

Community Assessment



RCDWR conducted an inspection on June 24, 2021, reporting on aesthetics, traffic, signage, drainages, air quality, and other community issues. The inspection report along with photographs are attached.

LEA Corner

The Mitigation Monitoring and Site Inspection reports for April, May, and June 2021 are attached. Violations for Gas Monitoring and Control were issued in April and May.



Landfill Tonnage and Traffic



	Landfill Totals (Daily Average)		In-County (Daily Average)		Out-of-County (Daily Average)	
	Traffic	Tonnage	Traffic	Tonnage	Traffic	Tonnage
2021						
April	1,148	11,045	791	3,661	358	7,384
May	1,106	10,226	778	3,448	329	6,782
June	1,144	10,861	789	3,567	356	7,294

1. The landfill is permitted for a maximum of 70,000 tons per week, with a daily tonnage limit of 16,054 tons, and 1,305 daily vehicle trips.
2. During this period (April - June), the maximum daily vehicles was 1,307 and the maximum daily tonnage was 12,929 tons.
3. The average weekly tonnage was 63,549 tons and maximum was 66,825 tons (week of 6/7/2021).

Next Meeting



The COC will likely meet in early Fall to review the final Annual Reports.

Date/Time: TBD



2020 Annual Reports

- The Administrative Review Committee (ARC) and COC provided comments on the Annual Reports.
- USA Waste/WMI is addressing the comments and preparing the final 2020 Annual Reports.

Socialize With Us!



Community Assessment



El Sobrante Landfill: Community Assessment

Date: June 24, 2021 Arrival time: 10:50 am Prepared by: Ryan Ross/Jose Merlan, RCDWR

I. Aesthetics

- Pond 4 visual inspection:
 - Pond 4 gate and fencing- good condition, no litter (photo 1).
 - Pond 4 outside slope- good vegetative cover (photo 2).
- Drainage channel/culverts:
 - No major debris or blockage.
- Dawson Canyon Road condition:
 - Portions are paved; dirt section is serviceable. Road graded on 6-29-21.
- Berm 10/11:
 - No visible litter, good vegetative cover (photo 2-Berm 10; photo 3-Berm 11).
- Landfill operations:
 - Not visible from Dawson Canyon area.
 - No landfill operations visible from communities west of I-15; bare outside slopes (photo 4); USA Waste/WMI developed draft plan to address the bare slopes
 - No visible off-site litter.
- Signage:
 - Inspected landfill address and directional signs. Good condition; visible and placed at numerous locations along Dawson Canyon Road .

II. Traffic Mitigation Enforcement:

- 'No Right Turn' on Temescal Canyon Road (TCR) from Dawson Canyon:
 - No violations observed.
 - 'No Right Turn' sign partly covered by shrub. WMI notified. Shrub was trimmed back to allow full visibility of sign (photo 5).

III. Miscellaneous

- Reviewed 2nd quarter 2021 site aerial (see attached).

Photo 1 Pond 4 gate and fencing



Photo 2 Pond 4 outside slope

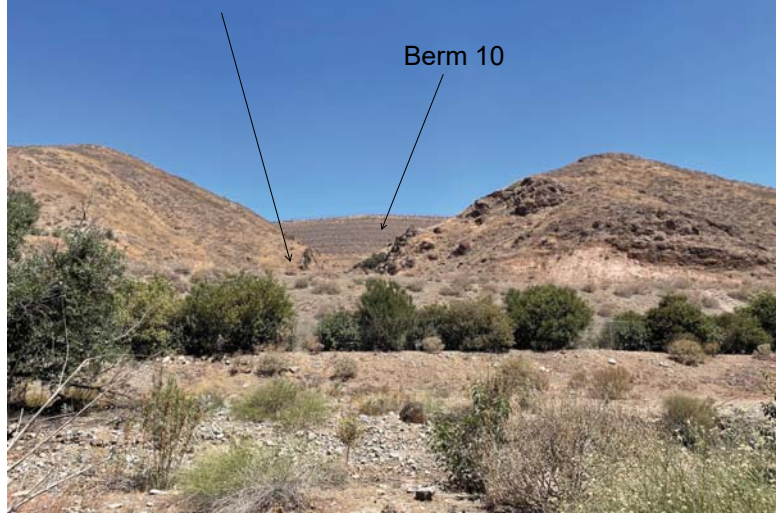


Photo 3 Berm 11



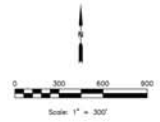
Photo 4 View of landfill from west of 1-15



Photo 5



"No Right Turn" sign



Date of Aerial Image: 6/10/21

El Sobrante Landfill Announcements and Events



El Sobrante Landfill

2nd Quarter 2021

Landfill Operations

Here are a some of the El Sobrante Landfill second quarter updates.

