

## Composting Materials Handling Operation and Facility Inspection Report (93)

<b>Enforcement Agency:</b>		<b>Local Inspection ID:</b>	
County of Napa			
<b>SWIS Facility File Number (99-xx-9999)</b>		<b>Inspection Date</b>	
<b>28-AA-0002</b>		<b>6/25/2018</b>	
<input checked="" type="checkbox"/> LEA Periodic	CalRecycle Closed Sites	CalRecycle Focused	
<input type="checkbox"/> LEA Focused	CalRecycle Enforcement Agent	CalRecycle Periodic	
<b>Inspection Time</b>	3	<b>Time In</b>	<b>Time Out</b>
<b>Facility Name</b>		<b>Received By</b>	
Clover Flat Resource Recovery Park		Clover Flat Landfill, Inc.	
<b>Facility Location</b>		<b>Owner Name</b>	
4380 Silverado Trail Road, Calistoga 94515		Clover Flat Landfill, Inc.	
<b>Inspector</b>		<b>Also Present (Name)</b>	
Greg Pirie		Kaye Woodworth, Bryce Howard	

THE ABOVE FACILITY WAS INSPECTED FOR COMPLIANCE WITH APPLICABLE SECTIONS OF DIVISION 30 OF PUBLIC RESOURCES CODE (PRC) AND TITLE 14 AND TITLE 27 CALIFORNIA CODE OF REGULATIONS (CCR)

**No Violations or Areas of Concern**

V	A	Permits - Facilities	Comments
		PRC 44002 - Operator Authorized by SWF Permit	
		PRC 44004 - Significant Change	
		PRC 44005 - Transfer of Owner or Operator	
	x	PRC 44014(b) - Operator Complies with Terms & Conditions	<p>SWFP Section 15 - Documents describing, restricting operation (JTD). JTD Section 5.2 - Including Site Manager.</p> <p>Site Manager position has been vacant for a several months. This position should be filled to fully manage the landfill and composting activities as described in the JTD.</p> <p>JTD Section 2.2.2 - Storage Methods, Table 2. Storage of Recyclables and Commodities.</p> <p>With the recent fire(s) (including June 22) at the landfill concerning storage of green, wood material, the LEA will monitor future operations as they move forward and may increase or decrease the amount of materials that may be stored - dependent on ability to control fires, maintain small volume size piles (recommend 1,000 cuyd max), perimeter fire lane, available water etc)</p>
		17210.3 - Request for Emergency Waiver	
		17211.3 - Request for Temporary Stip. Agreement	
		17211.4 - Issuing Stipulated Agreement	
		17854 - Compostable Materials Handling Facility Permit	
		17863 - Report of Composting Site Information	

		18104 - Registration Permit (Chipping and Grinding/Vegetative Food Material Composting)	
		21640 - Permit Review Application	
V	A	<b>Filing Requirements - Operations</b>	<b>Comments</b>
		18103.1 - Enforcement Agency Notification Filed	
V	A	<b>Agricultural Material Composting Operations</b>	<b>Comments</b>
		17856(a) - Agricultural Material Composting Operation EA Notification Requirements	
		17856(b) - Agricultural Material Composting Operation Odor Impact Requirements	
		17856(d)(1) - Excess Material on Ag. Land Pose Risk to Public Health & Safety and Environment	
		17856(d)(2) - Exceedance of 12,500 CY of Green Material, On-Site	
V	A	<b>Green Material Composting Operations and Facilities</b>	<b>Comments</b>
		17857.1(a)(2) - Seasonal Variations	
		17857.1(b) - Non-Compliance with Physical Contam. Limits/Processing Requirements/Max. Volume	
		17857.1(c) - Exceedance of 12,500 Cubic Yards	
V	A	<b>Research Compost Operations</b>	<b>Comments</b>
		17862(a) - Max. 5,000 CY on Site	
		17862(b) - In Vessel - LEA/EApp. for > 5000 CY	
		17862(c) - Description and Completion Time Frame	
		17862(d) - Research Time Frame (2 years)	
		17862(e) - Research of Mammalian Tissue	
V	A	<b>Chipping And Grinding Ops and Facilities</b>	<b>Comments</b>
		17862.1(a) - Chip / Grind 200 TPD - EA Notification	
		17862.1(b) - Chip / Grind 200-500 TPD Reg. Permit	
		17862.1(c) - Chip / Grind > 500 TPD Full Permit	
		17862.1(f) - Chip / Grind Contamination Limits	
		17862.1(g) - Chip / Grind Storage Limit Time Exceeded	
V	A	<b>Siting And Design</b>	<b>Comments</b>
		17865(a) - Closed Landfills (Postclosure Land Use)	
		17865(b) - Intermediate Cover (Foundation Stabilization)	

