

## Roles, Gary W.

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**From:** Marcus Dufort [REDACTED]  
**Sent:** Thursday, May 08, 2014 7:14 PM  
**To:** Roles, Gary W.  
**Cc:** Justin Fellhauer  
**Subject:** RE: SSFL D&D EIS information  
**Attachments:** 10-20-11 Five Year SW Permit review .pdf

Hi Gary,

I've attached a copy of the 5-year solid waste permit for Chiquita Canyon Landfill. Also, our remaining landfill capacity is over 96,000,000 cubic yards.

Best Regards,

**Marcus Dufort**  
Environmental Engineer  
Waste Connections, Inc.



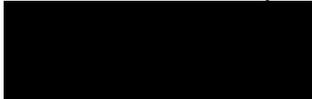
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**From:** Marcus Dufort  
**Sent:** Thursday, May 08, 2014 12:38 PM  
**To:** 'Roles, Gary W.'  
**Cc:** Justin Fellhauer  
**Subject:** RE: SSFL D&D EIS information

Hi Gary,

I will forward your message along to our landfill manager, Steve Cassulo, who will be able to provide you with copies of our landfill permits and give you a better estimate of Approximate Remaining Landfill Capacity.

**Marcus Dufort**  
Environmental Engineer  
Waste Connections, Inc.



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**From:** Roles, Gary W. [REDACTED]  
**Sent:** Thursday, May 08, 2014 6:59 AM  
**To:** Marcus Dufort  
**Cc:** Justin Fellhauer  
**Subject:** RE: SSFL D&D EIS information

Thank you very much for your response, and in particular the current waste acceptance guidelines. Could you also send me a copy of your current permit. Because SSFL entities have been accused of sending waste to facilities without permits or improper permits for the wastes they received, our client wants to verify what is in their permits.

Also, I am not sure at this time the level of detail that would appear in the EIS, but we may end up summarizing various candidate waste management facilities in a table. Could you take a look at the table below and see if we have described your capabilities and services to your satisfaction? I put together the information from publicly available sources, including CalRecycle in the case of the approximate remaining landfill capacity (because of the potential volumes involved the client is very concerned that we address remaining capacities at candidate sites), but wanted make sure that I am not saying something that you would not prefer.

**Table 2. Example Waste Treatment and Disposal Facilities**

| Site <sup>a</sup>  | Location    | Approximate Distance (miles) | Waste Types Accepted and Services   | Approximate Remaining Landfill Capacity |
|--|-------------|------------------------------|---|---|
| <i>California-Based Nonradioactive Treatment and Disposal Facilities</i> |             |                              |   |   |
| Chiquita Canyon Sanitary Landfill (Waste Connections, Inc.)              | Castaic, CA | 32                           | Class III landfill. Accepts municipal solid waste, green materials for composting or recycling, construction and demolition debris, inert waste, and nonhazardous soil. Services include recycle of green waste, asphalt and concrete, and metal. | 22,400,000 cubic yards as of 3/31/2010. |

Once again, thanks for your help.

Best Regards.

Gary Roles

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**From:** Marcus Dufort [REDACTED]  
**Sent:** Wednesday, May 07, 2014 5:58 PM  
**To:** Roles, Gary W.  
**Cc:** Justin Fellhauer  
**Subject:** RE: SSFL D&D EIS information

Gary,

It was great talking with you last week. I apologize for the delay. I've reviewed the SSFL Chemical Lookup tables you provided and found everything to be within the acceptable limits for disposal at Chiquita Canyon Landfill. Looking at Table 1 in your email, the waste categories our facility are willing to accept include Trash, Contaminated soil (non-hazardous), and Demolition debris (non-hazardous). Unfortunately at this time we are not permitted to accept any liquids or semi-solid wastes (containing 50 % solids or less).

To further assist your evaluation, I've attached a copy of our Waste Acceptance Guidelines. You may refer to these for more information regarding soil testing, constituent limits, sampling frequency, approvals and acceptance procedures. I've also added our sales representative Justin Fellhauer to the chain for you to contact regarding pricing and logistics.

It's been a pleasure working with you. Please let me know if I can be of further assistance.

Best Regards,

**Marcus Dufort**  
 Environmental Engineer  
 Waste Connections, Inc.

**From:** Roles, Gary W. [REDACTED]  
**Sent:** Thursday, May 01, 2014 10:19 AM  
**To:** Marcus Dufort  
**Subject:** SSFL D&D EIS information

Marcus!

