

LOS ANGELES COUNTY
SOLID WASTE MANAGEMENT COMMITTEE/
INTEGRATED WASTE MANAGEMENT TASK FORCE
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August 14, 2018

Mr. Steve Cassulo, District Manager Chiquita Canyon Landfill 29201 Henry Mayo Drive Castaic, CA 91384

Mr. Cassulo:

FINDING OF CONFORMANCE - CHIQUITA CANYON LANDFILL EXPANSION 29201 HENRY MAYO DRIVE, CASTAIC, UNINCORPORATED AREA OF LOS ANGELES COUNTY

The Los Angeles County Solid Waste Management Committee/Integrated Waste Management Task Force (Task Force) has reviewed the Finding of Conformance (FOC) application for the Chiquita Canyon Landfill (Project/Facility) for conformance with the County of Los Angeles Countywide Siting Element (CSE). The subject application was submitted by Waste Connections, Inc., the Project/Facility owner and operator. The application was initially submitted on October 26, 2017, and was deemed complete on April 8, 2018, after receipt of the required materials specified in Chapter 10 of the CSE.

In accordance with the CSE dated June 1997, an FOC is required prior to the physical operation of any new and/or expansion of an existing solid waste disposal facility in Los Angeles County encompassing 88 cities and over 130 unincorporated communities. The Project/Facility is undergoing an expansion and is currently operating under new Conditional Use Permit (CUP) No. 2004-00042 that was approved by the Los Angeles County Board of Supervisors on July 25, 2017.

On July 19, 2018, at its publicly noticed meeting, the Task Force voted to grant an FOC for the Project/Facility subject to a number of conditions as enumerated in the enclosure (Chiquita Canyon Landfill Project – Finding of Conformance with the County of Los Angeles Countywide Siting Element – July 19, 2018). It is the Task Force's position that granting the FOC will not impair or impede solid waste diversion activities in the County of Los Angeles.

Mr. Steve Cassulo August 14, 2018 Page 2 of 2

Should you have any questions regarding this matter, please contact Mr. Mike Mohajer, a member of the Task Force, at MikeMohajer@yahoo.com or at (909) 592-1147.

Sincerely,

Margaret Clark, Vice-Chair

Margaret Clark

Los Angeles County Solid Waste Management Committee/ Integrated Waste Management Task Force and Mayor Pro Tem, City of Rosemead

SS:cso

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Enc.

cc: County of Los Angeles Department of Regional Planning (Sam Dea, Richard Claghorn)

County of Los Angeles Department of Public Works (Coby Skye, Carlos Ruiz)

County of Los Angeles Department of Public Health (Terri Williams,

Maurice Pantoja, Shikari Nakagawa, Dorcas Hanson - Lugo)

Jeffrey Clarin, Regional Engineer, Waste Connections, Inc.

Brenda Eells, Sr. Project Manager, CH2MHill

Each Member of the Los Angeles County Solid Waste Management

Committee/Integrated Waste Management Task Force

Each Member of the Facility and Plan Review Subcommittee

On October 26, 2017, the Los Angeles County Solid Waste Management Committee/Integrated Waste Management Task Force (Task Force) received a request from Waste Connections, Inc., owner/operator of the Chiquita Canyon Landfill (the Applicant) to find the expansion of the existing landfill in conformance with the Los Angeles County Countywide Siting Element, dated June 1997 (Siting Element), pursuant to the requirements/guidelines of the Siting Element (Attachment K). Subsequently, after submittal of additional materials by the Applicant as stipulated by the Siting Element, the application/request was considered complete by the Task Force on July 17, 2018, for evaluation of granting the Chiquita Canyon Landfill (Landfill) a Finding of Conformance (FOC) with the Siting Element. Based on foregoing, on July 19, 2018, after consideration of public comments, the Task Force unanimously voted to grant the Landfill an FOC subject to full compliance with each and all conditions of this FOC as enumerated in **SECTION II** of the FOC. The unanimous vote represented the majority of the Task Force Members/Alternates, including those present at the July 19. 2018, Task Force meeting.

