hillsides to

Disposal Facility (Site) Inspection Report (52)
Sunshine Canyon City/County Landfill (19-AA-2000)
11/30/2024

the south and near the entrance of the landfill.

Some windblown litter was observed going over the ridgeline into the canyon south of the landfill. The LEA heard from community members that windblown litters from the landfill were being carried into their neighborhood during the times of strong wind during this observation period.

The operator tried to mitigate the windblown litter by putting up some litter nettings in an attempt to contain the litter to the retrievable areas. After the strong wind events, the operator brought in additional crew to pick up the scattered litter and a significant amount of the litter has been removed from areas where it is retrievable. At this time, there are still areas, both retrievable and access-challenged areas with litter that requires more work.

The operator was asked to provide the LEA with a written plan and a timeline on how the site will be cleaned of all of the windblown litter.

In the future, litter needs to be better controlled to prevent windblown materials from getting into the steep side slopes and/or leaving the site where it is irretrievable.

The operator should consider suspending the tipping and dumping activities during the gusty wind periods, or until the strong wind condition has passed. Litter also needs to be collected and disposed of properly in a timely manner to prevent further migration of litter around the site and the possibility off-site migration of debris.

No Areas of Concern

Inspection Report Comments

This report is a compilation of the SCL-LEA staff observations for the month of 2024 November.

The landfill was closed on Thursday, November 28th for Thanksgiving.

A Notice of Violation (NOV) was cited for Litter Control.

Weather conditions were mostly cloudy and cool with a few days of drizzle & light rain during this observation period.

The spotters were directing traffic during this observation period.

The water trucks and sweepers were in use for dust control.

The portable water-atomizing cannons were in use. Misters were also in use on the perimeter fences and along the haul road for odor control.

The load checks were conducted during this observation period.

Disposal Facility (Site) Inspection Report (52)
Sunshine Canyon City/County Landfill (19-AA-2000)
11/30/2024

The compliance perimeter gas probes on the city and the county sides were monitored during this inspection period. All perimeter probes were either non-detect for methane gas, or below 1%, by volume, except for probes: 205R-C @ 3.1%, 205R-D @ 4.3% and 245-B @ 3.6% and 245-C @ 1.1%. Compliance Wells #205R and #245 continue to be monitored for changes in methane gas concentration as of the end of this observation period.

The construction of the liner-anchoring berm near the front of the landfill continued during this observation period.

The construction and the lining of the Cell CC5 continued during this observation period.

The construction did not cause significant interference with the normal traffic flow in and out of the landfill, or caused on-site safety hazards. Spotters were present when necessary and road signs were posted and visible to the drivers on the current haul road, as of this observation period.

No Attachments

APPENDIX D

November 2024

WEEKLY GRID INSPECTION LOGS

