

May 15, 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 – April 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 April 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 March 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 March 2024.
- The LEA monthly inspection report for April 2024 was not provided to SCL by May 15, 2024. SCL will include it in May's Monthly Activity Report. The report includes 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 – April 2024 Hourly Weather Data

Appendix B – March 2024 LEA Inspection Report

Appendix C – April 2024 Weekly Grid Inspections

SUNSHINE CANYON LANDFILL MONTHLY ACTIVITY REPORT
April 2024

Location/System	Activity	Date		Actions Taken or Comments
		Start	End	
Environmental Control Systems				
New or replaced vacuum laterals	Installation of new vacuum laterals	4/1/2024	4/30/2024	Continued improvement of the sites GCCS infrastructure.
Drainage facilities	Routine maintenance	4/1/2024	4/30/2024	Inspection of all water conveyance systems including basins to ensure integrity of the system. Removal of any large materials from drain channels blocking drainpipes or that could potentially lead to blockage. Cleaning out and around down drains and material from v-ditches. Regrading of roads to allow proper drainage.
Groundwater control monitoring systems	No work was performed	4/1/2024	4/30/2024	
Surface water control systems	Routine site maintenance	4/1/2024	4/30/2024	Continued track walking additional soils on erosion rills on slopes. Repairing of down drains. 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	4/1/2024	4/30/2024	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	4/1/2024	4/30/2024	
Breakdowns, Malfunctions, Temporary Shutdowns of Any Permanent or Temporary Environmental Control System				
Special Occurrence - Reported in Monthly LEA Report	Radiation Load	4/1/2024	4/1/2024	Monday, 4/1/2024, at 9:11 AM Sunshine Canyon Landfill received a Radiation Load from West Valley Yard (City of L.A. Truck). The load has been quarantined and is awaiting approval for burial from the LA County Department of Public Health Radiation Management Division.
Special Occurrence - Reported in Monthly LEA Report	NOV Issued	4/2/2024	4/2/2024	Tuesday, 4/2/2024, Sunshine Canyon Landfill received a Notice of Violation from the SCAQMD for alleged odors.
Special Occurrence - Reported in Monthly LEA Report	NOV Issued	4/3/2024	4/3/2024	Wednesday, 4/3/2024, Sunshine Canyon Landfill received a Notice of Violation from the SCAQMD for alleged odors.
Special Occurrence - Reported in Monthly LEA Report	Narcotics Load	4/3/2024	4/3/2024	Thursday, 4/3/2024, Sunshine Canyon Landfill received a Narcotics Loads (Marijuana Contained in Recycled Cardboard Boxes) from the LAPD at 3:10 PM with a total weight of 0.41 tons.
Special Occurrence - Reported in Monthly LEA Report	Narcotics Load	4/4/2024	4/4/2024	Thursday, 4/4/2024, Sunshine Canyon Landfill received a Narcotics Loads (Marijuana Contained in Recycled Cardboard Boxes) from the LAPD at 4:37 PM with a total weight of 0.13 tons.
Special Occurrence - Reported in Monthly LEA Report	Late Close	4/6/2024	4/6/2024	On Saturday, 4/6/2024, the operations team notified the LEA they would be going past 9 pm. All trash was covered by 10:00 PM. That is, no trash was left exposed. Should you have any questions, please let me know.
Special Occurrence - Reported in Monthly LEA Report	Narcotics Load	4/9/2024	4/9/2024	Tuesday, 4/9/2024, Sunshine Canyon Landfill received a Narcotics Loads (Marijuana Contained in Recycled Cardboard Boxes) from the LAPD at 3:35 PM with a total weight of 0.27 tons.
Special Occurrence - Reported in Monthly LEA Report	NOV Issued	4/9/2024	4/9/2024	Tuesday, 4/9/2024, Sunshine Canyon Landfill received a Notice of Violation from the SCAQMD for alleged odors.
Special Occurrence - Reported in Monthly LEA Report	NOV Issued	4/10/2024	4/10/2024	Wednesday, 4/10/2024, Sunshine Canyon Landfill received a Notice of Violation from the SCAQMD for alleged odors.
Special Occurrence - Reported in Monthly LEA Report	Narcotics Load	4/11/2024	4/11/2024	Thursday 4/11/2024, Sunshine Canyon Landfill received a Narcotics Loads (Marijuana Contained in Recycled Cardboard Boxes) from the LAPD at 3:41 PM with a total weight of 0.19 tons.

Special Occurrence - Reported in Monthly LEA Report	Narcotics Load	4/12/2024	4/12/2024	Friday, 4/12/2024, Sunshine Canyon Landfill received a Narcotics Loads (Marijuana Contained in Recycled Cardboard Boxes) from the LAPD at 1:56 PM with a total weight of 0.10 tons.
Special Occurrence - Reported in Monthly LEA Report	NOV Issued	4/16/2024	4/16/2024	Tuesday, 4/16/2024, Sunshine Canyon Landfill received a Notice of Violation from the SCAQMD for alleged odors.
Special Occurrence - Reported in Monthly LEA Report	NOV Issued	4/18/2024	4/18/2024	Thursday, 4/18/2024, Sunshine Canyon Landfill received a Notice of Violation from the SCAQMD for alleged odors
Special Occurrence - Reported in Monthly LEA Report	Narcotics Load	4/18/2024	4/18/2024	Thursday, 4/18/2024, Sunshine Canyon Landfill received a Narcotics Loads (Marijuana Contained in Recycled Cardboard Boxes) from the LAPD at 8:43 AM with a total weight of 4.26 tons.
Special Occurrence - Reported in Monthly LEA Report	Radiation Load	4/19/2024	4/19/2024	The radiation Load from Friday, 4/19/2024, has been cleared for burial by the LA County Department of Public Health Radiation Division.
Special Occurrence - Reported in Monthly LEA Report	Narcotics Load	4/20/2024	4/20/2024	Saturday, 4/20/2024, Sunshine Canyon Landfill received a Narcotics Loads (Marijuana Contained in Recycled Cardboard Boxes) from the LAPD at 11:59 AM with a total weight of 0.40 tons.
Special Occurrence - Reported in Monthly LEA Report	Free Disposal Day Event	4/20/2024	4/20/2024	On Saturday, April 20, 2024, Sunshine Canyon received a total of 18 loads for 6.53 tons for the free disposal day event.
Special Occurrence - Reported in Monthly LEA Report	NOV Issued	4/24/2024	4/24/2024	Sunshine Canyon Landfill was issued a Notice of Violation on Wednesday, April 24, 2024, for exceeding dissolved sulfides during the required semi-annual self-monitoring testing conducted on April 4, 2024.
Special Occurrence - Reported in Monthly LEA Report	Radiation Load	4/25/2024	4/25/2024	The radiation Load from Thursday, 4/25/2024, has been cleared for burial by the LA County Department of Public Health Radiation Division.
Special Occurrence - Reported in Monthly LEA Report	Radiation Load	4/26/2024	4/30/2024	The radiation Load from Friday, 4/26/2024, has been cleared for burial by the LA County Department of Public Health Radiation Division. The load was quarantined until it was approved for burial from the LA County Department of Public Health Radiation Management Division on Tuesday, 4/30/2024.
Special Occurrence - Reported in Monthly LEA Report	End Dump Truck Accident	4/29/2024	4/29/2024	On Monday, 4/29/2024, Sunshine Canyon had an end dump truck tip over. The truck was returned to its upright position. No one was injured and no damage was done to the landfill.
Special Occurrence - Reported in Monthly LEA Report	Narcotics Load	4/30/2024	4/30/2024	The radiation Load from Tuesday, 4/30/2024, has been cleared for burial by the LA County Department of Public Health Radiation Division.