SECTION I - General

A. Background

The Landfill is an existing municipal solid waste landfill which has been in operation since 1972, under Los Angeles County Conditional Use Permit (CUP) No. 1809-5, which expired on November 24, 1997, and was replaced by CUP 89-081 (5). The Landfill previously was granted an FOC by the Task Force on February 19, 1998, which expired in 2017.

The Landfill is located at 29201 Henry Mayo Drive, in the unincorporated area of Castaic, in Los Angeles County (see attached Figure 1, Regional Location Map). The Landfill receives solid wastes from the Santa Clarita Valley, including Val Verde, Castaic, Santa Clarita, and the surrounding unincorporated County; the northern San Fernando Valley; the greater Los Angeles Basin; and Ventura County.

B. Compliance with California Environmental Quality Act (CEQA)

An Environmental Impact Report (State Clearinghouse No. 2005081071) for the Landfill was prepared by the County of Los Angeles, Department of Regional Planning (as the Lead Agency) and certified by the County of Los Angeles Board of Supervisors on July 25, 2017, along with (a) a Statement of Overriding Considerations, (b) Mitigation Measures, and (c) Mitigation Monitoring. A Notice of Determination was filed with the Los Angeles County Clerk on July 25, 2017.

C. General Plan Consistency – Attachment A

The County of Los Angeles Board of Supervisors approved the Conditional Use Permit (CUP) No. 2004-00042 on July 25, 2017 (Attachment A). Based on the latest CUP, the current Landfill area, including the stockpile/borrow areas, buffer zones, and the refuse footprint occupies 639 acres of land (see attached Figure 2, Site Plan). The maximum permitted vertical elevation of the Landfill is not to exceed 1,430 feet above mean sea level, including final cover. The expanded Landfill (new and existing) footprints and vertical elevations shall fully comply with both horizontal and vertical boundaries, as shown on Figures 2 and 4, and field verified by the Los Angeles County Department of Public Works (DPW) on a quarterly basis or other intervals as determined by the DPW.

Through <u>December 31, 2024</u>, the new CUP allows an annual limit of intake of combined solid waste and beneficial use materials not to exceed 2,800,000 tons per year ("tpy"), Effective <u>January 1, 2025 through 2047</u>, the new CUP allows an annual limit of intake of combined solid waste and beneficial use materials not to exceed 1,800,000 tpy. The new CUP also requires the Landfill to relocate the site entrance from State Highway 126, the portion known as Henry Mayo Drive, to Wolcott Way; provide for the development and operation of an on-site household hazardous waste facility and a closed mixed organics composting operation (anaerobic digestion).

D. Solid Waste Facility Permit (SWFP) – (Attachment B)

The Landfill currently operates under Solid Waste Facility Permit (SWFP) No. 19-AA-0052 which was issued by the Los Angeles County Local Enforcement Agency (LEA) on September 30, 1998 (Attachment B). The Applicant is currently working with the LEA to revise the Landfill's current SWFP. The revised SWFP by the LEA will become effective upon concurrence by the California Department of Resources Recycling and Recovery (CalRecycle).

E. Waste Discharge Requirements Permit (WDR) – (Attachment C)

The Landfill currently operates under Waste Discharge Requirements (WDR) Order No.98-086 and Monitoring and Reporting Program (MRP) No. 6231, issued on November 2, 1988 (Attachment C), which were adopted by the Regional Water Quality Control Board, Los Angeles Region (RWQCB-LA). The Applicant is currently working with RWQCB-LA to obtain a new WDR permit. RWQCB-LA anticipates to approve this permit in November of 2018.