- Disposal operations continue to remain only in Phase 12.
- Excavation is close to completion with Phase 13A.
- Restriping Dawson Canyon Road and leading up to the Scale House will begin this quarter.

El Sobrante Landfill and Wildlife Preserve

This past quarter, the El Sobrante Landfill and Wildlife Preserve was a 2021 Wildlife Habitat Council (WHC) nominated site. Our two nominations this year were for the Mammals Project Award and the Species of Concern Project Award.

These projects also contributed to the successful recertification of our site and we maintain our Certified Gold status. Conservation Certification is more than just a certification. It's a continual process by which activities are maintained to offer ongoing benefit to biodiversity and people.

WHC's certification program is the only voluntary sustainability standard designed for broad-based biodiversity enhancement and conservation education activities on corporate landholdings. Please refer to the next page for more information of the El Sobrante Landfill and Wildlife Preserve.



For more than 20 years, Waste Management (WM) has partnered with Wildlife Habitat Council (WHC) to promote sustainability, wildlife preservation, biodiversity and environmental education at the company's WHC-certified sites. At El Sobrante Landfill and Wildlife Preserve in Corona, California, employees actively manage over 1,000 acres for conservation projects focused on grasslands, wetlands, mammals, species of concern and education. **The conservation program at El Sobrante Landfill and Wildlife Preserve has been WHC-certified since 2003.**

PRACTICES AND IMPACTS

- A riparian restoration habitat is managed with the ultimate goal of replacing invasive weed species with native riparian species.
- Artificial burrows were installed to provide sheltering and nesting opportunities for the burrowing owl.
- The California gnatcatcher is supported through habitat in the coastal sage scrub for nesting, foraging and shelter.
- Stephens' kangaroo rat, a species of concern in California, is protected on 183 acres of maintained habitat. This land is actively improved through targeted weeding and debris removal. Monitoring of the species includes surveys of active burrows, scat, and trails.
- Local Scout troops are hosted yearly and provided with educational opportunities to learn about endangered species and conservation.
- In 2019, El Sobrante hosted a Summer Day Camp for local children with the goal of providing the community with outdoor, hands-on learning opportunities.