Cover Inspections

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

Results of April 2024 SCAQMD Rule 1150.1 Surface Emission Monitoring

	City		County		
	#Grids Monitored	# of Grids with	#Grids Monitored	# of Grids with Exceedances	
Instantaneous SEM					For April 2024 surface emission monitoring, there were 83 integrated grids that did not pass the initial monitoring. Of the 83 integrated grids that did not pass the initial monitoring, 43 have passed the first 10-day check, 40 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	229	34	161	49	

APPENDIX A

April 2024

HOURLY WEATHER DATA

TIMESTAMP	Wind Speed	Temperature	Rain Gage	Direction	Notes
4/1/2024 0:00	5.932	46.62	0	NNW	
4/1/2024 1:00	4.789	46.36	0.01	NW	
4/1/2024 2:00	7.433	46.17	0	NW	
4/1/2024 3:00	9.04	45.9	0	NW	
4/1/2024 4:00	8.05	46.13	0	NW	
4/1/2024 5:00	5.459	45.85	0	NNW	
4/1/2024 6:00	15.68	46.79	0	NW	
4/1/2024 7:00	11.91	47.98	0	NW	
4/1/2024 8:00	15.8	50.19	0	NW	
4/1/2024 9:00	15.25	53.09	0	NNW	
4/1/2024 10:00	16.44	56.44	0	N	
4/1/2024 11:00	23.25	58.46	0	NNE	
4/1/2024 12:00	14.94	60.61	0	NNE	
4/1/2024 13:00	13.58	62.17	0	NNE	
4/1/2024 14:00	11.35	63.99	0	NNE	
4/1/2024 15:00	11.95	65.08	0	NNE	
4/1/2024 16:00	11.05	65.63	0	NNE	
4/1/2024 17:00	10.46	64.6	0	NE	
4/1/2024 18:00	8.26	61.22	0	ENE	
4/1/2024 19:00	7.924	59.07	0	WNW	
4/1/2024 20:00	17.16	58.16	0	NW	
4/1/2024 21:00	18.63	57.52	0	NW	
4/1/2024 22:00	20.11	57.28	0	NW	
4/1/2024 23:00	20.13	56.77	0	NW	
4/2/2024 0:00	18.8	55.9	0	NW	
4/2/2024 1:00	17.84	55.41	0	NW	
4/2/2024 2:00	16.35	55.64	0	NW	
4/2/2024 3:00	12.42	55.52	0	NW	
4/2/2024 4:00	9.93	54.41	0	NW	
4/2/2024 5:00	6.913	51.33	0	NNW	
4/2/2024 6:00	12.24	51.74	0	NNW	
4/2/2024 7:00	15.26	54.11	0	NNW	
4/2/2024 8:00	12.54	58.21	0	NNW	
4/2/2024 9:00	11.63	62.24	0	NNW	
4/2/2024 10:00	10.56	64.78	0	NNW	
4/2/2024 11:00	11.24	67.45	0	NNW	
4/2/2024 12:00	8.22	70.98	0	N	
4/2/2024 13:00	8.35	72.41	0	NE	
4/2/2024 14:00	8.02	74.12	0	ENE	
4/2/2024 15:00	8.45	72.52	0	SE	
4/2/2024 16:00	7.379	71.56	0	SSE	
4/2/2024 17:00	6.397	69.94	0	S	
4/2/2024 18:00	2.482	68.52	0	SSE	
4/2/2024 19:00	3.08	63.51	0	NE	
4/2/2024 20:00	4.712	61.84	0	N	
4/2/2024 21:00	6.455	59.34	0	NW	

4/2/2024 22:00	8.42	59.33	0	NW
4/2/2024 23:00	11.89	59.44	0	NW
4/3/2024 0:00	10.45	58.52	0	NW
4/3/2024 1:00	9.81	58.52	0	NW
4/3/2024 2:00	8.36	57.38	0	NNW
4/3/2024 3:00	7.148	57.44	0	NNW
4/3/2024 4:00	6.438	58.59	0	NW
4/3/2024 5:00	3.809	59.66	0	NW
4/3/2024 6:00	1.986	56.58	0	E
4/3/2024 7:00	0.874	60.15	0	SW
4/3/2024 8:00	2.31	63.44	0	SE
4/3/2024 9:00	4.388	65.61	0	SSE
4/3/2024 10:00	6.234	67.69	0	SE
4/3/2024 11:00	7.861	68.95	0	SE
4/3/2024 12:00	8.41	70.4	0	SE
4/3/2024 13:00	7.605	72.49	0	SSE
4/3/2024 14:00	9.4	72.34	0	SE
4/3/2024 15:00	7.319	72.71	0	SSW
4/3/2024 16:00	9.55	70.57	0	SW
4/3/2024 17:00	7.76	68.8	0	WSW
4/3/2024 18:00	8.75	66.23	0	WSW
4/3/2024 19:00	7.387	63.18	0	SSW
4/3/2024 20:00	4.162	58.8	0	SSE
4/3/2024 21:00	4.601	58.46	0	SSE
4/3/2024 22:00	6.36	56.88	0	SSE
4/3/2024 23:00	5.941	53.62	0	S
4/4/2024 0:00	8.01	51.08	0	S
4/4/2024 1:00	8.6	49.38	0	SSE
4/4/2024 2:00	10.49	48.37	0	SE
4/4/2024 3:00	9.46	48.43	0	SSE
4/4/2024 4:00	9	48.41	0	SSE
4/4/2024 5:00	8.99	48.27	0	S
4/4/2024 6:00	7.723	48.41	0	SSE
4/4/2024 7:00	10	48.84	0	SSE
4/4/2024 8:00	13.87	49.3	0	SSE
4/4/2024 9:00	11.88	49.38	0	SSE
4/4/2024 10:00	11.44	49.96	0	SSE
4/4/2024 11:00	15.02	51.08	0	SSE
4/4/2024 12:00	13.65	52.72	0	SSE
4/4/2024 13:00	12.74	51.5	0	S
4/4/2024 14:00	11.8	50.81	0	S
4/4/2024 15:00	9.8	51	0	SSW
4/4/2024 16:00	12	50.92	0	SW
4/4/2024 17:00	15.75	46.63	0	WSW
4/4/2024 18:00	13.09	44.41	0.01	SW
4/4/2024 19:00	6.994	44.19	0	S
4/4/2024 20:00	7.705	43.2	0	SSW