SECTION II – Conditions of Compliance with the FOC

- **1. Effective Date** This FOC is effective on July 19, 2018, and replaces all previously granted FOCs, effective immediately.
- 2. Permitted Operations/Activities This FOC is limited to landfilling activities and other permitted waste management operations 2004-00042, authorized by CUP No. including enclosed composting operations, leachate collection and management facilities, Household Hazardous Waste Facility, Landfill Gas-to-Energy Plant, and on-site waste diversion and recycling activities for the Landfill in accordance with CUP No. 2004-00042 which was approved by the Los Angeles County Board of Supervisors on July 25, 2017 (Attachment A).
- 3. Types of Waste Materials The waste materials to be processed and/or landfilled at the site are limited to those that are allowed pursuant to Section 40191 of the California Public Resources Code, including, but not limited to, nonhazardous solid waste, Municipal Solid Waste, Green Waste, Construction & Demolition Debris and E-Waste for recycling. Household Hazardous Waste (HHW) can be accepted only at the Landfill's HHW facility for temporary storage and limited processing, if allowed, and shipment to permitted off-site facilities for management.
- 4. Prohibited Materials The following types of waste shall constitute prohibited waste and shall not be received, processed nor disposed of at the Landfill site: Automobile Shredder Waste; Biosolids; Sludge, or Sewage Sludge; incinerator ash; radioactive material; hazardous waste, as defined in Title 22, Section 66261.3 of the California Code of Regulations; medical waste, as defined in section 117690 of the California Health and Safety Code; liquid waste that contains soluble pollutants in concentrations that exceed applicable water quality objectives; and waste that can cause degradation of waters in the State, as determined by the RWQCB-LA.
- **5. Waste Quantities** The materials received at the Landfill shall be subject to the following:

A. Average Daily Tonnage Capacity:

1. Upon the Effective Date of CUP No. 2004-00042 through December 31, 2024, the amount of Solid Waste that may be

disposed of in the Landfill shall average 6,616 tons per day, Monday through Saturday. The amount of all incoming materials that may be received for processing, disposal, and beneficial use at the Landfill shall average 8,974 tons per day.

2. Effective January 1, 2025, through 2047, the amount of Solid Waste that may be disposed of in the Landfill shall average 3,411 tons per day, Monday through Saturday. The amount of all incoming materials that may be received for processing, disposal, and beneficial use at the Landfill shall average 5,769 tons per day.

B. Daily Maximum Capacity:

The maximum tonnage of any combination of Solid Waste and other materials received by the Landfill for processing, Beneficial Use Materials (including composting), and disposal shall not exceed 12,000 tons on any given day, provided the Monthly Tonnage Capacity shall not be exceeded.

C. Monthly Maximum Capacity

- Upon the Effective Date of CUP No. 2004-00042 through December 31, 2024, the total quantity of all materials received for processing, disposal, and Beneficial Use Materials at the Landfill shall not exceed 233,333 tons in any given month. The amount of Beneficial Use Materials processed as Beneficial Use in any given month shall not exceed 61,308 tons.
- Effective January 1, 2025, through 2047, the total quantity of all materials received for processing, disposal, and Beneficial Use Materials at the Landfill shall not exceed 150,000 tons in any given month. The amount of Beneficial Use Materials processed as Beneficial Use in any given month shall not exceed 61,308 tons.

D. Composting Facility Capacity:

The amount of incoming materials for processing at the Organic Waste Composting Facility shall not exceed 560 tons per day. This amount shall also be included in the amount of Beneficial Use Materials allowed.

E. Annual Maximum Capacity:

- 1. Upon the Effective Date of CUP No. 2004-00042 through December 2024, the maximum annual tonnage capacity of all materials received by the Landfill for processing shall not exceed 2,800,000 tons in any calendar year. Of this overall tonnage, Solid Waste disposed may not exceed 2,064,300 tons and Beneficial Use Materials (including Compost) processed as Beneficial Use may not exceed 735,700 tons in any calendar year.
- 2. Effective January 2025 through 2047, the maximum annual tonnage capacity of all materials received by the Landfill for processing shall not exceed 1,800,000 tons in any calendar year. Of this overall tonnage, Solid Waste disposed may not exceed 1,064,300 tons and Beneficial Use Materials (including Compost) processed as Beneficial Use may not exceed 735,700 tons in any calendar year.
- **6. Hours of Operation** The Landfill shall be subject to the following operating hours:
 - A. Upon the Effective Date of CUP No. 2004-00042 through December 31, 2024, the Landfill may receive Solid Waste and Beneficial Use Materials only between the hours of 4:00 a.m. to 5:00 p.m., Monday through Saturday. At any given time, no offsite queuing shall be allowed.
 - B. Effective January 2025 through 2047, the Landfill may receive Solid Waste and Beneficial Use Materials only between the hours of 5:00 a.m. to 5:00 p.m., Monday through Saturday. At any given time, no offsite queuing shall be allowed.
 - C. The Landfill and all of its operations shall be closed on Sundays.
 - D. Upon the Effective Date of CUP No. 2004-00042 through December 2024, the operations at the Landfill, such as site preparation and maintenance activities, waste processing (including composting operation) and the application of cover, shall be conducted only between the hours of 3:00 a.m. and 7:00 p.m., Monday through Saturday. This operating restriction shall not apply to Landfill activities that require continuous operation, such as gas control.

