



MARK PESTRELLA, Director

COUNTY OF LOS ANGELES

DEPARTMENT OF PUBLIC WORKS

"To Enrich Lives Through Effective and Caring Service"

900 SOUTH FREMONT AVENUE
ALHAMBRA, CALIFORNIA 91803-1331
Telephone: (626) 458-5100
<http://dpw.lacounty.gov>

ADDRESS ALL CORRESPONDENCE TO:
P.O. BOX 1460
ALHAMBRA, CALIFORNIA 91802-1460

April 19, 2023

IN REPLY PLEASE

REFER TO FILE: **EP-5**

Ms. Kate Downey
Environmental Manager
Republic Services, Inc.
Sunshine Canyon Landfill
14747 San Fernando Road
Sylmar, CA 91342-1021

**SUNSHINE CANYON CITY/COUNTY LANDFILL
CONDITIONAL USE PERMIT NO. 00-194-(5)
MONTHLY ACTIVITY REPORTS AND ADDITIONAL CORRECTIVE MEASURES**

Dear Ms. Downey:

Public Works received the enclosed February 15, 2023, March 15, 2023, and April 14, 2023, Monthly Activity Reports from Republic Services (Republic). These reports also included the Disposal Facility Inspection Reports prepared by the Sunshine Canyon Landfill-Local Enforcement Agency (SCL-LEA).

In reviewing of the Disposal Facility Inspection Reports, it appeared that the rain event in January and February have significantly impacted the Sunshine Canyon Landfill (Landfill)'s ability to control litter and erosion which resulted in the release of trash offsite and caused a significant increase in odor complaints that resulted in numerous Notices of Violation issued by the South Coast Air Quality Management District for the months of January, February, and March 2023.

With the goal of protecting the surrounding community and to ensure the Landfill will be adequately prepared for future similar events, pursuant to Condition No. 45.N of the Landfill's Conditional Use Permit (CUP), Republic Services is required to do the following:

1. Within 15 days from the date of this letter, provide a detailed report providing current status and milestones identifying how the landfill is addressing drainage and erosion issues as detailed in the Disposal Facility Inspection Report. The Report shall, at the minimum, include corrective actions (temporary and/or permanent), repair schedule, completion date, location map of landfill areas identifying any drainage, erosion, and trash exposure problems that resulted from the last rain events, photos, and any status update on the corrective action as required by any other regulatory agency, for:
 - Erosion rills throughout the Landfill (including those identified on cell CC3 and cell CC4).
 - Discharge of trash, water, and mud leaving the Landfill property boundary onto San Fernando Road.
 - The compromised riser and reduced capacity of the terminal basin both necessary to restore full operation of the terminal basin.
 - Litter carried off site.
 - Please note any future violations issued by the SCL-LEA and all measures undertaken to address or correct these violations shall be included in the Monthly Activity Report submitted to Public Works.

Subsequently, Republic Services is required to provide a monthly status Reports that is due by the 30th of the subsequent month.

2. Provide an updated litter control and recovery program, in accordance with Condition 48 of the CUP, within 30 days from the date of this letter. The updated litter control program shall include additional mitigation measures to prevent trash and litter from emanating from the landfill onto the community and public infrastructure due to rainstorm event. The updated program should also explain the protocols for events in which trash and litter escape from the Landfill's property boundary and/or enter local water body. Include reporting to appropriate agencies that have jurisdiction over this matter (i.e. Public Works, SCL-LEA, Water Board, etc.).
3. Provide a copy of the wet weather preparedness report and winter operations plan for the year 2023 for Public Works review, to ensure that the Landfill is adequately prepared for upcoming wet weather seasons and to prevent similar occurrence. This report/plan is due to Public Works on October 1, 2023.

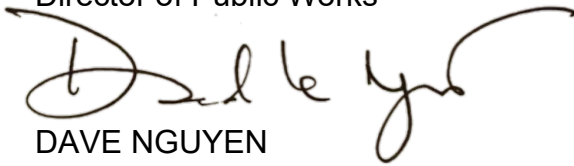
Public Works reserves the authority and discretion to modify or apply any additional corrective measures, as deemed necessary, in accordance with the provisions of the CUP.

Ms. Kate Downey
April 19, 2023
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If you have any questions, please contact me or Ms. Anna Gov at (626) 458-3553 or agov@pw.lacounty.gov, Monday through Thursday, 7 a.m. to 5:30 p.m.

Very truly yours,

MARK PESTRELLA, PE
Director of Public Works

A handwritten signature in dark ink, appearing to read "Dave Nguyen", with a large, sweeping flourish at the end.

DAVE NGUYEN
Senior Civil Engineer
Environmental Programs Division

DN:kp
P:\SEC\KPIEP-5\SCL MONTHLY ACTIVITY REPORT LETTER

Enc.

cc: Department of Regional Planning (Edgar De La Torre, Alex Garcia, Maria Masis)
City of Los Angeles Department of City Planning (Tiffany Butler, Nicholas Hendricks,
Lisa Webber, Tim Fargo, Claudia Rodriguez)
Sunshine Canyon Landfill Community Advisory Committee (Wayde Hunter)
Sunshine Canyon Landfill Technical Advisory Committee (Jon Sanabria,
Lisa Webber)
Sunshine Canyon Landfill Local Enforcement Agency (Dorcas Hanson-Lugo,
Shikari Nakagawa-Ota, David Thompson, Karen Gork)
Each Member of the Los Angeles County Solid Waste Management Committee
Integrated Waste Management Task Force

Enclosure 1

February 15, 2023

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 – January 2023

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 January 2023 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.
- SCL has submitted an application for a variance to the SCAQMD for operating Flare 9 after the last source test exceeded limits. However, a new source test was performed on 1/6/2023 and passed all parameters limits. The final source test report will be submitted to the Air District within 60 days of the test, and the application for a variance will be rescinded. All other flares operated in accordance with the site's Title V permit.

- 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 January 2023.

Please do not hesitate to contact me if you have any questions,

Sincerely,

Jacob Friedman

Jacob Friedman
Environmental Specialist
Sunshine Canyon Landfill

Appendix A – January 2023 Hourly Weather Data

Appendix B – January 2023 Facility Inspection Report

Appendix C – January 2023 Weekly Grid Inspections



SUNSHINE CANYON LANDFILL MONTHLY ACTIVITY REPORT

January 2023

Location/System	Activity	Date		Actions Taken or Comments
		Start	End	
Environmental Control Systems				
New or replaced vacuum laterals	Installation of new vacuum laterals	1/1/2023	1/31/2023	Continued improvement of the sites GCCS infrastructure.
Drainage facilities	Routine maintenance	1/1/2023	1/31/2023	
Groundwater control monitoring systems	Groundwater samples were collected and Q4 data was reviewed	1/1/2023	1/31/2023	
Surface water control systems	Routine site maintenance	1/1/2023	1/31/2023	Post rain maintenance and track walking and Sediment Basin Cleanout
Leachate control system	Installation or repair of pumps in vertical gas wells	1/1/2023	1/31/2023	
Sewer system	No breakdowns or shutdowns	1/1/2023	1/31/2023	
Breakdowns, Malfunctions, Temporary Shutdowns of Any Permanent or Temporary Environmental Control System				
Special Occurrence - Reported in Monthly LEA Report	Late Close	1/3/2023	1/3/2023	On Tuesday (1/3/23) site personnel notified the LEA that the team was working past the 9:00 pm closing time due to delays during closing activities and inclement weather. All trash was covered by 11:55 PM and all equipment was parked by 12:05 AM.
Special Occurrence - Reported in Monthly LEA Report	Late Close	1/4/2023	1/4/2023	On Wednesday (1/4/23) site personnel notified the LEA that the team was working past the 9:00 pm closing time due to delays during closing activities and inclement weather. All trash was covered by 9:20 PM and all equipment was parked by 9:25 PM.
Special Occurrence - Reported in Monthly LEA Report	Soil Cover Issue	1/7/2023	1/7/2023	The operations team has expressed some concerns regarding safely accessing the onsite soil and completing a full soil cover over the working face as it is highly saturated material. As such, the supervisory team has determined it is not safely feasible to cover the entire working face with a full soil cover before 9 pm this evening. A large portion of the face has already been covered with soil where possible, and the remaining portion will be covered with Envirocover by 9 pm. That is, no trash will be left exposed.
Special Occurrence - Reported in Monthly LEA Report	NOV Issued	1/8/2023	1/8/2023	On Saturday (1/7/23) Sunshine Canyon Landfill received a Notice of Violation for alleged odor complaints.
Special Occurrence - Reported in Monthly LEA Report	NOV Issued	1/12/2023	1/12/2023	On Tuesday (1/12/23) Sunshine Canyon Landfill received a Notice of Violation for alleged odor complaints.
Special Occurrence - Reported in Monthly LEA Report	Narcotics Load	1/12/2023	1/12/2023	Wednesday (1/12/23) at 10:08 AM Sunshine Canyon received a special load from the Police (marijuana contained in recycled cardboard boxes) weighing 13.04 tons.
Special Occurrence - Reported in Monthly LEA Report	NOV Issued	1/13/2023	1/13/2023	On Friday (1/13/23) Sunshine Canyon Landfill received a Notice of Violation for alleged odor complaints.

Special Occurrence - Reported in Monthly LEA Report	Soil Cover Issue	1/14/2023	1/14/2023	On Saturday 1/14/23, due to the heavy rains, the site team was unable to cover the entirety of the working face with 6-in of compacted soil. A portion of the working face was covered with Envirocover. That is, no trash was left exposed or uncovered. The Envirocover was inspected for integrity and was intact Monday morning prior to Monday's fill activities.
Special Occurrence - Reported in Monthly LEA Report	NOV Issued	1/18/2023	1/20/2023	On Wednesday 1/18/2023, Sunshine Canyon Landfill received a Notice of Violation for alleged odor complaints. The NOV was issued on 1/20/2023.
Special Occurrence - Reported in Monthly LEA Report	Radiation Load	1/21/2023	1/23/2023	On Saturday (1/21/23) at 10:00 am we received a radiation load from Ecology (CLARTS) which has been quarantined and waiting to be cleared by LA County Department of Public Health Radiation Management Division. The load was cleared by LA county Department of Public Health Radiation Management Division on Monday, 1/23/23.
Special Occurrence - Reported in Monthly LEA Report	Radiation Load	1/26/2023	1/27/2023	Today, (1/26/23) at 9:52 am we received a radiation load from Ecology (Bel Art) which has been quarantined and waiting to be cleared by LA County Department of Public Health Radiation Management Division. The Radiation Load has been cleared by LA County Department of Public Health Radiation Management Division on (1/27/23).
Special Occurrence - Reported in Monthly LEA Report	NOV Issued	1/26/2023	1/26/2023	On Thursday 1/26/23, Sunshine Canyon Landfill received a Notice of Violation for alleged odor complaints. The complaints were received on Sunday 1/22/23.
Special Occurrence - Reported in Monthly LEA Report	NOV Issued	1/26/2023	1/26/2023	On Thursday 1/26/23, Sunshine Canyon Landfill received a Notice of Violation for alleged odor complaints. The complaints were received on Monday 1/23/23.
Special Occurrence - Reported in Monthly LEA Report	NOV Issued	1/30/2023	1/30/2023	On Monday, (1/30/23), Sunshine Canyon Landfill received a Notice of Violation for alleged track out of dirt extending greater than 25 feet out of the main entrance onto San Fernando Road.
Cover Inspections				
Please refer to Daily Cover Inspection Log. Daily inspections were conducted.				
Results of January 2023 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
	Integrated SEM	233	6	171
For January 2023 surface emission monitoring, all exceedances were cleared within the first 10-day.				

APPENDIX A

JANUARY 2023 HOURLY WEATHER DATA

TIMESTAMP	Wind Speed	Temperature	Barometric Pressure	Rain Gage	Direction
1/1/2023 0:00	15.43	52.01	27.67285	0	SSE
1/1/2023 1:00	10.76	51	27.67392	0	SSW
1/1/2023 2:00	8.09	48.51	27.67169	0	SW
1/1/2023 3:00	5.387	47.8	27.67823	0	WSW
1/1/2023 4:00	1.83	47.23	27.67814	0	E
1/1/2023 5:00	8.63	47.41	27.67389	0	NNW
1/1/2023 6:00	8.72	47.27	27.69223	0	NW
1/1/2023 7:00	3.36	46.68	27.71664	0	SW
1/1/2023 8:00	1.749	46.04	27.72071	0	W
1/1/2023 9:00	1.68	49.33	27.73186	0	E
1/1/2023 10:00	3.601	48.71	27.74816	0	E
1/1/2023 11:00	3.964	51.06	27.7514	0	ENE
1/1/2023 12:00	3.825	51.41	27.74452	0	NNW
1/1/2023 13:00	4.563	51.82	27.72305	0	NNE
1/1/2023 14:00	11.79	49.3	27.71972	0	N
1/1/2023 15:00	13.2	48.77	27.72214	0	NW
1/1/2023 16:00	14.01	49.41	27.7236	0	NW
1/1/2023 17:00	17.71	50.21	27.72004	0	NNW
1/1/2023 18:00	11.52	48.71	27.74781	0	NW
1/1/2023 19:00	8.81	47.7	27.77841	0	NW
1/1/2023 20:00	11.21	47.16	27.80007	0	NNW
1/1/2023 21:00	18.83	46.71	27.8013	0	NNW
1/1/2023 22:00	21.23	46.98	27.79538	0	NNW
1/1/2023 23:00	25.24	46.98	27.80056	0	NNW
1/2/2023 0:00	27.95	47.28	27.81223	0	NNW
1/2/2023 1:00	19.52	46.78	27.82518	0	NNW
1/2/2023 2:00	14.24	45.61	27.83046	0	NNW
1/2/2023 3:00	15.76	44.91	27.83601	0	NNW
1/2/2023 4:00	16.39	44.16	27.84324	0	NNW
1/2/2023 5:00	17.88	44.35	27.8515	0	NW
1/2/2023 6:00	17.49	43.35	27.86398	0	NNW
1/2/2023 7:00	16.83	44.45	27.878	0	NNW
1/2/2023 8:00	10.82	44.13	27.90236	0	NNW
1/2/2023 9:00	2.653	45.75	27.92563	0	NNE
1/2/2023 10:00	2.912	48.95	27.95455	0	E
1/2/2023 11:00	5.799	48.39	27.95796	0	SSE
1/2/2023 12:00	6.305	48.53	27.94581	0	SSE
1/2/2023 13:00	6.576	48.31	27.9539	0	S
1/2/2023 14:00	6.325	48.03	27.94034	0	SSE
1/2/2023 15:00	7.91	48.18	27.93011	0	SSE
1/2/2023 16:00	8.1	47.99	27.91931	0	SSE
1/2/2023 17:00	8.69	46.98	27.95374	0	SSW
1/2/2023 18:00	7.787	45.06	27.96603	0	SSW
1/2/2023 19:00	6.422	43.95	27.96071	0	S
1/2/2023 20:00	4.259	43.7	27.95918	0	SSE
1/2/2023 21:00	6.788	43.85	27.96529	0	SSE

1/2/2023 22:00	7.838	43.56	27.96404	0	S
1/2/2023 23:00	8.61	43.41	27.97045	0	S
1/3/2023 0:00	13.63	43.53	27.96388	0	SSE
1/3/2023 1:00	12.85	43.84	27.9496	0	SSE
1/3/2023 2:00	11.65	43.98	27.95603	0	SSE
1/3/2023 3:00	8.25	43.69	27.9737	0	SE
1/3/2023 4:00	8.62	43.51	27.9682	0	SE
1/3/2023 5:00	9.98	43.72	27.96041	0	SSE
1/3/2023 6:00	8.93	43.73	27.95864	0	SSE
1/3/2023 7:00	5.734	43.84	27.97184	0	SSE
1/3/2023 8:00	5.692	44.28	27.98005	0	SSE
1/3/2023 9:00	7.421	44.94	28.00203	0	SSE
1/3/2023 10:00	6.016	46.22	28.02489	0	SSE
1/3/2023 11:00	6.819	47.6	28.03672	0	SSE
1/3/2023 12:00	8.71	48.52	28.01049	0	SSE
1/3/2023 13:00	9.53	49.08	27.99166	0	SSE
1/3/2023 14:00	10.27	49.92	27.98113	0	SSE
1/3/2023 15:00	10.01	50.31	27.98927	0	SSE
1/3/2023 16:00	9.41	50.55	27.98857	0	SSE
1/3/2023 17:00	7.835	50.6	27.9972	0	SSE
1/3/2023 18:00	9.88	50.77	27.99813	0	SSE
1/3/2023 19:00	9.73	50.95	28.02024	0	SSE
1/3/2023 20:00	8.86	50.9	28.02979	0	S
1/3/2023 21:00	12.59	50.68	28.03071	0	SSE
1/3/2023 22:00	11.41	50.65	28.04138	0	SSE
1/3/2023 23:00	12.23	50.95	28.04444	0	SSE
1/4/2023 0:00	11.25	51.24	28.04396	0	SSE
1/4/2023 1:00	12.34	51.27	28.0415	0	SSE
1/4/2023 2:00	13.04	51.35	28.03294	0	SSE
1/4/2023 3:00	11.77	51.47	28.03717	0	SSE
1/4/2023 4:00	10.99	51.51	28.03544	0	SSE
1/4/2023 5:00	11.37	51.54	28.01876	0	SSE
1/4/2023 6:00	11.85	51.56	28.02418	0	SSE
1/4/2023 7:00	11.72	51.62	28.04033	0	SSE
1/4/2023 8:00	13.16	51.68	28.0482	0	SE
1/4/2023 9:00	13.55	52.05	28.06244	0	SE
1/4/2023 10:00	12.16	52.56	28.08245	0	SSE
1/4/2023 11:00	14.16	52.92	28.07753	0	SSE
1/4/2023 12:00	14.94	52.74	28.05279	0	SSE
1/4/2023 13:00	19.67	53.54	28.02336	0	SSE
1/4/2023 14:00	17.3	54.49	28.00621	0	SSE
1/4/2023 15:00	18.74	54.47	27.9888	0	SSE
1/4/2023 16:00	16.77	54.31	27.97886	0	SSE
1/4/2023 17:00	19.17	53.96	27.97922	0	SSE
1/4/2023 18:00	21.86	53.48	27.98302	0	SSE
1/4/2023 19:00	21.13	53.09	27.98569	0	SSE
1/4/2023 20:00	13.54	51.83	27.98814	0	SSE

1/4/2023 21:00	14.43	50.72	27.99983	0	SSE
1/4/2023 22:00	13.63	50.23	28.01265	0	SSE
1/4/2023 23:00	14.28	50.77	28.01542	0	SSE
1/5/2023 0:00	16.42	50.48	28.01294	0	SSE
1/5/2023 1:00	14.83	49.48	28.00234	0	SSE
1/5/2023 2:00	16.52	49.16	27.99967	0	SE
1/5/2023 3:00	17.47	48.75	27.96803	0	SE
1/5/2023 4:00	18.81	48.8	27.96742	0	SSE
1/5/2023 5:00	19.69	48.48	27.94929	0	SE
1/5/2023 6:00	22.38	48.14	27.91842	0	SE
1/5/2023 7:00	20.36	48.4	27.92641	0	SE
1/5/2023 8:00	22.7	48.57	27.91823	0	SE
1/5/2023 9:00	18.73	49.06	27.93411	0	SSE
1/5/2023 10:00	13.61	50.79	27.9721	0	SSE
1/5/2023 11:00	11.68	50.79	28.00308	0	SW
1/5/2023 12:00	8.8	53.17	27.99882	0	SSW
1/5/2023 13:00	9.16	54.02	27.99431	0	SSW
1/5/2023 14:00	12.44	55.48	27.98173	0	SSW
1/5/2023 15:00	14.37	52.52	27.98745	0	WSW
1/5/2023 16:00	10.68	50.74	28.0087	0	SW
1/5/2023 17:00	8.61	50.37	28.02509	0	SSW
1/5/2023 18:00	4.071	49.24	28.05356	0	SE
1/5/2023 19:00	4.944	48.93	28.09032	0	S
1/5/2023 20:00	6.369	48.13	28.1078	0	SSW
1/5/2023 21:00	4.289	47.19	28.123	0	S
1/5/2023 22:00	2.226	46.36	28.14191	0	SSE
1/5/2023 23:00	1.788	45.61	28.15594	0	S
1/6/2023 0:00	4.383	46.08	28.15905	0	S
1/6/2023 1:00	3.488	45.66	28.15339	0	SW
1/6/2023 2:00	5.577	44.3	28.14778	0	NW
1/6/2023 3:00	11.96	43.88	28.14854	0	NW
1/6/2023 4:00	14.51	44.87	28.14103	0	NNW
1/6/2023 5:00	14.31	45.09	28.13092	0	NW
1/6/2023 6:00	13.52	44.12	28.13113	0	NW
1/6/2023 7:00	12.58	43	28.14956	0	NW
1/6/2023 8:00	12.17	44.3	28.16358	0	NNW
1/6/2023 9:00	17.73	46.45	28.16363	0	NW
1/6/2023 10:00	15.66	47.95	28.18112	0	NNW
1/6/2023 11:00	9.34	50.63	28.19289	0	NNW
1/6/2023 12:00	4.854	54.89	28.18144	0	N
1/6/2023 13:00	11.77	56.29	28.15916	0	NW
1/6/2023 14:00	13.39	57.74	28.13438	0	NW
1/6/2023 15:00	13.7	59.44	28.13468	0	NNW
1/6/2023 16:00	16.88	58.85	28.13366	0	N
1/6/2023 17:00	13.2	57.16	28.13754	0	N
1/6/2023 18:00	14.14	54.58	28.13889	0	NNW
1/6/2023 19:00	17.29	53.52	28.13586	0	NW

1/6/2023 20:00	18.44	52.51	28.14457	0	NW
1/6/2023 21:00	19.5	52.08	28.15606	0	NW
1/6/2023 22:00	19.91	51.61	28.15429	0	NW
1/6/2023 23:00	21.3	51.11	28.14754	0	NW
1/7/2023 0:00	21.65	50.83	28.13999	0	NW
1/7/2023 1:00	20.37	50.47	28.1244	0	NW
1/7/2023 2:00	20.74	50.28	28.11964	0	NW
1/7/2023 3:00	21.52	50	28.11349	0	NW
1/7/2023 4:00	21.02	49.99	28.11442	0	NW
1/7/2023 5:00	20.09	49.98	28.11562	0	NW
1/7/2023 6:00	20.06	49.67	28.11805	0	NW
1/7/2023 7:00	18.69	49.85	28.1236	0	NW
1/7/2023 8:00	19.08	49.26	28.13116	0	NW
1/7/2023 9:00	19.55	50.44	28.13765	0	NW
1/7/2023 10:00	17.82	51.52	28.14649	0	NW
1/7/2023 11:00	16.07	53.85	28.15395	0	NW
1/7/2023 12:00	11.14	56.19	28.13668	0	NW
1/7/2023 13:00	9.64	57.44	28.11439	0	NNW
1/7/2023 14:00	9.19	57.48	28.0968	0	NW
1/7/2023 15:00	6.894	58.14	28.08873	0	NW
1/7/2023 16:00	2.602	59.45	28.08378	0	NW
1/7/2023 17:00	3.035	57.97	28.09156	0	NW
1/7/2023 18:00	3.795	55.97	28.09889	0	WNW
1/7/2023 19:00	4.704	54.82	28.09914	0	NW
1/7/2023 20:00	4.419	53.36	28.10619	0	NW
1/7/2023 21:00	5.573	52.99	28.11216	0	NW
1/7/2023 22:00	3.613	51.61	28.12304	0	NNW
1/7/2023 23:00	3.814	50.3	28.13096	0	NNW
1/8/2023 0:00	1.753	51.76	28.14548	0	SE
1/8/2023 1:00	2.675	51.06	28.1161	0	E
1/8/2023 2:00	5.83	52.37	28.09966	0	S
1/8/2023 3:00	4.23	51.35	28.1056	0	SSE
1/8/2023 4:00	4.987	50.56	28.1042	0	SSW
1/8/2023 5:00	4.324	50.51	28.09696	0	SSW
1/8/2023 6:00	6.586	51.16	28.1115	0	SSW
1/8/2023 7:00	2.987	50.4	28.1327	0	NW
1/8/2023 8:00	3.703	49.53	28.13786	0	W
1/8/2023 9:00	3.854	51.93	28.1412	0	NW
1/8/2023 10:00	3.821	53.06	28.16165	0	WNW
1/8/2023 11:00	5.568	55.15	28.15351	0	SSE
1/8/2023 12:00	5.167	55.54	28.14231	0	S
1/8/2023 13:00	5.005	57.21	28.12379	0	SSE
1/8/2023 14:00	6.8	57.75	28.10071	0	SSE
1/8/2023 15:00	9.2	57.72	28.08831	0	SSE
1/8/2023 16:00	8.17	57.22	28.08603	0	SSE
1/8/2023 17:00	6.455	56.48	28.08882	0	S
1/8/2023 18:00	8.97	54.89	28.09515	0	S