4/4/2024 21:00	6.805	42.6	0	SSW
4/4/2024 22:00	6.61	41.46	0	S
4/4/2024 23:00	4.836	41.09	0	ESE
4/5/2024 0:00	4.49	40.95	0.01	SSE
4/5/2024 1:00	4.741	39.89	0.01	S
4/5/2024 2:00	4.499	39.25	0	SSE
4/5/2024 3:00	4.215	39.2	0	SSE
4/5/2024 4:00	6.166	39.31	0	SSE
4/5/2024 5:00	6.428	39.4	0.01	SSE
4/5/2024 6:00	5.163	39.21	0.03	SSE
4/5/2024 7:00	7.127	39.66	0	SE
4/5/2024 8:00	8.41	39.93	0.01	SSE
4/5/2024 9:00	7.652	41.19	0	SE
4/5/2024 10:00	6.087	41.75	0.05	SE
4/5/2024 11:00	5.922	46.19	0	SE
4/5/2024 12:00	6.73	49.2	0	SSW
4/5/2024 13:00	9.07	50.41	0	SSW
4/5/2024 14:00	10.16	47.92	0	WSW
4/5/2024 15:00	14.01	46.21	0.01	SW
4/5/2024 16:00	15.6	46.89	0	SW
4/5/2024 17:00	10.31	46.69	0	SW
4/5/2024 18:00	7.633	45.2	0	WNW
4/5/2024 19:00	6.604	44.01	0	NW
4/5/2024 20:00	13.25	42.14	0	NNW
4/5/2024 21:00	10.82	41.01	0	NNW
4/5/2024 22:00	11.22	41.26	0	NNW
4/5/2024 23:00	8.08	40	0	NW
4/6/2024 0:00	8.91	41.11	0	NW
4/6/2024 1:00	10.04	41.93	0	NW
4/6/2024 2:00	11.97	40.86	0	NW
4/6/2024 3:00	15.25	41.47	0	NW
4/6/2024 4:00	20.18	41.63	0	NW
4/6/2024 5:00	21.38	40.5	0	NW
4/6/2024 6:00	19.15	40.95	0	NW
4/6/2024 7:00	13.46	42.58	0	NW
4/6/2024 8:00	6.101	44.98	0	NNE
4/6/2024 9:00	4.108	48.93	0	ENE
4/6/2024 10:00	4.655	50.45	0	ENE
4/6/2024 11:00	4.703	53.4	0	SE
4/6/2024 12:00	5.881	54.98	0	ESE
4/6/2024 13:00	5.343	57.19	0	SSE
4/6/2024 14:00	6.478	58.51	0	SSE
4/6/2024 15:00	5.728	59.22	0	SSE
4/6/2024 16:00	7.416	59.12	0	S
4/6/2024 17:00	7.632	56.71	0	SSW
4/6/2024 18:00	3.366	55.3	0	S
4/6/2024 19:00	2.991	51.8	0	S

4/6/2024 20:00	4.07	49.14	0	ENE
4/6/2024 21:00	3.67	47.59	0	NNW
4/6/2024 22:00	7.022	46.47	0	NW
4/6/2024 23:00	8.03	46.05	0	NW
4/7/2024 0:00	8.45	45.28	0	NNW
4/7/2024 1:00	8.71	45.38	0	NW
4/7/2024 2:00	10.46	45.83	0	NW
4/7/2024 3:00	12.17	45.64	0	NW
4/7/2024 4:00	12.37	44.88	0	NW
4/7/2024 5:00	12.47	44.78	0	NW
4/7/2024 6:00	12.89	45.02	0	NW
4/7/2024 7:00	14.15	45.74	0	NW
4/7/2024 8:00	16.01	47.94	0	NW
4/7/2024 9:00	13.49	48.79	0	NW
4/7/2024 10:00	8.29	53.27	0	NNW
4/7/2024 11:00	5.179	58.35	0	ESE
4/7/2024 12:00	6.458	59.45	0	S
4/7/2024 13:00	7.103	61.16	0	SE
4/7/2024 14:00	7.717	61.73	0	SE
4/7/2024 15:00	9.5	60.73	0	SE
4/7/2024 16:00	8.99	59.99	0	SE
4/7/2024 17:00	7.324	58.27	0	SSW
4/7/2024 18:00	5.437	56.64	0	SW
4/7/2024 19:00	5.893	53.68	0	NW
4/7/2024 20:00	18.24	51.68	0	NNW
4/7/2024 21:00	21.1	50.69	0	NW
4/7/2024 22:00	21.97	50.36	0	NW
4/7/2024 23:00	19.87	49.93	0	NNW
4/8/2024 0:00	17.38	49.49	0	NW
4/8/2024 1:00	12.9	47.94	0	NW
4/8/2024 2:00	8.58	46.07	0	NW
4/8/2024 3:00	9.05	44.53	0	NNW
4/8/2024 4:00	17.05	45.35	0	NNW
4/8/2024 5:00	21.62	46.44	0	NNW
4/8/2024 6:00	22.36	46.94	0	NNW
4/8/2024 7:00	19.61	48.42	0	NNW
4/8/2024 8:00	14.22	50.63	0	NNW
4/8/2024 9:00	12.66	53.85	0	NNW
4/8/2024 10:00	12.7	58.23	0	NNW
4/8/2024 11:00	17.07	59.8	0	N
4/8/2024 12:00	12.8	62.3	0	NNE
4/8/2024 13:00	18.71	64.79	0	NNE
4/8/2024 14:00	18.87	66.72	0	NNE
4/8/2024 15:00	20.24	67.61	0	N
4/8/2024 16:00	17.89	67.77	0	N
4/8/2024 17:00	14.03	67.27	0	NNW
4/8/2024 18:00	17.23	64.3	0	NW

4/8/2024 19:00	16.08	60.77	0	NW
4/8/2024 20:00	20.16	58.07	0	NW
4/8/2024 21:00	18.39	56.24	0	NW
4/8/2024 22:00	20.82	55.64	0	NW
4/8/2024 23:00	17.37	54.86	0	NW
4/9/2024 0:00	16.54	54.38	0	WNW
4/9/2024 1:00	15.77	54.29	0	NW
4/9/2024 2:00	13.56	54.78	0	NNW
4/9/2024 3:00	12.21	55.2	0	NNW
4/9/2024 4:00	12.81	55.4	0	NNW
4/9/2024 5:00	11.76	54.4	0	NNW
4/9/2024 6:00	15.15	55.72	0	NNW
4/9/2024 7:00	15.05	56.87	0	NNW
4/9/2024 8:00	17.57	58.51	0	NNW
4/9/2024 9:00	15.68	61.81	0	NNW
4/9/2024 10:00	17.77	65.89	0	N
4/9/2024 11:00	21.33	67.63	0	N
4/9/2024 12:00	20.72	69.12	0	N
4/9/2024 13:00	19.59	70.64	0	N
4/9/2024 14:00	15.74	72.27	0	N
4/9/2024 15:00	13.89	73.28	0	N
4/9/2024 16:00	13.09	74.1	0	N
4/9/2024 17:00	9.85	74.09	0	NNE
4/9/2024 18:00	8.42	72	0	NNW
4/9/2024 19:00	7.667	66.4	0	NNW
4/9/2024 20:00	10.3	63.41	0	NNW
4/9/2024 21:00	13.74	62.71	0	NW
4/9/2024 22:00	18.99	63.16	0	NW
4/9/2024 23:00	20.86	62.27	0	NW
4/10/2024 0:00	19.24	61.96	0	NW
4/10/2024 1:00	18.57	61.47	0	NW
4/10/2024 2:00	15.49	59.24	0	NNW
4/10/2024 3:00	11.52	58.57	0	NNW
4/10/2024 4:00	7.961	57.08	0	NNW
4/10/2024 5:00	7.21	57.36	0	NNW
4/10/2024 6:00	6.023	58.37	0	NW
4/10/2024 7:00	9.32	60.84	0	NNW
4/10/2024 8:00	8.99	64.4	0	NNW
4/10/2024 9:00	6.654	68.13	0	N
4/10/2024 10:00	4.15	72.95	0	ENE
4/10/2024 11:00	6.177	75.3	0	SE
4/10/2024 12:00	7.01	76.29	0	SE
4/10/2024 13:00	6.139	78.37	0	SE
4/10/2024 14:00	6.232	79.76	0	SSE
4/10/2024 15:00	5.926	80.7	0	SSE
4/10/2024 16:00	5.715	80.6	0	SSE
4/10/2024 17:00	7.346	78.72	0	SSE