WILDLIFE HABITAT COUNCIL CONSERVATION CERTIFICATION | GOLD STATUS



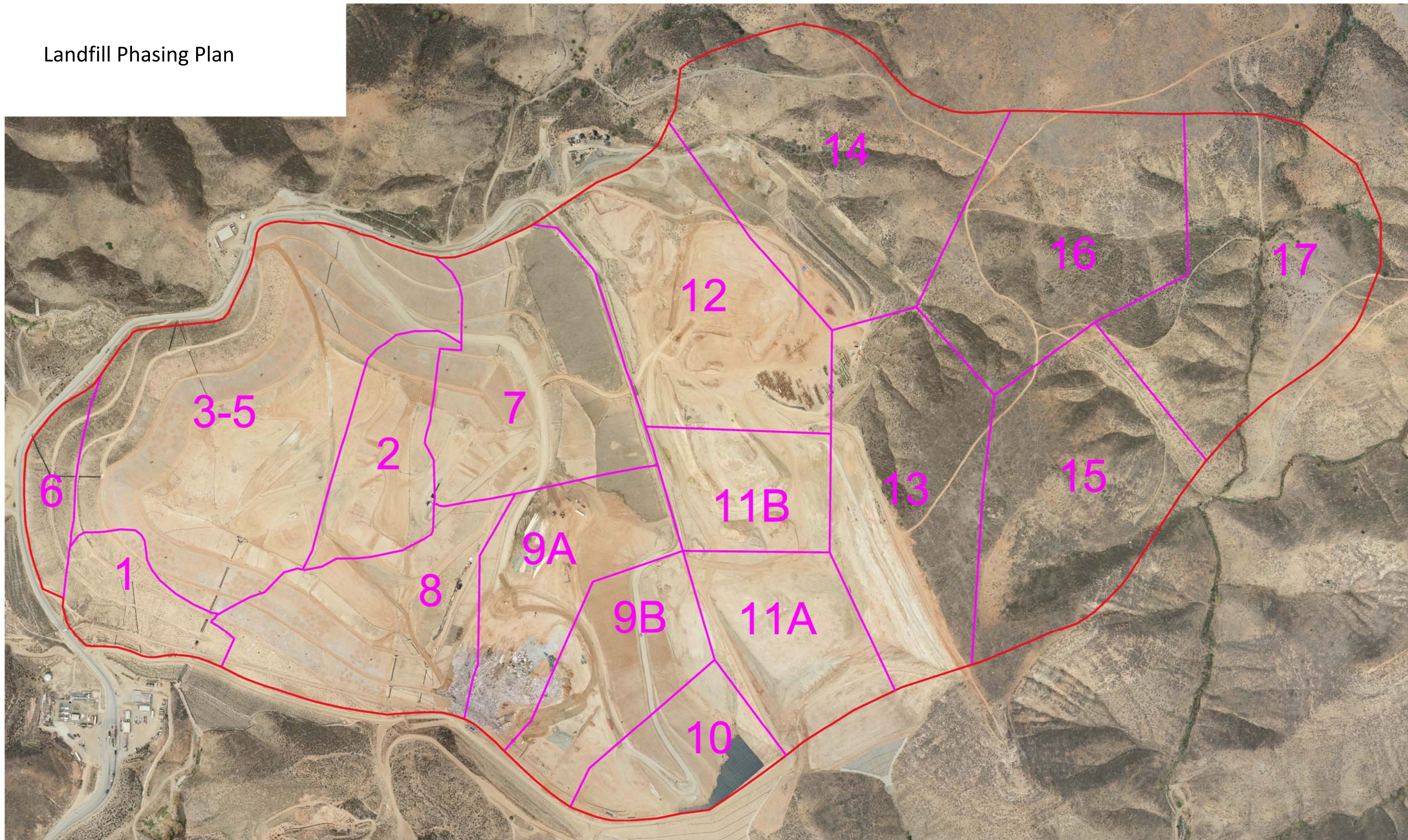
CONSERVATION PROJECTS

- AVIAN**
Burrowing Owl, California Gnatcatcher
- AWARENESS AND ENGAGEMENT**
Scout Projects, Summer Day Camp, Tours
- GRASSLAND**
Grassland Habitat, Many-Stemmed Dudleya
- MAMMALS**
Stephens' Kangaroo Rat
- OTHER HABITATS**
Riversidian Sage Scrub
- SPECIES OF CONCERN**
Stephens' Kangaroo Rat
- WETLANDS AND WATER BODIES**
Riparian Habitat

RESOURCES

<https://sustainability.wm.com/>

Landfill Phasing Plan



LEA Quarterly Mitigation Monitoring Report

Monthly Site Inspections



County of Riverside
DEPARTMENT OF ENVIRONMENTAL HEALTH

P.O. BOX 7909 • RIVERSIDE, CA 92513-7909

El Sobrante Landfill
Quarterly Mitigation Monitoring Report

Date: 7-8-2021

Completed by: Sandi Salas

Quarterly Report Covering: April- June 2021

FINDINGS

Inspections (A-5)(A-6)(A-7)(AQ-2)(G-11)(G-12)(G-24)(N-1)(N-7)(U-7)(U-8)(U-9)(U-10)(W-1)(W-5)

- Three unannounced routine inspections were conducted on April 27th, May 26th, and June 29th.
 - Violations were documented on the April and May inspections for gas monitoring and control. In both instances probe 24 had an exceedance over 5% of methane gas.
- An unannounced inspection of the cover system was completed on April 26th.
 - An Area of Concern was documented for Alternative Daily Cover. A few moderates sized holes were observed, and litter found mingled with ash material used as alternative daily cover.
 - All lighting onsite appeared to be operated within the standards set forth by the CEQA mitigations.

PM₁₀ Monitoring (AQ-3)(AQ-4)(AQ-11)

- The site has concluded the PM₁₀ monitoring since the excavation of cell 12 is complete. PM₁₀ monitoring will begin with the start of cell 13.

Out of County Transfer Station Inspections (T-2) (T-7)

- 26 out of county transfer station inspections were conducted during this past quarter.