Thanks for taking my call.

I am contacting you for any information that you can hopefully provide regarding the acceptance of waste for disposition at your site.

Leidos is participating in preparation of an environmental impact statement (EIS) for the U.S. Department of Energy addressing alternatives for remediation of a portion of the Santa Susanna Field Laboratory (SSFL) in Simi Valley, CA. This EIS will address remediation of the Energy Technology Engineering Center (ETEC) at SSFL, where remediation will principally involve remediation of contaminated soil and decontamination and demolition of structures. Remediation of the remaining portion of SSFL is the responsibility of the NASA, which has already issued an EIS for this activity. In addition, the State of California plans to issue its own environmental document addressing the entire SSFL.

Based on agreements with the State of California, ETEC will be cleaned to background concentrations, where background concentrations are to be determined for chemicals by use of a look-up table established by the California DTSC. (Look-up table values for over a hundred chemicals are attached. Look-up values for additional chemicals may be developed.)

Remediation of ETEC alone may result in generation of very large volumes of contaminated soil and rock (up to 1.7 million cubic yards) and much smaller volumes of demolition debris. Common chemical contaminants that will be addressed during soil cleanup include PCBs, PAHs, petroleum hydrocarbons, and metals such as lead, mercury, or silver. **Table 1** summarizes the projected waste categories that may require offsite shipment, plus projected disposition pathways (e.g., landfill, recycle). At this time we expect two principal categories of contaminated soil: soil that would be classified as hazardous under California requirements, and soil that would not be classified as hazardous, but would contain chemicals in concentrations that exceed the required look-up values. Thus, there could be large quantities of soil that are only very slightly contaminated. Similarly, there may be soil that contains radionuclides as well as regulated chemicals (either in hazardous or nonhazardous concentrations). Other waste streams include ordinary trash, demolition debris either clean or contaminated with radionuclides, and hazardous waste from demolition activities (e.g., lead, PCB light ballasts, asbestos) that may or may not be contaminated with radionuclides. (It is expected that most of the hazardous waste from building demolition will be asbestos.) Finally, some possible soil remediation methods could generate a contaminated wastewater stream that will require offsite disposition.

**Table 1. Principal SSFL Waste Categories Requiring Offsite Shipment**

| Waste Category   | Typical Materials   | Projected Disposition  |
|--|---|--|
| Trash  | Paper, plastic, food or drink cans  | Class III landfill, recycle  |
| Contaminated soil (nonhazardous)                           | Soil, rock  | Class II or Class III landfill, depending on acceptance criteria       |
| Demolition debris (nonhazardous)                           | Asphalt, concrete steel, wires, cable, machinery  | Inert or Class III landfill, depending on acceptance criteria, recycle |
| Contaminated soil (hazardous)                              | Soil, rock  | Class I landfill   |
| Contaminated demolition debris (hazardous)                 | Lead, lead-based paint, mercury switches, asbestos or asbestos-containing material, PCB light ballasts. | Class I landfill   |
| LLW – soil with radioactive material only                  | Soil, rock  | LLW or MLLW disposal facility  |
| MLLW – soil with radioactive and hazardous material in any | Soil, rock  | MLLW disposal facility   |

|  |   |                               |
|--|---|-------------------------------|
| concentrations   |   |                               |
| LLW – demolition debris with radioactive material only   | Asphalt, concrete steel, wires, cable, machinery  | LLW or MLLW disposal facility |
| MLLW – demolition debris with radioactive and hazardous material   | Lead, lead-based paint, mercury switches, asbestos or asbestos-containing material, PCB light ballasts. | LLW or MLLW disposal facility |
| Wastewater from soil treatment   | Contaminated water  |                               |
| LLW = low-level radioactive waste; MLLW = mixed low-level radioactive waste; PCB = polychlorinated biphenyl. |   |                               |

Additional information about ETEC decommissioning, the EIS, and other background information such as environmental sampling data is at [www.etc.energy.gov](http://www.etc.energy.gov).

