



# Marty Asbestos and Waste Site Update

## USEPA Region 8

Operational Period 03:

Monday, May 30<sup>th</sup>, 2022 – Sunday, June 5<sup>th</sup>, 2022

## STORY MAP

[Marty Asbestos and Waste Site Story Map](#)

## SITE DESCRIPTION

The Marty Asbestos and Waste Time-Critical Removal 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 location 2 miles northeast of town. The Site is on the Tribal land 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 OBJECTIVES

EPA is conducting a CERCLA Time Critical Removal Action to:

1. Demolish and remove three asbestos-containing school buildings.
2. Create a repository for demolition debris and abandoned waste at the unregulated dump location.
3. Remediate the unregulated dump location to support future use by the Tribe as a transfer station.



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### **SAFETY MESSAGE**

Individuals entering the 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 effort is an active construction zone characterized by physical hazards and moving heavy equipment. Both locations are closed and unsafe for the public.

### **OPERATIONAL PERIOD OBJECTIVES**

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

1. Complete demolition of St. Katherine building.
2. Complete excavation of repository.
3. Begin hauling demolition debris to repository.
4. Continue managing abandoned waste at the dump location.
5. Maintain dust suppression.

### **OPERATIONAL PERIOD ACCOMPLISHMENTS**

1. Demolition of the St. Katherine building was completed on May 31, 2022. The structure was carefully separated from the adjoining Pacelli building which provides employee housing, school utilities and recreation areas.
2. Excavation of the repository was completed. Soil in the area has high clay content which will limit future water infiltration. Additional capacity may be created if needed.
3. Demolition debris is being hauled 3-miles to the repository on dirt roads using semi-trucks with covered end-dump trailers. Debris from the white structure was hauled to the repository on June 1-2, 2022. Debris from the St. Joseph and St. Katherine buildings began moving to the repository on June 3. To date, the response team have hauled approximately 1,590 cubic yards of demolition debris.
4. Demolition debris is being dumped and pushed into the repository and covered with soil using dozers. The On-Scene Coordinator has determined that wrapping the debris in plastic is not practical due to the nature of the dozer work. Members of the community continue to dump waste at the repository location and crews are managing it with the rest of the abandoned waste for ultimate disposal in the repository.
5. The Response Team continues to use water to suppress dust emissions. Continuous air monitoring at the Site during construction activities have not detected any levels of concern.



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### PLANNED ACTIVITIES

#### For the Operational Period of June 6<sup>th</sup>- 12<sup>th</sup>:

- Continue hauling demolition debris to the repository.
- Continue managing abandoned waste at the repository.
- Coordinate with Tribal officials regarding construction of a permanent transfer station.

### OPERATIONAL PERIOD 03 PHOTOS:



**Demolition progress of St. Katherine**



**Demolition progress of St. Katherine**



**Post-demolition debris from all three buildings**



**West side of repository**





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Lining haul truck to transfer debris to repository



Loading debris into haul truck with dust control

## WEBSITE

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