1/8/2023 19:00	6.676	54.9	28.09961	0	SSW
1/8/2023 20:00	7.222	54.64	28.10549	0	SSE
1/8/2023 21:00	7.856	53.1	28.12211	0	SSE
1/8/2023 22:00	5.748	52.12	28.11769	0	SE
1/8/2023 23:00	8.63	53.4	28.11644	0	SSE
1/9/2023 0:00	10.28	53.22	28.10876	0	SSE
1/9/2023 1:00	10.07	50.87	28.10115	0	SSW
1/9/2023 2:00	10.31	49.03	28.08444	0	S
1/9/2023 3:00	10.46	47.63	28.07576	0	S
1/9/2023 4:00	10.31	46.78	28.05784	0	SSE
1/9/2023 5:00	11.59	46.68	28.04673	0	SSE
1/9/2023 6:00	13.7	46.31	28.06078	0	SSE
1/9/2023 7:00	17.25	46.68	28.06687	0	SSE
1/9/2023 8:00	11.15	47.36	28.07302	0.1	S
1/9/2023 9:00	14.11	47.77	28.07724	0.19	SSE
1/9/2023 10:00	18.23	48.69	28.07843	0.22	SSE
1/9/2023 11:00	18.02	48.67	28.07372	0.4	SSE
1/9/2023 12:00	17.94	48.09	28.04637	0.26	SSE
1/9/2023 13:00	17.03	47.52	28.01398	0.35	SSE
1/9/2023 14:00	16.81	47.69	27.99436	0.37	SSE
1/9/2023 15:00	16.97	48.63	27.98311	0.3	SSE
1/9/2023 16:00	21.39	49.57	27.97899	0.42	SSE
1/9/2023 17:00	18.8	50.32	27.97739	0.3	SSE
1/9/2023 18:00	23.87	50.64	27.95276	0.32	SSE
1/9/2023 19:00	21.78	50.13	27.95516	0.64	SSE
1/9/2023 20:00	17.34	49.71	27.98652	0.75	SSE
1/9/2023 21:00	15.78	50.96	27.9868	0.27	SSE
1/9/2023 22:00	12.94	51.86	27.98971	0.58	SSE
1/9/2023 23:00	13.91	51.6	27.98777	0.83	SSE
1/10/2023 0:00	14.47	51.14	27.99069	0.37	SSE
1/10/2023 1:00	17.02	51.09	27.98729	0.17	SSE
1/10/2023 2:00	14.21	51.14	27.98894	0.24	SSE
1/10/2023 3:00	13.8	51.39	27.99665	0.06	SSE
1/10/2023 4:00	13.16	51.38	27.97847	0.14	SSE
1/10/2023 5:00	12.9	51.24	27.97451	0.19	SSE
1/10/2023 6:00	13.89	51.27	27.9534	0.11	SE
1/10/2023 7:00	17.04	51.42	27.93275	0.04	SE
1/10/2023 8:00	15.59	52.12	27.93351	0.16	SE
1/10/2023 9:00	13.18	53.91	27.93553	0.03	SSE
1/10/2023 10:00	23.81	50.13	27.93667	0.4	SW
1/10/2023 11:00	15.17	49.43	27.97556	0.01	WSW
1/10/2023 12:00	8.01	49.91	27.98847	0.01	SW
1/10/2023 13:00	7.42	50.16	27.97549	0	SSW
1/10/2023 14:00	9.92	51.01	27.96606	0	SW
1/10/2023 15:00	10.67	51.44	27.97485	0	WSW
1/10/2023 16:00	10.42	50.66	27.99055	0	SW
1/10/2023 17:00	9.71	49.92	28.00403	0	SW

1/10/2023 18:00	11.62	49.09	28.00973	0	SSW
1/10/2023 19:00	9.63	48.31	28.02594	0	S
1/10/2023 20:00	6.113	47.85	28.05543	0	SSE
1/10/2023 21:00	6.762	48.31	28.0766	0	SW
1/10/2023 22:00	6.489	47.77	28.08685	0	SSW
1/10/2023 23:00	4.546	47.17	28.10451	0	SSE
1/11/2023 0:00	4.446	47.57	28.11501	0	S
1/11/2023 1:00	2.622	47.03	28.10952	0	SW
1/11/2023 2:00	1.197	46.11	28.10198	0	S
1/11/2023 3:00	1.66	45.38	28.09948	0	ESE
1/11/2023 4:00	2.46	45.23	28.10629	0	NW
1/11/2023 5:00	3.724	45.17	28.09705	0	WNW
1/11/2023 6:00	2.943	45.31	28.10639	0	NNW
1/11/2023 7:00	1.462	43.97	28.12849	0	WSW
1/11/2023 8:00	1.435	45.19	28.15791	0	NW
1/11/2023 9:00	2.654	45.08	28.17958	0	NNW
1/11/2023 10:00	3.887	46.32	28.20442	0	NNW
1/11/2023 11:00	6.299	48.47	28.20834	0	N
1/11/2023 12:00	6.804	50.11	28.19684	0	NNW
1/11/2023 13:00	3.761	52.6	28.18415	0	NNE
1/11/2023 14:00	4.535	54.89	28.17293	0	ESE
1/11/2023 15:00	5.312	55.18	28.16742	0	S
1/11/2023 16:00	2.867	54.48	28.16744	0	SSW
1/11/2023 17:00	5.178	53.42	28.16674	0	NNW
1/11/2023 18:00	10.77	51.85	28.17102	0	NW
1/11/2023 19:00	12.84	51.76	28.17017	0	NW
1/11/2023 20:00	11.88	51.7	28.17914	0	NW
1/11/2023 21:00	19.36	51.5	28.17865	0	NNW
1/11/2023 22:00	20.17	51.03	28.18183	0	NNW
1/11/2023 23:00	19.59	50.5	28.19064	0	NW
1/12/2023 0:00	20.28	50.11	28.19135	0	NW
1/12/2023 1:00	22.55	49.54	28.18206	0	NNW
1/12/2023 2:00	24.2	49.55	28.16306	0	NNW
1/12/2023 3:00	24.89	49.15	28.16053	0	NW
1/12/2023 4:00	26.92	49.62	28.15899	0	NW
1/12/2023 5:00	26.69	49.67	28.1561	0	NW
1/12/2023 6:00	28.39	49.51	28.16206	0	NW
1/12/2023 7:00	29.06	49.29	28.17074	0	NW
1/12/2023 8:00	28.62	49.44	28.18753	0	NW
1/12/2023 9:00	28.59	49.92	28.20241	0	NW
1/12/2023 10:00	29.56	51.12	28.20842	0	NW
1/12/2023 11:00	27.1	52.63	28.21404	0	NW
1/12/2023 12:00	24.95	54.04	28.18938	0	NW
1/12/2023 13:00	24.54	55.34	28.16778	0	NW
1/12/2023 14:00	23.94	55.64	28.15806	0	NW
1/12/2023 15:00	23.84	55.68	28.14998	0	NW
1/12/2023 16:00	22.14	55.73	28.14776	0	NW

1/12/2023 17:00	22.04	55.12	28.13602	0	NW
1/12/2023 18:00	25.61	54.44	28.1335	0	NW
1/12/2023 19:00	24.84	54.17	28.14351	0	NW
1/12/2023 20:00	23.62	53.68	28.15539	0	NW
1/12/2023 21:00	21.98	52.96	28.16176	0	NW
1/12/2023 22:00	20.24	53	28.16709	0	NW
1/12/2023 23:00	19.68	52.85	28.17172	0	NW
1/13/2023 0:00	19.61	52.41	28.16517	0	NW
1/13/2023 1:00	17.22	52.05	28.14174	0	NW
1/13/2023 2:00	16.96	51.58	28.13271	0	NW
1/13/2023 3:00	15.6	51.25	28.13477	0	NW
1/13/2023 4:00	16.34	51.51	28.12021	0	NW
1/13/2023 5:00	12.93	51.28	28.11268	0	NW
1/13/2023 6:00	10.25	50.52	28.129	0	NW
1/13/2023 7:00	11.61	49.48	28.13198	0	NNW
1/13/2023 8:00	8.3	50.41	28.12826	0	NNW
1/13/2023 9:00	5.274	53.6	28.13979	0	NNW
1/13/2023 10:00	8.7	53.38	28.15591	0	NNW
1/13/2023 11:00	2.919	57.81	28.14824	0	WSW
1/13/2023 12:00	5.173	59.58	28.13724	0	SE
1/13/2023 13:00	6.571	59.07	28.09839	0	SSE
1/13/2023 14:00	3.846	59.41	28.0835	0	SSE
1/13/2023 15:00	4.661	58.99	28.06861	0	SSE
1/13/2023 16:00	4.441	59.09	28.06737	0	S
1/13/2023 17:00	4.288	57.47	28.06422	0	SSW
1/13/2023 18:00	2.354	56.33	28.065	0	SW
1/13/2023 19:00	3.986	54.66	28.06421	0	NW
1/13/2023 20:00	3.011	55.36	28.05588	0	SW
1/13/2023 21:00	4.845	53.47	28.05702	0	NW
1/13/2023 22:00	3.442	52.81	28.0633	0	NNW
1/13/2023 23:00	4.741	52.06	28.06392	0	NW
1/14/2023 0:00	4.739	51.81	28.05184	0	NW
1/14/2023 1:00	2.621	54.24	28.03912	0	SW
1/14/2023 2:00	2.558	53.58	28.02571	0	S
1/14/2023 3:00	2.421	52.28	27.99449	0	WSW
1/14/2023 4:00	4.033	53.11	27.98828	0	SSW
1/14/2023 5:00	4.121	51.29	27.96511	0	SE
1/14/2023 6:00	5.059	50.36	27.95782	0	SE
1/14/2023 7:00	5.493	50.16	27.95365	0	S
1/14/2023 8:00	5.568	49.87	27.95108	0	SSE
1/14/2023 9:00	7.562	48.43	27.94619	0	SSE
1/14/2023 10:00	8.75	46.66	27.94642	0.09	SSE
1/14/2023 11:00	9.23	45.78	27.94163	0.16	SE
1/14/2023 12:00	10.89	45.59	27.90502	0.32	SE
1/14/2023 13:00	11.63	45.67	27.86024	0.3	SSE
1/14/2023 14:00	7.844	45.58	27.83672	0.34	S
1/14/2023 15:00	8.77	45.7	27.8267	0.2	S

1/14/2023 16:00	9.09	46.13	27.81194	0.18	S
1/14/2023 17:00	8.55	47.28	27.80784	0.22	SSE
1/14/2023 18:00	7.993	47.95	27.81293	0.19	SSE
1/14/2023 19:00	7.321	48.37	27.79785	0.16	SSE
1/14/2023 20:00	7.688	48.62	27.78717	0.03	SSE
1/14/2023 21:00	7.003	48.85	27.77392	0.04	S
1/14/2023 22:00	4.195	49.29	27.7882	0	S
1/14/2023 23:00	7.224	48.93	27.79255	0.01	SW
1/15/2023 0:00	10.23	49.29	27.78507	0	SW
1/15/2023 1:00	5.787	48.68	27.77868	0.04	S
1/15/2023 2:00	7.182	48.52	27.77788	0	SSW
1/15/2023 3:00	5.139	48.02	27.78119	0	SSW
1/15/2023 4:00	6.233	47.13	27.77261	0	S
1/15/2023 5:00	6.453	46.08	27.77796	0	E
1/15/2023 6:00	3.972	45.92	27.78368	0	SE
1/15/2023 7:00	5.599	45.71	27.79219	0	ESE
1/15/2023 8:00	5.302	45.96	27.80507	0	SSE
1/15/2023 9:00	4.797	46.4	27.82697	0	SE
1/15/2023 10:00	4.487	46.69	27.85508	0	SSE
1/15/2023 11:00	8.06	47.99	27.85028	0	SSE
1/15/2023 12:00	9.56	49.21	27.83482	0	SSE
1/15/2023 13:00	7.285	50.28	27.81699	0	S
1/15/2023 14:00	7.101	49.86	27.79663	0.01	SSW
1/15/2023 15:00	9.54	48.97	27.78234	0	SSW
1/15/2023 16:00	9.27	48.11	27.77727	0	SSW
1/15/2023 17:00	9.5	47.69	27.76193	0.03	SSE
1/15/2023 18:00	9.36	46.89	27.77056	0.11	SSE
1/15/2023 19:00	10.82	45.88	27.76769	0.12	SSE
1/15/2023 20:00	9.04	45.13	27.77893	0.04	SSE
1/15/2023 21:00	12.36	45.16	27.76459	0.05	SSE
1/15/2023 22:00	16.35	44.89	27.74649	0.08	SE
1/15/2023 23:00	19.54	44.53	27.72007	0.05	SSE
1/16/2023 0:00	22.47	44.35	27.6826	0.16	SSE
1/16/2023 1:00	17.98	44.18	27.66382	0.17	SSE
1/16/2023 2:00	17.09	44.76	27.64552	0.27	SSE
1/16/2023 3:00	15.83	45.19	27.64909	0.13	S
1/16/2023 4:00	11.6	45.76	27.6348	0.01	S
1/16/2023 5:00	9.09	46.28	27.63661	0	S
1/16/2023 6:00	8.89	46.72	27.64008	0.15	S
1/16/2023 7:00	9.06	47.41	27.64893	0.15	S
1/16/2023 8:00	10.59	48.03	27.65941	0.09	S
1/16/2023 9:00	7.234	47.95	27.69053	0.03	WSW
1/16/2023 10:00	6.204	48.07	27.72172	0	SSE
1/16/2023 11:00	7.495	48.81	27.74183	0.01	S
1/16/2023 12:00	6.216	51.48	27.74183	0	SSW
1/16/2023 13:00	6.959	51.65	27.72988	0	SW
1/16/2023 14:00	6.981	52.43	27.71808	0	SSW

1/16/2023 15:00	7.745	50.87	27.71423	0	SSW
1/16/2023 16:00	8.78	50.03	27.71672	0	SW
1/16/2023 17:00	9.14	48.37	27.72802	0	SW
1/16/2023 18:00	12.59	46.94	27.73856	0	WSW
1/16/2023 19:00	14.93	45.58	27.74422	0	WSW
1/16/2023 20:00	11.66	44.49	27.74991	0	WSW
1/16/2023 21:00	3.8	43.55	27.77163	0	W
1/16/2023 22:00	3.603	42.94	27.78397	0	WNW
1/16/2023 23:00	5.225	42	27.79	0	E
1/17/2023 0:00	2.808	40.73	27.78862	0	ESE
1/17/2023 1:00	2.104	40.64	27.78878	0	SSW
1/17/2023 2:00	4.304	40.87	27.7881	0	NW
1/17/2023 3:00	8.55	40.34	27.78296	0	NW
1/17/2023 4:00	6.644	41.11	27.77796	0	NW
1/17/2023 5:00	8.26	40.72	27.78091	0	NNW
1/17/2023 6:00	7.137	39.8	27.79509	0	NNW
1/17/2023 7:00	10.21	40.67	27.81171	0	NNW
1/17/2023 8:00	15.45	41.74	27.82342	0	NW
1/17/2023 9:00	13.22	42.53	27.85032	0	NW
1/17/2023 10:00	18.16	44.58	27.86321	0	NW
1/17/2023 11:00	24.69	46.73	27.8628	0	NNW
1/17/2023 12:00	25.53	47.84	27.85822	0	NNW
1/17/2023 13:00	18.87	48.77	27.85875	0	NNW
1/17/2023 14:00	16.37	49.82	27.8501	0	NNW
1/17/2023 15:00	14.89	50.33	27.85672	0	NNW
1/17/2023 16:00	18.99	49.61	27.85974	0	NNW
1/17/2023 17:00	20.63	48.32	27.88022	0	NNW
1/17/2023 18:00	15.97	46.47	27.90511	0	NNW
1/17/2023 19:00	18.41	45.59	27.9199	0	NNW
1/17/2023 20:00	17.95	45.2	27.93503	0	NNW
1/17/2023 21:00	15.19	44.42	27.95997	0	NNW
1/17/2023 22:00	14.58	43.75	27.97517	0	NNW
1/17/2023 23:00	22.44	43.55	27.97578	0	NW
1/18/2023 0:00	19.7	43.52	27.98503	0	NW
1/18/2023 1:00	17.4	41.67	27.99266	0	NNW
1/18/2023 2:00	19.59	41.57	27.99337	0	NNW
1/18/2023 3:00	12.07	40.76	28.00672	0	NNW
1/18/2023 4:00	11.24	40.22	28.01506	0	NNW
1/18/2023 5:00	10.07	39.02	28.0252	0	N
1/18/2023 6:00	7.016	39.46	28.04232	0	NNW
1/18/2023 7:00	11.15	40.84	28.05585	0	NNW
1/18/2023 8:00	6.566	41.76	28.07519	0	NW
1/18/2023 9:00	7.178	43.73	28.10894	0	NNW
1/18/2023 10:00	2.989	48.06	28.13218	0	N
1/18/2023 11:00	1.909	51.88	28.13649	0	NNE
1/18/2023 12:00	4.348	53.03	28.12524	0	SE
1/18/2023 13:00	5.204	53.16	28.10263	0	SE

1/18/2023 14:00	5.071	54.01	28.08514	0	SSE
1/18/2023 15:00	4.72	55.05	28.07585	0	S
1/18/2023 16:00	3.674	54.95	28.07238	0	SSE
1/18/2023 17:00	3.631	52.6	28.07983	0	SSW
1/18/2023 18:00	2.425	50.57	28.08502	0	W
1/18/2023 19:00	4.884	48.67	28.08984	0	E
1/18/2023 20:00	2.646	47.34	28.1001	0	ESE
1/18/2023 21:00	5.654	46.22	28.10787	0	NW
1/18/2023 22:00	4.098	45.89	28.10576	0	NW
1/18/2023 23:00	4.392	45.38	28.10836	0	NW
1/19/2023 0:00	4.603	45.17	28.11091	0	NW
1/19/2023 1:00	3.487	45.17	28.10458	0	NW
1/19/2023 2:00	5.095	44.2	28.10545	0	NNW
1/19/2023 3:00	3.224	43.72	28.10151	0	NNW
1/19/2023 4:00	1.799	43.48	28.08871	0	NNW
1/19/2023 5:00	2.402	43.27	28.0778	0	NNW
1/19/2023 6:00	1.575	43.01	28.07335	0	NNW
1/19/2023 7:00	2.683	43.45	28.07148	0	SSW
1/19/2023 8:00	4.704	44.72	28.07401	0	SSW
1/19/2023 9:00	4.59	47.46	28.08396	0	SSE
1/19/2023 10:00	5.358	48.38	28.09313	0	ESE
1/19/2023 11:00	8.3	49.23	28.08402	0	SE
1/19/2023 12:00	7.816	50.85	28.06252	0	SSE
1/19/2023 13:00	8.7	52.13	28.02936	0	SSE
1/19/2023 14:00	8.4	50.27	28.01241	0	SSE
1/19/2023 15:00	6.913	48.95	28.00802	0	S
1/19/2023 16:00	6.655	47.72	27.99856	0	SE
1/19/2023 17:00	6.991	47.26	27.99816	0	ESE
1/19/2023 18:00	6.375	46.05	28.00669	0	NNE
1/19/2023 19:00	19.3	45.79	28.014	0	NW
1/19/2023 20:00	18.59	44.71	28.02341	0	NNW
1/19/2023 21:00	18.74	44.29	28.02324	0	NNW
1/19/2023 22:00	23.68	43.68	28.02147	0	NNW
1/19/2023 23:00	19.04	44.37	28.03579	0	NNW
1/20/2023 0:00	14.85	43.32	28.04609	0	NNW
1/20/2023 1:00	17.51	42.54	28.04566	0	NNW
1/20/2023 2:00	19.19	41.5	28.05865	0	NW
1/20/2023 3:00	16.27	40.66	28.07376	0	NW
1/20/2023 4:00	14.21	41.08	28.07337	0	NW
1/20/2023 5:00	15.63	41.63	28.07269	0	NNW
1/20/2023 6:00	18.33	41.42	28.07864	0	NNW
1/20/2023 7:00	16.48	41.02	28.0993	0	NNW
1/20/2023 8:00	14.96	41.69	28.12731	0	NNW
1/20/2023 9:00	11.57	43.22	28.15704	0	NNW
1/20/2023 10:00	16.71	45.2	28.16261	0	NNW
1/20/2023 11:00	19.22	49.26	28.15923	0	N
1/20/2023 12:00	20.08	50.7	28.14261	0	N

1/20/2023 13:00	19.58	52.07	28.12633	0	N
1/20/2023 14:00	20.48	53.25	28.11094	0	N
1/20/2023 15:00	20.34	53.64	28.11521	0	N
1/20/2023 16:00	21.91	52.99	28.12364	0	N
1/20/2023 17:00	20.87	52.26	28.14231	0	N
1/20/2023 18:00	18.89	50.53	28.15774	0	NNW
1/20/2023 19:00	20.28	47.84	28.17234	0	NNW
1/20/2023 20:00	20.91	46.93	28.18358	0	NNW
1/20/2023 21:00	17.42	47.44	28.1977	0	NW
1/20/2023 22:00	14.86	47.13	28.20938	0	NW
1/20/2023 23:00	19.31	46.54	28.2106	0	NW
1/21/2023 0:00	16.22	45.83	28.22027	0	NW
1/21/2023 1:00	20.98	46.87	28.21283	0	NW
1/21/2023 2:00	25.13	46.5	28.20675	0	NNW
1/21/2023 3:00	28.36	44.82	28.2086	0	NNW
1/21/2023 4:00	21.03	44.51	28.22198	0	NW
1/21/2023 5:00	13.68	44.13	28.23371	0	NW
1/21/2023 6:00	24.2	44.81	28.21419	0	NW
1/21/2023 7:00	23.08	45.13	28.22493	0	NW
1/21/2023 8:00	24.74	45.53	28.22599	0	NW
1/21/2023 9:00	24.82	46.74	28.2397	0	NNW
1/21/2023 10:00	25.91	49.34	28.25134	0	NNW
1/21/2023 11:00	26.22	52.44	28.25556	0	NNW
1/21/2023 12:00	23.63	54.44	28.24517	0	N
1/21/2023 13:00	17.5	55.88	28.22317	0	NNW
1/21/2023 14:00	16.96	56.48	28.20214	0	N
1/21/2023 15:00	18.41	56.62	28.18167	0	N
1/21/2023 16:00	18.07	56.42	28.17765	0	N
1/21/2023 17:00	16.99	55.38	28.17916	0	N
1/21/2023 18:00	18.21	53.56	28.17884	0	N
1/21/2023 19:00	13.57	51.58	28.18759	0	N
1/21/2023 20:00	20.96	51.38	28.17396	0	N
1/21/2023 21:00	21.44	49.18	28.1751	0	NNW
1/21/2023 22:00	17.95	49.59	28.17574	0	NNW
1/21/2023 23:00	17.46	49.36	28.17081	0	NNW
1/22/2023 0:00	14.57	48.21	28.15797	0	NNW
1/22/2023 1:00	13.37	46.2	28.13504	0	NNW
1/22/2023 2:00	9.71	47.74	28.1261	0	NW
1/22/2023 3:00	4.068	49.45	28.11137	0	NNW
1/22/2023 4:00	3.062	48.95	28.08756	0	NW
1/22/2023 5:00	3.974	45.96	28.06447	0	NNW
1/22/2023 6:00	5.565	48.48	28.05055	0	NW
1/22/2023 7:00	6.234	48.4	28.03683	0	NNW
1/22/2023 8:00	3.952	48.08	28.02071	0	NNW
1/22/2023 9:00	1.752	49.38	28.01165	0	SE
1/22/2023 10:00	3.171	48.58	27.99912	0	WSW
1/22/2023 11:00	6.992	51.22	27.99253	0	N