4/10/2024 18:00	4.217	76.35	0	SW
4/10/2024 19:00	4.311	73.02	0	W
4/10/2024 20:00	2.458	69.14	0	NW
4/10/2024 21:00	6.72	67.39	0	NW
4/10/2024 22:00	8.31	66.45	0	WNW
4/10/2024 23:00	9.09	65.52	0	WNW
4/11/2024 0:00	7.223	64.19	0	NW
4/11/2024 1:00	4.699	63.37	0	N
4/11/2024 2:00	8.02	62.38	0	NW
4/11/2024 3:00	8.47	62.47	0	NW
4/11/2024 4:00	9.15	61.48	0	NW
4/11/2024 5:00	11.46	61.2	0	NW
4/11/2024 6:00	11.67	60.67	0	NW
4/11/2024 7:00	12.51	63.25	0	NNW
4/11/2024 8:00	11.7	66.43	0	NNW
4/11/2024 9:00	11.03	71.53	0	NNW
4/11/2024 10:00	6.954	74.66	0	NNE
4/11/2024 11:00	5.58	77.08	0	E
4/11/2024 12:00	6.356	79.62	0	ESE
4/11/2024 13:00	7.262	81	0	ESE
4/11/2024 14:00	6.308	83	0	SSE
4/11/2024 15:00	7.402	83.1	0	SSE
4/11/2024 16:00	8.25	80.8	0	S
4/11/2024 17:00	5.916	79.61	0	S
4/11/2024 18:00	5.095	76.77	0	SSE
4/11/2024 19:00	3.221	72.38	0	NW
4/11/2024 20:00	2.556	69.63	0	W
4/11/2024 21:00	1.71	67.61	0	ESE
4/11/2024 22:00	4.145	66.15	0	NNW
4/11/2024 23:00	4.549	62.11	0	S
4/12/2024 0:00	5.791	55.8	0	SSE
4/12/2024 1:00	5.997	54.04	0	S
4/12/2024 2:00	2.784	52.74	0	SW
4/12/2024 3:00	3.041	51.18	0	WSW
4/12/2024 4:00	3.369	56.03	0	S
4/12/2024 5:00	1.413	55.06	0	SE
4/12/2024 6:00	2.752	48.58	0	SE
4/12/2024 7:00	6.446	48.81	0	SSE
4/12/2024 8:00	10.45	49.09	0	SE
4/12/2024 9:00	10.93	49.76	0	SSE
4/12/2024 10:00	10.35	50.08	0	SSE
4/12/2024 11:00	11.07	51.28	0	SSE
4/12/2024 12:00	12.46	53.22	0	SSE
4/12/2024 13:00	13.15	52.85	0	SSE
4/12/2024 14:00	13.04	53.4	0	SSE
4/12/2024 15:00	13.19	53.16	0	SE
4/12/2024 16:00	11.78	51.53	0	SSE

4/12/2024 17:00	10.94	52.25	0	SSE
4/12/2024 18:00	10.65	51.94	0	SSE
4/12/2024 19:00	10.75	51.33	0	SSE
4/12/2024 20:00	11.15	51.11	0	SSE
4/12/2024 21:00	11.81	50.81	0	SSE
4/12/2024 22:00	13.81	50.69	0	SSE
4/12/2024 23:00	14.73	50.48	0	SSE
4/13/2024 0:00	14.79	50.34	0	SSE
4/13/2024 1:00	12.61	50.06	0	SSE
4/13/2024 2:00	14.33	49.99	0	SSE
4/13/2024 3:00	16.44	49.96	0	SSE
4/13/2024 4:00	12.05	49.73	0	SSE
4/13/2024 5:00	12.27	49.75	0	SSE
4/13/2024 6:00	13.04	49.63	0	SSE
4/13/2024 7:00	12.28	49.78	0	SSE
4/13/2024 8:00	15.43	50.44	0	SE
4/13/2024 9:00	16.87	51.66	0	SE
4/13/2024 10:00	16.93	52.83	0	SE
4/13/2024 11:00	17.91	53.02	0	SE
4/13/2024 12:00	18.08	52.99	0	SSE
4/13/2024 13:00	17.88	52.55	0	SSE
4/13/2024 14:00	19.2	50.93	0	SSE
4/13/2024 15:00	18.36	48.72	0.05	SSE
4/13/2024 16:00	16.12	49.09	0.1	SSE
4/13/2024 17:00	19.27	45.55	0.34	SW
4/13/2024 18:00	15.31	44.88	0.04	W
4/13/2024 19:00	8.91	43.85	0.02	N
4/13/2024 20:00	9.22	43.08	0	WNW
4/13/2024 21:00	4.098	42.38	0	WNW
4/13/2024 22:00	3.845	42.63	0	S
4/13/2024 23:00	4.225	41.92	0	SSE
4/14/2024 0:00	4.826	41.74	0	S
4/14/2024 1:00	4.825	41.6	0	S
4/14/2024 2:00	4.315	41.63	0	SE
4/14/2024 3:00	5.208	42.38	0	SE
4/14/2024 4:00	5.476	42.51	0	S
4/14/2024 5:00	4.005	41.28	0.03	SSE
4/14/2024 6:00	4.318	41.57	0.11	SSE
4/14/2024 7:00	5.687	41.81	0.08	SSE
4/14/2024 8:00	7.511	42.21	0.01	SSE
4/14/2024 9:00	6.634	43.16	0.06	SSE
4/14/2024 10:00	10.89	43.98	0.01	SSE
4/14/2024 11:00	11.67	45.1	0.02	SE
4/14/2024 12:00	11.45	46.26	0.05	SE
4/14/2024 13:00	11.22	47.23	0.1	SSE
4/14/2024 14:00	8.97	47.68	0.09	SSE
4/14/2024 15:00	9.05	47.68	0.16	SE