Landfill Gas Monitoring (AQ-1)(W-11)

- The LEA received a first quarter 2021 Landfill Air Emissions monitoring report dated May 2021 which showed multiple readings where methane exceeded 5% in Probes 24A, 24B, 24C, and 24D.
- The LEA received a 60-day remediation plan for probe 24 on 4-23-2021 indicating measures taken to install additional extraction wells, applying additional soil cover and plans to turn on the second flare for the site in order to eliminate the exceedance of methane.
- The LEA received an updated 60-day remediation plan for Probe 24 on 6-3-2021 which provided results of all perimeter probes now reading below 5 % methane by volume.

Quarterly Aerial (A-2)

- An updated aerial was taken on June 10th and showed no areas of offsite grading or operations.

Disposal Facility Inspection Report (52)

Enforcement Agency:				Local Inspection ID:	
County of Riverside					
SWIS Facility File Number (99-xx-9999)		Inspection Date		Program Code	
33-AA-0217		4/26/2021		LEA Focused	
Time In	01:30	Time Out	02:30	Inspection Time	1 hour
Facility Name			Received By		
El Sobrante Landfill			USA Waste Services of California, Inc.		
Facility Location			Owner Name		
10910 Dawson Canyon Road, Corona 91719					
Inspector			Also Present (Name)		
Ogorchukwu Oforah EHS II			Fritzy Devera REHS, Dave		

THE ABOVE FACILITY WAS INSPECTED FOR COMPLIANCE WITH APPLICABLE SECTIONS OF DIVISION 30 OF PUBLIC RESOURCES CODE (PRC) AND TITLE 14 AND TITLE 27 CALIFORNIA CODE OF REGULATIONS (CCR)

	No Violations or Areas of Concern
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V	A	Regulations
	X	20690 - Alternative Daily Cover
<p>Comments: Alternative daily cover is to prevent blowing litter without presenting a threat to human health and the environment. Observed a several moderately sized holes in the tarp that exposed material beneath. Also found that the ash material used as cover had some trash mingled within it See attached photo report. Holes such as those documented should be fixed to prevent offsite migration of material given a wind event. Ash material used as cover should be screened and rejected when containing substantial amounts of litter or thoroughly picked through for application to take place. Ensure this protocol is taken to reduce the occurrence of windblown litter.</p>		

Inspection Report Comments:
<p>This was a focused inspection to ensure that the Alternative Daily Cover used at El Sobrante Landfill meets requirements set by the California Code of Regulations. The facility has opted to use tarps and ash as ADC. Ambient weather at the time of the inspection was moderate, mostly cloudy, with little wind.</p> <p>There was minimal waste seen atop of the tarps. Some parts of the tarps did appear worn, leaving small openings that did not expose waste.</p> <p>Litter pickers were seen at the time of the inspection.</p> <p>If you have any questions or comments regarding this report please contact me at ooforah@rivco.org or call (951) 955-8980.</p>

Disposal Facility Inspection Report (52)

Enforcement Agency:				Local Inspection ID:	
County of Riverside					
SWIS Facility File Number (99-xx-9999)		Inspection Date		Program Code	
33-AA-0217		4/27/2021		LEA Periodic	
Time In	1345	Time Out	1600	Inspection Time	2.25 Hours
Facility Name			Received By		
El Sobrante Landfill			USA Waste Services of California, Inc.		
Facility Location			Owner Name		
10910 Dawson Canyon Road, Corona 91719			USA Waste Services of California, Inc.		
Inspector			Also Present (Name)		
Dan Young			Stephen D., Jeff S.		

THE ABOVE FACILITY WAS INSPECTED FOR COMPLIANCE WITH APPLICABLE SECTIONS OF DIVISION 30 OF PUBLIC RESOURCES CODE (PRC) AND TITLE 14 AND TITLE 27 CALIFORNIA CODE OF REGULATIONS (CCR)

