

SALINAS VALLEY SOLID WASTE AUTHORITY

FACT SHEET

CRAZY HORSE LANDFILL CLOSURE

SITE LOCATION AND DESCRIPTION KEY INFORMATION



Location:

The Crazy Horse Canyon Landfill is located approximately nine miles north of the City of Salinas at 350 Crazy Horse Canyon road, which is approximately 1.25 miles south from U.S. 101, two miles northeast of Prunedale and approximately ten miles east of Moss Landing on Monterey Bay. Crazy Horse lies within the southeastern area of the elevated hilly region in northern Monterey County. This area is situated between the Pajaro River Valley to the north, the Salinas river Valley to the south, and Monterey Bay to the west and the Gavilan Range to the east. The nearest residences to the south are located approximately 800 feet from the site. The nearest residences to the west of the site are located approximately 600 feet from the site.

Site History:

The Crazy Horse Canyon Landfill began operation in 1934.

Current Owner:

Salinas Valley Solid Waste Authority (SVSWA) took over operation in 1997.

Acreage:

160 acres (72 acres permitted for Class III refuse disposal).

Current Permits:

The California Integrates Waste Management Board and the Regional Water Quality Control Board have issued permits allowing the Landfill to accept non-hazardous municipal solid waste.

Permitted Tonnage:

1,400 Tons per day.

Life Span:

Landfill has reached permitted capacity and may close in May 2009.

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FACILITY BACKGROUND

The Crazy Horse Canyon Landfill can generally be separated into three areas, the closed Module 1 area, the inactive south slopes, and the current active top deck area. The closed Module 1 area consists of a 6-acre unlined area, located in the southeastern portion of the property. The current active fill location consists of approximately 30 acres on the top deck area. The current active fill area includes both lined and unlined disposal areas. From its inception in 1934 until about 1966, the Old Fill area was used as a burn dump. Municipal waste was disposed of in this area using burial methods from about 1966 to 1972. Module 1 was subsequently covered and closed in accordance with a Water Board approved plan in March 1989. The Active Fill area has been used for non-hazardous waste disposal since about 1972. Landfill disposal areas developed after October 9, 1993 were constructed with a composite liner system in accordance with Title 27 of the California Code of regulations (CCR).



The facility is used for the disposal of municipal solid waste, which is generated from commercial establishments, light industry, institutions, offices, residences, and construction sites. A recycling program has been implemented at the site where containers for recyclable materials (i.e., glass, paper, plastics, cardboard, and appliances, etc) are available to the public free of charge at a centralized location. Metal, green waste, soil/aggregate, and CRTs are also accepted to encourage continued recycling. Household hazardous waste (antifreeze, car batteries, used oil, and paint) is accepted at a portable hazardous waste facility located within the site. In addition to a scale house; a landfill gas collection and generation system producing 1.5 megawatts of electricity are located onsite.

CURRENT SITE ACTIVITIES

Leachate Collection and Removal System

Leachate is rainwater percolating into the landfill waste and collected at the bottom of the landfill. The Leachate is collected via a system of underground pipes and disposed.

Landfill Gas Monitoring Systems

Crazy Horse operates a landfill gas extraction and treatment system to prevent landfill gas from migrating into the groundwater or polluting the atmosphere. Landfill gas is collected and converted into electricity, which is sold to PG&E.

Storm Water Monitoring System

Crazy Horse Landfill monitors and evaluates the quality of surface water that collects in the landfill's surface water drainage system. This type of system verifies that landfill waste does not come in contact with precipitation and storm water runoff.

FUTURE PLANS

The Authority intends to close the landfill site in May of 2009. The closure project will be an environmental construction project designed to protect the surrounding environment by designing environmental systems to prevent contamination of air, water and soil. The closure project will commence in early 2010 and is expected to cost approx. 8.5 million dollars.