

## VENCE CONSULTING

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April 19, 2013

Richard Luthy

Napa - Vallejo Waste Management Authority

1195 Third Street

Room 101

Napa, CA. 94559

**Subject:** Due diligence summary

Dear Mr. Luthy,

This letter serves to transmit the results of due diligence performed by Vence Consulting to confirm and clarify information regarding permit status and long term landfill capacity provided in the proposals submitted by Keller Canyon Landfill, Recology Hay Road Landfill and Potrero Hills Landfill.

The objective of this due diligence exercise is to independently verify information provided in the submittals which will be used during the final evaluation process to clarify issues that may assist NVWMA in the selection of a disposal facility.

Two summary tables were prepared, one that looks at long term landfill capacity to serve the needs of NVWMA and the other that looks at current status of permits including inspections and enforcement status.

### **Long Term Landfill Capacity (Table 1)**

Information was gathered from the publically available landfill Solid Waste Facility Permits (SWFP), issued by CalRecycle, for each site to ascertain design capacity, permitted capacity, and permitted vehicles per day. In addition, we talked to facility staff to get clarification on current volumes including long term commitments that may affect the facility's ability to accept NVWMA waste over the proposed contract term.

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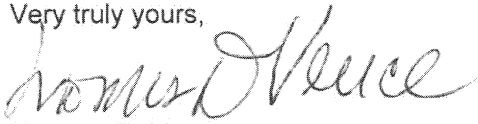
**Permits, Inspections and Enforcement (Table 2)**

Status of current permits including recent inspections, enforcement actions and permit review dates were obtained through publically available information posted on the CalRecycle website through a data base called Solid Waste Information System (SWIS), the California EPA State Water Resources Control Board website data base called California Integrated Water Quality System Project (CIWQS) and discussions with representatives from the Local Enforcement Agency (LEA) as well as other regulators from each jurisdiction providing oversight for the facilities.

**Results of Inquiry**

Based on our review described above and presented in tables 1 and 2, all facilities are in regulatory compliance for full operation and have the capacity to accept NVWMA residue for at least the five year initial term of the proposed agreement.

Very truly yours,



Thomas D. Vence

**VENCE CONSULTING**

<b>Disposal Site Distance</b>	<b>Keller Canyon 31.8mi</b>	<b>Hay Road 32.8 mi.</b>	<b>Potrero Hills 18.9 mi</b>
Design (MCY)	65	37	83
Permitted Capacity t/d7	3500	1200	3400
<b>NVWMA t/d 5</b>	538	538	538
Permitted Capacity t/y 7days/wk <b>(1000)</b>	1,277	438	1241
Recent t/y <b>(1000)</b>	873 (1)	292	398
Under Contract t/y <b>(1000)</b>	604 (1)	73 (after 2013) (4)	328
<b>NVWMA t/y (1000)</b>	140	140	140
Remaining total capacity <b>million tons</b>	54	16	11.8 (3)
Vehicle count Permitted per day (average)	260	500	500
Vehicle count recent per day (average)	200 (1)	320 (4)	303
<b>NVWMA</b> Vehicle count per day (average) (2)	30-35	30-35	30-35

(1) Includes NVWMA. Public not allowed to use facility.

(2) Includes ADC

(3) Spoke with Randy Wall engineer with Golder Associates. Proposal projections refer to Phase I. He is not sure w/o running numbers, how capacity would be affected if 20 yr projection in proposal included both Potrero and NVWMA increasing disposal quantities.(projection now holds both waste streams constant over 20yrs)

(4) Spoke with Greg Pryor of Recology and received clarification of their proposal pages 18 and 69 and average vehicle count information.

Table 2 NVWMA Due Diligence on Permits, Inspection and Enforcement 4/17/2013

	Permits Active (SWIS)	Permit Review Date (SWFP)	Latest LEA Inspection (SWIS)	Enforcement (SWIS)	Comments
Keller Canyon	yes	12/14/2014	3/07/2013 no violations or areas of concern	No enforcement action	(1) (7)
Hay Road	yes	6/23/2013	1/08/2013 no violations or areas of concern	No enforcement action	(4) (5) (6)
Potrero Hills	yes	2/14/2017	1/09/2013 no violations or areas of concern	No enforcement action	(1) (2) (3) (7)

1. Spoke with Alan Freidman (RWQCB) both landfills in good shape. No recent enforcement action.
2. Spoke with Marcy Hannum Solano County (LEA). No current problems.
3. Spoke with Tamiko Endow (BAAQMD) minor methane gas release violation. No major problems.
4. Spoke with Ed Padilla, Solano County Board of Resource Management (LEA). Hay Road in process of getting updated SWFP to increase capacity from 1200 t/d to 2400t/d. No increase in footprint. No major issues with site.
5. Spoke with Mary Boyd (RWQCB) she supplied latest info from the "California Integrated Water Quality System" site. The CIQWS indicated the latest violation in February of 2013 for exceedance of nitrate standards. No enforcement action.
6. Spoke with Paul Hensleigh (Yolo-Solano Air Quality Management District). No outstanding issues. Hay Road is installing a 1.5 MW LFG engine generator that should be on line before end of year.
7. Reviewed the CIQWS no recent violations or enforcement actions.