4/14/2024 16:00	5.073	48.82	0.15	SSW
4/14/2024 17:00	5.798	50.45	0	SSW
4/14/2024 18:00	5.966	49.78	0	SSW
4/14/2024 19:00	2.521	49.01	0	SW
4/14/2024 20:00	4.056	47.79	0	W
4/14/2024 21:00	2.495	46.62	0	E
4/14/2024 22:00	3.996	46.59	0	WNW
4/14/2024 23:00	6.184	45.94	0	NW
4/15/2024 0:00	6.36	45.7	0	NW
4/15/2024 1:00	11	46.03	0	NNW
4/15/2024 2:00	11.84	46.21	0	NW
4/15/2024 3:00	11.35	45.65	0	NW
4/15/2024 4:00	12.18	46.19	0	NW
4/15/2024 5:00	8.87	47.16	0	NW
4/15/2024 6:00	5.675	46.3	0	WNW
4/15/2024 7:00	3.178	45.65	0	ENE
4/15/2024 8:00	6.752	49.44	0	N
4/15/2024 9:00	11.02	51.71	0	NNW
4/15/2024 10:00	9.36	55.12	0	NW
4/15/2024 11:00	7.658	58.14	0	NW
4/15/2024 12:00	6.044	60.67	0	NW
4/15/2024 13:00	6.171	62.05	0	SE
4/15/2024 14:00	6.333	63.7	0	SSE
4/15/2024 15:00	6.167	64.33	0	SSE
4/15/2024 16:00	6.514	64.12	0	S
4/15/2024 17:00	8.6	64.87	0	NW
4/15/2024 18:00	11.9	62.76	0	NNW
4/15/2024 19:00	9.93	59.23	0	NNW
4/15/2024 20:00	6.562	56.96	0	NNW
4/15/2024 21:00	9.13	55.01	0	NW
4/15/2024 22:00	12.41	54.29	0	NW
4/15/2024 23:00	13.65	53.64	0	NW
4/16/2024 0:00	9.36	53.15	0	NW
4/16/2024 1:00	12.53	53.3	0	NW
4/16/2024 2:00	13.24	54.08	0	NW
4/16/2024 3:00	14.66	53.35	0	NW
4/16/2024 4:00	14.55	51.71	0	NW
4/16/2024 5:00	13.44	51.21	0	NW
4/16/2024 6:00	12.96	51.92	0	NW
4/16/2024 7:00	12.91	53.91	0	NNW
4/16/2024 8:00	14.23	56.5	0	NNW
4/16/2024 9:00	10.31	61.51	0	NNW
4/16/2024 10:00	12.38	65.47	0	NW
4/16/2024 11:00	7.765	70.66	0	NNW
4/16/2024 12:00	6.28	74.9	0	N
4/16/2024 13:00	5.601	77.63	0	S
4/16/2024 14:00	5.998	77.92	0	SSE

4/16/2024 15:00	6.983	77.97	0	SSW
4/16/2024 16:00	7.15	77.15	0	SW
4/16/2024 17:00	5.411	75.82	0	SSW
4/16/2024 18:00	2.419	74.03	0	S
4/16/2024 19:00	3.737	69.15	0	WNW
4/16/2024 20:00	4.392	65.87	0	NW
4/16/2024 21:00	6.199	64.56	0	NW
4/16/2024 22:00	7.476	63.2	0	NW
4/16/2024 23:00	7.927	62.06	0	WNW
4/17/2024 0:00	8.78	63.74	0	WNW
4/17/2024 1:00	6.154	61.98	0	NW
4/17/2024 2:00	2.43	58.66	0	NE
4/17/2024 3:00	1.756	57.61	0	NE
4/17/2024 4:00	2.388	58.26	0	SW
4/17/2024 5:00	2.39	58.27	0	W
4/17/2024 6:00	6.635	58.12	0	NW
4/17/2024 7:00	4.475	61.42	0	NNW
4/17/2024 8:00	3.345	64.29	0	ENE
4/17/2024 9:00	4.45	67.29	0	SSE
4/17/2024 10:00	6.188	69.27	0	SE
4/17/2024 11:00	6.513	71	0	SE
4/17/2024 12:00	6.642	73.87	0	SE
4/17/2024 13:00	6.671	75.7	0	SSE
4/17/2024 14:00	6.975	76.7	0	SSE
4/17/2024 15:00	9.62	75.7	0	SE
4/17/2024 16:00	9.93	73.58	0	SE
4/17/2024 17:00	10.6	71.24	0	SE
4/17/2024 18:00	9.59	68.34	0	SSE
4/17/2024 19:00	8.55	64.89	0	SSE
4/17/2024 20:00	6.065	63.06	0	SSE
4/17/2024 21:00	3.467	63.17	0	SSE
4/17/2024 22:00	1.491	62.46	0	S
4/17/2024 23:00	3.115	61.42	0	NW
4/18/2024 0:00	3.119	60.99	0	NW
4/18/2024 1:00	2.885	59.74	0	SW
4/18/2024 2:00	4.909	57.72	0	S
4/18/2024 3:00	2.025	57.36	0	S
4/18/2024 4:00	4.099	58.41	0	S
4/18/2024 5:00	2.459	57.52	0	S
4/18/2024 6:00	1.581	56.89	0	W
4/18/2024 7:00	1.716	57.21	0	NNW
4/18/2024 8:00	7.839	58.21	0	NW
4/18/2024 9:00	7.815	60.53	0	NNW
4/18/2024 10:00	3.513	63.23	0	NE
4/18/2024 11:00	5.625	67.93	0	SE
4/18/2024 12:00	7.066	69.56	0	SSE
4/18/2024 13:00	7.939	70.52	0	SSE

4/18/2024 14:00	8.42	70.97	0	SE
4/18/2024 15:00	8.89	71.59	0	SE
4/18/2024 16:00	7.872	71.39	0	SSE
4/18/2024 17:00	9.93	68.29	0	SE
4/18/2024 18:00	8.34	64.1	0	SSE
4/18/2024 19:00	7.289	61.31	0	SSE
4/18/2024 20:00	6.586	58.29	0	S
4/18/2024 21:00	6.011	56.34	0	S
4/18/2024 22:00	5.32	55.18	0	S
4/18/2024 23:00	4.638	54.41	0	S
4/19/2024 0:00	4.083	53.61	0	S
4/19/2024 1:00	5.08	51.73	0	S
4/19/2024 2:00	2.833	51.03	0	S
4/19/2024 3:00	1.579	50.18	0	WNW
4/19/2024 4:00	1.816	50.06	0	SE
4/19/2024 5:00	1.641	50.46	0	S
4/19/2024 6:00	3.439	50.62	0	S
4/19/2024 7:00	3.999	51.31	0	SSE
4/19/2024 8:00	3.057	52.02	0	S
4/19/2024 9:00	5.282	52.61	0	SSE
4/19/2024 10:00	6.72	54.32	0	SSE
4/19/2024 11:00	7.255	58.07	0	SE
4/19/2024 12:00	7.034	60.08	0	SSE
4/19/2024 13:00	7.693	62.98	0	SSE
4/19/2024 14:00	7.99	64.28	0	SE
4/19/2024 15:00	7.473	65.73	0	SSE
4/19/2024 16:00	8.81	65.94	0	SE
4/19/2024 17:00	10.18	64.08	0	SE
4/19/2024 18:00	10.32	60.48	0	SSE
4/19/2024 19:00	8.67	56.5	0	SSE
4/19/2024 20:00	6.964	54.12	0	SSE
4/19/2024 21:00	6.578	52.91	0	SSE
4/19/2024 22:00	4.003	51.92	0	SSW
4/19/2024 23:00	1.246	51.37	0	NW
4/20/2024 0:00	1.717	51.28	0	SSW
4/20/2024 1:00	4.282	50.42	0	S
4/20/2024 2:00	1.716	50.31	0	SSW
4/20/2024 3:00	1.57	50.47	0	SE
4/20/2024 4:00	2.496	50.28	0	S
4/20/2024 5:00	3.838	49.87	0	S
4/20/2024 6:00	1.875	50.06	0	SE
4/20/2024 7:00	9.73	50.33	0	NNW
4/20/2024 8:00	5.469	50.97	0	NW
4/20/2024 9:00	6.045	52.37	0	SE
4/20/2024 10:00	3.658	54.79	0	SE
4/20/2024 11:00	6.253	60.73	0	SE
4/20/2024 12:00	6.826	62.54	0	SE

