

Supporting the TreePeople and the Natural History Museum of Los Angeles County

On June 9th, the Natural History Museum of Los Angeles County hosted a 100th Birthday Bash to celebrate the museum's anniversary and kick off their summer programs. We are proud to support this event by donating oak trees to the TreePeople organization which were given away during the event. Representatives from the TreePeople came to Sunshine Canyon Landfill to visit the site's nursery where oak trees are grown from acorns gathered on site. These trees have been used to re-establish oak trees on the site and for various mitigation projects.



The Natural History Museum marked its centennial with the completion of a renovation project that created an indoor-outdoor museum that is home to exhibits, research and interactive activities for all ages. Visit their website at www.nhm.org for more information on exhibits, classes and programs for kids.

101 Days of Summer Safety

Sunshine Canyon Landfill launched the *101 Days of Summer* safety campaign to raise the level of awareness toward safety from Memorial Day to Labor Day.

Historically, the solid waste industry has seen an increase in employee injuries and vehicular accidents during the summer season. This increase is due in part to higher temperature/humidity, increased pedestrian traffic, children out of school and increased motor vehicle traffic. Republic Services has been able to eliminate this trend through its *101 Days of Summer* safety campaign. While the campaign is directed toward the drivers, these safety tips can apply to every person who drives. Each Republic division develops a division-specific summer safety plan tracks the progress by displaying a *101 Days of Summer* banner that counts down the days of summer safety.

On-going training sessions and the banner reinforce the program's goal of raising employee awareness about safety and provides information to prevent summer-related incidents. The banner lists these safety tips:

- Drink plenty of water
- Watch for children
- Always use your helper when backing
- Always drive defensively
- Always wear your seatbelt
- Do not use your cell phone while driving
- Always wear your high visibility vest

From Memorial Day to Labor Day

101 DAYS of SUMMER SAFETY

101	100	99	98	97	96	95	94	93	92	91
90	89	88	87	86	85	84	83	82	81	
80	79	78	77	76	75	74	73	72	71	
70	69	68	67	66	65	64	63	62	61	
60	59	58	57	56	55	54	53	52	51	
50	49	48	47	46	45	44	43	42	41	
40	39	38	37	36	35	34	33	32	31	
30	29	28	27	26	25	24	23	22	21	
20	19	18	17	16	15	14	13	12	11	
10	9	8	7	6	5	4	3	2	1	

- Drink plenty of water
- Watch for children
- Always use your Helper when backing
- Always drive defensively
- Always wear your seatbelt
- Do not use your cell phone while driving
- Always wear your high visibility vest

REPUBLIC SERVICES

Stay safe and C L this summer!

We are proud to report that for the first third of the 101 Days of Summer safety campaign, there have been no injuries or incidents.

Sunshine Canyon City/County Landfill

The site has been operating as a Joint City/County Landfill as of January 2009. Waste acceptance averages were approximately 7,800 tons per day (M-F), and 3,000 tons per day on (Sat.) as of June 30, 2013. The site is permitted to accept 12,100 tons per day maximum daily capacity (M-F).

Storm Water Controls

There is a comprehensive surface water management system at Sunshine Canyon Landfill that includes perimeter and interior drainage channels, four permanent sedimentation basins and several temporary basins to remove sediment from surface water leaving the site. The site operates under the statewide General Industrial Storm Water Permit. That permit defines the rainy season as Oct-May, and Sunshine Canyon conducts monitoring of runoff water quality during that time in accordance with the site's permit requirements.

Notices of Violation (NOV)

For the second quarter of 2013, Sunshine Canyon Landfill received Notices of Violation on the following dates: April 18th, April 20th, and June 11th.

Landfill Gas Monitoring:

The latest Rule 1150.1 Quarterly Monitoring Report was submitted in May 2013 for the first quarter of 2013. This report contains the results of the monthly surface emission monitoring (SEM) (instantaneous and integrated), results of the monthly monitoring of the site's perimeter gas probes and other information as required by SCAQMD's Rule 1150.1.

The results of the instantaneous SEM showed the following number of locations exceeding the regulatory threshold of 500 parts per million (ppm) Total Organic Carbon (TOC) for the reporting period: January – 40 over 361 acres monitored; February – 44 over 365 acres monitored; March 31 over 328 acres monitored. The results of the integrated SEM showed the following number of grids exceeded the regulatory threshold of 25 ppm TOC for the reporting period: January – 20 grids out of 352 grids monitored; February – 10 grids out of 334 grids monitored; March 10 grids out of 329 grids monitored.

