

4.3.2.2 Other Wastes

Other wastes generated at Trapper Mine consist mainly of petroleum products. These include grease, oil, lubricants and solvents used for the equipment. These wastes are generated almost exclusively at the shop and wash/lube building.

Petroleum waste products are disposed of in one of two ways. When practical, these products are dumped directly into bulk storage containers. This is the case during scheduled maintenance and repair operations. The waste oil is hauled away by an outside contractor to recycle or stored for use with our diesel fuel/anfo blend system.

Incidental petroleum wastes that are produced in the facilities area and cannot be collected and stored in bulk containers, i.e. oil and grease from washing and cleaning equipment, collect in the industrial waste pond. Floor drains in the shop and wash and lube buildings drain into this pond.

Industrial Waste Pond:

The industrial waste pond was constructed in late 1975. The core is compacted clay and the remainder of the dam is compacted fill. All compaction is to 95 percent of optimum. This dam is currently in good condition and is checked regularly. This pond provides initial settling for the industrial wastes generated at the mine facilities complex. The pond is not used for sediment and runoff control.

Contaminated water from the shop and wash/lube bay collect in a concrete sump and then discharges into the industrial waste pond (Figure 4.3-1). The industrial waste pond originally used two underground oil separator tanks to remove petroleum residuals before discharging to the west of the impoundment. In early 2020 the discharge pipes in the oil separator tanks, as originally installed, were plugged and abandoned. The pond is now a non-discharging facility. All water is detained to allow the settling of contaminants and is reused in the equipment wash bays for washdown water. Water level is checked regularly to assure maximum detained water levels are not exceeded. Water is drawn from a concrete vault at the south end of the pond and pumped to two 20,000-gallon storage tanks. A high-pressure pump draws from these tanks to provide water to the wash bays.