

- Regulated soaps, detergents, or other cleaning agents will not be added to wash water unless necessary to achieve decontamination.
- Pressure washing will normally use cold water.

6.2.4 Waste Generation Management

The following sections describe types and management of expected wastes.

6.2.4.1 *Miscellaneous Waste*

Miscellaneous waste containers will be staged within the onsite CERCLA Area. Containers of miscellaneous waste will be dispositioned based on waste determination results.

6.2.4.2 *Decontamination and Calibration Fluids, and Altered Screening Samples*

Decontamination fluids (water and/or nondangerous cleaning solutions) generated from cleaning equipment and tools in the onsite CERCLA Area will be contained, sampled if necessary, and transported as appropriate to the Effluent Treatment Facility or to the CERCLA modular storage units located in the 600 Area. If necessary, decontamination fluids can be containerized, over-packed, and temporarily stored within the onsite CERCLA Area.

Additional chemical decontamination of sample equipment may be conducted at the Waste Sampling and Characterization Facility (WSCF) because decontamination and containment systems already are established at this location. Decontamination fluids may be managed at the 600 Area Modular Storage Units as needed.

Fluids from the calibration and calibration checks of sampling instruments (e.g. pH probes, Oxidation-Reduction Potential meters and probes, etc.), expired sampling products and rinsate from sample container preparation, as well as altered screening samples from Pump-and-Treat facilities and field screening activities, may be managed at the 600 Area Modular Storage Units as needed.

6.2.4.3 *Equipment and Construction Materials*

Equipment and construction materials that contact suspect dangerous and/or suspect mixed waste will be decontaminated as necessary (e.g., with a three-bucket wash or with a high-pressure wash within a wash basin capable of retaining rinsate), or will be treated as miscellaneous waste. All water used for decontamination activities shall be potable (that is, Hanford Site potable water). Rinsates shall be managed as decontamination fluids. All sampling equipment shall be cleaned and decontaminated for chemical contamination after radiological release by a radiological control technician.

If equipment is to be dispositioned, a declaration of excess form will be completed. If necessary, equipment and construction materials can be containerized and stored within the onsite CERCLA Area.

6.2.4.4 200W P&T Off Specification In-process Water

Mixed liquor and in-process water generated during layup of the 200W P&T biological treatment system can be managed at the modular storage units with concurrence from the lead regulatory agency. Prior to receipt at the MSUs, the mixed liquor or in-process water will be sampled and analyzed for characteristic dangerous waste parameters. The results will be used to verify that addition of the mixed liquor to the MSUs will not result in a characteristic dangerous or hazardous waste.

6.2.5 Management of Waste Containers

Waste containers are inspected prior to use to ensure the integrity of the container. The containers will be staged within the onsite CERCLA Area. Containers awaiting analytical results will be marked and labeled

as appropriate. Weekly inspections will be performed to document the integrity, container marking/labeling, physical container placement, storage area boundaries/identification/warning signs, and any potential leakage. Containers showing signs of deterioration will be identified on the container inspection form and will be overpacked or repackaged. Spills or releases will be reported as stated in Section 6.3.6. In the event of a spill or release, appropriate and immediate action will be taken to protect human health and the environment.