1/22/2023 12:00	12.72	53.22	27.95436	0	NW
1/22/2023 13:00	18.08	56.77	27.90603	0	NNW
1/22/2023 14:00	21.96	57.05	27.86686	0	N
1/22/2023 15:00	21.1	53.97	27.85868	0	NW
1/22/2023 16:00	24.04	51.88	27.8521	0	NW
1/22/2023 17:00	24.48	48.8	27.85545	0	NW
1/22/2023 18:00	25.1	46.51	27.86619	0	NW
1/22/2023 19:00	26.43	44.95	27.8682	0	NW
1/22/2023 20:00	19.93	44.27	27.88713	0	NW
1/22/2023 21:00	12.73	44.14	27.90116	0	NW
1/22/2023 22:00	18.8	46.97	27.90544	0	N
1/22/2023 23:00	20.67	47.09	27.92041	0	N
1/23/2023 0:00	19.4	46.13	27.93102	0	N
1/23/2023 1:00	21.43	45.17	27.92293	0	NNW
1/23/2023 2:00	22.58	44.54	27.916	0	NNW
1/23/2023 3:00	24.26	44.09	27.92279	0	NNW
1/23/2023 4:00	24.49	43.25	27.93023	0	NNW
1/23/2023 5:00	27.41	42.59	27.92557	0	N
1/23/2023 6:00	28.44	41.91	27.92934	0	N
1/23/2023 7:00	27.08	41.98	27.9481	0	NNW
1/23/2023 8:00	18.4	41.94	27.97889	0	NNW
1/23/2023 9:00	21	43.63	27.99184	0	N
1/23/2023 10:00	26.3	46.52	27.98569	0	N
1/23/2023 11:00	25.98	49.32	27.98619	0	N
1/23/2023 12:00	32.03	50.97	27.97206	0	N
1/23/2023 13:00	34.48	52.74	27.95187	0	NNE
1/23/2023 14:00	34.42	54.7	27.93167	0	N
1/23/2023 15:00	28.3	56.13	27.96197	0	N
1/23/2023 16:00	21.01	56.34	28.00025	0	NNE
1/23/2023 17:00	16.64	55.87	28.0151	0	N
1/23/2023 18:00	14.24	54.64	28.02651	0	N
1/23/2023 19:00	10.88	52.41	28.04108	0	N
1/23/2023 20:00	13.14	51.04	28.06673	0	NNW
1/23/2023 21:00	11.3	49.44	28.0975	0	NNW
1/23/2023 22:00	14.81	48.62	28.11226	0	NNW
1/23/2023 23:00	15.6	49.13	28.12936	0	NNW
1/24/2023 0:00	14.97	48.18	28.13132	0	NNW
1/24/2023 1:00	18.62	47.96	28.13585	0	NNW
1/24/2023 2:00	19.69	48.71	28.14908	0	NW
1/24/2023 3:00	19.53	48.28	28.1651	0	NW
1/24/2023 4:00	17.8	48.52	28.17659	0	NW
1/24/2023 5:00	20	48.2	28.18909	0	NW
1/24/2023 6:00	20.79	48.3	28.19916	0	NW
1/24/2023 7:00	18.48	48.06	28.21406	0	NW
1/24/2023 8:00	18.31	48.96	28.23418	0	NW
1/24/2023 9:00	22.47	49.66	28.25008	0	NW
1/24/2023 10:00	20.37	51.31	28.26861	0	NNW

1/24/2023 11:00	19.6	55.28	28.27447	0	NW
1/24/2023 12:00	15.38	58.36	28.26028	0	NNW
1/24/2023 13:00	13.77	61.75	28.23404	0	N
1/24/2023 14:00	14.28	62.72	28.21276	0	N
1/24/2023 15:00	15.34	63.12	28.20121	0	NNE
1/24/2023 16:00	16.45	62.86	28.19732	0	N
1/24/2023 17:00	14.94	61.88	28.19911	0	N
1/24/2023 18:00	16.81	59.23	28.20043	0	NNW
1/24/2023 19:00	19.27	55.89	28.20848	0	NW
1/24/2023 20:00	19.87	54.82	28.21771	0	NNW
1/24/2023 21:00	18.06	55.1	28.23732	0	NW
1/24/2023 22:00	18.18	54.38	28.24313	0	NW
1/24/2023 23:00	18.17	53.93	28.24556	0	NW
1/25/2023 0:00	18.13	53.43	28.24572	0	NW
1/25/2023 1:00	17.3	52.52	28.23578	0	NW
1/25/2023 2:00	12.26	51.19	28.24089	0	NNW
1/25/2023 3:00	7.635	50.32	28.24136	0	NNW
1/25/2023 4:00	7.106	49.94	28.23137	0	NNW
1/25/2023 5:00	11.86	49.01	28.22225	0	NW
1/25/2023 6:00	15.84	48.9	28.221	0	NNW
1/25/2023 7:00	16.74	50.82	28.22981	0	NW
1/25/2023 8:00	17.8	52.01	28.23393	0	NW
1/25/2023 9:00	26.62	52.04	28.2438	0	NNW
1/25/2023 10:00	24.06	54.8	28.25591	0	NNW
1/25/2023 11:00	21.58	58.83	28.26627	0	NNW
1/25/2023 12:00	19.34	60.86	28.25233	0	NNW
1/25/2023 13:00	17.06	61.88	28.22573	0	N
1/25/2023 14:00	18.75	61.82	28.20489	0	N
1/25/2023 15:00	18.75	61.86	28.20333	0	N
1/25/2023 16:00	23.91	61.09	28.1958	0	N
1/25/2023 17:00	23.89	60.1	28.20164	0	NNE
1/25/2023 18:00	17.09	58.75	28.2115	0	NNW
1/25/2023 19:00	16.51	57.04	28.22506	0	NW
1/25/2023 20:00	16.02	56.15	28.23142	0	NNW
1/25/2023 21:00	18.35	56.13	28.23283	0	NNW
1/25/2023 22:00	18.86	55.93	28.23916	0	NNW
1/25/2023 23:00	18.82	55.98	28.24576	0	NNW
1/26/2023 0:00	21.07	56.25	28.24927	0	N
1/26/2023 1:00	21.56	56.59	28.24962	0	NNE
1/26/2023 2:00	21.9	55.72	28.25872	0	N
1/26/2023 3:00	20.95	54.22	28.27162	0	N
1/26/2023 4:00	18.05	53.62	28.28209	0	N
1/26/2023 5:00	17.59	53.18	28.28917	0	N
1/26/2023 6:00	22.26	52.33	28.28973	0	N
1/26/2023 7:00	23.88	52.06	28.3073	0	N
1/26/2023 8:00	26.96	51.89	28.32282	0	N
1/26/2023 9:00	32.56	52.55	28.32875	0	N

1/26/2023 10:00	27.29	53.92	28.35095	0	N
1/26/2023 11:00	23.18	55.61	28.34817	0	NNE
1/26/2023 12:00	21.88	57.3	28.32228	0	NNE
1/26/2023 13:00	22.6	58.54	28.29382	0	N
1/26/2023 14:00	26	58.67	28.26986	0	N
1/26/2023 15:00	29.77	59.27	28.24371	0	N
1/26/2023 16:00	32.11	59.43	28.22908	0	NNE
1/26/2023 17:00	27.45	59.12	28.23941	0	N
1/26/2023 18:00	26.51	57.96	28.24991	0	N
1/26/2023 19:00	21.07	56.66	28.27535	0	NW
1/26/2023 20:00	25.1	55.93	28.26237	0	NNW
1/26/2023 21:00	22.56	54.99	28.26583	0	NW
1/26/2023 22:00	19.92	53.27	28.27097	0	NW
1/26/2023 23:00	19.32	54.91	28.27429	0	NNW
1/27/2023 0:00	22.77	52.69	28.256	0	NW
1/27/2023 1:00	20.41	51.7	28.24805	0	NW
1/27/2023 2:00	22.63	51.46	28.22955	0	NNW
1/27/2023 3:00	19.42	51.1	28.21279	0	NNW
1/27/2023 4:00	17.42	51.29	28.20514	0	NNW
1/27/2023 5:00	20.9	51.64	28.18468	0	NW
1/27/2023 6:00	21.47	51.76	28.17612	0	NNW
1/27/2023 7:00	21.11	51.11	28.16956	0	NNW
1/27/2023 8:00	20.13	51.31	28.16018	0	NNW
1/27/2023 9:00	16.51	54.71	28.16082	0	NNW
1/27/2023 10:00	12.62	55.6	28.1605	0	NNW
1/27/2023 11:00	9.29	58.63	28.14311	0	NNW
1/27/2023 12:00	4.595	63.19	28.09898	0	ENE
1/27/2023 13:00	5.566	63.74	28.05058	0	SSE
1/27/2023 14:00	5.548	64.81	28.01046	0	SE
1/27/2023 15:00	5.426	65.48	27.97795	0	SSE
1/27/2023 16:00	5.457	65.08	27.96959	0	SSE
1/27/2023 17:00	6.21	61.97	27.96786	0	SSE
1/27/2023 18:00	6.072	58.51	27.96687	0	SSE
1/27/2023 19:00	5.668	56.27	27.96385	0	SSE
1/27/2023 20:00	4.172	54.77	27.95955	0	S
1/27/2023 21:00	3.089	54.19	27.95777	0	SSE
1/27/2023 22:00	4.989	53.75	27.9545	0	S
1/27/2023 23:00	4.657	51.92	27.95443	0	S
1/28/2023 0:00	3.429	51.25	27.95005	0	SSE
1/28/2023 1:00	4.936	51.27	27.93972	0	SSE
1/28/2023 2:00	4.711	50.73	27.93332	0	SSE
1/28/2023 3:00	3.575	50.07	27.93447	0	S
1/28/2023 4:00	3.252	48.1	27.93217	0	SSW
1/28/2023 5:00	4.119	47.72	27.92591	0	SSW
1/28/2023 6:00	2.757	45.29	27.9313	0	SSE
1/28/2023 7:00	5.017	44.76	27.93888	0	SSW
1/28/2023 8:00	2.766	47.22	27.95168	0	S

1/28/2023 9:00	5.609	48.33	27.96622	0	S
1/28/2023 10:00	6.84	49.75	27.97854	0	SSE
1/28/2023 11:00	7.793	51.18	27.9856	0	SE
1/28/2023 12:00	6.692	53.14	27.96598	0	SSE
1/28/2023 13:00	7.152	54.58	27.93065	0	SE
1/28/2023 14:00	7.162	55.71	27.90919	0	SE
1/28/2023 15:00	6.545	56.76	27.89521	0	SSE
1/28/2023 16:00	7.499	56.57	27.89172	0	SSE
1/28/2023 17:00	6.906	55.22	27.89604	0	SSE
1/28/2023 18:00	7.264	51.93	27.90653	0	SSE
1/28/2023 19:00	3.672	50.02	27.91552	0	SSE
1/28/2023 20:00	3.873	49.45	27.92515	0	SSE
1/28/2023 21:00	4.709	48.33	27.93536	0	SSE
1/28/2023 22:00	4.412	47.26	27.93619	0	S
1/28/2023 23:00	4.596	47.15	27.92809	0	S
1/29/2023 0:00	4.842	47.16	27.9216	0	S
1/29/2023 1:00	6.697	47.06	27.91619	0	SSE
1/29/2023 2:00	6.091	46.85	27.91203	0	SSE
1/29/2023 3:00	6.916	46.4	27.90411	0	SSE
1/29/2023 4:00	7.393	46.02	27.89268	0	SSE
1/29/2023 5:00	8.81	45.81	27.8822	0	SSE
1/29/2023 6:00	9.28	45.52	27.87465	0	SSE
1/29/2023 7:00	8.31	45.3	27.87736	0	SSE
1/29/2023 8:00	8.49	45.17	27.88244	0	SSE
1/29/2023 9:00	9.11	45.7	27.88445	0	SSE
1/29/2023 10:00	11.46	46.41	27.88485	0	SSE
1/29/2023 11:00	11.43	48.27	27.88149	0	SSE
1/29/2023 12:00	12.74	48.24	27.85545	0	SSE
1/29/2023 13:00	13.78	46.23	27.83427	0.01	SW
1/29/2023 14:00	9.1	47.62	27.82406	0	SW
1/29/2023 15:00	12.31	47.91	27.80772	0	SSW
1/29/2023 16:00	10.08	47.95	27.79814	0.01	S
1/29/2023 17:00	9.26	46.9	27.80779	0	S
1/29/2023 18:00	11.67	45.38	27.81366	0	SSE
1/29/2023 19:00	8.61	44.22	27.82899	0	SSE
1/29/2023 20:00	6.866	43.37	27.82835	0	SSE
1/29/2023 21:00	7.866	42.99	27.83197	0	SSE
1/29/2023 22:00	8.1	42.2	27.83767	0.03	SSW
1/29/2023 23:00	7.507	41.49	27.84369	0.05	SSE
1/30/2023 0:00	7.305	41.29	27.84968	0.03	SE
1/30/2023 1:00	8.73	41.62	27.8455	0.07	SE
1/30/2023 2:00	10.25	41.29	27.84638	0.05	SE
1/30/2023 3:00	9.57	40.49	27.85003	0.07	ESE
1/30/2023 4:00	8.11	40.62	27.85134	0.01	ESE
1/30/2023 5:00	5.357	41.38	27.85761	0	SE
1/30/2023 6:00	3.157	41.69	27.86611	0	SE
1/30/2023 7:00	2.879	41.76	27.88281	0.01	SSW

1/30/2023 8:00	2.347	41.6	27.89105	0	N
1/30/2023 9:00	9.2	42.26	27.9074	0	NNW
1/30/2023 10:00	11.32	43.83	27.92208	0	NNW
1/30/2023 11:00	12.28	45.34	27.93652	0	NNW
1/30/2023 12:00	17.95	46.18	27.92437	0	N
1/30/2023 13:00	20.96	47.59	27.89696	0	N
1/30/2023 14:00	20.46	48.72	27.88041	0	N
1/30/2023 15:00	18.62	49.66	27.88429	0	NNE
1/30/2023 16:00	15.6	50.31	27.89169	0	NNE
1/30/2023 17:00	15.89	50.7	27.88416	0	NNE
1/30/2023 18:00	16.79	51.2	27.88853	0	N
1/30/2023 19:00	13.97	50.44	27.90138	0	N
1/30/2023 20:00	15.01	49.6	27.91885	0	N
1/30/2023 21:00	17.35	48.23	27.93664	0	N
1/30/2023 22:00	27.55	46.76	27.93705	0	N
1/30/2023 23:00	31.99	45.66	27.93553	0	NNW
1/31/2023 0:00	34.58	45.21	27.93091	0	NNW
1/31/2023 1:00	37.48	45.06	27.92612	0	NNW
1/31/2023 2:00	37.62	44.95	27.92158	0	NNW
1/31/2023 3:00	37.03	44.2	27.92391	0	NNW
1/31/2023 4:00	37.24	44.46	27.93432	0	NNW
1/31/2023 5:00	35.47	44.38	27.94497	0	NNW
1/31/2023 6:00	32.65	44.16	27.97031	0	NNW
1/31/2023 7:00	30.16	44.4	28.00011	0	NNW
1/31/2023 8:00	28.6	44.37	28.03493	0	NNW
1/31/2023 9:00	27.88	45.93	28.05522	0	NNW
1/31/2023 10:00	30.98	47.57	28.08378	0	N
1/31/2023 11:00	22.42	48.48	28.12505	0	N
1/31/2023 12:00	21.12	49.89	28.1042	0	N
1/31/2023 13:00	19.59	50.75	28.08013	0	NNE

APPENDIX B

JANUARY 2023

FACILITY INSPECTION REPORT

Disposal Facility (Site) Inspection Report (52)
Sunshine Canyon City/County Landfill (19-AA-2000)
1/31/2023

Inspection Information

Inspected By: Sunshine Canyon Landfill **Local Inspection ID:**
Inspection Date: 1/31/2023 **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 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.

LEA staff observed windblown litter being carried off site by the wind towards the neighborhood to the South during this observation period.

Scattered litter can be observed throughout the site, with more litter concentration in

Disposal Facility (Site) Inspection Report (52)
Sunshine Canyon City/County Landfill (19-AA-2000)
1/31/2023

the South City area, the side slopes, trees and hillsides along the southern ridge of the landfill. The operator had put up some litter nettings in an attempt to contain the litter to the retrievable areas. The operator has stated that they are having difficulties hiring temporary workers to work on the landfill. Windblown materials need to be better controlled to prevent the accumulation and off-site migration of litter.

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.

A major storm affected the region from Tuesday, January 3 to Tuesday, January 10 – with heavy rain falling on January 5 and January 9 – and deposited between 8 to 12 inches of rain onto the landfill. The landfill experienced several problems with the drainage system due to the high volume flow of storm water and the construction activity in the terminal sediment basin.

The major problem occurred along the eastern facing slope of the cell CC4 – northwest of where the site's drainage flowed into the terminal sediment basin. The runoff from the higher elevation and from cell CC4 caused multiple gullies in the dirt cover that exposed the landfilled trash. The trash was carried by the runoff flowing southeast to the lower elevation towards the terminal sediment basin and the front entrance.

Many of the landfill's drainage ditches along the haul road became overwhelmed with sediment and rocks. This redirected the runoff onto the haul road and caused trash, water and mud to be discharged out the front gate and onto San Fernando Road.

The situation was worsen by the reduced capacity of the terminal sediment basin from the ongoing construction activity of the berm wall and the quantity of silt and water already in the basin.

Also during the storm, one of the three vertical riser drain structures, in the terminal sediment basin, collapsed causing trash to pass through the down pipe and went offsite into Bull Creek.

Several smaller erosional rills with exposed trash in the daily cover were observed along the slopes of cell CC3 and cell CC4. The storm water carried a small quantity of waste out over the adjacent benches and slopes. No waste from section CC3 of the landfill appeared to have left the site.

The operator must take immediate action to prevent further erosion of the landfill cover and the release of trash offsite. The drainage ditches must be cleared of debris, repaired and/or upgraded and maintained so that runoff will be contained within and flow into the sedimentation basins and not onto the adjacent public roads.

Disposal Facility (Site) Inspection Report (52)
Sunshine Canyon City/County Landfill (19-AA-2000)
1/31/2023

Areas of Concern

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.

During this month storm events, two large ponds formed on the South City filled area. One of the ponds had been pumped out, but the other pond remain by the end of this observation period.

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 2023 January.

Violations were noted for erosion and litter controls.

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

During this observation period, the asphalt-lined road leading to the wet weather working face, in the CC4 Part-1 & 2 area, was in use during and immediately after storm events. When the onsite condition became dry and safe enough, dumping resumed in the larger cell of the CC4 Part-4 area.

The spotters were directing traffic during this observation period.

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 bird control measures were in place to control the birds.

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 1.1% and 205R-D 2.1%.

The excavation of the Terminal Basin and the construction of the berm wall and a new haul road near the front of the landfill were halted during and after the rainstorms. During the dry days, some construction activity continued during this observation period. A spotter was present and road signs were posted and visible to the drivers on the current haul road. The construction did not significantly affect the normal traffic flow in and out of the landfill, or

Disposal Facility (Site) Inspection Report (52)
Sunshine Canyon City/County Landfill (19-AA-2000)
1/31/2023

caused on-site safety hazards as of this observation period.

No Attachments

APPENDIX C

WEEKLY GRID INSPECTION LOGS

JANUARY 2023

[illegible]

Sunshine City Integrated

JANUARY WEEKLY GRID INSPECTION LOG

[illegible]

[illegible]

Enclosure 2

March 15, 2023

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 – February 2023

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 February 2023 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.
- SCL has submitted an application for a variance to the SCAQMD for operating Flare 9 after the last source test exceeded limits. However, a new source test was performed on 1/6/2023 and passed all parameter limits. The final source test report was submitted to the Air District within 60 days of the test and the application for a variance was rescinded. All flares operate in accordance with the site's Title V permit.

- 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 February 2023.

Please do not hesitate to contact me if you have any questions,
Sincerely,

Jacob Friedman

Jacob Friedman
Environmental Specialist
Sunshine Canyon Landfill

Appendix A – February 2023 Hourly Weather Data

Appendix B – February 2023 Facility Inspection Report

Appendix C – February 2023 Weekly Grid Inspections



SUNSHINE CANYON LANDFILL MONTHLY ACTIVITY REPORT

February 2023

Location/System	Activity	Date		Actions Taken or Comments
		Start	End	
Environmental Control Systems				
New or replaced vacuum laterals	Installation of new vacuum laterals	2/1/2023	2/28/2023	Continued improvement of the sites GCCS infrastructure.
Drainage facilities	Routine maintenance	2/1/2023	2/28/2023	
Groundwater control monitoring systems	Groundwater samples were collected and Q4 data was reviewed	2/1/2023	2/28/2023	
Surface water control systems	Routine site maintenance	2/1/2023	2/28/2023	Post rain maintenance and track walking and Sediment Basin Cleanout
Leachate control system	Installation or repair of pumps in vertical gas wells	2/1/2023	2/28/2023	
Sewer system	No breakdowns or shutdowns	2/1/2023	2/28/2023	
Breakdowns, Malfunctions, Temporary Shutdowns of Any Permanent or Temporary Environmental Control System				
Special Occurrence - Reported in Monthly LEA Report	NOV Issued	2/2/2023	2/2/2023	On Friday 2/3/23, Sunshine Canyon Landfill received a Notice of Violation for alleged odor complaints. The complaints were received on Thursday 2/2/23.
Special Occurrence - Reported in Monthly LEA Report	2 NOVs Issued by LEA	2/3/2023	2/3/2023	On Friday 2/3/23, Sunshine Canyon Landfill received two Notices of Violation from the Local Enforcement Agency (LEA) for Litter Control and Drainage and Erosion Control. These violations were included in the January Disposal Facility Inspection Report which was completed 1/31/23.
Special Occurrence - Reported in Monthly LEA Report	NOV Issued	2/6/2023	2/6/2023	On Tuesday 2/7/23, Sunshine Canyon Landfill received a Notice of Violation for alleged odor complaints. The complaints were received on Thursday 2/6/23.
Special Occurrence - Reported in Monthly LEA Report	NOV Issued	2/7/2023	2/7/2023	On Saturday (1/7/23) Sunshine Canyon Landfill received a Notice of Violation for alleged odor complaints.
Special Occurrence - Reported in Monthly LEA Report	Truck Fire	2/7/2023	2/7/2023	Today, Tuesday (2/7/23), at approximately 1:00 pm, a walking floor truck arrived on site with a fire in its trash load. Operations was notified and the load was moved to a designated area where the fire was quickly extinguished. There was no reports of any injuries or damage to the site or equipment.
Special Occurrence - Reported in Monthly LEA Report	Radiation Load	2/9/2023	2/9/2023	Thursday, (2/9/23) at 8:05 am we received a radiation load from Ecology (Compton Transfer Station) which has been quarantined and waiting to be cleared by LA County Department of Public Health Radiation Management Division. The radiation load was cleared on 2/9/2023.
Special Occurrence - Reported in Monthly LEA Report	Radiation Load	2/9/2023	2/9/2023	Thursday, (2/9/23) at 8:25 am we received a radiation load from RCS Trucking (Yeshua Truck) which has been quarantined and waiting to be cleared by LA County Department of Public Health Radiation Management Division. The radiation load was cleared on 2/9/2023.