	No Violations or Areas of Concern
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V	A	Regulations
X		<p>20921 - Gas Monitoring and Control</p> <p>Comments: California Code of Regulations Title 27§ 20921 states; "(a) To provide for the protection of public health and safety and the environment, the operator shall ensure that landfill gas generated at a disposal site is controlled in such a manner as to satisfy the following requirements: ... (2) The concentration of methane gas migrating from the disposal site must not exceed 5% by volume in air at the disposal site permitted facility boundary or an alternative boundary approved in accordance with §20925." Perimeter landfill gas well 24 was sampled for methane during this inspection with the following results;</p> <p>24A - %1.1 24B - %10.0 24C - %2.2 24D - %1.2</p> <p>Since the initial discovery of methane exceedances in February the operator has installed additional extraction wells, tuned the gas extraction system, and installed a second flare.</p> <p>A landfill gas remediation plan was submitted by the operator on April 23, 2021. This plan has been reviewed, and accepted, by the LEA and then submitted to CalRecycle. The plan includes the following remediation measures; Installation of a second flare, improvements to the inlet piping, blower upgrades, and monthly monitoring for perimeter well 24 until conditions improve.</p> <p>According to the operator there remain some technical challenges to properly configuring and fully utilizing the new flare. As such an immediate drop in methane levels at well 24 is not expected, but a gradual reduction as the new upgrades to the system are fully implemented and utilized.</p> <p>The operator shall ensure that methane levels in all perimeter probes is maintained below 5% by volume.</p>

Inspection Report Comments:
<p>This is a routine monthly inspection.</p> <p>This facility is an active landfill which operates 24 hours per day, Monday through Saturday. Tarps and ash (acquired from a Covanta facility in Long Beach) are used as Alternative Daily Cover (ADC) and deployed Saturday at closing through Monday morning. The County of Riverside Department of Waste Resources oversees the load check program and scale house at this site.</p>

The weather at time of inspection was 48°F, light rain, with 4 MPH winds blowing north.

USA Waste employee Stephan D. assisted with this inspection.

Records were reviewed for the previous month of March;

Special Occurrences / Accidents / Injuries:

Visits from various regulators were logged, all in March. No other occurrences were logged.

Complaints:

Mar 17 – A Dawson Canyon resident called regarding a third party commercial hauler parked in the right hand turn lane on Dawson Canyon Rd. Landfill personnel contacted the management for the hauler and reiterated parking expectations for this area.

Employee Safety Training:

Hazard communication, stormwater and site specific SWPPP, treated wood waste, pre / post trip vehicle inspections, and vehicle spacing.

Tonnage:

The tonnage report is sent to the LEA via email by County Waste Resources and is attached to this report. This facility has not exceeded its maximum permitted tonnage for this month.

Load Check:

The load check summary is sent to the LEA via email by Riverside County Department of Waste Resources and is attached to this report. There was a total of 372 load check inspections conducted this month. In 278 of these checks, no prohibited wastes were found, in 34 universal / designated waste was found, and in 60 hazardous waste was found. If possible, the landfill returns the prohibited wastes to the responsible party. If the responsible party cannot be located the landfill assumes responsibility for the material.

Site Observations:

A second flare was observed to be up and running today. The odor neutralization system was also observed to be in operation during this inspection.

All primary access roads were well maintained. Dust was being managed very well, as was windblown litter.

Phase 12 continues to be the only operational cell and is accepting all incoming vehicle types at the landfill. The active face is split between commercial haulers and hand unload deliveries. Both groups discharge loads at the toe of the active face, with a significant gap in activity between the two. Traffic control was in place and appeared to be effective.

One tipper remains down for maintenance with no discernable impact on traffic flow.

White goods and scrap metal which are pulled from the waste stream for recycling are still staged along the access road leading to the previous active face. This staging area is operated by the same personnel that conduct litter picking throughout the site.

Excavation activities for phase 13 continue to make significant progress. These activities were not observed to be impacting the rest of the landfill in any negative way.

The falconer was observed on site, not significant number of birds were seen anywhere during this inspection.

An offsite inspection was conducted in the Dawson Canyon community adjacent to the landfill. The community was evaluated for odors, litter, and nuisance level noise along Dawson Canyon Rd from Park Canyon to Rim Canyon Rd. Noise, litter, and odors associated with landfill operations were not be detected.

If you have any questions or concerns regarding this report, you can email me at DYoung@rivco.org or call (951) 955-8980.

Disposal Facility Inspection Report (52)

Enforcement Agency:				Local Inspection ID:	
County of Riverside					
SWIS Facility File Number (99-xx-9999)		Inspection Date		Program Code	
33-AA-0217		5/26/2021		LEA Periodic	
Time In	1205	Time Out	1440	Inspection Time	2.6 hours
Facility Name			Received By		
El Sobrante Landfill			USA Waste Services of California, Inc.		
Facility Location			Owner Name		
10910 Dawson Canyon Road, Corona 91719			USA Waste Services of California, Inc.		
Inspector			Also Present (Name)		
Dan Young			Stephen D.		

