

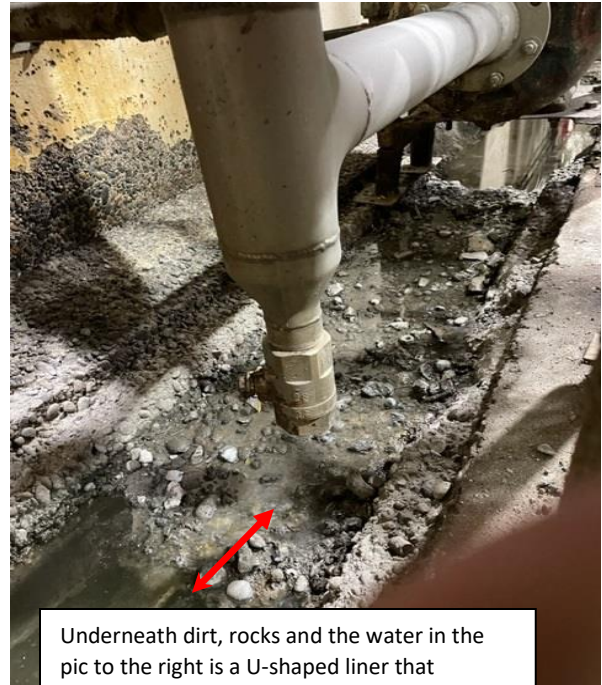
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Date: 1/24/2023	Region: Industrial
Project: Boardman LW Outage	Incident Title: Surprise Asbestos

Summary	Picture
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A crew was starting to demo a concrete flume in a customer's process facility. They were using a jack hammer in the area due to limited room to get a concrete saw in area. Scope was to demolish 70 ft. run of flume however within 10 ft. into the work the supervisor noticed that there started to be a liner in the flume that looked different than the other cement. It was a "U" shaped liner that was in bottom of the old flume, that flume had been filled with dirt and rocks. Upon seeing the different concrete and with his experience and knowledge he was certain it was a lined with asbestos. The supervisor immediately stopped work and cleared the room and notified the customer and Apollo Safety.

Work was stopped until an asbestos abatement contractor was able to evaluate the work and provide support agreeing to abate the asbestos. During the consultation the abatement manager said with the type of asbestos and its application, plus the wet method our crew was using to control follow our silica control plan that exposure was not likely. Apollo, the customer, and Tectonics Abatement were able to develop a plan that would allow us to continue to break up concrete (keeping it wet) in 5ft sections leaving the asbestos undisturbed and exposed, then the abatement company would come and cut, and remove asbestos liner, bag and remove.



Underneath dirt, rocks and the water in the pic to the right is a U-shaped liner that contained asbestos.

What Went Right?	What Went Wrong?
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- As soon as realized it was possible asbestos, work was stopped.
- Foreman (Dan Doyle) had experience and been trained with asbestos and was able to identify it as soon as he saw it.
- It was a non-friable type of asbestos that does not get air born as easy.
- Apollo silica control plan was in place using wet method which kept the potential exposure to a minimum.

- It was not called out in pre job walks or a known asbestos area by the owners.
- No asbestos report was provided.

Would of, Could of, Should of

- Ideally an asbestos report would identify any potential exposure concerns before demolishing of a project begins. However, with some older facilities the owners may have limited knowledge of where asbestos may be, therefore if we are doing any type of demolition work on facilities older than 1978, then we should train our employees on asbestos awareness.

