

City of Calistoga

Staff Report

TO: Honorable Mayor and City Council
FROM: Dylan Feik, City Manager
DATE: February 20, 2018
SUBJECT: Consideration of Authorization for Mayor Canning to Send a Letter of Support for Requested Permit Changes to Upper Valley Disposal Services (UVDS) Related to a Clean Compressed Gas (CNG) Fueling System and to Expand Organic Collection and Processing.

APPROVAL FOR FORWARDING:



Dylan Feik, City Manager

- 1 **ISSUE:** Consideration of authorization for Mayor Canning to send a letter of support for
- 2 requested permit changes to Upper Valley Disposal Services (UVDS) related to a Clean
- 3 Compressed Gas (CNG) fueling system and to expand organic collection and
- 4 processing.
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- 6 **RECOMMENDATION:** Authorize Mayor Canning to send a letter of support to the
- 7 Napa County Planning Commission.
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- 9 **BACKGROUND/DISCUSSION:** After several years in the County’s permit process, the
- 10 Napa Valley Planning Commission will consider the application of UVDS for changes to
- 11 their Use Permit at the March 7, 2018, Napa County Planning Commission meeting.
- 12
- 13 UVDS is requesting the following changes: 1) Constructing a fully enclosed building in
- 14 which to grind and blend organics, 2) a compressed natural gas (CNG) fueling pump
- 15 and 3) an increase of permitted food material for onsite composting from 1,500 tons per
- 16 year to 4,500 tons per year.
- 17

18 The requested changes will allow UVDS to meet the 2020 State of California mandates
19 for diversion of organics from landfills, allowing it to provide local recycling and
20 composting for the communities it serves.

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22 The CNG fueling system will allow UVDS to replace the existing diesel fleet for an
23 environmentally superior, quieter operation.

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25 By allowing more material types like food and wood waste to be composted, less
26 greenhouse gases will be emitted from the landfill and less garbage will be included in
27 individual's containers.

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29 **FISCAL IMPACT:** None

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31 **ATTACHMENTS:**

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33 1. Draft Letter of Support
34 2. UVDS Correspondence
35 3. Background Information
36 4. General Site Plan



CITY OF CALISTOGA

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(707) 942-2805 – Fax (707) 942-0732

February 21, 2018

Jason Hade
Napa County PBES
1195 Third Street, Suite 201
Napa, CA 94559

Dear Jason,

I am in support of Upper Valley Disposal Service's minor permit changes to allow for the establishment of a Clean Compressed Gas (CNG) fueling system and to expand organics collection and processing.

CNG refuse and recycling collection trucks emit fewer emissions and are much quieter on the job than diesel trucks. The Company's request to expand organics collection and processing into compost by allowing for more material types like food and wood waste is important. This will reduce greenhouse gas emissions from the landfill, have greater recycling and more importantly less garbage in my container. By upgrading the facility our community will be able to meet and comply with changing State regulations requiring organics be removed from all California landfills starting in 2020.

I strongly support and look forward to the ability to expand our organics collection program at home and work with these facility permit upgrades.

Sincerely,

Chris Canning, Mayor
City of Calistoga



February 9, 2018

Dear Customer/Friend

As a longtime customer/friend of our family-owned business, I wanted to let you know about an important project at Upper Valley Disposal Service (UVDS). After several years in the County's permit process, the Planning Commission will consider our application for changes at UVDS on March 7. These changes consist of constructing a building in which to grind and blend organics, a compressed natural gas (CNG) refueling pump for our trucks, and an increase of permitted food material for onsite composting from 1,500 tons to 4,500 tons per year.

While these changes do not represent a significant change in UVDS's footprint or operations, these necessary changes will allow us to meet State mandates for diversion of organics from landfills. The increased amount of food material is small compared to UVDS's total permitted of 34,000 tons, and UVDS will continue to serve our agricultural customers by composting grape pomace. Meeting State requirements with the increase in food material also allows us to provide local recycling and composting for our community.

If you feel comfortable expressing support for our project to the Planning Commission, we would welcome your support. Please feel free to address any emails or letters to:

Jason Hade
Napa County PBES
1195 Third Street, Suite 201
Napa, CA 94559
Jason.Hade@countyofnapa.org

Please feel free to contact me with any questions. Attached is a sample letter for your consideration. Thank you for your support in helping us expand organics collection Up Valley.

Best Regards,

Christy Abreu
Christy@uvds.com

The Use Permit Modification proposes: (a) Construction of a 15,000 square foot building to fully enclose an existing composting blending area; (b). Construction of a compressed natural gas (CNG) refueling pump to allow replacement of existing diesel fleet; and (c) An increase in the amount of food material composting from the current 1,950 tons per year to 4,500 tons per year.

UVDS is not proposing any change in the 34,000 tons of compost permitted annually, traffic, operating hours, or operating areas. UVDS is proposing to modify the Use Permit (UP) to construct a 15,000 square foot building in the center of the property in an area already approved for “composting storage/blending area” within the current Use Permit. The concrete tilt-up building will be fully enclosed with closable roll-up doors to minimize odors, noise, and dust potential nuisances. The proposed building is 28 feet high and will follow the campus colors and texture of the existing UVDS building. The property’s existing building square footage is approximately 71,000, so the proposed building represents a 21% increase in building square footage, which qualifies as a minor modification of the Use Permit under County Code. The receiving and blending barn area will be fully enclosed concrete tilt-up structure 150 feet long, 100 feet wide, and 28 feet high, with roll-up doors on 3 sides. The building will be able to support rooftop solar panels. The building will house processing equipment, a grinder, storage bins, and source-separated organic materials. Offices and bathroom facilities are located nearby in the existing Truck Maintenance Building and the Recycling Center.

The application seeks approval to allow a CNG refueling station. CNG refueling is environmentally superior to the current diesel refueling operation. The current collection fleet is fuel by diesel with on-site fueling facilities. The use of compressed natural gas (CNG) presents the ability to transition a dated diesel fleet to a new quieter CNG fleet with a Cummins-Westport engine that is ultra-low NOx, with a 15% reduction of greenhouse gas emission. The refueling facility will be sized to fuel 15 refuse trucks each using an average of 50 diesel gallon equivalents per day. There will be 15 single hose posts with 33’ hoses and two posts will be installed on k-rail at the existing truck parking area as shown on the enclosed site plan. CNG refueling is similar to electric vehicle recharging in that fueling will occur by silently slow-filling from 4:00 p.m. to 4:00 a.m. The minimum standard cubic feet per minute (SCFM) of 143 SCFM will be brought in from the PG&E main line along Highway 29. Refueling will be limited only to UVDS; no commercial or third-party refueling will be permitted.

The Upper Valley Waste Management Authority (UVWMA) intends to propose adding residential food material to green waste carts starting in 2018. UVDS serves as the contactor for UVWMA, which has received numerous inquiries from customers regarding the availability of residential food material composting. Commercial food material will be blended with yard waste and wood waste within the proposed blending barn typically on the day of receipt but always within 48 hours of receipt. UVDS would accept co-collected green waste with food material from UVDS’s collection vehicles that will also be processed and placed into composting within 48 hours of receipt.

The blending barn operation will receive vehicle traffic and tonnages within the total limits of the current Use Permit and Solid Waste Facility Permit; no additional traffic or tonnages are proposed. The proposed changes would allow a proportionally small amount of food material to be included with currently permitted green waste and wood.

Christy Pestoni Abreu, Community Outreach Coordinator
Upper Valley Disposal & Recycling
Clover Flat Resource Recovery Park
South Lake Refuse, Recycling & Compost
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