4/20/2024 13:00	8.57	64.36	0	SE
4/20/2024 14:00	9.25	65.99	0	SE
4/20/2024 15:00	7.167	68.44	0	SSE
4/20/2024 16:00	5.619	70.32	0	SSE
4/20/2024 17:00	5.993	70.39	0	SSE
4/20/2024 18:00	6.597	67.91	0	SSE
4/20/2024 19:00	5.66	63.24	0	S
4/20/2024 20:00	3.698	59.73	0	S
4/20/2024 21:00	2.154	57.45	0	SSE
4/20/2024 22:00	2.59	57.17	0	S
4/20/2024 23:00	5.005	57.3	0	S
4/21/2024 0:00	2.899	58.93	0	S
4/21/2024 1:00	1.693	59.29	0	S
4/21/2024 2:00	3.237	56.99	0	NNE
4/21/2024 3:00	4.807	57.35	0	NNE
4/21/2024 4:00	9.64	59.54	0	NNW
4/21/2024 5:00	9.73	60.7	0	NNW
4/21/2024 6:00	6.051	56.86	0	N
4/21/2024 7:00	12.55	66.72	0	NNW
4/21/2024 8:00	16.6	69.63	0	NW
4/21/2024 9:00	7.822	70.68	0	NNE
4/21/2024 10:00	4.776	68.64	0	ESE
4/21/2024 11:00	5.114	73.16	0	ESE
4/21/2024 12:00	7.032	76.47	0	SE
4/21/2024 13:00	7.248	79.13	0	SE
4/21/2024 14:00	7.747	80.9	0	SSE
4/21/2024 15:00	8.09	80.8	0	SE
4/21/2024 16:00	7.638	80.6	0	SSE
4/21/2024 17:00	7.367	76.93	0	SE
4/21/2024 18:00	7.151	72.9	0	SSE
4/21/2024 19:00	9.06	67.66	0	SSE
4/21/2024 20:00	6.57	60.9	0	SSE
4/21/2024 21:00	5.425	56.58	0	SSE
4/21/2024 22:00	3.98	54.92	0	S
4/21/2024 23:00	2.251	53.37	0	S
4/22/2024 0:00	0.859	52.93	0	S
4/22/2024 1:00	1.156	54.26	0	SSW
4/22/2024 2:00	0.827	56.17	0	SE
4/22/2024 3:00	1.925	54.79	0	NW
4/22/2024 4:00	2.853	57.14	0	NNW
4/22/2024 5:00	0.963	52.79	0	NE
4/22/2024 6:00	1.331	51.6	0	ESE
4/22/2024 7:00	2.083	52.87	0	ESE
4/22/2024 8:00	2.507	54.27	0	ESE
4/22/2024 9:00	5.807	55.64	0	SE
4/22/2024 10:00	8.72	61.21	0	SE
4/22/2024 11:00	10.22	63.27	0	SE

4/22/2024 12:00	8.34	65.04	0	SSE
4/22/2024 13:00	8.43	66.95	0	SSE
4/22/2024 14:00	8.83	68.74	0	SSE
4/22/2024 15:00	8.62	69.47	0	SE
4/22/2024 16:00	9.26	68.04	0	SE
4/22/2024 17:00	9.68	64.47	0	SE
4/22/2024 18:00	9.92	59.66	0	SSE
4/22/2024 19:00	8.83	56.03	0	SSE
4/22/2024 20:00	7.266	54.68	0	SSE
4/22/2024 21:00	6.741	53.77	0	SSE
4/22/2024 22:00	6.78	53.46	0	SSE
4/22/2024 23:00	6.591	53.02	0	SSE
4/23/2024 0:00	7.716	52.47	0	SSE
4/23/2024 1:00	5.819	52.14	0	SSE
4/23/2024 2:00	6.035	51.79	0.01	S
4/23/2024 3:00	7.309	51.62	0	SSW
4/23/2024 4:00	5.754	51.7	0	S
4/23/2024 5:00	5.994	51.57	0	SSE
4/23/2024 6:00	6.092	51.44	0	SSE
4/23/2024 7:00	6.531	51.83	0	SSE
4/23/2024 8:00	7.086	53.28	0	SSE
4/23/2024 9:00	7.747	55.02	0	SSE
4/23/2024 10:00	8.32	55.53	0	SE
4/23/2024 11:00	9.05	55.86	0	SSE
4/23/2024 12:00	7.341	57.46	0	SSE
4/23/2024 13:00	7.767	58.19	0	SE
4/23/2024 14:00	7.484	59.86	0	SSE
4/23/2024 15:00	5.424	61.65	0	S
4/23/2024 16:00	7.497	61.54	0	SE
4/23/2024 17:00	7.91	60.84	0	SSE
4/23/2024 18:00	9.68	58.9	0	SSE
4/23/2024 19:00	6.748	56.55	0	SSE
4/23/2024 20:00	4.277	54.3	0	SSW
4/23/2024 21:00	2.027	52.85	0	ENE
4/23/2024 22:00	1.406	51.68	0	NNW
4/23/2024 23:00	1.359	49.85	0	NNE
4/24/2024 0:00	4.686	50.08	0	NW
4/24/2024 1:00	3.463	50.52	0	NW
4/24/2024 2:00	1.124	50.36	0	E
4/24/2024 3:00	3.083	49.97	0	S
4/24/2024 4:00	4.792	49.96	0	S
4/24/2024 5:00	3.653	49.68	0	S
4/24/2024 6:00	2.584	49.85	0	S
4/24/2024 7:00	3.353	51.18	0	S
4/24/2024 8:00	5.725	52.4	0	SE
4/24/2024 9:00	5.106	54.87	0	SSE
4/24/2024 10:00	5.525	57.92	0	SE