	X	17866 - General Design Requirements	SWFP 17 (J) Location of green and/or wood piles. Green storage involved in the fire was placed on and near side slopes of landfill. JTD Site Plan indicates storage piles are to be on the top operations deck/operations layer of the landfill, not the side slopes, unless at a depth consistent with alternative intermediate cover as stated in Title 27.
V	A	<b>General Operating Standards</b>	<b>Comments</b>
		17863.4 - Odor Impact Minimization Plan	
		17863.4.1 - Odor BMP Feasibility Report	
		17867(a)(1) - Prohibited Wastes	
		17867(a)(2) - Odor Control	
		17867(a)(3) - Vectors/Litter/Hazard/Nuisance/Noise/Dust	
		17867(a)(4) - Random Load Checks	
		17867(a)(5) - Compost Contamination	
		17867(a)(6) - Unauthorized Access	
		17867(a)(7) - Traffic Control	
		17867(a)(8) - Signs	
	X	17867(a)(9) - Fire Prevention, Protection and Control	(9) of this section states "(9) The operator shall provide fire prevention, protection and control measures, including, but not limited to, temperature monitoring of windrows and piles, adequate water supply for fire suppression, and the isolation of potential ignition sources from combustible materials. Firelanes shall be provided to allow fire control equipment access to all operation areas."  Due to the placement of green material on steep slopes, fire prevention and suppression measures may be difficult. The area involved in the fire event included green material on and near the side slopes of the upper pad of the landfill. Previous hot spots were observed in April 2018 - the operator states in the last several weeks there have been inconsistent internal combustion, smoldering, and small amounts of smoke.  Fire prevention and water was available. Ghilotti Construction was also on site, along with CAL FIRE/Napa County Fire response, to contain the fire. Fire was contained within approximately 3 hours (June 22)
		17867(a)(10) - Telephone or Radio Communication	
		17867(a)(11) - Physical Contamination Refuse Removed	
		17867(a)(12) - Enclosed Activities Ventilation	
		17867(a)(13) - Leachate Control	
		17867(a)(14) - Physical Contamination Prevented or Removed	
		17867(a)(15) - Site Attendant	
		17867.5 - Personnel Training	
V	A	<b>Sampling Requirements (Operations that sell or give away &gt; 1000 cubic yards and all Facilities)</b>	<b>Comments</b>
		17868.1(a) - Sampling Requirements	
		17868.1(c) - Alternative Methods Approved	

V	A	Maximum Metal Concentrations	Comments
		17868.2(a) - Metal Concentration Exceeded	
		17868.2(b) - Alternative Methods Approved	
V	A	Pathogen Reduction	Comments
		17868.3(a) - Pathogen Levels Exceeded	
		17868.3(c) - Windrow/Aerated Static Pile Temperature Monitoring	
		17868.3(d) - Alternative Methods Approved	
V	A	Physical Contamination Limits	Comments
		17868.3.1(a) - Physical Contamination Limits	
V	A	Green/Vegetative Food Material Processing	Comments
		17868.5(a) - Load Checking / Sorting	
		17868.5(b) - Physical Contaminants	
		17868.5(c) - Personnel Training	
		17868.5(d) - Records	
V	A	Record Keeping	Comments
		17869(a) - Inspection of Records	
		17869(b) - Special Occurrences	
		17869(c) - Public Complaints	
		17869(d) - Feedstock and Compost	
		17869(e) - Load Checking	
		17869(f) - Article 7 Test Results	
		17869(f)(1) - Pathogen Reduction Methods	
		17869(g) - Record of Serious Injuries	
		17869(h) - Training Records	
V	A	Site Restoration	Comments
		17870(a) - Notice 30 Days Prior to Restoration	
		17870(b) - Protection Public Health, Safety, Environment	
		17870(c) - Restoration Procedures Performed	

**Comments:**

Clover Flat Landfill experienced a fire and response on June 22, 2018. CFL personnel, Ghilotti Construction (on-site), and Cal Fire/Napa County Fire responded and had the fire under control in approximately 3 hrs. The green material fire was located on intermediate cover, side slope facing the maintenance shop. Total area of green material involve approx. 500 cuyd within a pile of over 2,000 cuyd. Equipment, response personnel, water, was all available. Concerns of green material storage in the area had been mentioned on previous reports. Review the Areas of Concern noted above. Review daily log and daily activity sheet for detailed operator response.