No decisions have been made about where any waste from ETEC remediation could be sent. What we are trying to do at this time is to scout for candidate sites for the various waste categories, and develop an information base for the candidate sites in terms of: (1) the types of services provided (e.g., disposal, processing for disposal or recycle), (2) materials accepted (and not accepted) for disposition, and (3) remaining landfill capacities. This type of information would be used to help make assumptions for purposes of environmental analysis, such as the environmental impacts associated with waste transportation. (These impacts differ, for example, based on population densities along the transportation routes and the distances the materials are transported.) Basically, the intent is to provide a summary of as much information as possible in a table such as Table 2. We drafted this table based on publicly available information (e.g., internet searches), but are unsure regarding its completeness and accuracy. Regarding the listed (and incomplete) estimates of remaining landfill capacities, we summarized information as available from the CalRecycle web site, but the information is dated.

**Table 2. Example Waste Treatment and Disposal Facilities**

| Site <sup>a</sup>  | Location    | Approximate Distance (miles) | Waste Types Accepted and Services   | Approximate Remaining Landfill Capacity |
|--|-------------|------------------------------|---|---|
| <i>California-Based Nonradioactive Treatment and Disposal Facilities</i> |             |                              |   |   |
| Chiquita Canyon Sanitary Landfill (Waste Connections, Inc.)              | Castaic, CA | 32                           | Class III landfill. Accepts municipal solid waste, green materials for composting or recycling, construction and demolition debris, inert waste, and nonhazardous soil. Services include recycle of green waste, asphalt and concrete, and metal. | 22,400,000 cubic yards as of 3/31/2010. |

We understand that Waste Connections operates a facility near SSFL that might be suitable for some waste categories – i.e, the Chiquita Canyon Landfill at Castaic, CA, which we thought may be considered for wastes such as lightly contaminated soil, uncontaminated demolition debris, or general office refuse. We were hoping that you could assist us in accurately completing this table, making note of any important restrictions or limitations. (For example, are there restrictions on plant matter accompanying nonhazardous waste soil?) If you believe that that the facility would be unsuitable for nonhazardous but still regulated material (e.g., slightly contaminated soil), we would appreciate you're informing us, or any treatment requirements based on land disposal restrictions that may be required before the waste could be received. We would also greatly appreciate any suggestions you may have for other Waste Connections sites, if any, that may be suitable for any of the waste categories. For example, some wastewaters contaminated with hazardous constituents may be generated that would require management.

Thank you very much for any assistance that you can provide. I can be reached at the above email address or by telephone [REDACTED]. I am in and out of the office, and use of email or my cell could avoid telephone tag.

Best regards.

Gary

**Gary W. Roles | Leidos**  
Nuclear Engineer



| [leidos.com/engineering](https://leidos.com/engineering)



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Director and Health Officer

**JONATHAN E. FREEDMAN**  
Chief Deputy Director

**ANGELO J. BELLOMO, REHS**  
Director of Environmental Health

**KEN MURRAY, REHS**  
Director of Environmental Protection Bureau

**Solid Waste Program**  
**Cindy Chen, Chief**  
5050 Commerce Drive  
Baldwin Park, California 91706  
TEL (626) 430-5540 • FAX (626) 813-4839

[www.publichealth.lacounty.gov](http://www.publichealth.lacounty.gov)

October 18, 2011

Susan Markie-Manager  
CalRecycle  
Permits and Certification Division  
Permitting and Assistance Branch-South  
P.O. Box 4025  
Sacramento, CA 95814-4025  
Mail Stop10A-15

Dear Ms. Markie:

**FIVE YEAR PERMIT REVIEW REPORT FOR CHIQUITA CANYON LANDFILL**  
**SWIS No. 19-AA-0052**

Enclosed is the Permit Review Report (PRR) for Lancaster Landfill, dated October 18, 2011. The Solid Waste Facility Permit application was received on April 19, 2010 and accepted as complete and correct on October 18, 2011. The Solid Waste Management Program (SWMP) has determined that an application for RFI amendment to update the Joint Technical Document that was submitted as part of the application for 5 Year Permit Review.

The first page of the current Solid Waste Facility Permit has been replaced with an updated page which indicates the next permit review due date. Also enclosed is a copy of the application that was submitted as part of this 5 Year Permit Review.

Should you have any questions, please call me at (626) 430-5543.

