



# Marty Asbestos and Waste Site Update

## USEPA Region 8

Operational Period 02:

Monday, May 23<sup>rd</sup>, 2022 – Sunday, May 29<sup>th</sup>, 2022

### WEBSITE

[response.epa.gov/MartyAsbestosWaste](https://response.epa.gov/MartyAsbestosWaste)

### SITE DESCRIPTION

The Marty Asbestos and Waste site includes two structurally unsound buildings (St. Joseph and St. Katherine) at an active boarding school in Marty, South Dakota, as well as a large unregulated dumping site 2 miles northeast of town. The entire Site is on the Tribal lands of the Yankton Sioux.

The school buildings contain asbestos and lead based paint. School officials have attempted to restrict access to the buildings, but students and trespassers may be exposed. The dumping location is used dozens of times each day and often catches fire.



**School Building Site**



**Unregulated Dump Site**

### SITE OBJECTIVE

EPA is conducting a CERCLA Time Critical Removal Action to:

1. Demolish and removal of two asbestos-containing school buildings.
2. Remove the White Frame Building, which has been recently condemned, to aid in the removal and hauling of the two school buildings. This will allow the St. Katherine's building wall to be separated from the Pacelli Building.
3. Remediate the unregulated dumping location to support future use by the Tribe as a transfer station.



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### **SAFETY MESSAGE**

Individuals entering the two buildings at the school property are at risk for exposure to asbestos and lead based paint. At the dump location there is potential for chemical hazards, smoldering waste piles, and vermin, which could be a source for spreading disease. EPA's activity is an active construction zone where and moving heavy equipment can be unsafe.

### **OPERATIONAL PERIOD OBJECTIVES**

#### **For the Marty School and Dump Location:**

1. Continue the construction of the Repository.
2. Segregate, crush and consolidate waste at the Dump Site for placement into the repository.
3. Identify disposal options for tires collected at the Dump Site.
4. Complete the demolition of the St. Joseph Building and the White Frame Building (adjacent to St. Katherine Building).
5. Prep and size demolition waste for loading and hauling to the repository.
6. Begin the demolition of the St. Katherine Building.
7. Maintain dust control operations at both Site locations

### **OPERATIONAL PERIOD ACCOMPLISHMENTS**

1. Construction of the repository cell is approximately 45% complete. Operations have been slowed by the discovery of several large pockets of previously buried trash and debris during excavation. Because of the clays present at this location, the pockets have been inundated with infiltrate. The ERRS crew has taken steps to collect the accumulated water for treatment and discharge (See Photos Below).
2. Waste originally found at the repository location has been consolidated, crushed, and imbedded into clay. It has been staged and is awaiting placement upon the completion of the repository.
3. A disposal location for the approximately 2,500 tires collected at the Dump Site has been selected. Arrangements for transportation are underway.
4. Demolition of the St. Joseph Building was completed on May 26<sup>th</sup>, 2022 (See Photos Below). Demolition of the White Frame Building was completed on May 28<sup>th</sup>, 2022 (See Photos Below).
5. Debris from both St. Joseph and the White Frame Buildings has been sized and prepped for loading.
6. Demolition of the St. Katherine Building began on May 27<sup>th</sup>, 2022 (See Photos Below).
7. Dust suppression activities are in-place and operational at both locations





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### PLANNED ACTIVITIES

#### For the Operational Period of May 30<sup>th</sup>- June 5<sup>th</sup>:

1. Maintain Support, Contamination Reduction and Exclusion Zones.
2. Secure work areas and prevent unauthorized entry.
3. Maintain temporary structures to protect the Pacelli Building.
4. Complete the demolition of the St. Katherine Building.
5. Prepare the repository to receive waste.
6. Complete the preparation and sizing of building demolition waste for loading and hauling.
7. Begin placing the consolidated trash into the repository.
8. Begin hauling building debris to the repository.
9. Maintain dust suppression at both locations.

### OPERATIONAL PERIOD 02 PHOTOS:



**Demolition Progress of St. Joseph**



**Demolition Progress of St. Joseph**



**Demolition Progress of St. Joseph**



**Completed Demolition of St. Joseph**





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**Excavation progress of the repository**



**Progress of repository preparation activities**



**Excavation progress of the repository**



**ERRS pumping out indunated water**



**Beginning Demolition of White Frame Building**



**Beginning Demolition of St. Katherine**





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**Demolition Progress of White Frame Building**



**Demolition progress of St. Katherine**



**Completed Demolition of White Frame Building**