Special Occurrence - Reported in Monthly LEA Report	Narcotics Load	2/9/2023	2/9/2023	Thursday (2/9/23) at 9:03 am the police brought their special waste load weighing in at 5.76 tons for disposal.
Special Occurrence - Reported in Monthly LEA Report	NOV Issued	2/10/2023	2/10/2023	On Friday (2/10/23) Sunshine Canyon received a Notice of Violation for alleged odors on 2/3/2023.
Special Occurrence - Reported in Monthly LEA Report	Helicopter Landing	2/15/2023	2/15/2023	Wednesday (2/15/23) at 9:22 AM, site personnel witnessed Los Angeles County Fire Department land a helicopter on the helipads in City South.
Special Occurrence - Reported in Monthly LEA Report	NOV Issued	2/17/2023	2/17/2023	Friday 2/17/2023 Sunshine Canyon Landfill received a Notice of Violation for alleged odors on 2/15/2023. The NOV was issued by SCAQMD.
Special Occurrence - Reported in Monthly LEA Report	Radiation Load	2/21/2023	2/22/2023	Tuesday (2/21/23) at 4:04 PM Sunshine Canyon received a radiation load from Ecology Transport (East LA Transfer Station) which has been quarantined and waiting to be cleared by LA County Department of Public Health Radiation Management Division. The radiation load from Tuesday (2/21/23) has been cleared by LA County Department of Public Health Radiation Management Division in 2/22/23.
Special Occurrence - Reported in Monthly LEA Report	NOV Issued	2/23/2023	2/23/2023	On 2/23/23 Sunshine Canyon received an NOV from SCAQMD for alleged odors on 2/18/23.
Special Occurrence - Reported in Monthly LEA Report	NOV Issued	2/23/2023	2/23/2023	On 2/23/23 Sunshine Canyon received an NOV from SCAQMD for alleged odors on 2/20/23.
Special Occurrence - Reported in Monthly LEA Report	Radiation Load	2/24/2023	2/24/2023	Friday, (2/24/23) at 10:26 am we received a radiation load from City of L.A. Sanitation (West Valley) which has been quarantined and waiting to be cleared by LA County Department of Public Health Radiation Management Division. The radiation load was cleared by LA County Department of Public Health the same day (2/24/23).
Special Occurrence - Reported in Monthly LEA Report	Radiation Load	2/24/2023	2/24/2023	Friday, (2/24/23) at 11:10 am we received a radiation load from Sun Valley Hauling (Stericycle #26) which has been quarantined and waiting to be cleared by LA County Department of Public Health Radiation Management Division. The radiation load was cleared by LA County Department of Public Health the same day (2/24/23).
Special Occurrence - Reported in Monthly LEA Report	Radiation Load	2/25/2023	3/1/2023	Saturday, (2/25/23) at 11:10 am we received a radiation load from Sun Valley Hauling which has been quarantined and waiting to be cleared by LA County Department of Public Health Radiation Management Division. The radiation load was cleared by LA County Department of Public Health on Wednesday (3/1/2023).
Cover Inspections				

Please refer to Daily Cover Inspection Log. Daily inspections were conducted.							
Results of February 2023 SCAQMD Rule 1150.1 Surface Emission Monitoring							
	City		County				For February 2023 surface emission monitoring, all exceedances were cleared within the first 10-day.
	# Grids Monitored	# of Grids with Exceedances	# Grids Monitored	# of Grids with Exceedances			
	Instantaneous SEM	233	6	177	12		
Integrated SEM	233	2	177	2			

APPENDIX A

FEBRUARY 2023 HOURLY WEATHER DATA

TIMESTAMP	Wind Speed	Temperature	Barometric Pressure	Rain Gage	Direction
2/1/2023 0:00	24.56	46.39	28.08793	0	NNW
2/1/2023 1:00	21.46	46.45	28.0838	0	NNW
2/1/2023 2:00	19.12	45.07	28.08956	0	NNW
2/1/2023 3:00	22.14	45.45	28.08243	0	NW
2/1/2023 4:00	19.91	45.72	28.08025	0	NW
2/1/2023 5:00	19.28	46.68	28.071	0	NW
2/1/2023 6:00	17.58	47.15	28.08716	0	NW
2/1/2023 7:00	20.17	46.85	28.0896	0	NW
2/1/2023 8:00	18.3	45.62	28.11154	0	NW
2/1/2023 9:00	15.99	47.91	28.12664	0	NW
2/1/2023 10:00	13.23	52.8	28.14318	0	NNW
2/1/2023 11:00	19.77	56.18	28.14448	0	N
2/1/2023 12:00	26.38	57.42	28.1222	0	N
2/1/2023 13:00	17.82	58.92	28.1079	0	N
2/1/2023 14:00	18.57	60.09	28.09188	0	N
2/1/2023 15:00	23.61	60.59	28.06759	0	N
2/1/2023 16:00	21.84	60.4	28.08359	0	N
2/1/2023 17:00	21.04	59.52	28.09587	0	N
2/1/2023 18:00	20.57	58.46	28.10704	0	N
2/1/2023 19:00	15.57	56.79	28.12892	0	NNW
2/1/2023 20:00	16.1	54.35	28.14425	0	NNW
2/1/2023 21:00	18.15	53.12	28.15433	0	NNW
2/1/2023 22:00	14.28	52.74	28.17636	0	NW
2/1/2023 23:00	17.41	51.97	28.18352	0	NNW
2/2/2023 0:00	17.9	52.3	28.18324	0	NNW
2/2/2023 1:00	16.05	52.06	28.19002	0	NNW
2/2/2023 2:00	15.53	51.6	28.19168	0	NW
2/2/2023 3:00	12.37	51.46	28.19879	0	NW
2/2/2023 4:00	8.68	50.83	28.19593	0	NW
2/2/2023 5:00	10.72	50.63	28.20229	0	NW
2/2/2023 6:00	9.12	49.8	28.21637	0	NW
2/2/2023 7:00	7.766	49.69	28.22888	0	NW
2/2/2023 8:00	10.47	49.61	28.24557	0	NW
2/2/2023 9:00	11.78	52.2	28.27226	0	NNW
2/2/2023 10:00	11.95	54.38	28.29052	0	NNW
2/2/2023 11:00	10.26	57.23	28.30096	0	NNW
2/2/2023 12:00	10.19	58.99	28.28506	0	NNW
2/2/2023 13:00	7.735	60.95	28.25849	0	NW
2/2/2023 14:00	5.668	63.34	28.23877	0	NW
2/2/2023 15:00	5.58	63.56	28.22504	0	NNW
2/2/2023 16:00	6.515	63.11	28.22127	0	NW
2/2/2023 17:00	7.259	61.03	28.23347	0	WNW
2/2/2023 18:00	7.841	57.83	28.24152	0	WNW
2/2/2023 19:00	8.82	55.44	28.24095	0	NW
2/2/2023 20:00	9.64	54.16	28.23553	0	NW
2/2/2023 21:00	9.09	54.55	28.23599	0	NW

2/2/2023 22:00	10.63	53.58	28.24625	0	NW
2/2/2023 23:00	11.23	53.58	28.23938	0	NW
2/3/2023 0:00	14.63	54.15	28.22882	0	NNW
2/3/2023 1:00	12.32	53.98	28.20697	0	NW
2/3/2023 2:00	10.97	53.13	28.20056	0	NW
2/3/2023 3:00	10.96	52.35	28.19301	0	NW
2/3/2023 4:00	10.18	51.97	28.18955	0	NW
2/3/2023 5:00	12.17	51.51	28.1868	0	NNW
2/3/2023 6:00	13.3	50.95	28.19235	0	NW
2/3/2023 7:00	16.88	51.22	28.19551	0	NNW
2/3/2023 8:00	16.09	51.82	28.19904	0	NW
2/3/2023 9:00	12.97	52.29	28.20551	0	NNW
2/3/2023 10:00	10.2	54.81	28.21001	0	NNW
2/3/2023 11:00	12.1	58	28.21856	0	NNW
2/3/2023 12:00	10.61	59.78	28.20703	0	NW
2/3/2023 13:00	9.09	62.42	28.16962	0	NNW
2/3/2023 14:00	5.715	64.97	28.14423	0	NW
2/3/2023 15:00	4.457	66.71	28.12484	0	NNW
2/3/2023 16:00	3.018	66.08	28.1084	0	S
2/3/2023 17:00	4.149	63.55	28.10938	0	SW
2/3/2023 18:00	2.24	60.19	28.1205	0	SW
2/3/2023 19:00	3.023	57.44	28.13355	0	NE
2/3/2023 20:00	6.41	55.52	28.13418	0	NW
2/3/2023 21:00	8.89	54.79	28.136	0	NW
2/3/2023 22:00	10.98	53.5	28.13689	0	NW
2/3/2023 23:00	13.03	52.21	28.14095	0	NNW
2/4/2023 0:00	11.63	51.51	28.13736	0	NNW
2/4/2023 1:00	11.67	51.13	28.13002	0	NNW
2/4/2023 2:00	11.47	51.2	28.1247	0	NNW
2/4/2023 3:00	11.71	51.18	28.11544	0	NW
2/4/2023 4:00	10.63	51.52	28.10797	0	NW
2/4/2023 5:00	10.52	48.36	28.10291	0	NW
2/4/2023 6:00	8.8	49.82	28.10363	0	NW
2/4/2023 7:00	14.38	50.87	28.11502	0	NW
2/4/2023 8:00	11.42	51.52	28.12468	0	NW
2/4/2023 9:00	14.02	53.12	28.12773	0	NNW
2/4/2023 10:00	12.05	57.79	28.13275	0	NNW
2/4/2023 11:00	9.32	61.73	28.14264	0	NNW
2/4/2023 12:00	4.703	66.21	28.13605	0	ESE
2/4/2023 13:00	6.085	66.98	28.11686	0	SSE
2/4/2023 14:00	6.727	68.03	28.09308	0	SSE
2/4/2023 15:00	8.33	67.92	28.07655	0	S
2/4/2023 16:00	8.65	67.23	28.06896	0	SW
2/4/2023 17:00	9.49	64.48	28.07609	0	WSW
2/4/2023 18:00	10.38	61.95	28.10008	0	WSW
2/4/2023 19:00	3.664	59.44	28.11237	0	S
2/4/2023 20:00	5.318	56.61	28.12294	0	SSE

2/4/2023 21:00	3.975	54.92	28.13116	0	ESE
2/4/2023 22:00	5.13	53.73	28.13862	0	SE
2/4/2023 23:00	4.512	53.47	28.141	0	SSE
2/5/2023 0:00	5.367	51.32	28.14024	0	SSE
2/5/2023 1:00	3.134	49.42	28.13752	0	SSE
2/5/2023 2:00	4.978	48.15	28.13182	0	SE
2/5/2023 3:00	5.66	48.59	28.12818	0	SE
2/5/2023 4:00	5.853	49.02	28.12002	0.06	SE
2/5/2023 5:00	5.334	49.62	28.11506	0.1	S
2/5/2023 6:00	6.622	49.98	28.11995	0.01	SSE
2/5/2023 7:00	6.297	49.85	28.12836	0.01	SSE
2/5/2023 8:00	4.442	50.09	28.14487	0	SE
2/5/2023 9:00	3.829	50.48	28.15484	0	SE
2/5/2023 10:00	4.435	52.16	28.17181	0	NNE
2/5/2023 11:00	8.46	54.71	28.17763	0	NNW
2/5/2023 12:00	7.976	56.89	28.15996	0	NNW
2/5/2023 13:00	3.83	59.26	28.1316	0	NW
2/5/2023 14:00	4.454	58.18	28.10828	0	SW
2/5/2023 15:00	7.132	59.91	28.08638	0	SW
2/5/2023 16:00	7.4	58.92	28.08052	0	W
2/5/2023 17:00	8	57.02	28.07961	0	W
2/5/2023 18:00	10.16	53.85	28.08027	0	WNW
2/5/2023 19:00	15.38	52.31	28.08244	0	NNW
2/5/2023 20:00	22.65	49.66	28.08449	0	NW
2/5/2023 21:00	26.09	47.78	28.09029	0	NW
2/5/2023 22:00	28.51	47.04	28.09979	0	NW
2/5/2023 23:00	31.74	45.44	28.10572	0	NW
2/6/2023 0:00	31.49	44.89	28.10111	0	NNW
2/6/2023 1:00	31.09	45.08	28.09023	0	NNW
2/6/2023 2:00	32.41	44.77	28.09156	0	NNW
2/6/2023 3:00	30.64	44.36	28.08559	0	NW
2/6/2023 4:00	28.48	44.06	28.099	0	NW
2/6/2023 5:00	30.72	43.65	28.10835	0	NW
2/6/2023 6:00	26.36	43.52	28.13935	0	NW
2/6/2023 7:00	22.04	43.44	28.16226	0	NW
2/6/2023 8:00	20.5	43.88	28.17957	0	NW
2/6/2023 9:00	20.03	45.22	28.18031	0	NNW
2/6/2023 10:00	16.3	48.02	28.19585	0	NNW
2/6/2023 11:00	18.12	52.29	28.20266	0	N
2/6/2023 12:00	23.58	54.14	28.18357	0	N
2/6/2023 13:00	23.12	56.21	28.15926	0	N
2/6/2023 14:00	22.33	57.49	28.13648	0	N
2/6/2023 15:00	18.29	58.16	28.13146	0	N
2/6/2023 16:00	20.43	58.66	28.12709	0	N
2/6/2023 17:00	18.23	57.65	28.12495	0	NNW
2/6/2023 18:00	20.2	53.11	28.13402	0	NW
2/6/2023 19:00	16.47	49.88	28.1498	0	NW

2/6/2023 20:00	18.58	48.98	28.16294	0	NW
2/6/2023 21:00	16.19	49.1	28.17011	0	NW
2/6/2023 22:00	14.94	50.55	28.17745	0	NNW
2/6/2023 23:00	14.97	50.73	28.18661	0	NNW
2/7/2023 0:00	16.67	50.85	28.1863	0	NNW
2/7/2023 1:00	16.66	50.9	28.19079	0	NNW
2/7/2023 2:00	18.47	50.83	28.19265	0	N
2/7/2023 3:00	16.7	49.62	28.19649	0	N
2/7/2023 4:00	15.05	49.58	28.19796	0	NNW
2/7/2023 5:00	15.38	49.68	28.19389	0	NNW
2/7/2023 6:00	20.72	49.49	28.1961	0	NW
2/7/2023 7:00	24.31	48.86	28.21219	0	NW
2/7/2023 8:00	22.81	50.17	28.2314	0	NW
2/7/2023 9:00	20.31	52.47	28.23713	0	NNW
2/7/2023 10:00	20.9	56.24	28.24729	0	N
2/7/2023 11:00	23.42	57.91	28.24945	0	N
2/7/2023 12:00	22.46	58.76	28.24207	0	N
2/7/2023 13:00	26.85	60.13	28.20443	0	N
2/7/2023 14:00	24.27	60.84	28.18382	0	N
2/7/2023 15:00	18.7	61.72	28.17993	0	N
2/7/2023 16:00	18.26	62.1	28.17745	0	N
2/7/2023 17:00	17.15	61.69	28.1746	0	N
2/7/2023 18:00	16.11	60.03	28.18378	0	NNW
2/7/2023 19:00	18.38	57.6	28.18069	0	NNW
2/7/2023 20:00	18.86	56.27	28.19	0	NNW
2/7/2023 21:00	16.65	55.77	28.19533	0	NNW
2/7/2023 22:00	9.14	53.98	28.21	0	NNW
2/7/2023 23:00	12.14	53.35	28.20911	0	NNW
2/8/2023 0:00	16.07	54.56	28.2069	0	N
2/8/2023 1:00	20.08	54.94	28.1981	0	N
2/8/2023 2:00	21.27	54.77	28.18914	0	N
2/8/2023 3:00	21.35	55.3	28.18112	0	N
2/8/2023 4:00	18.08	54.21	28.18201	0	N
2/8/2023 5:00	15.96	53.47	28.18473	0	NNW
2/8/2023 6:00	14.11	53.57	28.18924	0	NNW
2/8/2023 7:00	15.02	53.82	28.19931	0	NNW
2/8/2023 8:00	15.57	54.43	28.21642	0	NW
2/8/2023 9:00	19.96	55.36	28.22843	0	NW
2/8/2023 10:00	21.73	57.27	28.23403	0	NW
2/8/2023 11:00	21.36	60.85	28.22979	0	NNW
2/8/2023 12:00	18.08	63.97	28.22227	0	N
2/8/2023 13:00	14.96	66.86	28.20206	0	NNE
2/8/2023 14:00	13.21	68.16	28.17694	0	N
2/8/2023 15:00	15.04	68.96	28.16291	0	N
2/8/2023 16:00	12.56	68.97	28.15994	0	NNE
2/8/2023 17:00	10.79	68.18	28.15446	0	N
2/8/2023 18:00	9.3	65.82	28.16331	0	NNW

2/8/2023 19:00	12.84	64.21	28.17196	0	NNW
2/8/2023 20:00	13.98	61.39	28.18257	0	NW
2/8/2023 21:00	14.36	59.57	28.18327	0	NW
2/8/2023 22:00	17	59	28.17603	0	NNW
2/8/2023 23:00	16.89	59.06	28.17939	0	NNW
2/9/2023 0:00	12.08	57.25	28.18665	0	NNW
2/9/2023 1:00	16.26	58.67	28.18031	0	NNW
2/9/2023 2:00	16.89	58.58	28.17926	0	NNW
2/9/2023 3:00	13.98	56.5	28.1797	0	NNW
2/9/2023 4:00	15.93	58.04	28.17562	0	NNW
2/9/2023 5:00	17.13	58.34	28.17871	0	NNW
2/9/2023 6:00	18.41	59.04	28.18297	0	NNW
2/9/2023 7:00	17.11	57.53	28.19678	0	NNW
2/9/2023 8:00	17.82	57.88	28.20393	0	NNW
2/9/2023 9:00	21.04	59.23	28.20963	0	NNW
2/9/2023 10:00	18.88	61.75	28.22336	0	NW
2/9/2023 11:00	19.5	65.6	28.21775	0	NNW
2/9/2023 12:00	22.07	67.29	28.20594	0	N
2/9/2023 13:00	20.17	67.82	28.19511	0	N
2/9/2023 14:00	20.89	68.18	28.17736	0	N
2/9/2023 15:00	21.46	69.01	28.16411	0	N
2/9/2023 16:00	22.49	68.69	28.15841	0	N
2/9/2023 17:00	21.59	67.58	28.15885	0	N
2/9/2023 18:00	17	65.84	28.18083	0	N
2/9/2023 19:00	15.38	63.71	28.19426	0	NNW
2/9/2023 20:00	11.77	61.98	28.20703	0	NNW
2/9/2023 21:00	15.21	60.93	28.21043	0	NW
2/9/2023 22:00	21.9	59.92	28.20538	0	NW
2/9/2023 23:00	25.32	58.83	28.19419	0	NW
2/10/2023 0:00	28.43	57.35	28.19206	0	NW
2/10/2023 1:00	28.19	56.69	28.18351	0	NW
2/10/2023 2:00	29.41	55.28	28.17033	0	NNW
2/10/2023 3:00	31.43	54.7	28.15452	0	NW
2/10/2023 4:00	30.28	53.93	28.13747	0	NW
2/10/2023 5:00	30.32	53.75	28.12778	0	NW
2/10/2023 6:00	29.22	53.8	28.12551	0	NW
2/10/2023 7:00	29.17	53.86	28.12236	0	NW
2/10/2023 8:00	28.84	54.57	28.13151	0	NW
2/10/2023 9:00	29.22	55.59	28.13713	0	NW
2/10/2023 10:00	29.01	58.56	28.13236	0	NNW
2/10/2023 11:00	26.71	60.84	28.13355	0	NNW
2/10/2023 12:00	22.02	62.23	28.1256	0	N
2/10/2023 13:00	17.94	63.09	28.10169	0	NNW
2/10/2023 14:00	17.93	64.43	28.06922	0	NNW
2/10/2023 15:00	15.69	65.29	28.0491	0	NNW
2/10/2023 16:00	14.22	65.72	28.03749	0	NNW
2/10/2023 17:00	13.93	64.26	28.03092	0	NW

2/10/2023 18:00	13.74	61.45	28.02816	0	NW
2/10/2023 19:00	10.28	60.3	28.02723	0	NW
2/10/2023 20:00	7.18	57.78	28.0266	0	NW
2/10/2023 21:00	9.1	56.8	28.01971	0	NW
2/10/2023 22:00	9.72	55.97	28.01321	0	NNW
2/10/2023 23:00	12.37	56.55	27.99526	0	NNW
2/11/2023 0:00	7.029	55.76	27.97779	0	NW
2/11/2023 1:00	3.877	55.8	27.95312	0	NNW
2/11/2023 2:00	3.939	53.06	27.93286	0	NNW
2/11/2023 3:00	4.642	53.33	27.91159	0	NW
2/11/2023 4:00	8.28	51.84	27.89999	0	NW
2/11/2023 5:00	7.369	49.19	27.88355	0	NW
2/11/2023 6:00	5.717	48.73	27.87364	0	NW
2/11/2023 7:00	2.194	50.19	27.86261	0	SSW
2/11/2023 8:00	1.633	50.33	27.87034	0	SE
2/11/2023 9:00	9.21	49.57	27.87175	0	ESE
2/11/2023 10:00	13.52	48.43	27.86028	0	SE
2/11/2023 11:00	12.39	50	27.86772	0	SSE
2/11/2023 12:00	16.42	52.52	27.85232	0	SE
2/11/2023 13:00	14.02	52.24	27.8353	0	SE
2/11/2023 14:00	12.49	52.08	27.82343	0	SSE
2/11/2023 15:00	11.96	52.47	27.8188	0	SSE
2/11/2023 16:00	8.95	51.69	27.81921	0	SSE
2/11/2023 17:00	9.42	50.38	27.8224	0	SSE
2/11/2023 18:00	6.258	48.65	27.835	0	SSW
2/11/2023 19:00	5.124	45.94	27.84895	0	S
2/11/2023 20:00	7.019	45.16	27.86532	0	SSE
2/11/2023 21:00	7.303	43.99	27.87792	0	S
2/11/2023 22:00	5.065	43.17	27.88829	0	S
2/11/2023 23:00	5.522	43.21	27.88784	0	S
2/12/2023 0:00	5.051	42.76	27.88949	0	S
2/12/2023 1:00	3.549	41.88	27.8903	0	NNW
2/12/2023 2:00	6.71	41.76	27.88012	0	NW
2/12/2023 3:00	7.618	41.76	27.87256	0	NNW
2/12/2023 4:00	7.302	41.92	27.86528	0	NW
2/12/2023 5:00	8.4	41.22	27.85425	0	NW
2/12/2023 6:00	10.18	39.9	27.84835	0	NW
2/12/2023 7:00	7.195	40.51	27.85437	0	NW
2/12/2023 8:00	11.16	41.16	27.85899	0	NNW
2/12/2023 9:00	13.66	43.57	27.86298	0	NNW
2/12/2023 10:00	12.8	46.22	27.86559	0	NNW
2/12/2023 11:00	14.75	49.11	27.86183	0	NW
2/12/2023 12:00	16.16	51.95	27.84127	0	NNW
2/12/2023 13:00	17.17	53.69	27.80817	0	NW
2/12/2023 14:00	11.72	56.99	27.7913	0	N
2/12/2023 15:00	7.026	55.64	27.78916	0	SE
2/12/2023 16:00	6.237	53.56	27.79469	0	SE