THE ABOVE FACILITY WAS INSPECTED FOR COMPLIANCE WITH APPLICABLE SECTIONS OF DIVISION 30 OF PUBLIC RESOURCES CODE (PRC) AND TITLE 14 AND TITLE 27 CALIFORNIA CODE OF REGULATIONS (CCR)

	No Violations or Areas of Concern
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V	A	Regulations
X		<p>20921 - Gas Monitoring and Control</p> <p>Comments: California Code of Regulations Title 27§ 20921 states; "(a) To provide for the protection of public health and safety and the environment, the operator shall ensure that landfill gas generated at a disposal site is controlled in such a manner as to satisfy the following requirements: ... (2) The concentration of methane gas migrating from the disposal site must not exceed 5% by volume in air at the disposal site permitted facility boundary or an alternative boundary approved in accordance with §20925." Perimeter landfill gas well 24 was sampled for methane during this inspection with the following results;</p> <p>24A - %0.2 24B - %5.5 24C - %2.1 24D - %0.2</p> <p>Methane exceedances were first discovered in well 24 in February 2021. Since then the operator has installed additional extraction wells, tuned the gas extraction system, and installed a second flare.</p> <p>A landfill gas remediation plan was also submitted by the operator on April 23, 2021. The plan was reviewed, and accepted, by the LEA and then submitted to CalRecycle. This plan includes the following remediation measures; Installation of a second flare, improvements to the inlet piping, blower upgrades, and monthly monitoring for perimeter well 24 until conditions improve.</p> <p>Following the installation and configuration of the second flare the operator has also installed another gas extraction well and intends to bore out another one tomorrow. There are also plans in the works to install 3 soil vapor extraction wells (well outside the waste footprint) between the waste and perimeter well 24.</p> <p>The operator shall ensure that methane levels in all perimeter probes is maintained below 5% by volume.</p>

Inspection Report Comments:

This is a routine monthly inspection.

This facility is an active landfill which operates 24 hours per day, Monday through Saturday. Tarps and ash (acquired from a Covanta facility in Long Beach) are used as Alternative Daily Cover (ADC) and deployed Saturday at closing through Monday morning. The County of Riverside Department of Waste Resources oversees the load check program and scale house at this site.

The weather at time of inspection was 82°F, sunny, with 6 MPH winds blowing east southeast.

USA Waste employee Stephan D. assisted with this inspection.

Records were reviewed for the previous month of April;

Special Occurrences / Accidents / Injuries:

None.

Complaints:

None.

Employee Safety Training:

ECAP Asbestos, Injury and Illness Prevention Program, Severe Weather Plan, and Fire Prevention.

Tonnage:

The tonnage report is sent to the LEA via email by County Waste Resources and is attached to this report. This facility has not exceeded its maximum permitted tonnage for this month.

Load Check:

The load check summary is sent to the LEA via email by Riverside County Department of Waste Resources and is attached to this report. There was a total of 359 load check inspections conducted this month. In 249 of these checks, no prohibited wastes were found, in 32 universal / designated waste was found, and in 78 hazardous waste was found. If possible, the landfill returns the prohibited wastes to the responsible party. If the responsible party cannot be located the landfill assumes responsibility for the material.

Site Observations:

Both flares were running today, as well as the odor neutralization system.

All primary access roads were well maintained. Dust was being managed very well, as was windblown litter.

Phase 12 continues to be the only operational cell and is accepting all incoming vehicle types at the landfill. The active face is split between commercial haulers and hand unload deliveries. All commercial haulers discharge on the top deck now, while hand unload operations are relegated to the lower deck. Traffic control was in place and appeared to be effective.

Four tippers were observed in operation. A small number of birds were observed near the active face, not none were seen in contact with the waste.

White goods and scrap metal which are pulled from the waste stream for recycling are still staged along the access road leading to the previous active face. This staging area is operated by the same personnel that conduct litter picking throughout the site.

Excavation activities for phase 13 continue to make significant progress. These activities were not observed to be impacting the rest of the landfill in any negative way.

An offsite inspection was conducted in the Dawson Canyon community adjacent to the landfill. The community was evaluated for odors, litter, and nuisance level noise along Dawson Canyon Rd. from Park Canyon to Rim Canyon Rd. Noise and litter associated with landfill operations were not observed, but some faint landfill-like odors were detected. These findings were communicated to the operator.