4/24/2024 11:00	5.637	59.21	0	SSE
4/24/2024 12:00	7.078	60.52	0	SE
4/24/2024 13:00	7.747	61.04	0	SSE
4/24/2024 14:00	8.23	60.52	0	SE
4/24/2024 15:00	9.67	60.08	0	SE
4/24/2024 16:00	9.77	60.55	0	SE
4/24/2024 17:00	9.05	60.24	0	SSE
4/24/2024 18:00	6.074	58.33	0	SSW
4/24/2024 19:00	7.539	54.28	0	WSW
4/24/2024 20:00	3.957	53.43	0	SSE
4/24/2024 21:00	5.459	52.35	0	SE
4/24/2024 22:00	6.61	51.52	0	S
4/24/2024 23:00	7.115	50.85	0	S
4/25/2024 0:00	5.581	51.2	0	S
4/25/2024 1:00	4.462	50.93	0	SSE
4/25/2024 2:00	4.322	50.44	0	S
4/25/2024 3:00	2.928	50.34	0	SE
4/25/2024 4:00	4.23	49.92	0	SE
4/25/2024 5:00	4.971	49.72	0	SSE
4/25/2024 6:00	7.675	49.44	0	SSE
4/25/2024 7:00	7.521	49.15	0	SSE
4/25/2024 8:00	5.548	49.53	0	SSE
4/25/2024 9:00	9.01	51.56	0	SE
4/25/2024 10:00	8.8	53.02	0	SE
4/25/2024 11:00	10.24	55.22	0	SE
4/25/2024 12:00	10.15	56.95	0	SE
4/25/2024 13:00	8.95	57.07	0	SSE
4/25/2024 14:00	8.26	57.75	0	SSE
4/25/2024 15:00	7.745	57.41	0	SSE
4/25/2024 16:00	7.972	56.08	0	S
4/25/2024 17:00	9.51	54.16	0	SSW
4/25/2024 18:00	7.294	53.38	0	SSW
4/25/2024 19:00	7.451	52.79	0	S
4/25/2024 20:00	6.422	52.2	0	S
4/25/2024 21:00	5.83	51.72	0	S
4/25/2024 22:00	5.321	51.32	0	SSE
4/25/2024 23:00	5.656	50.8	0	S
4/26/2024 0:00	4.851	50.86	0	S
4/26/2024 1:00	4.871	50.46	0	S
4/26/2024 2:00	5.378	49.97	0	S
4/26/2024 3:00	4.086	49.57	0	SSE
4/26/2024 4:00	4.037	49.32	0	S
4/26/2024 5:00	2.483	49.27	0	SW
4/26/2024 6:00	2.2	49.14	0	SSE
4/26/2024 7:00	2.055	51.86	0	ENE
4/26/2024 8:00	9.35	54.51	0	NNW
4/26/2024 9:00	8.38	57.26	0	NW

4/26/2024 10:00	11.05	58.1	0	NNW
4/26/2024 11:00	10.11	62.08	0	NW
4/26/2024 12:00	6.16	62.6	0	WSW
4/26/2024 13:00	13.13	62.05	0	NNW
4/26/2024 14:00	14.02	62.71	0	NNW
4/26/2024 15:00	9.72	63.79	0	NNW
4/26/2024 16:00	6.867	65.47	0	WSW
4/26/2024 17:00	9.07	64.33	0	WSW
4/26/2024 18:00	7.559	63.57	0	W
4/26/2024 19:00	9.75	60.48	0	NW
4/26/2024 20:00	5.931	58.33	0	NW
4/26/2024 21:00	3.798	55.96	0	SSE
4/26/2024 22:00	7.543	55.06	0	WSW
4/26/2024 23:00	22.26	57.52	0	NNW
4/27/2024 0:00	25.65	56.59	0	NNW
4/27/2024 1:00	22.42	55.6	0	NNW
4/27/2024 2:00	20.06	54	0	NNW
4/27/2024 3:00	30.11	53.37	0	NW
4/27/2024 4:00	33.51	52.6	0	NW
4/27/2024 5:00	31	51.78	0	NW
4/27/2024 6:00	22.35	51.64	0	NW
4/27/2024 7:00	20.88	52.84	0	NW
4/27/2024 8:00	17.13	55.15	0	NW
4/27/2024 9:00	14.64	58.97	0	NW
4/27/2024 10:00	13.7	62.27	0	NW
4/27/2024 11:00	10.64	65.13	0	NW
4/27/2024 12:00	8.46	68.24	0	WNW
4/27/2024 13:00	8.11	69.5	0	SW
4/27/2024 14:00	9.57	68.43	0	SE
4/27/2024 15:00	8.82	68.82	0	SSE
4/27/2024 16:00	6.648	69.04	0	S
4/27/2024 17:00	7.17	67.38	0	S
4/27/2024 18:00	4.84	66.24	0	S
4/27/2024 19:00	3.975	62.43	0	SE
4/27/2024 20:00	13.82	61.89	0	NW
4/27/2024 21:00	22.19	61.17	0	NW
4/27/2024 22:00	23.09	61.09	0	NW
4/27/2024 23:00	21.43	60.91	0	NW
4/28/2024 0:00	19.02	60.45	0	NW
4/28/2024 1:00	6.283	57.18	0	NW
4/28/2024 2:00	5.307	54.23	0	SSW
4/28/2024 3:00	3.924	55.06	0	WNW
4/28/2024 4:00	7.262	54.71	0	NNW
4/28/2024 5:00	4.114	54.33	0	NNW
4/28/2024 6:00	3.858	54.36	0	NNW
4/28/2024 7:00	3.241	55.96	0	ESE
4/28/2024 8:00	4.143	57.92	0	E

4/28/2024 9:00	4.22	62.11	0	E
4/28/2024 10:00	6.066	64.75	0	SSE
4/28/2024 11:00	7.014	68.03	0	SE
4/28/2024 12:00	7.021	69.97	0	SE
4/28/2024 13:00	7.863	71.92	0	SE
4/28/2024 14:00	7.449	72.53	0	SSE
4/28/2024 15:00	7.409	72.12	0	SE
4/28/2024 16:00	8.13	71.37	0	SE
4/28/2024 17:00	7.52	69.76	0	SE
4/28/2024 18:00	6.252	67.66	0	SSE
4/28/2024 19:00	2.542	65.22	0	SSE
4/28/2024 20:00	13.02	65.32	0	NNW
4/28/2024 21:00	23.34	64.66	0	NW
4/28/2024 22:00	26.21	64.35	0	NW
4/28/2024 23:00	23.94	64.04	0	NW
4/29/2024 0:00	25.1	63.51	0	NW
4/29/2024 1:00	24.52	62.84	0	NW
4/29/2024 2:00	23.67	62.3	0	NW
4/29/2024 3:00	20.5	61.86	0	NW
4/29/2024 4:00	16.43	60.66	0	NW
4/29/2024 5:00	19.4	59.15	0	NW
4/29/2024 6:00	19.09	58.34	0	NW
4/29/2024 7:00	18.59	59.44	0	NW
4/29/2024 8:00	15.44	61.62	0	NW
4/29/2024 9:00	13.71	64.34	0	NNW
4/29/2024 10:00	10.22	67.92	0	NNW
4/29/2024 11:00	7.26	71.7	0	NNW
4/29/2024 12:00	6.289	74.61	0	NNE
4/29/2024 13:00	8.1	75.67	0	SE
4/29/2024 14:00	7.902	75.99	0	SE
4/29/2024 15:00	7.352	75.67	0	SSE
4/29/2024 16:00	6.8	74.24	0	S
4/29/2024 17:00	10.3	73.75	0	NNW
4/29/2024 18:00	17.26	70.38	0	NNW
4/29/2024 19:00	19.25	67.6	0	NW
4/29/2024 20:00	20.51	66.01	0	NW
4/29/2024 21:00	20.46	64.63	0	NW
4/29/2024 22:00	26.89	64.67	0	NW
4/29/2024 23:00	29.74	64.36	0	NW
4/30/2024 0:00	25.1	63.44	0	NW
4/30/2024 1:00	23.83	62.72	0	NW
4/30/2024 2:00	24.16	62.21	0	NW
4/30/2024 3:00	20.85	61.13	0	NW
4/30/2024 4:00	20.73	60.07	0	NW
4/30/2024 5:00	19.53	58.83	0	NW
4/30/2024 6:00	19.39	58.82	0	NW
4/30/2024 7:00	20.25	61	0	NW