Very Truly Yours,

Gerry Villalobos, EHS IV  
Solid Waste Management Program/LEA

Enclosures

cc: Mike Dean, Waste Connections, Inc. (enclosures)  
Nelly Castellanos, SWMP (electronic copy only)  
Martin Perez, CalRecycle (electronic copy only)



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# 5 Year Permit Review Report

|                          |                                 |                         |
|--------------------------|---------------------------------|-------------------------|
| Chiquita Canyon Landfill | 19-AA-0052                      | 10/18/2011              |
| Facility Name            | Facility Number                 | Review Date             |
| Los Angeles County LEA   | Gerry Villalobos                | <i>Gerry Villalobos</i> |
| Enforcement Agency       | Reviewer's Name (Type or Print) | Reviewer's Signature    |

## Documents Reviewed

| Document Name   | Document Code* | Date                 | Updates |
|---|----------------|----------------------|---------|
| Solid Waste Facility Permit                               | SWFP           | 9/30/1998            |         |
| Solid Waste Facility Permit Application for Permit Review | SWFPA          | 4/16/2010            |         |
| Joint Technical Document                                  | JTD            | 9/2003               | 4/2010  |
| Conditional Use Permit, No. 89-081(5)                     | CUP            | 5/20/1997            |         |
| Waste Discharge Requirements File No. 67-020              | WDRs           | 11/1996              |         |
| Environmental Impact Report SCH No. 92071053              | EIR            | 5/1995               |         |
| Financial Assurance Mechanism Review                      | FA             | 5/18/2011            |         |
| Finding of Conformance                                    | FOC            | 2/19/1998            |         |
| LEA Inspections   | LEA INSP       | Jan 2009 to Aug 2011 |         |

## Findings

| Document Code | Page Number | Finding  |
|---------------|-------------|--|
| SWFP          | 1           | The net tonnage of waste disposed at the landfill on any given operating day shall not exceed 6,000 tons per day (tpd) and shall not exceed 30,000 tons per week.  |
| SWFP          | 1           | The current permit allows for the facility to be open 24 hours per day for landfill and ancillary operations. The facility is permitted to receive waste 24 hours per day except 5:00 pm Saturday through 4:00 am Monday. The LEA may allow for the receipt of waste one Sunday per quarter for the purposes of receive waste from clean-up days provided to residents of Val Verde. |
| EIR           |             | The EIR allowed for the expansion of the facility to a maximum expanded fill capacity of 23 million tons as well as a green waste composting operation which is allowed to process up to 560 tpd of green waste.   |
| LEA INSP      |             | An inspection of the facility was conducted by the LEA site inspection on September 12, 2011. No violations or areas of concern were noted   |
| LEA           |             | On June 8, 2010 an inspection of the facility was conducted by CalRecycle staff along with staff of the LEA. No violations were issued to the facility at that time.   |
| Asset Sale    |             | On February 13, 2009 CalRecycle and the County of Los Angeles were notified of a definitive agreement which provided for the sale of the facility by Republic Services to Waste Connections which was signed on February 6, 2009. On October 6, 2009 the LEA submitted a replacement Page 1 of the SWFP to reflect the change of ownership of the facility to Waste Connections.     |

### Conclusions Re: Permit Status (Revision/Suspension/Revocation)

On July 7, 2011 the facility operator submitted an application for a replacement Conditional Use Permit to extend the waste footprint within the existing site boundary from 257 acres to approximately 381 acres. The proposed project would also increase the final elevation from 1,430 MSL to 1,573 MSL. The Proposed Project would result in a modification of the existing groundwater monitoring network and expansion of the perimeter monitoring probe network for gas migration. The Proposed Project will still retain the right to construct support facilities which were permitted under CUP 89-081 that includes a Materials Recovery Facility and Household Hazardous Waste Facility.

Changes/updates made to the April 2010 JTD that was submitted as part of this 5 Year Permit Review will need to be submitted as an RFI amendment pursuant to 27 CCR 21570(f). Submit all necessary documents for RIF amendment no later than November 22, 2011.

Prior to any expansion of the facility as described in the application for a revised Conditional Use Permit the facility operator will be required to submit an application to revise the SWFP pursuant to 27 CCR 21570(f).