2/12/2023 17:00	7.23	51.2	27.80168	0	SE
2/12/2023 18:00	8.43	48.77	27.80938	0	SSE
2/12/2023 19:00	8.46	46.8	27.81771	0	SSE
2/12/2023 20:00	7.865	45.61	27.83203	0	SSE
2/12/2023 21:00	5.043	44.92	27.82513	0	S
2/12/2023 22:00	5.711	44.34	27.82829	0	S
2/12/2023 23:00	10.18	44.93	27.79939	0	NW
2/13/2023 0:00	14.55	44.8	27.80515	0	NE
2/13/2023 1:00	9.55	44.08	27.83754	0	SE
2/13/2023 2:00	10.92	44.4	27.839	0	SSE
2/13/2023 3:00	7.792	43.69	27.83939	0	SSE
2/13/2023 4:00	3.83	43.18	27.82737	0	ESE
2/13/2023 5:00	3.155	43.3	27.83539	0	SSE
2/13/2023 6:00	3.58	43.16	27.84321	0	S
2/13/2023 7:00	2.983	43	27.87082	0	SW
2/13/2023 8:00	3.401	44.69	27.89471	0	SE
2/13/2023 9:00	4.902	46.4	27.90847	0	SE
2/13/2023 10:00	5.464	47.94	27.91964	0	SSE
2/13/2023 11:00	4.982	50.38	27.92353	0	S
2/13/2023 12:00	5.643	52.82	27.9113	0	S
2/13/2023 13:00	7.531	54.11	27.89102	0	S
2/13/2023 14:00	8.02	54.55	27.88347	0	S
2/13/2023 15:00	8.2	55.39	27.87808	0	SSE
2/13/2023 16:00	8.75	54.72	27.8786	0	SSE
2/13/2023 17:00	8.85	51.77	27.89064	0	SSE
2/13/2023 18:00	7.095	50.05	27.89625	0	S
2/13/2023 19:00	7.541	48.81	27.90387	0	SSW
2/13/2023 20:00	6.175	47.94	27.91455	0	S
2/13/2023 21:00	5.966	47.22	27.92515	0	SSW
2/13/2023 22:00	6.063	47.43	27.93116	0	S
2/13/2023 23:00	9.17	47.64	27.92766	0	SSW
2/14/2023 0:00	8.05	47.64	27.92697	0	SSW
2/14/2023 1:00	8.61	47.53	27.91742	0	S
2/14/2023 2:00	11.29	47.39	27.91688	0	SSW
2/14/2023 3:00	8.99	46.6	27.90648	0	SSW
2/14/2023 4:00	5.481	46.05	27.89906	0	W
2/14/2023 5:00	4.241	45.15	27.88229	0	SE
2/14/2023 6:00	7.489	43.85	27.87082	0	SSE
2/14/2023 7:00	4.522	43.65	27.87232	0	S
2/14/2023 8:00	0.874	43.94	27.87958	0	ESE
2/14/2023 9:00	2.453	44.96	27.87802	0	SE
2/14/2023 10:00	8.18	46.52	27.87488	0	NNW
2/14/2023 11:00	9.8	48.69	27.86326	0	N
2/14/2023 12:00	9.07	50.68	27.84078	0	NNW
2/14/2023 13:00	8.34	51.37	27.80218	0	N
2/14/2023 14:00	8.22	51.28	27.77129	0	NNW
2/14/2023 15:00	16.26	49.87	27.75883	0	NNW

2/14/2023 16:00	21.76	48.12	27.76265	0	NNW
2/14/2023 17:00	26.86	46.92	27.75779	0	NNW
2/14/2023 18:00	27.42	45.3	27.75862	0	NNW
2/14/2023 19:00	28.64	44.31	27.76566	0	NNW
2/14/2023 20:00	21.46	43.04	27.80406	0	NNW
2/14/2023 21:00	17.67	41.64	27.82251	0	NW
2/14/2023 22:00	18.63	40.33	27.84007	0	NNW
2/14/2023 23:00	16.59	37.94	27.86303	0	NW
2/15/2023 0:00	20.41	36.92	27.87302	0	NW
2/15/2023 1:00	17.01	36.57	27.8958	0	NW
2/15/2023 2:00	15.52	36.95	27.91148	0	NNW
2/15/2023 3:00	12.24	37.03	27.93033	0	NW
2/15/2023 4:00	12.32	36.99	27.93769	0	NW
2/15/2023 5:00	13.71	36.61	27.95442	0	NW
2/15/2023 6:00	12.08	35.52	27.98094	0	NNW
2/15/2023 7:00	12.6	35.46	28.00384	0	N
2/15/2023 8:00	12.62	36.47	28.03296	0	NNW
2/15/2023 9:00	14.13	38.91	28.07244	0	N
2/15/2023 10:00	14.61	41.71	28.10367	0	NNE
2/15/2023 11:00	16.7	44.92	28.12125	0	N
2/15/2023 12:00	20.25	47.92	28.11717	0	NNE
2/15/2023 13:00	19.79	49	28.1059	0	NNE
2/15/2023 14:00	18.3	50.69	28.09261	0	NE
2/15/2023 15:00	16.27	51.83	28.08928	0	NE
2/15/2023 16:00	13.19	52.57	28.09064	0	NNE
2/15/2023 17:00	14.94	52.96	28.08935	0	N
2/15/2023 18:00	9.68	52.05	28.10598	0	N
2/15/2023 19:00	6.571	49.39	28.12864	0	N
2/15/2023 20:00	6.464	46.78	28.14605	0	NW
2/15/2023 21:00	8.54	44.33	28.16221	0	NNW
2/15/2023 22:00	11.46	43.72	28.17512	0	NNW
2/15/2023 23:00	13.18	43.86	28.18505	0	NW
2/16/2023 0:00	15.36	43.79	28.19692	0	NW
2/16/2023 1:00	12.6	43.68	28.19994	0	NNW
2/16/2023 2:00	11.36	44.4	28.19743	0	NNW
2/16/2023 3:00	7.661	42.58	28.1961	0	NW
2/16/2023 4:00	11.49	41.77	28.18074	0	NW
2/16/2023 5:00	11.08	42.03	28.18757	0	NW
2/16/2023 6:00	15.97	42.6	28.18917	0	NW
2/16/2023 7:00	21.02	42.08	28.19609	0	NNW
2/16/2023 8:00	15.88	41.64	28.21825	0	NW
2/16/2023 9:00	15.59	44.1	28.22402	0	NNW
2/16/2023 10:00	21.3	47.9	28.21461	0	NNW
2/16/2023 11:00	22.2	50.43	28.21125	0	N
2/16/2023 12:00	20.85	51.41	28.19865	0	N
2/16/2023 13:00	20.87	52.43	28.1717	0	N
2/16/2023 14:00	19.29	53.18	28.14404	0	N

2/16/2023 15:00	18.77	54.37	28.12318	0	N
2/16/2023 16:00	16.75	54.55	28.11496	0	N
2/16/2023 17:00	17.5	53.81	28.11289	0	N
2/16/2023 18:00	14.19	52.48	28.11143	0	N
2/16/2023 19:00	14.21	50.35	28.11267	0	NNW
2/16/2023 20:00	15.71	48.36	28.11315	0	NNW
2/16/2023 21:00	16.69	47.12	28.12087	0	NW
2/16/2023 22:00	17.63	46.46	28.12694	0	NW
2/16/2023 23:00	15.8	45.87	28.12188	0	NW
2/17/2023 0:00	15.45	46.14	28.11727	0	NW
2/17/2023 1:00	20.58	45.12	28.1049	0	NW
2/17/2023 2:00	19.57	44.99	28.09401	0	NW
2/17/2023 3:00	18.35	44.85	28.08359	0	NW
2/17/2023 4:00	19.32	45.31	28.05577	0	NW
2/17/2023 5:00	21.35	45.05	28.03474	0	NW
2/17/2023 6:00	21.05	43.55	28.02331	0	NW
2/17/2023 7:00	21.55	43.38	28.02612	0	NW
2/17/2023 8:00	23.02	43.86	28.02081	0	NW
2/17/2023 9:00	21.11	45.36	28.02546	0	NNW
2/17/2023 10:00	21.42	47.36	28.02947	0	NNW
2/17/2023 11:00	17.22	49.79	28.03088	0	N
2/17/2023 12:00	19.9	52.18	28.0058	0	N
2/17/2023 13:00	23.59	53.54	27.97596	0	NNE
2/17/2023 14:00	24.22	54.7	27.9535	0	NNE
2/17/2023 15:00	22.94	55.55	27.94385	0	NNE
2/17/2023 16:00	22.48	55.49	27.9321	0	NNE
2/17/2023 17:00	23	55.1	27.92351	0	NNE
2/17/2023 18:00	21.94	53.83	27.92705	0	N
2/17/2023 19:00	21.31	52.9	27.93728	0	N
2/17/2023 20:00	20.19	52.42	27.94373	0	N
2/17/2023 21:00	16.26	51.47	27.96283	0	NNW
2/17/2023 22:00	13.48	50.49	27.98346	0	NNW
2/17/2023 23:00	14.37	49.68	27.98951	0	NW
2/18/2023 0:00	16.81	49.38	27.98438	0	NW
2/18/2023 1:00	16.86	49.42	27.98452	0	NW
2/18/2023 2:00	17.59	49.23	27.97184	0	NW
2/18/2023 3:00	20.58	49.63	27.9593	0	NW
2/18/2023 4:00	21.33	49.06	27.9474	0	NW
2/18/2023 5:00	19.84	48.37	27.95048	0	NW
2/18/2023 6:00	19.63	48.24	27.95767	0	NW
2/18/2023 7:00	18.6	47.9	27.97731	0	NW
2/18/2023 8:00	16.29	48.49	27.99657	0	NW
2/18/2023 9:00	16.79	48.65	28.00676	0	NW
2/18/2023 10:00	12.72	50.69	28.01588	0	NW
2/18/2023 11:00	10.63	53.71	28.02076	0	NW
2/18/2023 12:00	5.778	57.23	28.01436	0	NNW
2/18/2023 13:00	6.132	59.22	27.99471	0	NW

2/18/2023 14:00	5.035	59.49	27.98283	0	N
2/18/2023 15:00	4.139	60.75	27.96135	0	N
2/18/2023 16:00	4.31	62.54	27.94257	0	WNW
2/18/2023 17:00	4.006	60.76	27.95604	0	WSW
2/18/2023 18:00	4.885	56.47	27.95916	0	W
2/18/2023 19:00	5.451	53.14	27.96276	0	NNW
2/18/2023 20:00	8.45	50.46	27.96983	0	NNW
2/18/2023 21:00	11.32	49.21	27.97779	0	NNW
2/18/2023 22:00	10.64	48.77	27.99273	0	NW
2/18/2023 23:00	10.01	50.16	28.00105	0	NW
2/19/2023 0:00	12.58	47.44	28.00132	0	NNW
2/19/2023 1:00	12.24	47.17	27.99045	0	NNW
2/19/2023 2:00	13.48	46.78	27.97782	0	NNW
2/19/2023 3:00	15.23	49.86	27.97014	0	NW
2/19/2023 4:00	18.1	49.86	27.95835	0	NNW
2/19/2023 5:00	19.66	48.91	27.95386	0	NNW
2/19/2023 6:00	23.99	49.53	27.95175	0	NNW
2/19/2023 7:00	21.2	49.26	27.96815	0	NNW
2/19/2023 8:00	18.69	50.01	27.98748	0	NNW
2/19/2023 9:00	13.41	52.43	28.00113	0	NNW
2/19/2023 10:00	5.946	56.09	28.01295	0	N
2/19/2023 11:00	5.906	60.21	28.01394	0	ESE
2/19/2023 12:00	7.189	60.75	28.01731	0	SSE
2/19/2023 13:00	5.358	62.84	28.00712	0	SSE
2/19/2023 14:00	5.515	64.63	27.99004	0	S
2/19/2023 15:00	5.361	64.92	27.97584	0	SSE
2/19/2023 16:00	7.967	62.41	27.97892	0	SSE
2/19/2023 17:00	8.11	60.25	27.99088	0	S
2/19/2023 18:00	10.16	55.51	28.0229	0	SSE
2/19/2023 19:00	9.67	52.32	28.0422	0	SSE
2/19/2023 20:00	7.822	50.46	28.05767	0	SSE
2/19/2023 21:00	2.478	49.59	28.06568	0	SSE
2/19/2023 22:00	7.174	48.98	28.07614	0	NW
2/19/2023 23:00	14.23	48.49	28.07237	0	NNW
2/20/2023 0:00	16.91	48.97	28.05858	0	NNW
2/20/2023 1:00	19.13	49.57	28.05031	0	NW
2/20/2023 2:00	17.93	47.84	28.0526	0	NW
2/20/2023 3:00	14.3	48.42	28.05847	0	NW
2/20/2023 4:00	14.33	48.11	28.04918	0	NW
2/20/2023 5:00	19.81	48.92	28.04214	0	NW
2/20/2023 6:00	16.64	51.51	28.04148	0	NW
2/20/2023 7:00	18.47	51.91	28.04382	0	NNW
2/20/2023 8:00	17.26	53.22	28.06633	0	NNW
2/20/2023 9:00	15.66	56.18	28.07658	0	NNW
2/20/2023 10:00	13.76	60.03	28.07655	0	NNW
2/20/2023 11:00	15.5	64.22	28.06477	0	N
2/20/2023 12:00	9.34	67.03	28.05393	0	ENE

2/20/2023 13:00	6.478	68.6	28.02838	0	ESE
2/20/2023 14:00	6.999	69.34	28.0005	0	E
2/20/2023 15:00	8.06	70.21	27.98172	0	NNW
2/20/2023 16:00	7.178	69.44	27.977	0	SW
2/20/2023 17:00	6.227	66.07	27.97827	0	SW
2/20/2023 18:00	6.405	63.18	27.98319	0	NW
2/20/2023 19:00	3.885	61.77	27.98656	0	S
2/20/2023 20:00	3.182	58.86	27.98925	0	NNW
2/20/2023 21:00	11.63	58.7	27.97896	0	NW
2/20/2023 22:00	13.87	57.79	27.97473	0	NW
2/20/2023 23:00	17.12	58.49	27.95687	0	NNW
2/21/2023 0:00	17.17	57.76	27.94514	0	NNW
2/21/2023 1:00	14.65	57.65	27.93127	0	NNW
2/21/2023 2:00	5.236	56.01	27.92406	0	NE
2/21/2023 3:00	3.294	55.09	27.90437	0	SE
2/21/2023 4:00	6.899	53.34	27.88381	0	SSW
2/21/2023 5:00	6.311	51.33	27.87421	0	S
2/21/2023 6:00	6.686	51.58	27.85845	0	SSW
2/21/2023 7:00	6.234	52.42	27.84922	0	SSW
2/21/2023 8:00	6.053	53.97	27.84419	0	S
2/21/2023 9:00	6.414	55.34	27.8478	0	S
2/21/2023 10:00	9.46	56.53	27.83283	0	SSE
2/21/2023 11:00	11.56	57.58	27.81366	0	SSE
2/21/2023 12:00	12.74	58.06	27.79159	0	SSE
2/21/2023 13:00	11.31	56.87	27.76242	0	SSE
2/21/2023 14:00	12.67	57.31	27.72664	0	SSE
2/21/2023 15:00	15.52	56.43	27.69484	0	SSE
2/21/2023 16:00	15.59	54.07	27.67361	0	SSE
2/21/2023 17:00	16.64	50.68	27.66414	0	SSE
2/21/2023 18:00	15.42	48.89	27.65462	0	SSE
2/21/2023 19:00	14.06	48.28	27.64029	0	SSE
2/21/2023 20:00	14.19	47.67	27.61087	0	SSE
2/21/2023 21:00	9.02	46.34	27.59663	0	S
2/21/2023 22:00	8.84	42.93	27.57661	0	SW
2/21/2023 23:00	4.206	42.06	27.57792	0	N
2/22/2023 0:00	15.6	43.88	27.58976	0	NW
2/22/2023 1:00	15.48	43.04	27.605	0	NW
2/22/2023 2:00	13.18	42.07	27.61939	0	WNW
2/22/2023 3:00	8.32	40.94	27.62463	0	WNW
2/22/2023 4:00	5.21	39.58	27.62961	0	NW
2/22/2023 5:00	8.97	39.63	27.64325	0	NW
2/22/2023 6:00	9.41	39.06	27.66252	0	NW
2/22/2023 7:00	7.721	38.69	27.68748	0	WNW
2/22/2023 8:00	5.613	41.02	27.71994	0	WNW
2/22/2023 9:00	8.27	42.72	27.74567	0	NNW
2/22/2023 10:00	8.57	44.54	27.76968	0	NW
2/22/2023 11:00	8.89	45.59	27.78446	0	NW

2/22/2023 12:00	10.32	46.72	27.78368	0	WNW
2/22/2023 13:00	13.31	45.65	27.77638	0	WSW
2/22/2023 14:00	9.43	39.52	27.77137	0.04	W
2/22/2023 15:00	10.68	44.2	27.7461	0	WSW
2/22/2023 16:00	16.11	43.81	27.75371	0	WSW
2/22/2023 17:00	11.27	42.61	27.76463	0.01	W
2/22/2023 18:00	19.02	41.2	27.76331	0	WSW
2/22/2023 19:00	21.56	40.16	27.77002	0	WSW
2/22/2023 20:00	25.3	39.72	27.78188	0	WSW
2/22/2023 21:00	23.84	39.2	27.80561	0	WSW
2/22/2023 22:00	23.3	38.61	27.82071	0	WSW
2/22/2023 23:00	13.99	38.25	27.84063	0	WSW
2/23/2023 0:00	8.7	37.94	27.85654	0	SW
2/23/2023 1:00	8.5	37.89	27.86163	0	SSW
2/23/2023 2:00	6.006	37.19	27.86748	0	SE
2/23/2023 3:00	5.798	37.12	27.86281	0	SSE
2/23/2023 4:00	3.144	37.26	27.85104	0	S
2/23/2023 5:00	4.836	37.47	27.85585	0	S
2/23/2023 6:00	5.426	36.59	27.86468	0.04	S
2/23/2023 7:00	3.072	35.32	27.87662	0	SE
2/23/2023 8:00	3.317	36.7	27.88813	0.02	SSE
2/23/2023 9:00	2.667	36.68	27.90175	0.04	SSW
2/23/2023 10:00	7.372	40.49	27.91404	0	SE
2/23/2023 11:00	7.131	40.57	27.92054	0.01	SSE
2/23/2023 12:00	7.754	36.93	27.91968	0.04	SSE
2/23/2023 13:00	8.98	38.8	27.90475	0	ESE
2/23/2023 14:00	9.42	40.86	27.88421	0	SE
2/23/2023 15:00	7.558	41.24	27.87878	0	SE
2/23/2023 16:00	9.86	42.4	27.877	0	SSW
2/23/2023 17:00	11.25	39.37	27.89128	0.03	SSW
2/23/2023 18:00	4.601	39.84	27.91049	0	SSE
2/23/2023 19:00	6.437	39.5	27.92227	0	S
2/23/2023 20:00	5.423	38.66	27.93606	0.02	S
2/23/2023 21:00	5.114	38.15	27.94775	0.04	SSW
2/23/2023 22:00	10.14	38.37	27.946	0	SSE
2/23/2023 23:00	10.05	38.2	27.94475	0	SSE
2/24/2023 0:00	9.95	37.48	27.94342	0.09	S
2/24/2023 1:00	13.39	37.63	27.92217	0.08	SSE
2/24/2023 2:00	14.45	37.57	27.91921	0.08	SSE
2/24/2023 3:00	14.02	37.69	27.91472	0.22	SSE
2/24/2023 4:00	14.14	38.01	27.90396	0.16	SSE
2/24/2023 5:00	14.3	38.69	27.90003	0.23	SSE
2/24/2023 6:00	16.01	39.55	27.89735	0.24	SSE
2/24/2023 7:00	19.56	40.88	27.88513	0.08	SE
2/24/2023 8:00	19.94	41.74	27.88935	0.08	SE
2/24/2023 9:00	21.2	42.26	27.88954	0.11	SE
2/24/2023 10:00	22.74	42.25	27.89665	0.17	SSE

2/24/2023 11:00	19.61	42.56	27.90964	0.08	SE
2/24/2023 12:00	18.82	43.48	27.91106	0.1	SE
2/24/2023 13:00	18.88	44.51	27.89048	0.17	SSE
2/24/2023 14:00	18.87	44.88	27.85798	0.17	SSE
2/24/2023 15:00	23.42	45.75	27.82436	0.24	SSE
2/24/2023 16:00	24.49	46.02	27.79976	0.26	SSE
2/24/2023 17:00	26.42	46.13	27.78322	0.35	SSE
2/24/2023 18:00	24.19	46.4	27.76558	0.26	SSE
2/24/2023 19:00	25.07	47.32	27.74944	0.37	SSE
2/24/2023 20:00	25	47.49	27.74768	0.33	SSE
2/24/2023 21:00	30.51	47.62	27.72793	0.29	SSE
2/24/2023 22:00	31.26	47.66	27.7228	0.37	SSE
2/24/2023 23:00	32.72	47.85	27.71109	0.4	SSE
2/25/2023 0:00	20.55	45.19	27.71168	0.49	S
2/25/2023 1:00	9.93	40.7	27.74506	0.21	SSW
2/25/2023 2:00	7.64	40.52	27.76596	0.18	SSE
2/25/2023 3:00	10.76	40.86	27.75728	0.17	SE
2/25/2023 4:00	10.98	40.32	27.7564	0.17	SE
2/25/2023 5:00	8.06	39.56	27.75547	0.13	SE
2/25/2023 6:00	11.76	38.41	27.75715	0.15	SE
2/25/2023 7:00	11.91	37.41	27.77161	0.16	ESE
2/25/2023 8:00	14.62	36.67	27.78558	0.07	SE
2/25/2023 9:00	10.61	35.9	27.83093	0.18	SE
2/25/2023 10:00	6.764	35.94	27.85691	0.01	SE
2/25/2023 11:00	9.81	39.15	27.86672	0	SE
2/25/2023 12:00	15.86	40.54	27.8555	0	SE
2/25/2023 13:00	9.29	38.92	27.8463	0.05	SSE
2/25/2023 14:00	10.33	37.18	27.8554	0.12	SE
2/25/2023 15:00	11.37	37.84	27.8379	0.02	SE
2/25/2023 16:00	7.944	36.04	27.8428	0.06	SE
2/25/2023 17:00	5.317	35.42	27.84138	0	ESE
2/25/2023 18:00	5.132	34.68	27.84328	0.08	SE
2/25/2023 19:00	4.224	34.34	27.85434	0.04	SE
2/25/2023 20:00	2.841	35.42	27.86541	0	ENE
2/25/2023 21:00	2.551	35.67	27.8793	0	NW
2/25/2023 22:00	2.759	35.6	27.88804	0.01	NNW
2/25/2023 23:00	4.856	35.21	27.89441	0	NNW
2/26/2023 0:00	5.834	34.79	27.89964	0.01	NW
2/26/2023 1:00	4.613	34.92	27.90727	0	NW
2/26/2023 2:00	1.629	35.52	27.9134	0	NNW
2/26/2023 3:00	6.026	35.08	27.91291	0	NNW
2/26/2023 4:00	4.686	35.05	27.92422	0	NNW
2/26/2023 5:00	2.965	35.04	27.9407	0	NW
2/26/2023 6:00	3.429	34.99	27.9616	0	NW
2/26/2023 7:00	4.332	34.95	27.97678	0	NW
2/26/2023 8:00	3.929	37.15	28.00491	0	SE
2/26/2023 9:00	4.782	40.02	28.04262	0	E

2/26/2023 10:00	6.069	41.76	28.06489	0	ESE
2/26/2023 11:00	7.448	43.02	28.06946	0	ESE
2/26/2023 12:00	7.769	43.9	28.08039	0	SE
2/26/2023 13:00	6.295	44.63	28.07891	0	SSE
2/26/2023 14:00	6.855	43.83	28.06529	0	SSE
2/26/2023 15:00	7.524	44.17	28.05526	0	SSE
2/26/2023 16:00	7.708	43.31	28.064	0	SSE
2/26/2023 17:00	5.631	43.22	28.07961	0	SSE
2/26/2023 18:00	3.482	42.89	28.07692	0	S
2/26/2023 19:00	4.82	42.13	28.06725	0	S
2/26/2023 20:00	7.59	41.25	28.06831	0	SSW
2/26/2023 21:00	4.996	41.08	28.08556	0	S
2/26/2023 22:00	5.238	40.83	28.10142	0	S
2/26/2023 23:00	6.902	40.47	28.10382	0	SSE
2/27/2023 0:00	4.832	40.11	28.10208	0	SSE
2/27/2023 1:00	4.104	40.11	28.10173	0	S
2/27/2023 2:00	6.539	39.74	28.09282	0	SSE
2/27/2023 3:00	5.786	39.76	28.07444	0	SSW
2/27/2023 4:00	4.6	39.9	28.05597	0	S
2/27/2023 5:00	5.336	40.29	28.05034	0	S
2/27/2023 6:00	5.712	40.26	28.04801	0	SSE
2/27/2023 7:00	7.251	40.25	28.04792	0	SSE
2/27/2023 8:00	7.626	39.21	28.05282	0.03	S
2/27/2023 9:00	11.3	38.87	28.06214	0.14	SSE
2/27/2023 10:00	12.93	39.27	28.06317	0.14	SSE
2/27/2023 11:00	11.36	39.91	28.06387	0.16	SE
2/27/2023 12:00	12.99	40.62	28.05757	0.12	SSE
2/27/2023 13:00	15.56	41.23	28.03105	0.21	SSE
2/27/2023 14:00	11.75	42.02	28.01895	0.34	SSE
2/27/2023 15:00	8.63	42.69	28.0134	0.2	S
2/27/2023 16:00	4.515	43.34	28.01065	0	SSE
2/27/2023 17:00	4.916	43.92	28.0089	0	S
2/27/2023 18:00	7.457	42.63	28.01007	0	SSW
2/27/2023 19:00	5.43	42.44	28.01102	0	SSE
2/27/2023 20:00	5.967	42.52	28.01452	0	SSE
2/27/2023 21:00	5.794	42.27	28.01816	0.01	SSE
2/27/2023 22:00	8.62	42.02	28.02171	0.04	SSE
2/27/2023 23:00	4.875	41.63	28.02465	0.07	S
2/28/2023 0:00	6.009	42.28	28.02014	0.09	SSE
2/28/2023 1:00	5.037	42.31	28.01373	0.05	SSE
2/28/2023 2:00	6.776	42.29	28.00507	0.02	SSE
2/28/2023 3:00	6.038	41.95	27.99262	0.01	S
2/28/2023 4:00	4.664	41.16	27.98164	0	S
2/28/2023 5:00	3.45	40.87	27.97528	0	SSW
2/28/2023 6:00	2.6	40.6	27.97544	0	W
2/28/2023 7:00	2.398	40.24	27.97818	0	SSW
2/28/2023 8:00	1.407	41.65	27.9881	0	NE

[illegible]

APPENDIX B

FEBRUARY 2023 FACILITY INSPECTION REPORT

Disposal Facility (Site) Inspection Report (52)
Sunshine Canyon City/County Landfill (19-AA-2000)
2/28/2023

Inspection Information

Inspected By: Sunshine Canyon Landfill **Local Inspection ID:**
Inspection Date: 2/28/2023 **Time In:**
Inspection Type: Periodic **Time Out:**
Inspector: Rasaaq Ayodele **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

The drainage system shall be designed and maintain to:

- (a) ensure integrity of roads, structures, and gas monitoring and control systems;
- (b) prevent safety hazards; and
- (c) prevent exposure of waste.