4/30/2024 8:00	15.31	63.36	0	NW
4/30/2024 9:00	8.14	66.44	0	NNW
4/30/2024 10:00	7.101	66.86	0	SE
4/30/2024 11:00	7.16	68.98	0	ESE
4/30/2024 12:00	7.386	71.57	0	SE
4/30/2024 13:00	7.962	74.02	0	SE
4/30/2024 14:00	8.99	74.23	0	SE
4/30/2024 15:00	7.584	74.28	0	SE
4/30/2024 16:00	7.688	73.79	0	SE
4/30/2024 17:00	7.865	71.78	0	SE
4/30/2024 18:00	7.921	68.22	0	SE
4/30/2024 19:00	7.02	64.92	0	SSE
4/30/2024 20:00	5.064	61.9	0	SSE
4/30/2024 21:00	2.568	58.98	0	S
4/30/2024 22:00	3.967	56.74	0	SSE
4/30/2024 23:00	2.654	55.4	0	S

APPENDIX B

March 2024

FACILITY INSPECTION REPORT

Disposal Facility (Site) Inspection Report (52)
Sunshine Canyon City/County Landfill (19-AA-2000)
3/29/2024

Inspection Information

Inspected By: Sunshine Canyon Landfill **Local Inspection ID:**
Inspection Date: 3/29/2024 **Time In:**
Inspection Type: Periodic **Time Out:**
Inspector: George Kasikarin **Inspection Duration:**
Operator: Browning-Ferris Ind. Of Calif., 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 20820- Drainage and Erosion Control

(a) The drainage system shall be designed and maintained to:

- (1) ensure integrity of roads, structures, and gas monitoring and control systems;
- (2) prevent safety hazards; and
- (3) prevent exposure of waste.

Rainstorms continue to affect the region throughout the month of March depositing around 6.28 inches of total rain onto the landfill for the month.

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The landfill experienced some problems with the drainage system due to the deluge of storm water, which resulted in erosions in the side of the slope and some waste being exposed primarily on the slope of CC4-Part 4B/C near the 'Switchback' section of the main haul road. Tracked-in trash were also noted across the Wet Weather Deck area, CC4-Part 2, of the landfill. After the downpour, the heavy equipment operators made some repairs to the cover, but had difficulties accessing the saturated areas of the slope to complete the repair. Throughout the month, the operator was able to work on the eroded areas when the ground was more stable for the heavy equipment to enter. However, the operator was not able to fully cover the exposed trash in this area by the end of the month. No waste from the landfill appeared to have left the site during this observation period.

The operator is to take immediate action to cover the exposed trash and repair the erosion on the slopes. As indicated in the wet weather plan, the site management is to assess the landfill and document any areas of the landfill that were damaged in the storm and provide the SCL-LEA with a report detailing the repairs necessary and anticipated completion dates.

27 CCR 20700- Intermediate Cover

(a) Compacted earthen material of at least twelve (12) inches shall be placed on all surfaces of the fill where no additional solid waste will be deposited within 180 days to control vectors, fires, odors, blowing litter, and scavenging.

Following up from the February inspection, a few small areas of exposed trash remain along the graded slope of the new haul road that was constructed through the old City South section of the landfill. It appears that as the contractor was building the new diverted haul road, they hit a vein of old trash as they were grading through a section of the slope for the new road.

The operator removed and backfilled some exposed areas of the slope with dirt cover since the notice of violation last month. However, a few small areas of exposed trash still remain along the graded slope. The visible exposed trash are mainly old plastic pipes, films and metal rebars. The operator must immediately assess the damaged section of the intermediate cover, then properly repair, cover and compact the area with at least 12" of soil prior to the finalization and the opening of the new haul road.

Areas of Concern

27 CCR 20921- Gas Monitoring and Control

(a) To provide for the protection of public health and safety and the environment, the operator shall ensure that landfill gas generated at a disposal site is controlled in such a manner as to satisfy the following requirements:

- (1) The concentration of methane gas must not exceed 1.25 percent by volume in air within any portion of any on-site structures.
- (2) The concentration of methane gas migrating from the disposal site must not exceed 5 percent by volume in air at the disposal site permitted facility boundary or an

Disposal Facility (Site) Inspection Report (52)
Sunshine Canyon City/County Landfill (19-AA-2000)
3/29/2024

alternative boundary approved in accordance with Section 20925.

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-D @ 3.0% and 245-B @ 2.7%. Compliance Wells #205R and #245 should be further monitored to determine if the methane gas increases came from landfill gas migration, or from natural decomposition in the native soil.

27 CCR 20810- Vector and Bird Control

The operator shall take adequate steps to control or prevent the propagation, harborage or attraction of flies, rodents, or other vectors and to minimize bird problems.

During this observation period, there were a few times that seagulls have landed on and picked through trash on the working face with delayed responses from the operator. The falconer was seen on site during this observation period. Upon inquiry, some of the trained personnel either ran out, or did not have on one's person the pyrotechnic scare cartridges to use with their pyrotechnic launcher gun to scare the birds away.

The operators need to have the necessary bird control equipment with them to deter the seagulls and other vectors from picking through and carrying away the trash from the working face. Better coordination with the falconer is needed when the falconer is on site and is the primary bird control implementer.

27 CCR 20650- Grading of Fill Surfaces

Covered surfaces of the disposal area shall be graded to promote lateral runoff of precipitation and to prevent ponding. Grades shall be established of sufficient slopes to account for future settlement of the fill surface.

Towards the end of this observation period, small ponds remain in the City South area. These ponds were observed in the deep ruts of the roads across the City South deck. The larger ponds in this area were already pumped out.

The covered surfaces of the disposal area must be graded to promote lateral runoff of precipitation and of sufficient slopes to prevent water accumulation and/or infiltration into any filled areas.

Inspection Report Comments

This report is a compilation of the SCL-LEA staff observations for the month of 2024 March. Violations were noted for Drainage & Erosion Control and Intermediate Cover.

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Rainy weather conditions were noted during the first and last week of the month. The landfill received approximately 6.28 inches of accumulated rainfall for March, according to the operator's rain gauge located on the landfill.

The spotters were directing traffic during this observation period.

The water trucks and sweepers were in use for dust control on the days that did not rain.

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.

There were adequate lighting during the hours of darkness during this observation period.

The load checks were conducted during this observation period.

The construction of the new diverted haul road near the front of the landfill continued during the drier days of 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

April 2024

WEEKLY GRID INSPECTION LOGS

