Trip Report
Chief's Order No. 2014-541
Division of Oil and Gas Resources Management

Trip Date: 7-5-2017

Location: 801 N. Fourth St., Martins Ferry, Belmont County

Owner: Austin Masters

Weather: Sunny, about 82°F

Arrival/Departure: 1:00 PM to 2:00 PM

Attendees: Luke Saunders (ODNR), Beth Pratt (ODNR), Troy Mazur, (Radiation Safety Officer, Austin Masters)

Purpose of meeting: Facility inspection

Inspection Findings:

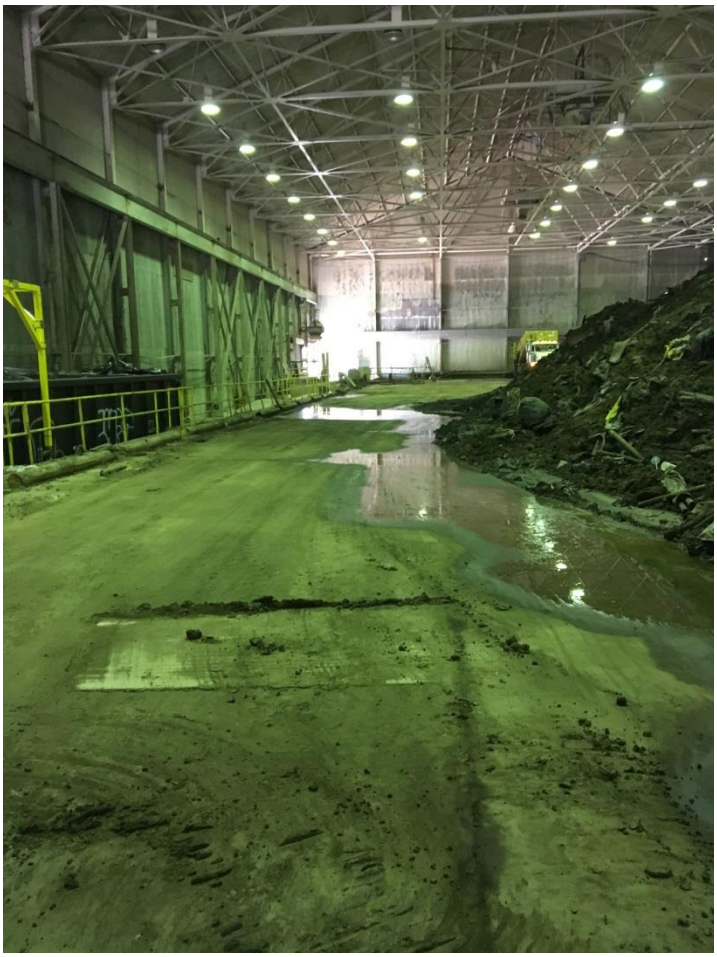
- A walk through of the facility was performed with Troy Mazur. Wastes were being received and processed during the visit.
- An additional filter press was on site in anticipation of receiving wastes from a Consol impoundment in PA.
- Two 400 bbl liquid tanks were on site for storage of waste waters from the filter presses.
- As a safety measure, a platform had been constructed at the back of the solidification pits (at the back of the warehouse) for use by an attendant to watch other employees during the rinsing of trucks or containers after dumping.
- Wastes were being stored directly on the warehouse floor. The concrete floor is the only containment for these wastes. There is no secondary containment.
- Filter socks are being stored in two separate piles on the warehouse floor. One storage area was ready to be loaded into rail cars and was located in line with the large overhead doors, adjacent to the rail lines. The other area was reportedly used for storage of low level radioactive wastes to be blended into other wastes. This area was on the far right, towards the front of the building. Mr. Mazur did not know why the filter socks were in the pile to the right. There was no apparent designated area for the storage of filter socks.
- The large pile waiting to be loaded onto railcars was estimated at about 10 rail cars of processed solids and filter socks. This pile was surveyed by Mr. Mazur at the request of the division. The pile read 180 mrem/hr., the fluids leaching from the pile read 60-70 mrem/hr., and the filter socks read 350 mrem/hr.
- The floor was tracked with what appeared to be oilfield wastes. The potential exists for radioactive and other wastes to be tracked out of the warehouse by trucks entering the warehouse building.
- Boxes were stored inside the building on the right side of the warehouse. They were labeled with their contents.