- E. Effective January 2025 through 2047, the operations at the Landfill, such as site preparation and maintenance activities, waste processing, and the application of cover, shall be conducted only between the hours of 4:00 a.m. and 7:00 p.m., Monday through Saturday. This operating restriction shall not apply to Landfill activities that require continuous operation, such as gas control.
- F. The hours of operation in subsections 6. A. and B., may be extended to receive Inert Debris at the site to accommodate special projects that generate construction debris at night time, only with an Operational Assessment Plan, approved by the DPW.
- G. Upon the Effective Date through December 2024, equipment maintenance activities at the Landfill may be conducted only between the hours of 3:00 a.m. and 7:00 p.m., Monday through Saturday.
- H. Effective January 2025 through 2047, equipment maintenance activities at the Landfill may be conducted only between the hours of 4:00 a.m. and 7:00 p.m., Monday through Saturday.
- I. Upon the Effective Date through December 2024, no diesel vehicle shall be started at the Landfill between the hours of 7:00 p.m. and 3:00 a.m.
- J. Effective January 2025 through 2047, no diesel vehicle shall be started at the Landfill between the hours of 7:00 p.m. and 4:00 a.m.
- 7. Limits of Fill Total horizontal boundaries and vertical boundaries (as identified by contours) of the Landfill shall be as approved by the Los Angeles County Board of Supervisors pursuant to CUP No. 2004-00042, Conditions Nos. 26 and 29. The limits are as shown on the attached Final Grading Plan (Figure 2, attached). The maximum vertical height of the Landfill, including final cover, shall not exceed a final fill elevation of 1,430 feet above mean sea level as shown in Figures 1 through 14 (attached).

- **8. Term** This FOC shall terminate upon one of these conditions:
 - a) The Landfill reaches the Limits of Fill as depicted on the Final Grading Plan (Figure 2, attached); 60 million tons; or June 28, 2047 (30 years after the Approval Date of CUP No. R2004-00042-(5), whichever occurs first (refer to Figures 1 through 14 (attached for reference).
 - b) Any "significant change" in the operation of the Landfill as defined in Chapter 10.4 of the Siting Element.
 - c) This FOC is subject to review and reconsideration concurrent with the SWFP revocation, revision, modification or at an earlier date as may be determined by the Task Force.
- 9. Regulatory Compliance The Applicant must comply with the requirements of all laws and regulations of the Federal, State, County, regional, and local regulatory agencies. Failure of the Applicant to comply with any of these laws and/or regulations may be considered by the Task Force as a cause for revocation of this FOC.
- **10. Waste Load-Checking** the Applicant shall provide the Task Force with a copy of the comprehensive Waste Load Checking Program (Program), as approved by the Los Angeles County Department of Public Health (DPH), at the address indicated at the end of this FOC. The Applicant shall implement the Program to preclude disposal of prohibited waste at the Landfill. The Program shall comply with Condition No. 48 of the CUP No. 2004-00042, Part IV of the Implementation and Monitoring Program and any other requirements of the DPH, the State Department of Health Services, the State Department of Toxic Substances Control, and the RWQCB-LA. The Applicant shall submit a copy of any revision/modification of the Program to the Task Force.
- 11. Litter Control Litter control measures shall be implemented by the Applicant in accordance with the approved CUP No. 2004-00042 (Attachment A Condition No. 83-87). The Applicant submitted a Litter Control Program on August 24, 2017, to DPW for review and approval (Attachment E). DPW reviewed the submitted materials and consequently approved the Litter Control Program on January 29, 2018.