### Directives Given to Operator

| Permit Action Required:<br>(Check One Box)                               | Documents to be Submitted:<br>(Check All Applicable Boxes) |
|--|--|
| <input type="checkbox"/> Submit Application for Permit Revision          | <input type="checkbox"/> Updated RFI                       |
| <input type="checkbox"/> Permit Suspension                               | <input type="checkbox"/> Financial Assurances              |
| <input type="checkbox"/> Permit Revocation                               | <input type="checkbox"/> CEQA Compliance                   |
| <input checked="" type="checkbox"/> Submit Application for RFI Amendment | <input type="checkbox"/> Preliminary Closure Plan          |
| <input type="checkbox"/> Submit Owner/Operator Change Notification       | <input type="checkbox"/> Final Closure Plan                |
| <input type="checkbox"/> Other (specify below)                           | <input type="checkbox"/> Other (specify below)             |
|  |  |
|  |  |

\* The Document Code is any symbol you choose to represent the name of a document (e.g. EIR, RDSI, CUP, etc.)

Check here if additional pages have been attached to this form.

# SOLID WASTE FACILITY PERMIT

1. Facility Permit Number:

19-AA-0052

2. Name & Street Address of Facility:

Chiquita Canyon Landfill  
29201 Henry Mayo Drive  
Castaic, California 91384

3. Name & Mailing Address of Operator:

Chiquita Canyon, Inc.  
29201 Henry Mayo Drive  
Castaic, California 91384  
Jim Little, Sr. Vice-President

4. Name & Mailing Address of Owner:

Chiquita Canyon, Inc.  
29201 Henry Mayo Drive  
Castaic, California 91384  
Jim Little, Sr. Vice-President

5. Specifications:

A. Permitted Operations:

- Composting Facility (mixed wastes)
- Composting Facility (green wastes)
- Landfill Disposal Site
- Materials Recovery Facility
- Processing Facility
- Transfer Station
- Transformation Facility
- Other: \_\_\_\_\_

B. Permitted Hours of Operation:

Landfill and Ancillary Operations..... 24 hours per day  
Receipt of Solid Waste..... 24 hours per day, except 5:00 pm Saturday through 4:00 a.m. Monday  
see Condition #C-6

C. Permitted Tons per Operating Day:

Non-hazardous - Solid Waste ..... 6,000 Tons/Day  
..... 30,000 Tons/Week  
Non-hazardous - Separated or Commingled Recyclables ..... N/A Tons/Day  
Non-hazardous - Green wastes to be processed at compost facility ..... 560 Tons/Day

D. Permitted Traffic Volume:

Incoming Waste Materials ..... N/A Vehicles/Day  
Outgoing Waste Materials (for Disposal) ..... N/A Vehicles/Day  
Outgoing Materials from the materials recovery operations ..... N/A Vehicles/Day  
Total: N/A Vehicles/Day

E. Key Design Parameters (detailed parameters are shown on site plans):

|                          | Total | Disposal                                 | Transfer | MRF | Composting                     | Transformation |
|--------------------------|-------|--|----------|-----|--------------------------------|----------------|
| Permitted Area (acres)   | 592   | 257                                      | N/A      | N/A | N/A                            | N/A            |
| Design Capacity (cu yds) |       | 29,291,00<br>*see condition #C-2         | N/A      | N/A | 560 tpd<br>*see condition #C-7 | N/A            |
| Max. Elevation (ft. MSL) |       | 1,430                                    |          |     |                                |                |
| Max. Depth (ft. BGS)     |       | N/A                                      |          |     |                                |                |
| Estimated Closure Date   |       | November 24, 2019<br>*see condition #C-4 |          |     |                                |                |

This permit is granted solely to the operator named above. Upon a significant change in design or operation from that described herein, this permit is subject to revocation or suspension. The attached findings and conditions are integral parts of this permit and supersede the conditions of any previously issued solid waste facility permit.

6. Approval

  
\_\_\_\_\_  
Approving Officer Signature  
Cindy Chen, Chief, Solid Waste Management Program

7. Local Enforcement Agency:

County of Los Angeles  
Environmental Health  
Solid Waste Management Program  
5050 Commerce Drive  
Baldwin Park, California 91706

8. Received by CIWMB:

August 7, 1998

9. CIWMB Concurrence Date:

September 23, 1998

10. Permit Issue Date:

September 30, 1998

11A. Permit Review Date:

October 18, 2011

11B. Permit Review Due Date:

October 18, 2016

11C. Permit Transfer Date:

October 5, 2009