For this reporting period, the locations where the readings exceeded the regulatory threshold were either (1) repaired and passed the 3-day re-check and/or the second 10-day re-check as allowed by Rule 1150.1, or (2) the exceedances were addressed by expansion of the gas collection system by the installation of additional gas extraction wells. A drilling program to install an additional 36 gas extraction wells was completed in the first quarter of 2013. We also continued with the well dewatering program to improve the performance of gas wells adversely impacted by liquid accumulation.

Sunshine Canyon Landfill Hotline Report

- Operational 24/7
- Call for information about Sunshine Canyon Landfill including questions regarding disposal, rates, tours, complaints, or comments
- Second quarter received 73 calls, 12 of which were from an AQMD inspector reporting complaints to AQMD's hotline

S.A.F.E. Centers

The Los Angeles City, Bureau of Sanitation operates S.A.F.E. Centers so residents can properly dispose of household hazardous waste materials such as Solvents Automotive Flammables and Electronics. The closest S.A.F.E. center to the Granada Hills area is located at 10241 N. Balboa Blvd., Northridge, CA 91325. Hours of operation are Saturdays and Sundays from 9-3. For more information, please visit the Bureau's website ~ www.lacitysan.org. You will find a complete listing of the materials that can be brought to a S.A.F.E. center for free disposal.

Sunshine Canyon Landfill Independent Environmental Monitor Program

Sunshine Canyon Landfill has hired Brown and Caldwell consultants to perform the services of the Independent Environmental Monitor as stipulated in the Abatement Order. As part of these requirements, Brown and Caldwell has set-up a new 24-hour hotline number to take calls specifically related to odor complaints. Brown and Caldwell's new hotline number is:

818-779-9170

An odor monitor will respond to your call and will report your call to the South Coast Air Quality Management District.

Re-Vegetation and Tree Planting Status

As required by the City and County of Los Angeles Conditions of Approval, Sunshine Canyon Landfill continued to hydroseed areas that are expected to be inactive for greater than 180 days. In the second quarter of 2013, work consisted of interim cover applications on temporary and construction slopes. Sage Mitigation areas on permanent slopes continued to be monitored and maintained. County side Big Cone Firs, PM10 tree berm, and the experimental "Wind Berm" are still currently being monitored and maintained.

Sunshine Canyon Landfill Gas System Upgrade Update

Update on Gas System Construction Activities

Construction activities for the installation of the site's new flare, Flare 10, began in the second quarter with the delivery of the flare stack on June 24th. The flare will be fully operational by August 15, 2013. It is an ultra-low emissions flare capable of handling up to 5,000 cubic feet per minute of landfill gas. The flare is designed with a patented technology and provides a high 99 percent destruction efficiency and low emissions by mixing, prior to combustion, landfill gas with ambient air. The system is controlled by a processor which receives and transmits signals in order to ensure optimum operating conditions.



Landfill gas is drawn through the system by way of a 300 HP gas blower; a 250 HP air combustion blower provides excess air and helps achieve an optimum fuel mixture before the gas is flared. With the addition of Flare 10, the facility is now capable of handling up to 22,500 cubic feet per minute of landfill gas.



Groundwater Monitoring

The Groundwater and Waste Disposal Monitoring Report for the Second Semi-Annual Monitoring Period of 2012 (RWQCB File No. 58-076) was submitted on February 15, 2013. The report can be found at: [sunshinecanyonlandfill.com/environment/required reports](http://sunshinecanyonlandfill.com/environment/required%20reports).

Landfill Operations

The below amounts were received for the second quarter of 2013. The landfill continues to operate six days per week.

MONTH	Non-buried, recyclable and beneficial reuse material (tons)	Total Landfilled Material (tons)
APRIL	13,300.87	195,884.30
MAY	11,673.26	200,165.74
JUNE	9,369.10	181,704.11

Tours at Sunshine Canyon Landfill



Tours are always welcome at Sunshine Canyon! Recently, the Pacific Lodge School visited on June 14, 2013.

Contact Patti Costa at sunshinecanyonlandfill.com or by calling 818-362-2124 to arrange your tour.

Mailing List:

To add or remove a name from our mailing list, to update your information, or to go paperless, please email: info@sunshinecanyonlandfill.com

SCAQMD 24-Hour Hotline
800-288-7664

SCL Odor Patrol
818-822-2835
5:30 a.m.—10 a.m.
5:30 p.m.—11 p.m.

Sunshine Canyon Landfill LEA
8:30 a.m.—5:30 p.m., M-F
213-252-3939

Newsletter produced and distributed by the Sunshine Canyon Landfill, A Republic Services company.

Community Advisory Committee Meetings:

A joint city-county Community Advisory Committee meets bi-monthly. Visit sunshinecanyonlandfill.com for more information.

Sunshine Canyon Landfill
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