If you have any questions or concerns regarding this report, you can email me at DYoung@rivco.org or call (951) 955-8980.

Disposal Facility Inspection Report (52)

Enforcement Agency:				Local Inspection ID:	
County of Riverside					
SWIS Facility File Number (99-xx-9999)		Inspection Date		Program Code	
33-AA-0217		6/29/2021		LEA Periodic	
Time In	0835	Time Out	1105	Inspection Time	2.5 hours
Facility Name			Received By		
El Sobrante Landfill			USA Waste Services of California, Inc.		
Facility Location			Owner Name		
10910 Dawson Canyon Road, Corona 91719			USA Waste Services of California, Inc.		
Inspector			Also Present (Name)		
Dan Young			David H.		

THE ABOVE FACILITY WAS INSPECTED FOR COMPLIANCE WITH APPLICABLE SECTIONS OF DIVISION 30 OF PUBLIC RESOURCES CODE (PRC) AND TITLE 14 AND TITLE 27 CALIFORNIA CODE OF REGULATIONS (CCR)

<input checked="" type="checkbox"/>	No Violations or Areas of Concern
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Inspection Report Comments:

This is a routine monthly inspection.

This facility is an active landfill which operates 24 hours per day, Monday through Saturday. Tarps and ash (acquired from a Covanta facility in Long Beach) are used as Alternative Daily Cover (ADC) and deployed Saturday at closing through Monday morning. The County of Riverside Department of Waste Resources oversees the load check program and scale house at this site.

The weather at time of inspection was 71°F, partly cloudy, with 1 MPH winds blowing east southeast.

USA Waste employee David H. assisted with this inspection.

Records were reviewed for the previous month of May;

Special Occurrences / Accidents / Injuries:

May 3 – What was thought to be an explosive was found in the waste at the active face. The Riverside County Sheriff Hazardous Device Team was called in. The item was later confirmed to not be an explosive.

May 4 – A small fire occurred near the active face. The waste effected by the fire was segregated and smothered with dirt and ash then doused in water. After allowing ample time for cooling the material was reintroduced back into the active face.

May 10 – AQMD inspection.

May 26 – LEA inspection.

Complaints:
None.

Employee Safety Training:
Heat illness prevention, hazmat / LQG / E-waste, seat belts, backing up, and defensive driving.

Tonnage:
The tonnage report is sent to the LEA via email by County Waste Resources and is attached to this report. This facility has not exceeded its maximum permitted tonnage for this month.

Load Check:
The load check summary is sent to the LEA via email by Riverside County Department of Waste Resources and is attached to this report. There was a total of 387 load check inspections conducted this month. In 274 of these checks, no prohibited wastes were found, in 34 universal / designated waste was found, and in 79 hazardous waste was found. If possible, the landfill returns the prohibited wastes to the responsible party. If the responsible party cannot be located the landfill assumes responsibility for the material.

Site Observations:

Both flares were running today, as well as the odor neutralization system.

All primary access roads were well maintained. Dust was being managed very well, as was windblown litter.

Phase 12 continues to be the only operational cell and is accepting all incoming vehicle types at the landfill. The active face is split between commercial haulers and hand unload deliveries. All commercial haulers discharge on the top deck, while hand unload operations are relegated to the lower deck. Traffic control was in place and appeared to be effective. Four tippers were observed in operation. No birds were observed near the active face.

White goods and scrap metal which are pulled from the waste stream for recycling are still staged along the access road leading to the previous active face. This staging area is operated by the same personnel that conduct litter picking throughout the site.

Excavation activities for phase 13 continue to make significant progress. These activities were not observed to be impacting the rest of the landfill in any negative way.

Landfill gas sampling was conducted at perimeter well 24 today. All four probes were found to be well below the regulatory limit of 5 percent by volume in air. Recent data provided by the landfill gas monitoring team also shows methane levels at this well to be far below the 5% limit. This clears violation 20921 as described on monthly inspection reports from February to May, 2021. See the attached LFG Monitoring Report for further details.

An offsite inspection was conducted in the Dawson Canyon community adjacent to the landfill. The community was evaluated for odors, litter, and nuisance level noise along Dawson Canyon Rd. from Park Canyon to Rim Canyon Rd. Noise, odors, and litter associated with landfill operations were not observed or detected.

If you have any questions or concerns regarding this report, you can email me at DYoung@rivco.org or call (951) 955-8980.