- Empty boxes are stored across the street east of the warehouse building. According to Troy Mazur, boxes are cleaned unless the customer declines the washout.
- Mr. Mazur followed protocol and surveyed our feet prior to leaving the area. Actions were taken to remove waste substances from our boots prior to leaving the area.

Recommendations:

- Continue and/or implement procedures to improve the "cleanliness" of the warehouse floor and prevent tracking of wastes outside of the facility. Regular hosing of the floor should be performed to ensure waste substances are maintained in the pits and not tracked by equipment or vehicles.
- Provide primary containment and secondary containment for all oilfield wastes.
- Provide secondary containment for empty boxes that have not been cleaned.
- Update the existing application to include all existing storage and operations performed by the facility. Austin Masters is currently operating outside of the approved application documents, that constitute the authorization included in the Chief's Order.

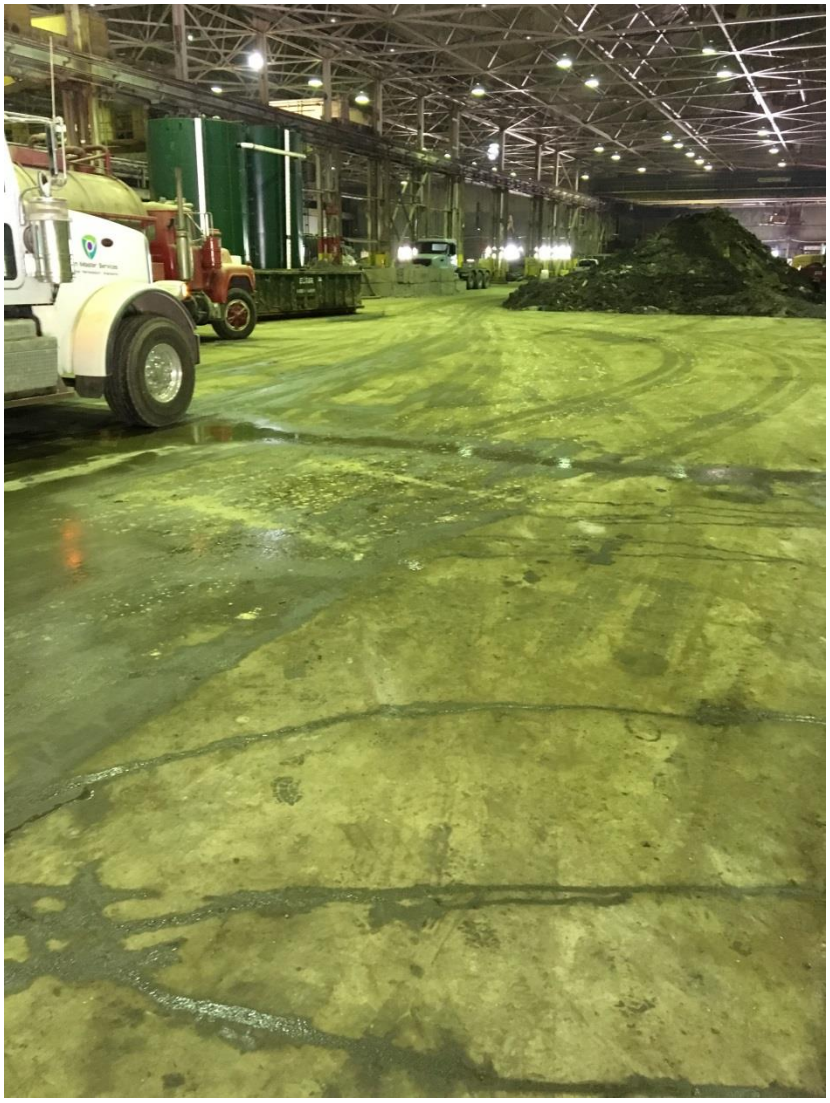
Photographs:



Large waste pile containing TENORM and filter socks, adjacent to the railcars. Note liquid leaching from the pile and the wastes on the floor in the foreground.

Waste pile, including filter socks, adjacent to the rail cars. Note leaching liquids from the back right edge of the pile.

Pile located in the right front corner of the building. Note the filter socks on the top of the pile in the left of photo. Note the leached sludge and liquid on the floor.



Liquids (could be wash water) on floor of warehouse and trucks tracking through it.

Pictures @ M:\Engineering\Projects\Facilities\Belmont County\Austin Master Services\Working Documents\Photos\Austin Masters 7-5-2017