Disposal Facility (Site) Inspection Report (52)
Sunshine Canyon City/County Landfill (19-AA-2000)
2/28/2023

Exposed waste was observed on the side slope of CC4. The erosion was attributed to the February rain events.

During the month of February 2023, another major storm affected the region from Thursday, February 23 to Tuesday, February 28 - with heavy rain falling on February 24, February 25 and February 27 - and deposited between 9 to 10 inches of rain onto the landfill. The landfill experienced several problems with the drainage system due to the high-volume flow of stormwater and the construction activity in the terminal sediment basin.

The runoff from the higher elevation and from cell CC4 caused multiple gullies in the dirt cover that exposed the landfilled trash. Several smaller erosional rills with exposed trash in the daily cover were also observed along the slopes of cell CC3 and cell CC4.

The operator must take immediate action to prevent the exposure of waste in quantities that create nuisance or cause other problems. The operator must be proactive in designing, repairing and maintaining the site to prevent exposure of waste during subsequent rain events. Immediately after the rain had stopped, remediation efforts must be taken to prevent further erosion of the landfill cover and exposure of trash.

No Areas of Concern

Inspection Report Comments

This report is a compilation of the SCL-LEA staff observations for the month of February 2023.

A violation was noted for the Drainage and Erosion Control.

Disposal Facility (Site) Inspection Report (52)
Sunshine Canyon City/County Landfill (19-AA-2000)
2/28/2023

The litter control violation (27 CCR 20830) and an Area of Concern for Grading of Fill Surfaces (27 CCR 20650) marked in the January inspection report were addressed by the operator in a timely manner considering the impacts associated the the rain events. Observation during this month inspection show significant improvement.

The operator was reminded to keep working on the litter control and the Grading of Fill Surfaces.

The litter picking crew was observed collecting litters during this observation period.

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

No prohibited waste observed at the working face.

The misters along the haul road and throughout the facility were in use for dust control.

The light was adequate during hours of darkness.

No litter outside the permitted area observed during this observation period.

The alternative daily cover (enviro cover) and soil cover were effective in covering up all waste.

No Attachments

APPENDIX C

WEEKLY GRID INSPECTION LOGS

FEBRUARY 2023

FEBRUARY WEEKLY GRID INSPECTION LOG CITY INSTANTANEOUS

[illegible]

[illegible]

FEBRUARY WEEKLY GRID INSPECTION LOG COUNTY INSTANTANEOUS

[illegible]

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FEBRUARY WEEKLY GRID INSPECTION LOG CITY INTEGRATED

[illegible]

[illegible]

MARCH WEEKLY GRID INSPECTION LOG COUNTY INTEGRATED

[illegible]

FEBRUARY WEEKLY GRID INSPECTION LOG COUNTY INTEGRATED

[illegible]

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MARCH WEEKLY GRID INSPECTION LOG CITY INTEGRATED

[illegible]

Enclosure 3

April 14, 2023

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 – March 2023

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 March 2023 is attached. At the time of writing this report the March 2023 Disposal Facility Inspection Report has not yet been completed. The inspection report from February 2023 is included.

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.
- SCL has submitted an application for a variance to the SCAQMD for operating Flare 9 after the last source test exceeded limits. However, a new source test was performed on 1/6/2023 and passed all parameter limits. The final source test report was submitted to the Air District within 60 days of the test and the application for a variance was rescinded. All flares operate in accordance with the site's Title V permit.

- 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 2023.

Please do not hesitate to contact me if you have any questions,

Sincerely,

Jacob Friedman

Jacob Friedman
Environmental Specialist
Sunshine Canyon Landfill

Appendix A – February 2023 Hourly Weather Data

Appendix B – February 2023 Facility Inspection Report

Appendix C – February 2023 Weekly Grid Inspections



SUNSHINE CANYON LANDFILL MONTHLY ACTIVITY REPORT

March 2023

Location/System	Activity	Date		Actions Taken or Comments
		Start	End	
Environmental Control Systems				
New or replaced vacuum laterals	Installation of new vacuum laterals	3/1/2023	3/31/2023	Continued improvement of the sites GCCS infrastructure.
Drainage facilities	Routine maintenance	3/1/2023	3/31/2023	
Groundwater control monitoring systems	Groundwater samples were collected and Q4 data was reviewed	3/1/2023	3/31/2023	
Surface water control systems	Routine site maintenance	3/1/2023	3/31/2023	Post rain maintenance and track walking and Sediment Basin Cleanout
Leachate control system	Installation or repair of pumps in vertical gas wells	3/1/2023	3/31/2023	
Sewer system	No breakdowns or shutdowns	3/1/2023	3/31/2023	
Breakdowns, Malfunctions, Temporary Shutdowns of Any Permanent or Temporary Environmental Control System				
Special Occurrence - Reported in Monthly LEA Report	Late Close	3/1/2023	3/2/2023	3/1/23 site personnel notified the LEA that the closing operation would go past 9 pm due to delays during closing activities. Trash was covered and all equipment was parked by 9:30 pm each evening.
Special Occurrence - Reported in Monthly LEA Report	ADC Usage	3/4/2023	3/4/2023	On Saturday 3/4/23 the site team was unable to cover the entirety of the working face with 6-in of compacted soil due to safety concerns and the condition of cover material. The rain from the previous week had made cover material wet and difficult to apply and spread. A portion of the working face was covered partly with soil and partly with Envirocover. That is, no trash was left exposed or uncovered. The Envirocover was inspected for integrity and was intact Monday morning prior to Monday's fill
Special Occurrence - Reported in Monthly LEA Report	Minor Vehicle to Vehicle Accident	3/6/2023	3/6/2023	On Monday, 3/6/23, at approximately 8:30 am a SCS utility vehicle was parked on the side the road above the administration building that leads to the scales. At this time, a dump truck from APA Trucking was proceeding with a higher speed limit than conditions allowed. SCS personal tried to wave the driver down to slow down but due to the mud, the tires slide resulting in the truck bumping the utility vehicle. Upon inspection of the SCS vehicle, it was noted there were only a few scratches to the utility truck door. There were no injuries to any person nor any additional damages to any other equipment. At this time, SCS has stated they would not be pursuing any claim. There are also no pictures of this incident.
Special Occurrence - Reported in Monthly LEA Report	Radiation Load	3/8/2023	3/8/2023	Wednesday (3/8/23) at 6:11 AM Sunshine Canyon received a Radiation Load from Belart Transfer Station (Ecology Truck). The load has been quarantined and is waiting to be cleared by LA County Department of Public Health Radiation Management Division. The load was cleared the same day.
Special Occurrence - Reported in Monthly LEA Report	Narcotics Load	3/9/2023	3/9/2023	(3/9/23) at 9:03 am the police brought their special waste load weighing in at 5.87 tons for disposal.
Special Occurrence - Reported in Monthly LEA Report	ADC Usage	3/11/2023	3/11/2023	Saturday (3/11/2023), operations used Enviro Cover on the working face due to a lack of dry soil and safety concerns. All trashed was covered by 3:30 PM.
Special Occurrence - Reported in Monthly LEA Report	ADC Usage	3/13/2023	3/13/2023	(3/13/23) the team was working past the 9:00 pm closing time due to delays during closing activities and inclement weather. All trash was covered by 9:15.

Special Occurrence - Reported in Monthly LEA Report	Truck Fire	3/14/2023	3/14/2023	Tuesday (3/14/23), at approximately 7:30 am, a third-party truck caught on fire on the main road. The local fire department was notified and responded to extinguish the fire within the hour. There was no reports of any injuries or damage to the site or the sites equipment.
Special Occurrence - Reported in Monthly LEA Report	NOV Issued by LEA	3/14/2023	3/14/2023	On Tuesday (3/14/2023) SCL received a notice of violation from the LEA for Drainage and Erosion control.
Special Occurrence - Reported in Monthly LEA Report	Late Close	3/16/2023	3/16/2023	On Thursday, 3/16/23, operations worked past the permitted time of 9pm. The closing supervisor called the LEA and notified they were going to go past the permitted time. Several factors resulted in the late close: A tipper truck got stuck on the tipper resulting in a tow truck having to be called to get the truck pulled off the tipper. This resulted in delaying operations of covering the trash behind the tipper. The trash was extremely wet which resulted in a slower process applying the Enviro Cover in a timely manner. All equipment and operations ceased by 9:35.
Special Occurrence - Reported in Monthly LEA Report	ADC Usage	3/18/2023	3/18/2023	On Saturday 3/18/23 the site team was unable to complete a full soil cover over the working face on the wet weather deck, due to heavily saturated material and safety concerns with equipment working in the area. All trash was covered with Envirocover; that is, no trash was left uncovered. All Envirocover in CC4-P4A/B/C was covered with soil. However, during cover activities, the equipment got stuck multiple times and thus, the decision was made not to attempt the full cover on the wet weather deck.
Special Occurrence - Reported in Monthly LEA Report	NOV Issued	3/21/2023	3/21/2023	On 3/21/23 Sunshine Canyon received an NOV by SCAQMD for alleged odors on 3/17/23.
Special Occurrence - Reported in Monthly LEA Report	NOV Issued	3/21/2023	3/21/2023	On 3/21/23 Sunshine Canyon received an NOV from SCAQMD for alleged odors on 3/18/23.
Special Occurrence - Reported in Monthly LEA Report	Radiation Load	3/22/2023	3/22/2023	3/22/23 at 12:06 PM Sunshine Canyon received a Radiation Load from Bel Art Transfer Station (Ecology Truck). The load has been quarantined and is waiting to be cleared by LA County Department of Public Health Radiation Management Division. The load was cleared by LA County Department of Public Health Radiation Management Division
Special Occurrence - Reported in Monthly LEA Report	Radiation Load	3/24/2023	3/24/2023	3/24/23 at 10:53 AM Sunshine Canyon received a Radiation Load from SPR American. The load has been quarantined and is waiting to be cleared by LA County Department of Public Health Radiation Management Division. The load was cleared the same day by LA County Department of Public Health Radiation Management Division.
Special Occurrence - Reported in Monthly LEA Report	ADC Usage	3/25/2023	3/25/2023	On Saturday, 3/25/23, closing operations was unable to complete a full soil cover over the working face on the wet weather deck. Due to the continued rain over the last few weeks, the availability of dry soil available off site for import to use as cover has been significantly reduced and any soil already on site to use was also too wet to apply as cover. All trash was covered with Envirocover; that is, no trash was left uncovered.
Special Occurrence - Reported in Monthly LEA Report	NOV Issued	3/28/2023	3/28/2023	On 3/28/23 Sunshine Canyon received an NOV from SCAQMD for alleged odors.

Special Occurrence - Reported in Monthly LEA Report	Radiation Load		3/29/2023	3/29/2023	The radiation load received today (3/29/23) at Sunshine Canyon had previously set off the radiation alarm at the Athens site on 3/27. The load was cleared by LA County Department of Public Health Radiation Division on 3/28/2023 and was brought to Sunshine Canyon Landfill to be buried today. After speaking with Tracy Au of the LA Department of Public Health Radiation Management Division she confirmed that the load was cleared by her department and was ok to dispose of at Sunshine Canyon Landfill for burial.				
Special Occurrence - Reported in Monthly LEA Report	Helicopter Landing		3/31/2023	3/31/2023	At approximately 5:30 am on Friday 3/31/23, operations observed a helicopter conducting touch and goes at the helipad on City South. Due to the time of day, it was too dark outside to determine what agency the helicopter belonged to.				
Special Occurrence - Reported in Monthly LEA Report	NOV Issued		3/31/2023	3/31/2023	On 3/31/23 Sunshine Canyon received an NOV from SCAQMD for alleged odors on 3/30/23.				
Special Occurrence - Reported in Monthly LEA Report	NOV Issued		3/31/2023	3/31/2023	On 3/31/23 Sunshine Canyon received an NOV from SCAQMD for alleged odors on 3/31/23.				
Cover Inspections									
Please refer to Daily Cover Inspection Log. Daily inspections were conducted.									
Results of March 2023 SCAQMD Rule 1150.1 Surface Emission Monitoring									
	City		County					For March 2023 surface emission monitoring, all exceedances were cleared within the first 10-day.	
	#Grids Monitored	#of Grids with Exceedances	#Grids Monitored	#of Grids with Exceedances					
	Instantaneous SEM	233	21	177					
Integrated SEM	233	3	177	4					

APPENDIX A

MARCH 2023 HOURLY WEATHER DATA

3/2/2023 21:00	5.22	45.75	28.03795	0	S
3/2/2023 22:00	2.994	45.41	28.04389	0	S
3/2/2023 23:00	1.778	45.32	28.04733	0	W
3/3/2023 0:00	5.96	43.67	28.03854	0	NW
3/3/2023 1:00	5.638	43.89	28.01783	0	NW
3/3/2023 2:00	5.251	43.67	28.00385	0	NW
3/3/2023 3:00	4.367	43.24	27.98402	0	NNW
3/3/2023 4:00	5.994	42.03	27.97069	0	NW
3/3/2023 5:00	7.632	42.75	27.95925	0	NW
3/3/2023 6:00	6.38	43.07	27.95712	0	NW
3/3/2023 7:00	2.237	42.71	27.94873	0	SSE
3/3/2023 8:00	1.354	45.04	27.96369	0	N
3/3/2023 9:00	2.059	49.07	27.97046	0	NE
3/3/2023 10:00	1.994	52.36	27.96578	0	NE
3/3/2023 11:00	6.1	53.09	27.96529	0	ESE
3/3/2023 12:00	5.604	55.33	27.95495	0	SE
3/3/2023 13:00	6.001	56.96	27.92698	0	SSE
3/3/2023 14:00	6.03	59.29	27.89259	0	SSE
3/3/2023 15:00	7.326	58.98	27.87811	0	SE
3/3/2023 16:00	6.649	57.62	27.88155	0	SSE
3/3/2023 17:00	7.062	55.57	27.88419	0	SSE
3/3/2023 18:00	7.331	52.61	27.8853	0	SSE
3/3/2023 19:00	5.53	50.43	27.89385	0	S
3/3/2023 20:00	4.507	48.91	27.89687	0	SSW
3/3/2023 21:00	3.171	47.8	27.9077	0	S
3/3/2023 22:00	2.956	47.15	27.91626	0	SSE
3/3/2023 23:00	1.491	47	27.91907	0	SSW
3/4/2023 0:00	2.146	46.82	27.90775	0	NW
3/4/2023 1:00	6.385	45.37	27.90634	0	NW
3/4/2023 2:00	1.23	44.67	27.90024	0	NNE
3/4/2023 3:00	4.621	45.47	27.88255	0	S
3/4/2023 4:00	5.696	44.28	27.86637	0	S
3/4/2023 5:00	3.973	44.18	27.87282	0	SSW
3/4/2023 6:00	4.622	44.13	27.87978	0	S
3/4/2023 7:00	6.123	43.32	27.88999	0	SSE
3/4/2023 8:00	6.856	43.01	27.90899	0	S
3/4/2023 9:00	6.74	43.01	27.94162	0	S
3/4/2023 10:00	6.426	42.9	27.95007	0	SSE
3/4/2023 11:00	9.06	46.46	27.94736	0	SE
3/4/2023 12:00	11.43	47.86	27.94422	0	SSE
3/4/2023 13:00	10.84	49.09	27.93469	0	SSE
3/4/2023 14:00	11.4	49.65	27.91384	0	SSE
3/4/2023 15:00	11.84	49.63	27.90252	0	SE
3/4/2023 16:00	10.9	49.51	27.90043	0	SSE
3/4/2023 17:00	8.52	49.02	27.90041	0	SSW
3/4/2023 18:00	6.096	47.35	27.90619	0	SSW
3/4/2023 19:00	4.78	45.8	27.91549	0	SW

3/4/2023 20:00	5.478	45.15	27.92969	0	SW
3/4/2023 21:00	4.555	44.33	27.94221	0	SW
3/4/2023 22:00	4.295	44.09	27.96341	0	S
3/4/2023 23:00	7.587	42.61	27.96602	0	S
3/5/2023 0:00	7.752	42.04	27.97151	0	S
3/5/2023 1:00	6.156	42.12	27.98309	0	S
3/5/2023 2:00	5.168	41.37	27.98408	0	SSE
3/5/2023 3:00	5.38	41.65	27.97799	0	S
3/5/2023 4:00	5.457	41.87	27.97345	0	S
3/5/2023 5:00	5.688	41.18	27.9753	0	SSE
3/5/2023 6:00	4.15	41.14	27.97998	0	SSE
3/5/2023 7:00	6.793	40.97	27.99146	0	SSE
3/5/2023 8:00	7.015	41.45	28.0061	0.02	SSE
3/5/2023 9:00	5.865	42.26	28.02813	0.04	SSE
3/5/2023 10:00	5.866	43.03	28.04089	0	SE
3/5/2023 11:00	7.918	45.98	28.04394	0.01	SE
3/5/2023 12:00	8.13	47.31	28.04377	0	SE
3/5/2023 13:00	7.078	49.99	28.03176	0	SSE
3/5/2023 14:00	7.233	50.9	28.01662	0	S
3/5/2023 15:00	6.116	49.49	28.01369	0	S
3/5/2023 16:00	8.77	48.2	28.01243	0	SSW
3/5/2023 17:00	7.603	45.66	28.00898	0.02	SSW
3/5/2023 18:00	5.992	45.21	28.01561	0	SSE
3/5/2023 19:00	5.646	44.92	28.02216	0	SSE
3/5/2023 20:00	7.419	44.65	28.02975	0.02	SSE
3/5/2023 21:00	7.582	44.37	28.04206	0	SSE
3/5/2023 22:00	4.812	44.44	28.05384	0.02	S
3/5/2023 23:00	2.618	44.29	28.05787	0	SSE
3/6/2023 0:00	5.798	44	28.05536	0	SSE
3/6/2023 1:00	4.352	43.88	28.05004	0.04	S
3/6/2023 2:00	4.924	43.36	28.05788	0.03	S
3/6/2023 3:00	4.365	43.22	28.04938	0	S
3/6/2023 4:00	3.916	43.36	28.04329	0	SSW
3/6/2023 5:00	4.453	43.27	28.04783	0	SSW
3/6/2023 6:00	3.462	42.26	28.05445	0	SSW
3/6/2023 7:00	2.163	42.04	28.06355	0	SSE
3/6/2023 8:00	3.581	44.95	28.08006	0	SE
3/6/2023 9:00	4.172	45.95	28.09289	0	ESE
3/6/2023 10:00	5.238	48.58	28.09737	0	SE
3/6/2023 11:00	5.05	48.87	28.10369	0	SSW
3/6/2023 12:00	6.367	50.36	28.09868	0	SSE
3/6/2023 13:00	5.244	51.19	28.0825	0	SSW
3/6/2023 14:00	6.114	51.82	28.06364	0	SSW
3/6/2023 15:00	6.965	51.07	28.04974	0	S
3/6/2023 16:00	8.37	51.34	28.04235	0	SSW
3/6/2023 17:00	6.499	50.75	28.04068	0	WSW
3/6/2023 18:00	6.065	47.25	28.04858	0	WSW

3/6/2023 19:00	3.359	44.98	28.0617	0	WNW
3/6/2023 20:00	1.862	45.16	28.07526	0	E
3/6/2023 21:00	4.391	44.69	28.08417	0	NE
3/6/2023 22:00	3.061	43.81	28.08879	0	ENE
3/6/2023 23:00	1.347	42.64	28.08664	0	E
3/7/2023 0:00	3.829	42.82	28.08055	0	NW
3/7/2023 1:00	1.517	42.64	28.08056	0	NNW
3/7/2023 2:00	4.028	42.27	28.07329	0	NW
3/7/2023 3:00	7.489	42.28	28.06466	0	NW
3/7/2023 4:00	9	41.66	28.0595	0	NW
3/7/2023 5:00	12.68	41.73	28.05505	0	NW
3/7/2023 6:00	13.27	42.57	28.05643	0	NW
3/7/2023 7:00	14.08	42.82	28.06382	0	NW
3/7/2023 8:00	15.9	43.71	28.0731	0	NW
3/7/2023 9:00	17.07	44.84	28.07756	0	NW
3/7/2023 10:00	12.29	47.16	28.08574	0	NW
3/7/2023 11:00	9.89	49.81	28.09016	0	NW
3/7/2023 12:00	7.71	51.94	28.07781	0	NNW
3/7/2023 13:00	4.875	54.81	28.05597	0	NE
3/7/2023 14:00	5.332	56.9	28.02942	0	SSE
3/7/2023 15:00	5.751	57.17	28.02146	0	SSE
3/7/2023 16:00	7.708	55.54	28.01039	0	SSW
3/7/2023 17:00	9.22	53.12	28.00682	0	SSW
3/7/2023 18:00	7.433	50.39	28.01389	0	SW
3/7/2023 19:00	4.507	47.77	28.02096	0	W
3/7/2023 20:00	1.81	46.56	28.0278	0	NNW
3/7/2023 21:00	2.819	45.38	28.03974	0	ESE
3/7/2023 22:00	3.344	43.9	28.05279	0	ESE
3/7/2023 23:00	2.469	43.73	28.04939	0	SE
3/8/2023 0:00	1.965	43.78	28.04672	0	WNW
3/8/2023 1:00	3.696	43.78	28.0447	0	S
3/8/2023 2:00	5.319	41.88	28.03817	0	S
3/8/2023 3:00	5.592	41.1	28.03074	0	S
3/8/2023 4:00	5.878	40.75	28.03342	0	SSW
3/8/2023 5:00	5	40.68	28.04221	0	S
3/8/2023 6:00	5.7	40.84	28.0503	0	SSW
3/8/2023 7:00	5.21	40.96	28.0605	0	S
3/8/2023 8:00	5.66	42.27	28.0762	0	S
3/8/2023 9:00	6.731	43.95	28.09277	0	SSE
3/8/2023 10:00	6.366	46.29	28.10197	0	SE
3/8/2023 11:00	5.011	48.14	28.10845	0	SE
3/8/2023 12:00	5.362	51.5	28.10395	0	SSE
3/8/2023 13:00	6.014	53.78	28.09273	0	SE
3/8/2023 14:00	5.712	54.74	28.0758	0	SSE
3/8/2023 15:00	4.179	56.72	28.06302	0	SSW
3/8/2023 16:00	3.551	57.31	28.05205	0	SSE
3/8/2023 17:00	5.631	55.32	28.04791	0	S

