

RESPONSE 109

~~determine if it will continue to be used.~~ The placement of the intermediate and final cover will provide a barrier that will reduce the amount of odor emissions as decomposition of wastes occurs over time.

Leachate Handling Procedures – Leachate must be removed from the collection system at a rate to maintain less than 30 cm of head on the liner. Leachate may be removed by pumping directly from the sump to a storage tank, evaporation pond, recirculation system, or a transfer truck. The evaporation pond may be a source for odors and must be monitored. The evaporation pond may be equipped with aerators to further reduce the emission of odors by forcing oxygen into the leachate.

Ponded Water – Water ponded over waste disposal areas may become a source of odors and should be eliminated prior to the occurrence of odors. Ponded water that occurs in the active portion of the site or on a closed area will be eliminated as quickly as possible and the area in which the ponding occurred shall be filled in and regraded within 7 days of the occurrence.

Gas Extraction System – Odor reduction may be achieved by installing a gas extraction system. The gas extraction system will minimize the migration of gases either horizontally or vertically. Gases collected in an extraction system may be distributed to such processing devices as a flare or processing plant.

4.14.1.3 Odor Response Procedures

Upon identification of an odor emission from the landfill, landfill personnel will attempt to isolate the source of the odor. If an identifiable odor is detected, the LM or designated alternate will be notified, who will initiate the necessary remedial actions. Remedial actions may include applying additional cover over the suspect area, using odor controlling sprays applied directly to the working face, controlling any ponded water on the site, adjusting the gas extraction system, sealing the riser pipe covers of the leachate collection system, prompt landfilling of odorous waste, or other methods proven to be beneficial for remediating landfill odors. If odors persist, the LM or designated alternate may contract with an engineer or other expert to address specific remediation issues.

4.15 Disease Vector Control §330.151

Conditions favorable to the production or harboring of disease vectors (rodents, flies, and mosquitoes) shall be minimized through proper compaction of the waste and the use of daily and intermediate cover, ~~as appropriate.~~ Vectors are attracted by wastes and water that serve as food and breeding grounds. The working face of each disposal area shall be minimized and daily cover ~~or approved ADC~~ shall be applied to control disease vectors. Landfill cover procedures are described in Section 4.22 of this SOP. To further control disease vectors, ponded water shall be controlled, as detailed in Section 4.23 of this SOP. Bird populations should also be controlled by using daily cover ~~or approved ADC~~, minimizing the working face, and controlling ponded water. These daily operation measures will eliminate the need for any additional methods of vector control under normal circumstances. However, site personnel shall

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~~continuously evaluate the situation and take additional action should it be required. observant for insects and rodents and report problems to the LM or designated alternate. Should daily operations not control vectors. Professional exterminators will be contacted, if necessary, to eliminate rodents or other pests that may appear at the site. If chemicals are needed for disease vector control, a professional will apply the appropriate chemical at the industry recommended rate, and use the appropriate health and safety practices to minimize any potential adverse effects.~~

4.16 Site Access Roads §330.153

All-weather site access roads provided from the public road to the unloading area(s) will consist of compacted gravel, crushed stone, asphalt, concrete, or other road building material. The tracking of mud and debris onto public roadways from the site shall be minimized.

Tracking of mud onto public roadways, including Little Flock Road, Avenue H, and Loop 363, will be controlled by minimizing the amount of mud on site entrance and access roads and on vehicles leaving the site. Vehicles leaving the site will traverse all-weather site access road and paved site entrance roads allowing for mud to be removed from the vehicle. Additionally, landfill traffic may be directed through the wheel wash prior to leaving the facility to minimize mud being tracked past the gatehouse.

Mud on the site entrance and access roads will be removed to prevent tracking of mud onto public access roads. Mud on site access roads will be removed by grading the mud off of the road. Mud on the site entrance road may be removed by spraying water from the site water truck, by scraping with a site bulldozer or maintainer, or using a rotary broom street sweeper. Mud will be removed from the public roadway, site entrance, and access roads in a similar manner, as necessary, to control the tracking of mud onto public roads and at least once per day on days when mud associated with landfill operation may be tracked onto public roadways.

Litter and debris will be controlled. Litter and debris that are tracked onto public roadways will be removed at least once per day on days when the site is operating. Litter on Little Flock Road, Avenue H, and Loop 363 will be picked up in accordance with Section 4.12, Materials Along Route to Site. Litter along the site entrance and access road will be picked up in accordance with Section 4.9, Control of Windblown Solid Waste and Litter. Debris will be picked up daily from all on-site roads and from Little Flock Road, Avenue H, and Loop 363 for a distance of 2 miles in each direction from the site entrance. Site laborers will load any debris into the site pickup. The debris will be taken to the working face and disposed of properly.

Dust from on-site and other access roads shall be controlled on an as-needed basis to avoid becoming a nuisance to surrounding areas. A water source and the necessary equipment shall be provided by the LM or designated alternate for dust control.