- 12. Conversion Technologies The Applicant shall actively work with the Task Force in promoting conversion technologies as alternatives to landfilling and incineration. This shall include, but not be limited to, (a) supporting and promoting legislation and regulations which would provide economic incentives for the development of conversion technologies, and (b) supporting and promoting legislation and regulations which would remove conversion technologies from the definition of transformation and give them full diversion credit towards the State waste reduction mandates. Note: Pursuant to the CUP No. 2004-00042 (Attachment A Conditions Nos. 80 and 118), Conversion Technologies are defined as "the various state-of-the-art technologies capable of converting post-recycled or residual Solid Waste into useful products, green fuels, and renewable energy through non-combustion thermal, chemical, or biological processes."
- **13. Seismic Monitoring** The Applicant shall implement and comply with the following seismic monitoring requirement in the event of a magnitude 5 or greater seismic event (Seismic Event):
 - a. Complete the installation of an accelerometer onsite to measure earthquake/seismic ground motions, within 180 days after the Effective Date of CUP No. 2004-00042. DPW has received the Work Plan for the Earthquake and Seismic Ground Motion Monitoring system for Chiquita Canyon Landfill dated December 5, 2017, and the revised submittal dated February 7, 2018. DPW, on February 22, 2018, approved the Work Plan conditionally, subject to the following conditions:
 - i. Signed as-built onsite accelerometer system plans must be provided to Public Works.
 - ii. A Damage Assessment Report shall be submitted to Public Works, following a Seismic Event.

On April 10, 2018, DPW received the signed as-built plan for the onsite accelerometer system.

b. After a Seismic Event, as recorded by the closest ground motion monitoring device as maintained by the California Division of Mines and Geology, thoroughly survey the Landfill for primary and secondary surface expressions of seismic activity (such as surface ruptures, landslides, change in spring flows, liquefaction, etc.). Submit a damage assessment report on the results of the

survey to the Task Force, the DPW, and the Local Enforcement Agency for review. The assessment report shall describe and discuss all features, including damage to the site and infrastructure, caused by the earthquake and measures that will be taken to mitigate the impact.

- 14. Waste Characterizations On a semi-annual basis, the Applicant shall conduct waste characterizations of the incoming waste stream destined for disposal over a one-week period during the months of March and September. The results shall be submitted in the attached Monitoring and Reporting Form (Attachment F) with the reports due April 30 and October 31 of each year to the Task Force.
- **15. Disposal Quantity Reports** The Applicant shall submit to the Task Force monthly waste disposal quantity reports by jurisdiction of origin on a quarterly basis, within 30 days of the end of the quarter. Alternatively, the reports may be submitted according to the timeline and schedule as specified by the DPW's Solid Waste Information Management System (SWIMS).

The information shall be provided in the format approved by the Task Force and/or as may be updated by the Task Force (Attachment G) or be submitted online via the SWIMS at www.LACountySWIMS.ORG.

Failure to comply with these reporting requirements shall be considered as a cause for revocation of this FOC.

- **16.** Change in Ownership In the event of any change in operator or control of ownership of the Landfill by Waste Connections, the Applicant shall:
 - a. Notify the Task Force, in writing, of such change within ten calendar days;
 - Notify the succeeding owner and operator by letter, a copy of which shall be filed with the Task Force, of the existence of this FOC; and
 - c. The new owner and operator shall jointly submit a written report to the Task Force within 30 days of the change of ownership detailing measures that will be implemented to ensure compliance with the requirements of this FOC.

All responsibilities of the Applicant under this FOC shall be assumed by the succeeding owner/operator upon the change in operator or control of ownership.