3/8/2023 18:00	5.812	52.14	28.04988	0	SSE
3/8/2023 19:00	5.734	48.99	28.05439	0	SE
3/8/2023 20:00	2.678	47.18	28.05484	0	S
3/8/2023 21:00	6.646	46.83	28.06099	0	NNW
3/8/2023 22:00	4.791	46.03	28.0733	0	NNW
3/8/2023 23:00	3.03	45.32	28.0786	0	NNE
3/9/2023 0:00	3.454	45.74	28.07871	0	NW
3/9/2023 1:00	3.56	46.26	28.0726	0	NNW
3/9/2023 2:00	3.964	45.78	28.06281	0	N
3/9/2023 3:00	7.354	44.3	28.04937	0	NNW
3/9/2023 4:00	10.75	43.16	28.04328	0	NNW
3/9/2023 5:00	11.08	43.16	28.0386	0	NW
3/9/2023 6:00	8.12	43.09	28.04794	0	NW
3/9/2023 7:00	8.74	42.85	28.05103	0	NW
3/9/2023 8:00	9.55	45.78	28.06259	0	NNW
3/9/2023 9:00	7.267	49.94	28.0582	0	NNW
3/9/2023 10:00	4.264	54.3	28.05611	0	NNE
3/9/2023 11:00	6.092	57.44	28.06113	0	SE
3/9/2023 12:00	7.576	59.26	28.05747	0	SSE
3/9/2023 13:00	7.203	61.14	28.03985	0	SSE
3/9/2023 14:00	7.258	62.79	28.02391	0	SSE
3/9/2023 15:00	7.578	63.12	28.01188	0	SSE
3/9/2023 16:00	9.58	61.73	28.00131	0	SE
3/9/2023 17:00	10.05	59.96	28.01006	0	SSE
3/9/2023 18:00	8.03	57.15	28.02067	0	S
3/9/2023 19:00	5.925	54.39	28.02952	0	S
3/9/2023 20:00	6.626	52.89	28.04911	0	SSE
3/9/2023 21:00	4.524	51.71	28.06127	0	SSE
3/9/2023 22:00	6.912	51.49	28.0676	0	SSE
3/9/2023 23:00	7.77	50.94	28.06467	0	SSE
3/10/2023 0:00	8.39	50.5	28.06216	0	S
3/10/2023 1:00	9.91	49.93	28.04446	0	S
3/10/2023 2:00	10.14	48.49	28.04686	0	SSE
3/10/2023 3:00	13.8	46.93	28.02432	0	SSE
3/10/2023 4:00	11.53	45.17	28.01866	0.06	S
3/10/2023 5:00	12.94	44.04	28.00457	0.11	S
3/10/2023 6:00	9.78	44.19	28.00962	0.15	S
3/10/2023 7:00	8.27	44.25	28.01242	0.1	S
3/10/2023 8:00	8.32	44.62	28.01213	0.06	S
3/10/2023 9:00	13.38	45.44	28.00327	0.08	SSE
3/10/2023 10:00	15.52	46.14	28.00425	0.13	SSE
3/10/2023 11:00	16.23	46.48	28.01213	0.14	SSE
3/10/2023 12:00	17.87	47.41	27.99034	0.1	SSE
3/10/2023 13:00	16.87	47.94	27.98314	0.13	SSE
3/10/2023 14:00	16.43	48.27	27.96979	0.37	SSE
3/10/2023 15:00	14.25	48.52	27.97942	0.31	SSE
3/10/2023 16:00	12.29	49.11	27.97822	0.05	SSE

3/10/2023 17:00	8.87	49.4	27.98028	0.07	S
3/10/2023 18:00	9.58	49.89	27.96196	0.03	SSE
3/10/2023 19:00	11.6	50.23	27.97187	0.04	S
3/10/2023 20:00	14.1	50.39	27.98343	0.11	SSE
3/10/2023 21:00	13.6	50.7	27.99223	0.1	SSE
3/10/2023 22:00	12.4	50.98	27.99072	0.08	SSE
3/10/2023 23:00	13.79	51.13	27.98614	0.08	SSE
3/11/2023 0:00	12.07	51.38	27.98677	0.08	SSE
3/11/2023 1:00	12.11	51.63	27.98933	0.11	SSE
3/11/2023 2:00	11.39	51.72	27.99113	0.08	SSE
3/11/2023 3:00	9.48	51.79	27.98939	0.06	S
3/11/2023 4:00	8.54	51.71	27.98036	0.03	SSE
3/11/2023 5:00	7.032	51.82	27.97678	0.02	SSE
3/11/2023 6:00	7.099	52.08	27.98286	0.01	S
3/11/2023 7:00	7.755	52.12	27.99973	0.05	SSE
3/11/2023 8:00	7.912	52.3	28.01503	0.05	S
3/11/2023 9:00	6.926	52.71	28.0275	0.03	SSE
3/11/2023 10:00	8.16	53.18	28.04176	0.07	SSE
3/11/2023 11:00	8.99	53.88	28.05003	0.08	SSE
3/11/2023 12:00	8.75	54.43	28.05183	0.09	SE
3/11/2023 13:00	9.65	54.91	28.03556	0.03	SE
3/11/2023 14:00	7.562	55.39	28.02941	0.01	SE
3/11/2023 15:00	8.57	55.82	28.02182	0	SE
3/11/2023 16:00	10.52	55.65	28.0265	0.01	SSE
3/11/2023 17:00	7.599	55.53	28.03218	0	SE
3/11/2023 18:00	4.904	55.36	28.03986	0.02	S
3/11/2023 19:00	3.836	54.91	28.04955	0.01	S
3/11/2023 20:00	6.659	54.28	28.0605	0	SSE
3/11/2023 21:00	5.994	54.07	28.07236	0	SSE
3/11/2023 22:00	3.3	53.91	28.08995	0	SSE
3/11/2023 23:00	2.109	53.69	28.09522	0.01	SSE
3/12/2023 0:00	2.001	53.51	28.08847	0	SE
3/12/2023 1:00	1.9	53.24	28.08266	0.01	S
3/12/2023 2:00	1.635	52.56	28.08336	0	ESE
3/12/2023 3:00	1.372	51.7	28.0732	0	WSW
3/12/2023 4:00	3.813	50.66	28.06514	0	NNW
3/12/2023 5:00	7.478	51.07	28.06732	0	NNW
3/12/2023 6:00	3.754	49.96	28.06861	0	NW
3/12/2023 7:00	4.458	49.43	28.07379	0	NNW
3/12/2023 8:00	8.78	50.73	28.08267	0	NNW
3/12/2023 9:00	4.657	52.89	28.09637	0	N
3/12/2023 10:00	3.826	56.71	28.0956	0	ESE
3/12/2023 11:00	6.04	58.1	28.10266	0	SSE
3/12/2023 12:00	6.35	61.43	28.09622	0	S
3/12/2023 13:00	8.21	61.68	28.08081	0	S
3/12/2023 14:00	8.72	62.87	28.05413	0	SSE
3/12/2023 15:00	9.11	62.63	28.04764	0	SSW

3/12/2023 16:00	7.652	61.36	28.05302	0	SSW
3/12/2023 17:00	6.265	59.45	28.04996	0	S
3/12/2023 18:00	5.227	57.06	28.05346	0	SSW
3/12/2023 19:00	4.976	54.74	28.06291	0	S
3/12/2023 20:00	6.578	53.4	28.07767	0	S
3/12/2023 21:00	4.874	51.89	28.09683	0	SSE
3/12/2023 22:00	4.524	51.49	28.1034	0	S
3/12/2023 23:00	2.329	51.14	28.10622	0	SSE
3/13/2023 0:00	1.765	51.3	28.09937	0	NNW
3/13/2023 1:00	4.515	51.52	28.10002	0	N
3/13/2023 2:00	5.381	51.29	28.09452	0	NW
3/13/2023 3:00	7.858	51.58	28.08402	0	NW
3/13/2023 4:00	5.576	51.19	28.07235	0	NNW
3/13/2023 5:00	5.494	49.11	28.06861	0	N
3/13/2023 6:00	5.132	48.77	28.07661	0	N
3/13/2023 7:00	2.868	49.7	28.08897	0	NNW
3/13/2023 8:00	2.516	51.87	28.10267	0	SE
3/13/2023 9:00	2.091	51.02	28.1084	0	ESE
3/13/2023 10:00	3.787	55.27	28.10825	0	SE
3/13/2023 11:00	6.119	56.61	28.10313	0	SE
3/13/2023 12:00	7.363	58.97	28.09159	0	SE
3/13/2023 13:00	6.485	61.58	28.07586	0	SSE
3/13/2023 14:00	9.51	62.28	28.04971	0	S
3/13/2023 15:00	7.854	61.86	28.02807	0	S
3/13/2023 16:00	7.843	61.06	28.02047	0	S
3/13/2023 17:00	5.383	59.7	28.02172	0	S
3/13/2023 18:00	4.624	57.09	28.03079	0	S
3/13/2023 19:00	6.36	55.05	28.03427	0	SSE
3/13/2023 20:00	7.577	53.65	28.03828	0	SSE
3/13/2023 21:00	5.741	52.58	28.04939	0	S
3/13/2023 22:00	5.701	50.88	28.05295	0	SSE
3/13/2023 23:00	5.999	50.59	28.04217	0	S
3/14/2023 0:00	6.156	50.97	28.03791	0	S
3/14/2023 1:00	6.363	50.33	28.04096	0	SSE
3/14/2023 2:00	4.381	50.36	28.03015	0	SSE
3/14/2023 3:00	2.09	50.52	28.00437	0	S
3/14/2023 4:00	6.055	50.29	27.97952	0.01	SSW
3/14/2023 5:00	8.68	50.47	27.97212	0	S
3/14/2023 6:00	7.565	50.67	27.9726	0	S
3/14/2023 7:00	7.763	50.98	27.98641	0	S
3/14/2023 8:00	8.95	51.19	28.00025	0	S
3/14/2023 9:00	10.78	51.34	28.00825	0.02	SSE
3/14/2023 10:00	13.1	51.48	28.01725	0.08	SSE
3/14/2023 11:00	13.9	51.52	28.02439	0.18	SSE
3/14/2023 12:00	15.93	51.69	28.00479	0.14	SE
3/14/2023 13:00	17.14	51.39	27.97743	0.24	SE
3/14/2023 14:00	17.14	51.22	27.9534	0.25	SSE

3/14/2023 15:00	16.96	51.17	27.94323	0.32	SSE
3/14/2023 16:00	18.78	51.16	27.94225	0.46	SSE
3/14/2023 17:00	17.37	50.97	27.93821	0.42	SSE
3/14/2023 18:00	17.13	50.79	27.93993	0.26	SSE
3/14/2023 19:00	16.43	50.82	27.94322	0.34	SSE
3/14/2023 20:00	16.52	50.91	27.93795	0.2	SSE
3/14/2023 21:00	16.65	51.01	27.9385	0.36	SSE
3/14/2023 22:00	17.14	50.9	27.9467	0.34	SSE
3/14/2023 23:00	13.83	51.12	27.95057	0.24	SSE
3/15/2023 0:00	12.7	51.18	27.9372	0.26	SSE
3/15/2023 1:00	12.52	51.28	27.91749	0.17	SSE
3/15/2023 2:00	13.19	51.48	27.89645	0.26	SE
3/15/2023 3:00	11.63	51.5	27.87677	0.38	SSE
3/15/2023 4:00	9.76	51.34	27.8856	0.44	S
3/15/2023 5:00	7.238	51.44	27.87499	0.01	SSE
3/15/2023 6:00	7.922	51.59	27.86884	0	S
3/15/2023 7:00	9.61	51.83	27.8698	0	SSE
3/15/2023 8:00	10.17	52.44	27.87283	0.11	SSE
3/15/2023 9:00	8.23	52.99	27.87999	0.25	SSE
3/15/2023 10:00	9.48	53.47	27.89178	0.16	SSE
3/15/2023 11:00	7.451	54.05	27.9058	0.24	SSE
3/15/2023 12:00	7.838	55.21	27.91089	0.01	SSE
3/15/2023 13:00	7.272	56.5	27.8869	0	SE
3/15/2023 14:00	7.296	59.12	27.88798	0	S
3/15/2023 15:00	8.71	59.23	27.86463	0	SSE
3/15/2023 16:00	9.21	54.83	27.87785	0	SE
3/15/2023 17:00	9.95	53.61	27.88367	0	SE
3/15/2023 18:00	9.68	52.16	27.88941	0	SE
3/15/2023 19:00	7.585	50.56	27.9019	0	SSE
3/15/2023 20:00	4.994	49.07	27.91699	0	SSE
3/15/2023 21:00	3.474	48.79	27.93231	0	SE
3/15/2023 22:00	3.946	48.58	27.94596	0	SSE
3/15/2023 23:00	4.854	48.34	27.9467	0	S
3/16/2023 0:00	3.722	48.01	27.95345	0	S
3/16/2023 1:00	4.335	47.7	27.96592	0	S
3/16/2023 2:00	5.642	47.35	27.97534	0	SSE
3/16/2023 3:00	4.582	46.71	27.96075	0	SE
3/16/2023 4:00	3.846	45.5	27.95354	0	NNW
3/16/2023 5:00	6.554	44.84	27.95387	0	NW
3/16/2023 6:00	6.025	45.23	27.96389	0	NW
3/16/2023 7:00	2.265	44.94	27.97727	0	N
3/16/2023 8:00	3.575	46.31	27.99178	0	NNE
3/16/2023 9:00	4.445	48.3	28.00512	0	NNE
3/16/2023 10:00	5.379	51.41	28.01575	0	E
3/16/2023 11:00	6.825	51.62	28.02791	0	SE
3/16/2023 12:00	6.4	51.68	28.03382	0	S
3/16/2023 13:00	6.572	52.91	28.02261	0	SSE

3/16/2023 14:00	5.742	53.98	28.00506	0	S
3/16/2023 15:00	6.239	54.99	27.9952	0	SSE
3/16/2023 16:00	7.611	54.55	27.97314	0	SSE
3/16/2023 17:00	7.264	54.02	27.96393	0	SSE
3/16/2023 18:00	7.503	52.68	27.97896	0	SSE
3/16/2023 19:00	5.264	51.44	27.99424	0	S
3/16/2023 20:00	3.092	49.93	28.00116	0	SSW
3/16/2023 21:00	4.021	49.54	28.01298	0	SSW
3/16/2023 22:00	1.683	48.54	28.02643	0	SSE
3/16/2023 23:00	3.71	46.94	28.03215	0	NNW
3/17/2023 0:00	8.14	46.56	28.03148	0	NNW
3/17/2023 1:00	6.823	46.43	28.02211	0	NNW
3/17/2023 2:00	9.53	45.62	28.00748	0	NW
3/17/2023 3:00	7.969	45.36	27.99396	0	NW
3/17/2023 4:00	6.301	44.11	27.98481	0	NW
3/17/2023 5:00	6.946	43.25	27.98465	0.01	NNW
3/17/2023 6:00	10.69	42.91	27.99417	0	NW
3/17/2023 7:00	12.89	43.27	27.99554	0	NW
3/17/2023 8:00	15.18	44.25	27.99882	0	NNW
3/17/2023 9:00	11.78	49.15	28.00576	0	NNW
3/17/2023 10:00	7.069	53.88	28.01204	0	N
3/17/2023 11:00	3.73	59.26	28.01055	0	ENE
3/17/2023 12:00	3.972	63.83	27.99966	0	SE
3/17/2023 13:00	6.448	64.44	27.98907	0	ESE
3/17/2023 14:00	6.004	64.76	27.97141	0	SSE
3/17/2023 15:00	6.481	63.26	27.95642	0	S
3/17/2023 16:00	4.341	64.19	27.94516	0	SSE
3/17/2023 17:00	3.938	64.16	27.94006	0	SSW
3/17/2023 18:00	3.972	62.14	27.95283	0	SW
3/17/2023 19:00	3.25	59.37	27.96908	0	NW
3/17/2023 20:00	10.08	58.25	27.98676	0	NNW
3/17/2023 21:00	10.28	57.89	28.00049	0	NW
3/17/2023 22:00	11.18	57.44	28.0144	0	NNW
3/17/2023 23:00	11.8	57.31	28.01457	0	NNW
3/18/2023 0:00	10.4	56.99	28.00871	0	NW
3/18/2023 1:00	14.35	57.09	28.00774	0	NW
3/18/2023 2:00	14.74	56.46	28.00594	0	NW
3/18/2023 3:00	12.04	55.76	27.99638	0	NW
3/18/2023 4:00	12.56	54.69	27.99018	0	NNW
3/18/2023 5:00	15.55	54.01	28.00418	0	NW
3/18/2023 6:00	14.82	53	28.01287	0	NNW
3/18/2023 7:00	17.83	52.25	28.03629	0	NW
3/18/2023 8:00	17.46	53.05	28.03452	0	NW
3/18/2023 9:00	14.83	55.45	28.0398	0	NW
3/18/2023 10:00	11.87	59.65	28.04718	0	NW
3/18/2023 11:00	9.39	63.84	28.03957	0	NNW
3/18/2023 12:00	7.557	65.69	28.03439	0	N

3/18/2023 13:00	7.084	66.61	28.01665	0	NNE
3/18/2023 14:00	5.68	67.87	27.99313	0	ESE
3/18/2023 15:00	4.42	67.75	27.97886	0	SE
3/18/2023 16:00	5.666	65.81	27.98264	0	S
3/18/2023 17:00	6.14	62.6	27.98502	0	SW
3/18/2023 18:00	4.619	61.71	27.9921	0	SSW
3/18/2023 19:00	4.524	61	27.9895	0	SSE
3/18/2023 20:00	2.735	59.12	27.99164	0	SE
3/18/2023 21:00	2.46	58.98	27.99617	0	NW
3/18/2023 22:00	2.368	58.5	27.98925	0	NW
3/18/2023 23:00	1.325	57.85	27.98248	0	S
3/19/2023 0:00	2.22	57.66	27.99319	0	S
3/19/2023 1:00	0.881	57.22	27.99468	0	S
3/19/2023 2:00	3.752	56.98	27.98813	0	SSE
3/19/2023 3:00	3.591	55.79	27.96292	0	SSW
3/19/2023 4:00	6.653	55.1	27.94856	0	S
3/19/2023 5:00	8.47	54.6	27.95317	0	SSE
3/19/2023 6:00	4.446	54.06	27.94481	0	ESE
3/19/2023 7:00	4.156	54.25	27.94625	0	N
3/19/2023 8:00	2.321	52.7	27.95982	0	NE
3/19/2023 9:00	4.715	54.08	27.96289	0	SE
3/19/2023 10:00	9.62	54.87	27.95889	0	SSE
3/19/2023 11:00	13.34	55.26	27.946	0	SSE
3/19/2023 12:00	14	54.13	27.93923	0.01	S
3/19/2023 13:00	15.4	51.22	27.94814	0.04	SSW
3/19/2023 14:00	11.12	50.35	27.9289	0.01	SSE
3/19/2023 15:00	14.89	48.54	27.90803	0.02	SE
3/19/2023 16:00	12.3	46.94	27.90058	0.02	SSE
3/19/2023 17:00	7.905	46.7	27.89921	0.02	S
3/19/2023 18:00	7.635	47.21	27.89565	0.01	SSE
3/19/2023 19:00	6.146	47.35	27.89479	0.03	SSW
3/19/2023 20:00	6.331	47.49	27.9002	0.01	S
3/19/2023 21:00	2	47.97	27.9149	0.01	S
3/19/2023 22:00	3.983	48.06	27.91359	0	SSW
3/19/2023 23:00	3.353	48.34	27.90991	0.01	SSW
3/20/2023 0:00	2.792	48.73	27.90957	0.01	S
3/20/2023 1:00	1.14	48.99	27.91441	0	NW
3/20/2023 2:00	3.226	49.01	27.90083	0	SSE
3/20/2023 3:00	3.876	49.24	27.88231	0	SSW
3/20/2023 4:00	2.764	49.04	27.87935	0	NW
3/20/2023 5:00	3.09	48.61	27.86661	0	N
3/20/2023 6:00	2.717	48.23	27.87037	0	NNW
3/20/2023 7:00	2.868	48.39	27.88292	0	NW
3/20/2023 8:00	2.969	49.65	27.89356	0	N
3/20/2023 9:00	4.018	51.07	27.89804	0	SE
3/20/2023 10:00	5.213	52.23	27.91399	0	S
3/20/2023 11:00	7.54	53.03	27.91385	0	S

3/20/2023 12:00	8.43	54.81	27.90548	0	SSW
3/20/2023 13:00	8.51	55.17	27.89187	0	SSW
3/20/2023 14:00	8.46	54.61	27.88095	0	SSW
3/20/2023 15:00	7.474	54.82	27.86768	0	S
3/20/2023 16:00	11.1	53.21	27.85699	0	SE
3/20/2023 17:00	12.88	51.39	27.8417	0	SE
3/20/2023 18:00	10.4	49.04	27.84367	0	SSE
3/20/2023 19:00	7.524	48.24	27.8384	0	S
3/20/2023 20:00	11.14	47.56	27.83042	0	SSE
3/20/2023 21:00	10.62	46.82	27.8334	0	SSE
3/20/2023 22:00	13.57	46.64	27.83642	0	SSE
3/20/2023 23:00	13.45	46.49	27.82697	0	SSE
3/21/2023 0:00	13.47	46.25	27.81572	0.08	SSE
3/21/2023 1:00	12.68	45.3	27.79838	0.2	SSE
3/21/2023 2:00	15.89	44.35	27.76051	0.12	SSE
3/21/2023 3:00	15.53	43.89	27.73892	0.14	SE
3/21/2023 4:00	14.65	43.13	27.71701	0.13	SE
3/21/2023 5:00	13.64	42.24	27.69609	0.11	SE
3/21/2023 6:00	14.37	41.23	27.65708	0.02	SSE
3/21/2023 7:00	15.67	41.76	27.62138	0.07	SSE
3/21/2023 8:00	18.73	43.12	27.59634	0.12	SSE
3/21/2023 9:00	25.77	44.87	27.56825	0.12	SSE
3/21/2023 10:00	17.49	46.37	27.62898	0.01	SSE
3/21/2023 11:00	13.29	47.55	27.64785	0.15	S
3/21/2023 12:00	16.21	48.4	27.67619	0	SSW
3/21/2023 13:00	13.65	50.73	27.67425	0	SSW
3/21/2023 14:00	13.21	49.78	27.66175	0	S
3/21/2023 15:00	13.66	47.02	27.63702	0.07	SSE
3/21/2023 16:00	16.6	46.16	27.61818	0.15	SSE
3/21/2023 17:00	16.04	46.01	27.62902	0.38	S
3/21/2023 18:00	8.58	44.01	27.64687	0.02	S
3/21/2023 19:00	8.75	43.76	27.65915	0.01	SSE
3/21/2023 20:00	10.23	44.11	27.67193	0.01	SE
3/21/2023 21:00	10.69	42.31	27.7002	0.1	SW
3/21/2023 22:00	8.55	42.1	27.73273	0.02	SSW
3/21/2023 23:00	7.972	41.65	27.74693	0	SE
3/22/2023 0:00	6.858	41.61	27.76372	0.08	SSE
3/22/2023 1:00	5.678	41.81	27.78291	0.04	SE
3/22/2023 2:00	3.934	41.71	27.80207	0.03	SSE
3/22/2023 3:00	3.6	41.15	27.81715	0.02	SE
3/22/2023 4:00	3.102	41.51	27.82971	0	SSE
3/22/2023 5:00	4.288	42.03	27.85485	0	SSE
3/22/2023 6:00	4.802	42.03	27.88068	0	SSE
3/22/2023 7:00	6.646	41.67	27.89901	0	SSE
3/22/2023 8:00	9.43	42.27	27.92461	0	SE
3/22/2023 9:00	11.31	42.67	27.94849	0.04	SSE
3/22/2023 10:00	14.14	43.73	27.96228	0	SSE

