

Baker Commodities - LA Division

Sludge Offloading and Containment

Standard Operating Procedure

April 2024

PURPOSE

To describe the Sludge Offloading and Containment SOP for disposing of and storing Sludge at the Baker Commodities facility at 4020 Bandini Blvd., Vernon, CA ("the Facility").

SOP DEFINITIONS

"Sludge" –water-bearing solids produced at the Facility during operations that are disposed of.

"Roll Off Bin" – 20' to 40' covered, or maintained within an enclosure, rolling bin provided to Baker by an outside trash company to store Sludge before it is hauled away offsite for disposal.

"Baker Bin" – Baker-owned closeable containers used to catch and collect Sludge from Operating Equipment.

"Operating Equipment" –The Operating Equipment related to this SOP includes the Centrisys, the J&M skimmer, and the Water Plant.

"Baker Bin Enclosures" – Small metal enclosures attached to the Centrisys, the J&M skimmer, and the Water Plant equipment that house the Baker Bins for each piece of Operating Equipment and have an access door to be used when checking on and removing the Baker Bins to be emptied.

USE AND HANDLING OF THE BAKER BINS

1. Sludge handling in general
 - i. The employee shall take the full, covered Baker Bin to a Roll Off Bin, shall open the cover on the Baker Bin and the cover on the Roll Off Bin, and empty the contents from the Baker Bin to the Roll Off Bin.
 - ii. After a Baker Bin is emptied into a Roll Off Bin, an employee shall immediately place a cover securely on the Baker Bin and on the Roll Off Bin and return the Baker Bin to its previous location in or near the Operating Equipment.
2. Sludge handling prior to the construction of the Baker Bin enclosures
 - i. Sludge shall be collected in covered bins. Sludge shall be dropped into the bin through an enclosed path.
3. Sludge from the Operating Equipment shall be discharged into a Baker Bin within a Bin Enclosure on a continual basis while the Operating Equipment is in use. The access doors to the Baker Bin Enclosures shall be kept closed unless the Baker Bins are being checked or removed because they are full, or for other maintenance, repair, or emergency situations (which such emergency situations exclude storage emergencies).
4. A dedicated employee shall periodically check the level of Sludge in the Baker Bins to determine when they should be removed and emptied. How often the Baker Bins must be checked or emptied will depend on how much Sludge is in the product being processed through the Operating Equipment.
5. When a Baker Bin is full, a dedicated employee shall open the access door to the Bin Enclosure and place a cover securely on the Baker Bin so that it remains closed.
6. The employee shall then remove the covered Baker Bin from the Bin Enclosure with a forklift.

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7. After the full Baker Bin has been removed, the employee shall then either immediately replace the full Baker Bin with an empty Baker Bin and close the access door, or if the Operating Equipment is turned off, the employee shall close the access door and insert an empty Baker Bin in the Bin Enclosure later, but before the Operating Equipment is restarted.
8. The employee shall take the full, covered Baker Bin to a Roll Off Bin, shall open the cover on the Baker Bin and the cover on the Roll Off Bin, and empty the contents from the Baker Bin to the Roll Off Bin.
9. After a Baker Bin is emptied into a Roll Off Bin, an employee shall immediately place a cover securely on the Baker Bin and on the Roll Off Bin and return the Baker Bin to its previous location in or near the Operating Equipment.
10. Any Sludge that is spilled within a Baker Bin enclosure shall be washed down daily to drains within the enclosure and be pumped over through a closed system to the water plant for processing. Any Sludge that is spilled outside of a Baker Bin Enclosure shall be washed and cleaned immediately upon discovery.

USE AND HANDLING OF THE ROLL OFF BINS

1. All Roll Off Bins shall remain covered with a cover or placed within the Raw Material Enclosure, unless they are being loaded with Sludge or being taken offsite by the outside trash company. Baker shall specifically instruct the trash company to also maintain the cover on the Roll Off Bin.
2. When emptying a full Baker Bin into a Roll Off Bin, an employee shall open the cover of the Roll Off Bin and the Baker Bin and immediately dump the Sludge from the Baker Bin into the Roll Off Bin.
3. After transferring the Sludge to the Roll Off Bin, the employee shall immediately close the cover of the Roll Off Bin and Baker Bin and check for any spills.
4. If a spill is spotted on or around the outside of the Baker Bin or Roll Off Bin, an employee shall immediately clean up the spill upon discovery of the spill.
5. Any bin which may have developed cracks or leaks shall be taken out of service until repairs have been performed.
6. As soon as a Roll Off Bin is nearly full, an employee shall contact the outside trash company to come pick up the Roll Off Bin.
7. After they arrive at the Facility, the outside trash company will check in at the guard shack and then drive to where the Roll Off Bins are kept.
8. The outside trash company will pick up the full Roll Off Bin, drive it to the scale at the Facility, weigh it, and then haul it offsite to be emptied.
9. After emptying a Roll Off Bin offsite, the outside trash company will haul the empty Roll Off Bin to the Facility, check in at the guard shack, drive to where the Roll Off Bins are kept, and drop off the empty Roll Off Bin.
10. The number of times a full Roll Off Bin must be hauled away by the outside trash company to be emptied offsite will depend on the amount of Sludge being produced.
11. If a Roll Off Bin is not available for depositing Sludge, then activities that generate Sludge shall cease until a Roll Off Bin with capacity is available.