



# Marty Asbestos and Waste Site Update

## USEPA Region 8

Operational Period 05:

Monday, June 13<sup>th</sup>, 2022 – Sunday, June 26<sup>th</sup>, 2022

## STORY MAP

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

## SITE DESCRIPTION

The Marty Asbestos and Waste Site includes a) three structurally unsound buildings (St. Joseph, St. Katherine, and White Frame) at an active boarding school in Marty, South Dakota, and b) a large unregulated dumping location 3 miles northeast of town.

The Site is on the Tribal land of the Yankton Sioux. The Tribe's Dakota name is Ihan̄kton̄waŋ Dakota Oyate, meaning "People of the End Village" which comes from the period when the Tribe lived at the end of Spirit Lake just north of Mille Lacs Lake.

The boarding school buildings contain asbestos and lead based paint. School officials have attempted to restrict access to the buildings, but school employees, students and trespassers may be exposed.

The unregulated dumping location is used dozens of times each day by people and businesses from as far away as Nebraska and often catches fire.



**St. Joseph and St. Katherine**



**White Frame Building**



**Unregulated Dump Site**

## SITE OBJECTIVES

EPA is conducting a CERCLA Time Critical Removal Action to:

1. Demolish and remove the structurally compromised school buildings which contain asbestos.
2. Create a repository at the unregulated dumping location for both debris from the demolished buildings and waste which has been abandoned at the dump location.
3. Remediate the dump location to support future use by the Tribe as a transfer station.



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### SAFETY MESSAGE

Individuals near the school buildings and particularly trespassers entering the structures are at risk for building collapses and exposure to asbestos and potentially lead based paint, mercury switches and PCB ballasts. Individuals using the dump are at risk for exposure to chemical hazards, smoldering waste piles, and vermin which could spread disease.

**UPDATE:** The school buildings have been removed and hazards at the dump have been largely addressed. However, both locations are still active construction zones characterized by physical hazards and moving heavy equipment.

### OPERATIONAL OBJECTIVES

1. Complete the placement of backfill into the basement areas of the three demolished buildings and complete Site restoration activities, to include:
  - Complete final grading.
  - Repair or remove damaged sidewalks and other infrastructure as needed.
  - Seed backfilled areas.
  - Demobilize all equipment from the Site.
2. Coordinate with Tribal Officials the restoration of the shared wall between the Pacelli Building and the now demolished St. Katherine Building.
3. Complete the final cover over the waste repository.
4. Begin construction of the Transfer Station, and coordinate with Tribal Officials regarding its future operation.

### ACCOMPLISHMENTS

1. The placement of backfill at the Marty School location was completed on June 21, 2022. There was one non-injury incident that occurred during the back fill operations of the St. Katherine Building. On Friday, June 17, 2022, a 30 cubic yard end-dump was delivering backfill to the Site. While the truck was unloading clean back fill, the concrete underneath the truck trailers' rear tires collapsed as the dump was a full extension. This resulted in the trailer assembly tipping over onto its side. (additional photographs [here](#)). The truck cab remained upright and the driver unhurt. The ERRS crew was able to detach the cab from the trailer, and it was driven off-site.

The dump trailer assembly was removed from the work area and staged on-site. Normal operations were resumed within an hour of the incident. It appeared that a small void (3' diameter, 2' deep) existed underneath the concrete (it was a pre-existing slab) and that the concrete was unsupported where it collapsed. The void was filled, and the remaining backfill deliveries were done using an articulated haul truck.



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### ACCOMPLISHMENTS (Continued):

2. All disturbed areas were graded and seeded by June 22, 2022. Arrangements were made for the concrete contractor performing repairs to utility tunnels adjacent to the St. Katherine Building on behalf of the Yankton Sioux Tribe (YST) to include the repair of the damaged sidewalks to their scope. This contractor was already doing sidewalk repair as part of their scope with the YST and their areas of operation overlapped with EPA's. This allowed for both projects to move forward in the most efficient manner. All equipment has been staged for demobilization.
3. The YST has hired a structural engineer and a suitable mason to repair and/or restore the damaged Pacelli Building wall. EPA will cost share with the YST for this work.
4. The final cover of the waste repository is in place. Final adjustments to the cover drainage, and seeding the cover is still needed.
5. Construction of the Transfer Station is underway. A perimeter earthen berm is approximately 60% complete. A rock and gravel base is being installed (10% complete). Six roll-off boxes have been staged and are being used for incoming waste. Separate temporary collection areas for tires, white goods, brush and limbs, HHW, refuse, and recyclable metals (steel, copper, iron, aluminum) have been established. A conceptual design and operational approach have been agreed to with the YST. The YST is making arrangements to hire a Transfer Station Operator, who will work with EPA in running the transfer operations to facilitate a better transition to full YST operation. July 31, 2022, is the target date for YST to take over long-term operations.

### PLANNED ACTIVITIES

**For the Operational Period is June 27<sup>th</sup> – July 10<sup>th</sup>, 2022, the following operations are planned:**

- Complete construction of gravel transfer station pads and entry/exit.
- Construct concrete sorting pads.
  - Identify price and subcontractor.
  - Schedule subcontractor.
  - Construct the pad.
- Install jersey/block barriers.
  - Identify price and vendor.
  - Schedule delivery.
  - Install barriers.
- Complete berms.
- Identify and implement drainage layout.
- Rent wood-chipper for brush and limbs.
- Re-seed and water disturbed areas.
- Maintain dust control.
- Operate temporary transfer station.
- Develop Ops Plan for permanent Transfer Station



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### OPERATIONAL PERIOD 05 PHOTOS:



**Work is concluded at the White Frame building**



**Work is concluded at the St. Josephs building**



**Backfill unloaded onto St. Katherine footprint**



**Truck is tipped over due to concrete giving way**



**Truck tipped over while unloading backfill**



**Driveway and parking lot are graveled**



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Grass seed is spread over St. Joseph and watered



Maintenance at the repository continues



The last load of discarded tires are loaded



Soil is positioned to begin building a berm

## WEBSITE

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