3/22/2023 11:00	14.53	45.8	27.97552	0	SE
3/22/2023 12:00	10.63	44.41	27.99559	0.3	S
3/22/2023 13:00	10.24	43.97	28.00286	0.08	SSW
3/22/2023 14:00	10.09	46.5	27.99636	0.01	SSE
3/22/2023 15:00	10.02	46.06	27.99057	0	SSE
3/22/2023 16:00	8.93	45.74	27.99153	0.11	SSE
3/22/2023 17:00	9.04	46.2	28.00019	0.01	SSE
3/22/2023 18:00	6.049	45.77	28.01542	0.01	SSE
3/22/2023 19:00	3.445	44.99	28.02569	0	SSE
3/22/2023 20:00	3.017	44.64	28.03712	0	SSE
3/22/2023 21:00	4.831	43.63	28.05382	0	S
3/22/2023 22:00	3.885	43.72	28.06851	0	SSE
3/22/2023 23:00	3.897	43.95	28.07874	0	SSE
3/23/2023 0:00	4.417	43.93	28.08248	0	S
3/23/2023 1:00	3.293	43.86	28.08458	0	S
3/23/2023 2:00	3.803	43.49	28.08339	0	SSW
3/23/2023 3:00	3.396	43.03	28.07838	0	S
3/23/2023 4:00	2.19	43.18	28.08101	0	SSE
3/23/2023 5:00	2.603	43.22	28.08847	0	SSE
3/23/2023 6:00	2.862	43.49	28.10318	0	SSE
3/23/2023 7:00	2.163	43.65	28.11695	0	SE
3/23/2023 8:00	1.975	43.94	28.13856	0.01	SE
3/23/2023 9:00	2.094	45.63	28.15403	0	ENE
3/23/2023 10:00	4.21	47.34	28.16513	0	ESE
3/23/2023 11:00	5.198	48.42	28.17338	0	SE
3/23/2023 12:00	5.495	51.14	28.17293	0	SSE
3/23/2023 13:00	5.946	52.19	28.15737	0	SSE
3/23/2023 14:00	6.431	52.33	28.14216	0	SSW
3/23/2023 15:00	6.477	53.74	28.12622	0	S
3/23/2023 16:00	5.582	53.58	28.11736	0	W
3/23/2023 17:00	7.388	52.22	28.11643	0	W
3/23/2023 18:00	7.329	51.36	28.12053	0	NW
3/23/2023 19:00	4.921	49.2	28.12503	0	NNW
3/23/2023 20:00	6.614	49.16	28.13448	0	N
3/23/2023 21:00	10.19	48.52	28.14259	0	NNW
3/23/2023 22:00	11.3	48.09	28.15554	0	N
3/23/2023 23:00	16.03	47.7	28.15966	0	NNW
3/24/2023 0:00	16.47	47.44	28.15878	0	NNW
3/24/2023 1:00	19.47	47.38	28.14997	0	NNW
3/24/2023 2:00	14.34	46.82	28.16083	0	NW
3/24/2023 3:00	28.61	46.76	28.1383	0	NNW
3/24/2023 4:00	31.21	46.17	28.11785	0	NNW
3/24/2023 5:00	26.9	45.13	28.13251	0	NNW
3/24/2023 6:00	26.37	44.63	28.14726	0	NNW
3/24/2023 7:00	27.09	44.59	28.1615	0	NNW
3/24/2023 8:00	27.27	45.88	28.1793	0	NNW
3/24/2023 9:00	25.72	47.47	28.19222	0	NNW

3/24/2023 10:00	22.88	49.28	28.19677	0	NNW
3/24/2023 11:00	17.69	51.41	28.20755	0	NW
3/24/2023 12:00	18.94	52.12	28.19423	0	NW
3/24/2023 13:00	18.7	52.85	28.17859	0	NW
3/24/2023 14:00	17.85	53.33	28.15994	0	NW
3/24/2023 15:00	20.02	53.12	28.14055	0	NNW
3/24/2023 16:00	25.23	52.35	28.11664	0	NNW
3/24/2023 17:00	25.47	50.81	28.09943	0	NNW
3/24/2023 18:00	21.77	49.36	28.10358	0	NNW
3/24/2023 19:00	22.54	47.28	28.11627	0	NW
3/24/2023 20:00	31.34	46.3	28.10873	0	NW
3/24/2023 21:00	30.65	45.78	28.11323	0	NNW
3/24/2023 22:00	33.22	45.57	28.10863	0	NNW
3/24/2023 23:00	33.97	45.27	28.10038	0	NNW
3/25/2023 0:00	32.95	45.07	28.09037	0	NW
3/25/2023 1:00	32.3	44.24	28.08272	0	NNW
3/25/2023 2:00	28.74	43.41	28.07834	0	NNW
3/25/2023 3:00	24.05	42.91	28.07175	0	NW
3/25/2023 4:00	22.48	42.34	28.06262	0	NW
3/25/2023 5:00	21.17	42.02	28.05792	0	NW
3/25/2023 6:00	23.11	41.12	28.06382	0	NW
3/25/2023 7:00	21.32	41.34	28.06401	0	NNW
3/25/2023 8:00	24.28	42.96	28.06713	0	NNW
3/25/2023 9:00	25	45.56	28.06635	0	NW
3/25/2023 10:00	18.22	49.07	28.07529	0	NW
3/25/2023 11:00	13.69	51.77	28.0667	0	NW
3/25/2023 12:00	11.26	55.01	28.04934	0	NNW
3/25/2023 13:00	12.98	56.31	28.0285	0	NNW
3/25/2023 14:00	15.86	56.51	28.01021	0	NW
3/25/2023 15:00	16.61	56.51	27.99641	0	NW
3/25/2023 16:00	20.22	54.92	27.98815	0	NW
3/25/2023 17:00	23.3	52.74	27.98559	0	NW
3/25/2023 18:00	24.94	50.15	27.99062	0	NNW
3/25/2023 19:00	21.13	47.88	28.00486	0	NNW
3/25/2023 20:00	29.29	47.83	27.99884	0	NNW
3/25/2023 21:00	34.74	46.47	28.00525	0	NW
3/25/2023 22:00	36.16	46.2	28.01219	0	NW
3/25/2023 23:00	40.76	46.22	27.99628	0	NW
3/26/2023 0:00	37.69	45.53	28.00693	0	NW
3/26/2023 1:00	36.23	44.98	28.01767	0	NNW
3/26/2023 2:00	31.93	44.4	28.01459	0	NNW
3/26/2023 3:00	29.12	43.53	28.01699	0	NNW
3/26/2023 4:00	31.08	43.26	28.01667	0	NNW
3/26/2023 5:00	26.91	42.72	28.02455	0	NNW
3/26/2023 6:00	27.23	42.23	28.04175	0	NNW
3/26/2023 7:00	30.22	43.04	28.0502	0	NNW
3/26/2023 8:00	30.16	44.26	28.05964	0	NW

3/26/2023 9:00	22.25	45.96	28.08019	0	NNW
3/26/2023 10:00	24.16	47.6	28.0783	0	NNW
3/26/2023 11:00	20.89	49.65	28.08612	0	NW
3/26/2023 12:00	22.42	50.78	28.08039	0	NW
3/26/2023 13:00	19.99	51.76	28.07516	0	NW
3/26/2023 14:00	15.79	53.2	28.06359	0	NNW
3/26/2023 15:00	16.61	53.73	28.0523	0	NNW
3/26/2023 16:00	17.29	53.5	28.04522	0	NNW
3/26/2023 17:00	19.41	52.11	28.04641	0	NNW
3/26/2023 18:00	17.27	50.03	28.05542	0	NNW
3/26/2023 19:00	20.49	48.15	28.05799	0	NW
3/26/2023 20:00	23.01	46.82	28.06428	0	NW
3/26/2023 21:00	22.61	46.03	28.077	0	NNW
3/26/2023 22:00	28.04	45.19	28.07601	0	NNW
3/26/2023 23:00	24.39	44.72	28.08341	0	NNW
3/27/2023 0:00	23.45	44.89	28.0799	0	NNW
3/27/2023 1:00	22.77	44.87	28.07772	0	NNW
3/27/2023 2:00	23.46	44.78	28.07297	0	NW
3/27/2023 3:00	22.88	44.51	28.06956	0	NNW
3/27/2023 4:00	22.57	44.14	28.07258	0	NNW
3/27/2023 5:00	22.37	43.96	28.07771	0	NNW
3/27/2023 6:00	24.2	43.69	28.08232	0	NW
3/27/2023 7:00	27.65	44.06	28.0906	0	NW
3/27/2023 8:00	28.13	46.02	28.10865	0	NW
3/27/2023 9:00	25.17	49.33	28.12387	0	NNW
3/27/2023 10:00	25.93	51.22	28.13072	0	NNW
3/27/2023 11:00	21.9	53.95	28.13634	0	NNW
3/27/2023 12:00	21.65	55.82	28.12811	0	N
3/27/2023 13:00	20.33	57.5	28.11611	0	N
3/27/2023 14:00	19.7	58.96	28.09796	0	NNE
3/27/2023 15:00	18.02	60.03	28.08305	0	N
3/27/2023 16:00	16.78	60.45	28.07272	0	N
3/27/2023 17:00	15.18	59.67	28.06877	0	N
3/27/2023 18:00	15.78	58.14	28.07395	0	NNW
3/27/2023 19:00	15.51	56.14	28.0834	0	NW
3/27/2023 20:00	17.64	54.81	28.0892	0	NW
3/27/2023 21:00	17.03	53.62	28.0958	0	NW
3/27/2023 22:00	16.95	53.06	28.10068	0	NW
3/27/2023 23:00	17.42	52.6	28.09566	0	NW
3/28/2023 0:00	14.5	51.56	28.09696	0	NW
3/28/2023 1:00	14.46	50.87	28.08506	0	NW
3/28/2023 2:00	14.86	50.49	28.06622	0	NW
3/28/2023 3:00	14.23	49.83	28.05153	0	NW
3/28/2023 4:00	11.7	49.23	28.04085	0	NNW
3/28/2023 5:00	11.94	47.61	28.0312	0	NNW
3/28/2023 6:00	12.36	47.24	28.03	0	NNW
3/28/2023 7:00	11.74	48.43	28.0368	0	NNW

3/28/2023 8:00	10.3	51.25	28.04284	0	NNW
3/28/2023 9:00	3.935	57.41	28.04182	0	NE
3/28/2023 10:00	5.732	61.52	28.04526	0	ESE
3/28/2023 11:00	6.603	62.91	28.04053	0	SSE
3/28/2023 12:00	11.12	63.15	28.02818	0	SSE
3/28/2023 13:00	11.81	64.02	28.01061	0	SE
3/28/2023 14:00	11.59	63.82	27.99789	0	SSE
3/28/2023 15:00	11.97	63.12	27.98165	0	SE
3/28/2023 16:00	11.56	61.74	27.97198	0	SE
3/28/2023 17:00	11.13	59.94	27.96215	0	SSE
3/28/2023 18:00	5.143	56.57	27.96804	0	SSW
3/28/2023 19:00	7.889	53.35	27.96503	0	SSW
3/28/2023 20:00	7.425	51.13	27.96422	0	SSE
3/28/2023 21:00	8.02	50.11	27.97256	0	SSE
3/28/2023 22:00	6.802	48.97	27.97003	0	SSE
3/28/2023 23:00	7.755	48.05	27.96611	0	SSE
3/29/2023 0:00	8.3	46.28	27.95923	0	SSE
3/29/2023 1:00	10.82	45.61	27.93706	0.01	SSE
3/29/2023 2:00	10.96	44.08	27.91515	0.12	SSE
3/29/2023 3:00	12.23	42.96	27.88252	0.02	SSE
3/29/2023 4:00	14.04	42.35	27.86131	0.12	SSE
3/29/2023 5:00	8.64	41.66	27.85393	0.18	S
3/29/2023 6:00	9.33	41.84	27.85467	0.23	S
3/29/2023 7:00	9.45	41.88	27.8658	0.17	S
3/29/2023 8:00	8.03	42.51	27.87896	0.08	S
3/29/2023 9:00	7.752	43.28	27.88771	0.01	S
3/29/2023 10:00	6.192	46.25	27.89151	0	S
3/29/2023 11:00	6.729	49.08	27.89044	0	SSE
3/29/2023 12:00	10.2	49.8	27.89104	0	SW
3/29/2023 13:00	10.09	50.97	27.87799	0	SSW
3/29/2023 14:00	9.5	51.76	27.86442	0	SSW
3/29/2023 15:00	9.79	51.23	27.85462	0	SW
3/29/2023 16:00	8.87	50.71	27.84075	0	SSW
3/29/2023 17:00	6.377	48.39	27.84367	0	WSW
3/29/2023 18:00	6.288	46.63	27.84094	0	WSW
3/29/2023 19:00	5.232	45.29	27.83666	0	SW
3/29/2023 20:00	4.525	44.16	27.83568	0	SSW
3/29/2023 21:00	5.109	43.58	27.84097	0	S
3/29/2023 22:00	5.207	42.45	27.84438	0.11	SSW
3/29/2023 23:00	5.769	40.43	27.84293	0.09	SSE
3/30/2023 0:00	9.11	39.37	27.83354	0.01	ESE
3/30/2023 1:00	6.897	38.5	27.82733	0.06	SE
3/30/2023 2:00	1.879	38.44	27.82317	0.03	SSE
3/30/2023 3:00	3.623	38.77	27.8159	0.01	ESE
3/30/2023 4:00	4.052	39.06	27.81298	0.02	S
3/30/2023 5:00	1.525	39.03	27.81804	0	S
3/30/2023 6:00	2.822	39.48	27.83232	0	SSE

3/30/2023 7:00	3.629	39.92	27.84876	0	SE
3/30/2023 8:00	5.612	40.63	27.86297	0.01	SE
3/30/2023 9:00	6.203	41.76	27.87625	0	SE
3/30/2023 10:00	4.513	43.73	27.89591	0	SE
3/30/2023 11:00	3.753	46.45	27.91531	0	S
3/30/2023 12:00	5.138	48.12	27.92135	0	SSE
3/30/2023 13:00	6.34	49.53	27.91822	0	SE
3/30/2023 14:00	2.804	48.83	27.91498	0	SSE
3/30/2023 15:00	14.52	41.54	27.93472	0.2	NW
3/30/2023 16:00	2.209	44.87	27.94755	0	S
3/30/2023 17:00	2.494	45.87	27.94633	0	S
3/30/2023 18:00	2.594	46.07	27.94821	0	SW
3/30/2023 19:00	2.905	45.05	27.96631	0	NW
3/30/2023 20:00	2.842	43.85	27.98501	0	NW
3/30/2023 21:00	9.61	43.41	27.99999	0	NNW
3/30/2023 22:00	13.29	44.06	28.01651	0	NNW
3/30/2023 23:00	9.72	43.58	28.03734	0	NNW
3/31/2023 0:00	5.937	43.46	28.04764	0	NW
3/31/2023 1:00	2.76	43.48	28.06083	0	NW
3/31/2023 2:00	1.652	44.27	28.07092	0	WNW
3/31/2023 3:00	0.525	43.73	28.07794	0	NW
3/31/2023 4:00	0.523	42.85	28.08389	0	SW
3/31/2023 5:00	0.5	42.21	28.08613	0	WNW
3/31/2023 6:00	1.346	41.39	28.09807	0	NNW
3/31/2023 7:00	4.341	43.87	28.10725	0	NNW
3/31/2023 8:00	7.502	43.96	28.12234	0	NNW
3/31/2023 9:00	4.329	48.23	28.14335	0	NNW
3/31/2023 10:00	2.645	52.3	28.15705	0	E
3/31/2023 11:00	4.339	54.13	28.16345	0	SSE
3/31/2023 12:00	4.87	56.3	28.15502	0	SE
3/31/2023 13:00	5.058	57.64	28.1462	0	S
3/31/2023 14:00	4.901	59.38	28.13295	0	S
3/31/2023 15:00	3.266	59.31	28.12228	0	SSW
3/31/2023 16:00	2.472	59.92	28.11088	0	SSW
3/31/2023 17:00	3.014	58.16	28.10503	0	S
3/31/2023 18:00	6.527	54.01	28.10805	0	N
3/31/2023 19:00	6.94	51.82	28.10621	0	N
3/31/2023 20:00	10.89	50.55	28.10152	0	NNW
3/31/2023 21:00	14.24	49.69	28.10353	0	NNW
3/31/2023 22:00	10.07	50.95	28.11465	0	NW
3/31/2023 23:00	12.06	51.59	28.1076	0	NW
				14.71	

APPENDIX B

FEBRUARY 2023 FACILITY INSPECTION REPORT

Disposal Facility (Site) Inspection Report (52)
Sunshine Canyon City/County Landfill (19-AA-2000)
2/28/2023

Inspection Information

Inspected By: Sunshine Canyon Landfill **Local Inspection ID:**
Inspection Date: 2/28/2023 **Time In:**
Inspection Type: Periodic **Time Out:**
Inspector: Rasaaq Ayodele **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

The drainage system shall be designed and maintain to:

- (a) ensure integrity of roads, structures, and gas monitoring and control systems;
- (b) prevent safety hazards; and
- (c) prevent exposure of waste.

Disposal Facility (Site) Inspection Report (52)
Sunshine Canyon City/County Landfill (19-AA-2000)
2/28/2023

Exposed waste was observed on the side slope of CC4. The erosion was attributed to the February rain events.

During the month of February 2023, another major storm affected the region from Thursday, February 23 to Tuesday, February 28 - with heavy rain falling on February 24, February 25 and February 27 - and deposited between 9 to 10 inches of rain onto the landfill. The landfill experienced several problems with the drainage system due to the high-volume flow of stormwater and the construction activity in the terminal sediment basin.

The runoff from the higher elevation and from cell CC4 caused multiple gullies in the dirt cover that exposed the landfilled trash. Several smaller erosional rills with exposed trash in the daily cover were also observed along the slopes of cell CC3 and cell CC4.

The operator must take immediate action to prevent the exposure of waste in quantities that create nuisance or cause other problems. The operator must be proactive in designing, repairing and maintaining the site to prevent exposure of waste during subsequent rain events. Immediately after the rain had stopped, remediation efforts must be taken to prevent further erosion of the landfill cover and exposure of trash.

No Areas of Concern

Inspection Report Comments

This report is a compilation of the SCL-LEA staff observations for the month of February 2023.

A violation was noted for the Drainage and Erosion Control.

Disposal Facility (Site) Inspection Report (52)
Sunshine Canyon City/County Landfill (19-AA-2000)
2/28/2023

The litter control violation (27 CCR 20830) and an Area of Concern for Grading of Fill Surfaces (27 CCR 20650) marked in the January inspection report were addressed by the operator in a timely manner considering the impacts associated the the rain events. Observation during this month inspection show significant improvement.

The operator was reminded to keep working on the litter control and the Grading of Fill Surfaces.

The litter picking crew was observed collecting litters during this observation period.

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

No prohibited waste observed at the working face.

The misters along the haul road and throughout the facility were in use for dust control.

The light was adequate during hours of darkness.

No litter outside the permitted area observed during this observation period.

The alternative daily cover (enviro cover) and soil cover were effective in covering up all waste.

No Attachments

APPENDIX C

WEEKLY GRID INSPECTION LOGS

MARCH 2023

MARCH COUNTY INSTANTANEOUS WEEKLY GRID INSPECTION LOG

[illegible]

3/17/2023																			
3/18/2023																			
3/19/2023																			
3/20/2023																			
3/21/2023																			
3/22/2023																			
3/23/2023	X	X	✓	✓	✓	✓	X	✓	✓	✓	✓	✓	✓	✓	✓	✓	X	✓	1st 10 day recheck
3/24/2023																			
3/25/2023																			
3/26/2023																			
3/27/2023																			
3/28/2023																			
3/29/2023																			
3/30/2023																			
3/31/2023	✓	✓					✓										✓		2nd 10 day recheck

MARCH COUNTY INSTANTANEOUS WEEKLY GRID INSPECTION LOG

[illegible]

3/17/2023																			
3/18/2023																			
3/19/2023																			
3/20/2023																			
3/21/2023																			
3/22/2023																			
3/23/2023	✓	X	X	✓	✓	✓	✓	X	X	✓	✓	✓	✓	✓	✓	✓	X	X	1st 10 day recheck
3/24/2023																			
3/25/2023																			
3/26/2023																			
3/27/2023																			
3/28/2023																			
3/29/2023																			
3/30/2023																			
3/31/2023		✓	✓					✓	✓								✓	✓	2nd 10 day recheck

MARCH CITY INSTANTANEOUS WEEKLY GRID INSPECTION LOG

[illegible]

[illegible]

MARCH CITY INSTANTANEOUS WEEKLY GRID INSPECTION LOG

[illegible]

[illegible]

MARCH CITY INTEGRATED WEEKLY GRID INSPECTION LOG

[illegible]

[illegible]

APRIL CITY INTEGRATED WEEKLY GRID INSPECTION LOG

[illegible]

[illegible]

MARCH COUNTY INTEGRATED WEEKLY GRID INSPECTION LOG

[illegible]

[illegible]

APRIL COUNTY INTEGRATED WEEKLY GRID INSPECTION LOG

[illegible]

[illegible]

Enclosure 4

SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT

Sunshine Canyon Landfill, Facility ID No. 49111

Odor Complaints Reported to South Coast AQMD Alleging SCL; and Notices of Violation (NOV) Summary from 2009 through March 2023

Public Nuisance: South Coast AQMD Rule 402; Calif. H&S 41700

														Total NOVs	Total Complaints
		Jan	Feb	March	April	May	June	July	August	Sept	Oct	Nov	Dec		
2014	Complaints	32	37	164	122	52	28	83	81	302	223	80	278		1482
	NOVs	0	0	4	5	1	0	2	4	6	5	3	7	37	
2015	Complaints	260	119	297	60	12	41	23	126	337	370	85	65		1795
	NOVs	5	3	7	2	0	0	0	2	11	7	2	0	39	
2016	Complaints	100	188	185	181	30	74	52	85	206	193	206	59		1559
	NOVs	2	4	6	5	0	1	1	1	2	4	4	1	31	
2017	Complaints	200	254	274	116	19	10	14	30	44	27	22	18		1028
	NOVs	6	7	6	1	0	0	0	0	0	0	0	0	20	
2018	Complaints	32	18	21	9	5	9	16	6	33	21	2	36		208
	NOVs	0	0	0	0	0	0	0	0	0	0	0	1	1	
2019	Complaints	17	17	76	12	2	5	7	7	95	82	14	16		350
	NOVs	0	1	1	0	0	0	0	0	1	2	0	0	5	
2020	Complaints	29	17	12	33	98	20	23	82	105	121	18	22		580
	NOVs	0	0	0	0	2	1	0	1	3	4	0	1	12	
2021	Complaints	7	10	3	22	4	31	27	71	55	74	59	83		446
	NOVs	0	0	0	1	0	0	0	2	1	2	0	0	6	
2022	Complaints	158	84	58	38	17	40	12	40	85	64	25	32		653
	NOVs	5	1	0	1	0	2	0	0	2	1	0	0	12	
2023	Complaints	226	191	146											563
	NOVs	6	7	5										18	

Total R402 NOVs Issued to Date

Total Complaints *

Total R402 NOVs Issued **

13,801

268

* Includes 5,137 Complaints from 2009 through 2013

** Includes 87 NOVs from 2009 through 2013

*** Includes eight NOVs from 2011 through 2013

NOVs for Other South Coast AQMD Rules

	Jan	Feb	March	April	May	June	July	August	Sept	Oct	Nov	Dec	
2014	0	0	0	0	0	0	0	0	0	0	0	0	0
Rule													
2015	0	0	0	0	0	0	0	0	0	0	0	0	0
Rule													
2016	0	0	0	0	0	0	0	0	0	0	0	0	0
Rule													
2017	0	0	0	0	0	0	0	0	0	0	0	0	0
Rule													
2018	1	0	0	0	0	0	0	0	0	0	0	0	1
Rule	3002, 431.1												
2019	0	0	0	0	0	0	0	0	0	0	0	0	0
Rule													
2020	0	0	0	0	0	0	0	0	0	0	0	0	0
Rule													
2021	0	0	0	0	0	0	0	0	0	0	0	0	0
Rule													
2022	0	0	0	0	0	0	0	0	0	0	0	0	0
Rule													
2023	1	0	0										1
Rule	403												

Total Other NOVs Issued***

10

* Includes 5,137 Complaints from 2009 through 2013

** Includes 87 NOVs from 2009 through 2013

*** Includes eight NOVs from 2011 through 2013