

Composting Materials Handling Operation and Facility Inspection Report (93)

Enforcement Agency:		Local Inspection ID:	
County of Napa			
SWIS Facility File Number (99-xx-9999)		Inspection Date	
28-AA-0002		7/6/2018	
LEA Periodic	CalRecycle Closed Sites	CalRecycle Focused	
<input checked="" type="checkbox"/> LEA Focused	CalRecycle Enforcement Agent	CalRecycle Periodic	
Inspection Time	4.0	Time In	Time Out
Facility Name		Received By	
Clover Flat Resource Recovery Park		Clover Flat Landfill, Inc.	
Facility Location		Owner Name	
4380 Silverado Trail Road, Calistoga 94515		Clover Flat Landfill, Inc.	
Inspector		Also Present (Name)	
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)

<input type="checkbox"/>	No Violations or Areas of Concern
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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/smolders(s) (including Sept 1, June 22, July 4) 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> <p>GREEN MATERIAL: Table 2 states Clean Green Material and/or co-collected with residential food material have a storage time of 7 days storage without a biofilter (formal composting techniques).</p> <p>ALL GREEN MATERIAL SHALL BE STORED FOR 7 DAYS OR LESS, THEN HUALED OFF-SITE OR USED FOR AN APPROVED BENEFICIAL REUSE. LEA has discretion to increase/decrease volumes.</p> <p>WOOD (CONSTRUCTION MATERIAL, PALLETS): Table 2 states Clean Recovered Wood Material has a storage time of 60 days. (Not mixed with curbside or landscape wood material)</p> <p>ALL WOOD MATERIAL SHALL BE STORED FOR 60 DAYS OR LESS, THEN HUALED OFF-SITE OR USED FOR AN APPROVED BENEFICIAL REUSE.</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	Filing Requirements - Operations	Comments
		18103.1 - Enforcement Agency Notification Filed	
V	A	Agricultural Material Composting Operations	Comments
		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	Green Material Composting Operations and Facilities	Comments
		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	Research Compost Operations	Comments
		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	Chipping And Grinding Ops and Facilities	Comments
		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	Siting And Design	Comments
		17865(a) - Closed Landfills (Postclosure Land Use)	
		17865(b) - Intermediate Cover (Foundation Stabilization)	

X		17866 - General Design Requirements	<p>SWFP 17 (J) Location of green and/or wood piles. Green storage involved in the June 22 fire (with a large amount currently remaining) was placed on and southern 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.</p> <p>GREEN MATERIAL ON SOUTHERN SIDE SLOPES ARE NOT LOCATED ON TOP OPERATIONS LAYER - GREEN MATERIAL SHALL BE REMOVED WITHIN 7 DAYS - ONLY MATERIAL THAT MAY REMAIN IS 12-24" OF ALTERNATIVE INTERMEDIATE COVER/EROSION CONTROL CONSISTEN WITH TITLE 27.</p> <p>LARGE GREEN AND "BLOND" WOOD PILES (APROX 2,000 CU YD EACH) TO EACH BE SEPARATED INTO TWO, 1,000 CU YD PILES.</p>
V	A	General Operating Standards	Comments
		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	<p>(a)(9) of this section states "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."</p> <p>Due to the placement of green material on steep southern slopes, fire prevention and suppression difficult. The area involved in the smolder response of green material of the landfill was located on the operations layer with greater access. 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.</p> <p>Fire prevention and water was available. Further mitigation requirements may be identified by the Napa County Fire Marshal.</p>
		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	Sampling Requirements (Operations that sell or give away > 1000 cubic yards and all Facilities)	Comments
		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:

"Focused" inspection report - Clover Flat Landfill fire (smolder) response on July 4, 2018 - LEA inspection July 6, 2018. On July 4th at approximately 7pm white smoke notice by passerby and called 911. CAL FIRE/Napa County Fire responded and extinguished the hot spot (approximate size of a vehicle) CFL personnel left for the day approximately 30 min prior to the response. The green material fire was located on intermediate cover, in a small windrow shape pile. CFL personnel returned and stayed on-site with equipment, water, made sure fire was out and were present 24 hours.

Refer to June 22, 2018 inspection for previous fire response event.

Refer to Kaye Woodworth's Compost Fire Incident Report (July 5, 2018) for further incident specifics.

Refer to Areas of Concern and/or Violations above for descriptions, recommendations, and directives for the Owner/Operator.

Attachment Pictures:

Site Overview.

Southern Side Slopes across from maintenance area (material removal in progress).