- 17. Mitigation Measures The Applicant shall obtain and fully comply with all the permits and approvals (including, but not limited to, drainage, grading, storm water, building, and industrial waste), as well as comply with all mitigation measures listed in the Mitigation Monitoring and Reporting Program (Attachment H), approved by Los Angeles County Board of Supervisors on July 25, 2017, as well as those specified in Attachments D and L, which list various monitoring/mitigating measures, actions required, mitigation timing activities, and the responsible monitoring agencies.
- 18. Subsurface Landfill Gas Migration Unless otherwise approved by the DPW, the Applicant shall install a landfill gas collection, removal and monitoring system, to ensure zero subsurface landfill gas migration beyond the property line. The system shall include, at a minimum, the following components: horizontal and vertical extraction wells, collection and removal/management components, as well as a series of perimeter monitoring wells installed at the property lines. Additionally, all new disposal areas shall have liner membrane systems as specified by the RWQCB-LA.
- 19. Odor Mitigation For odor mitigation, the Applicant shall operate the landfill in such a manner that odor generated from the landfill shall not become a nuisance, as defined by Title 11, Section 11.02.300 of the Los Angeles County Code, to adjacent residential and business areas. In the event that odors become a nuisance in adjacent residential and business areas, the Applicant shall take all necessary steps to abate that nuisance. Additionally, the Applicant (landfill owner/operator) shall comply with all conditions as listed under the Air Quality section of the approved CUP, conditions 63 through 74 (Attachment A Conditional Use Permit No. 2004-00042, July 25, 2017) as well as full compliance with Title 11.02 of the Los Angeles County Code.
- 20. Closure, Post-Closure Maintenance, and Corrective Action Plans The Applicant shall provide a copy of the Closure, Post-Closure Maintenance, and Corrective Action Plans, including financial assurance demonstrations, as approved by CalRecycle and RWQCB-LA to the Task Force within 60 days of approval of the FOC, 10-business day of

approval of the SWFP by the LEA/CalRecycle, or 10-business day of approval of the WDR by the RWQCB-LA, whichever occurs last.

- 21. Compliance with Approved Documents The Applicant agrees to be responsible for the timely acquisition of all permits, licenses, and other approvals required for the operation or maintenance of the Landfill. The Applicant shall provide copies of all such approvals, and any renewals thereof, to Task Force.
- **22. Notice of Violation** Upon receipt of any Notice of Violation (NOV) issued by a regulatory agency, the Applicant shall submit a copy to the Task Force within 10 business days after receipt of the NOV.

All documents and reports required by this FOC shall be submitted to the following address:

Los Angeles County Solid Waste Management Committee/Integrated Waste Management Task Force c/o County of Los Angeles Department of Public Works Environmental Programs Division P.O. Box 1460 Alhambra, CA 91802-1460

This FOC was approved by the unanimous vote of the Task Force Members/Alternates at the July 19, 2018, meeting of the Task Force.

MARGARET CLARK

Margaret Clark

Vice Chair, Los Angeles County Solid Waste Management Committee/ Integrated Waste Management Task Force and Mayor Pro Tem, City of Rosemead

ATTACHMENTS

- A. Conditional Use Permit No. 2004-00042, July 25,2017
- B. Solid Waste Facility Permit, dated September 30, 1998
- C. Waste Discharge Requirements, Order No. 98-086, dated November 2, 1998
- D. Facility Siting Criteria Evaluation Form
- E. Litter Control Program, dated August 24, 2017
- F. Biannual Solid Waste Monitoring and Reporting Form
- G. Form 13, Monthly Disposal Quantity Reporting Form
- H. Mitigation Monitoring and Reporting Program, approved by Los Angeles County Board of Supervisors on July 25, 2017
- Existing Finding of Conformance, Chiquita Canyon Landfill Expansion, February 19, 1998
- J. Notice of Determination, dated July 25, 2017
- K. Countywide Siting Element Chapter 10 FOC Requirements
- L. Implementation and Monitoring Program Approved by the Los Angeles County Board of Supervisors on July 25, 2017

FIGURES AND MAPS (attached)

- 1. Figure 1: Regional Location Map
- 2. Figure 2: Exhibit A Final Grading Plan
- 3. Figure 3: New Entrance Plan
- 4. Figure 4: Proposed Phasing Limits
- 5. Figure 5: Existing Leachate Collection System
- 6. Figure 6: Existing Base/Grading System
- 7. Figure 7: Existing Landfill Gas Control System
- 8. Figure 8: Proposed Leachate Collection System for Cells 6 & 8
- 9. Figure 9: Proposed Leachate Collection System for Cells 7, 9 & 10
- 10. Figure 10: Cross Sections and Details
- 11. Figure 11: Land Use Map
- 12. Figure 12: Structures within the Landfill Area of Expansion and a 1000-foot Buffer
- 13. Figure 13: Structures on the CCL Property and Adjacent Land Uses
- 14. Figure 14: Structures within the Landfill Area of Previously Permitted Waste Footprint Plus 1000-ft Radius