



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

IN REPLY PLEASE

REFER TO FILE: **EP-5**

January 15, 2019

Mr. Chris Coyle, General Manager
Sunshine Canyon Landfill
Republic Services, Inc.
14747 San Fernando Road
Sylmar, CA 91342-1021

Dear Mr. Coyle:

SUNSHINE CANYON CITY/COUNTY LANDFILL ALTERNATIVE DAILY COVER PILOT PROJECT UTILIZING GEOSYNTHETIC PANEL PRODUCT

On September 21, 2018, Republic Services submitted a Report titled "Evaluation of Alternative Daily Cover (ADC) Using Geosynthetic Panel Product" for the third year of the Pilot Project at Sunshine Canyon Landfill. The report presents the findings for the timeframe of October 1, 2017, to August 31, 2018. The pilot project began on October 12, 2015 and has been approved for two 1-year extensions by Los Angeles County Public Works.

Based on the data and information presented in this report, Public Works hereby approves Republic's request for a modification of the additional corrective measures imposed by Public Works in accordance with Condition 45N of the Conditional Use Permit (CUP) and the use of the geosynthetic panel product as ADC on a permanent basis and the cessation of the pilot project. The approval is subject to the following conditions:

General Conditions of Approval

Effective Area – These requirements apply to all areas within the "Limits of Fill" of Exhibit "A-2" as defined in the combined "City/County Project" pursuant to the Los Angeles County CUP.

Standards and Program Requirements

1. ADC Material Specifications – The ADC material to be used shall be limited to a non-reusable, geosynthetic Extended Enviro™ cover with a thickness of 1.75 millimeters, as stated in the Republic Services' original proposal. Any proposed change of this ADC material will require prior approval from Public Works.
2. Equipment Specifications – The Extended Enviro™ cover shall only be deployed using EPI's extended Enviro™ Cover System Deployer Model 800 (Deployer). Any proposed change to this equipment will require prior approval from Public Works.
3. ADC Material Procedures – The ADC material shall only be applied as described in the following restrictions:
 - a. The ADC material shall be applied at the end of each operating day or at more frequent intervals (except Saturday) and shall be left in place at the start of the following day's operations.
 - i. No removal of this ADC material shall be conducted after it is applied at the Working Face.
 - ii. The ADC material will be placed over the entire deck of the operating day's Working Face.
 - iii. The maximum exposure time for the ADC material shall not exceed 5 days.
 - iv. The ADC material shall not be placed on any outside slopes or slopes that will not be part of the operating day's Working Face for longer than 180 days.
 - v. The ADC material shall not be used for intermediate or final cover.
 - b. Six inches of soil shall be used for daily cover at the close of operations on Saturdays and shall remain in place on Monday mornings.
 - i. Republic is allowed "peel back" operations of the soil cover Monday mornings at the Working Face.
 - ii. There shall be no "peel back" in places where the cover soil has been in place for more than 30 days.
 - iii. The "peel back" operations shall be managed in a manner to minimize odors.
 - iv. Only soil may be used as cover on the outside and temporary slopes.

- c. The ADC material will be used on one lift per day.
 - d. The maximum size of the Working Face deck area shall be no larger than 3 acres.
4. Material Placement – The ADC material shall be placed as detailed in Republic Services' Report as follows:
- a. General Placement Procedure
 - i. The Deployer is loaded with a roll of the Extended Enviro™ cover and on-site ballast material.
 - ii. The Deployer is positioned on the outside edge of the cover area to deploy the first panel of the ADC material. The outside edge shall be positioned at a minimum of 5 feet from the outside of the waste material.
 - iii. During the application process, the ADC material is unrolled from the Deployer while ballast material is simultaneously discharged at a controlled rate to securely anchor the ADC material onto the Working Face.
 - iv. On successive adjacent runs to deploy the ADC material. The material is placed so that it overlaps by not less than 10 percent, thus forming a compression-type seal creating a continuous closure and impermeable barrier between the waste and the environment.
 - b. Placement During Windy Conditions – During high-wind conditions, the following operational measures shall be implemented and maintained:
 - i. Wind direction and speed must be established to better determine how the ADC material will be deployed.
 - ii. Upon determination of the wind direction, the ADC material will be placed parallel to the wind direction to minimize the potential uplifting of the material.
 - iii. Additional overlap of the ADC material can be applied, provided that natural tearing and puncturing of the overlapped material as a result of the heavy equipment operating on top of previously covered trash is maintained.
 - c. Placement During Rainy/Stormy Conditions – During rainy/stormy conditions, the following operational measures shall be implemented and maintained:

- i. Intactness of the ballast material shall be maintained to ensure that the ballast material is not washed away by water runoff.
 - ii. No ponding on the surface of the ADC material shall occur. If ponding occurs, appropriate measures shall be taken to resolve this issue.
 - iii. Placement of the ADC material on the working face shall be appropriately deployed to prevent stormwater run-off underneath the ADC material and to inhibit continuous contact of stormwater on the disposed solid waste.

- d. If conditions such as high-winds or heavy rains prevent compliance with these restrictions and prevent the ADC material from functioning properly, the operator shall cover the Working Face with 9 inches of soil, which shall be kept in place at the beginning of the next operating day. Republic can “peel back” the next day following the same ADC material procedures as on Monday mornings.

Public Works reserves the authority and discretion to modify or apply additional measures to the use of the ADC in the future, as deemed necessary, in accordance with Condition 45N of the Landfill’s CUP.

Mr. Chris Coyle
January 15, 2019
Page 5

For questions regarding this matter, please contact Mr. David Nguyen of Environmental Programs Division, at (626) 458-5189 or dnguyen@dpw.lacounty.gov.

Very truly yours,

MARK PESTRELLA
Director of Public Works



CARLOS RUIZ
Principal Engineer
Environmental Programs Division

MC:jl

P:\Sec\01.14.19 ADC Approval of Pilot Project 01.docx

cc: Los Angeles County Department of Regional Planning (Maria Masis,
Tim Stapleton)
Los Angeles County Department of Public Health (Shikari Nakagawa-Ota,
Maurice Pantoja, Dorcas Hanson-Lugo)
City of Los Angeles Department of City Planning (Tiffany Butler,
Nicholas Hendricks)
Sunshine Canyon Landfill Local Enforcement Agency (Shikari Nakagawa-Ota,
Maurice Pantoja, Dorcas Hanson-Lugo, David Thompson)
Sunshine Canyon Landfill Technical Advisory Committee (Lisa Webber,
Jon Sanabria)
Sunshine Canyon Landfill Community Advisory Committee (Wayde Hunter)
Members of the Los Angeles County Solid Waste Management
Committee/Integrated
Waste Management Task Force