

Trip Report

Chief's Order No. 2014-541

Division of Oil and Gas Resources Management

Trip Date: 11-09-2017

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

Owner: Austin Masters Services, Inc.

Weather: Sunny, Chilly, about 40°F

Arrival/Departure: 9:45 AM to 11:30 AM

Attendees:

- Luke Saunders, Beth Pratt, Eric Kletrovetz - ODNR
- Troy Mazur, Jack Bement - Austin Masters

Purpose of meeting: Facility inspection

Inspection Findings:

- A walk through of the facility was performed with Troy Mazur and Jack Bement. No wastes were received or processed during the inspection. Empty lined railcars were on site inside the warehouse building.
- Potential designs for various containment systems were discussed with Mr. Bement and Mr. Mazur. Concrete primary containment bins were discussed for both low level and high level radioactive solids. A spray-on polyurea liner was discussed where agitators currently exist. Mr. Bement stated that the design documents for the solidification bins, storage bins, bin for the press cake, and wash bay would be received on or about November 24th.
- Two new agitator tanks are proposed to be delivered, resulting in a total of four tanks. These will be placed within new containment area.
- Mr. Bement described future operations with the proposed primary containments constructed, which would eliminate wastes being stored on the warehouse floor. High level radioactive solids coming from the filter press would be placed in a proposed concrete primary containment bin, bulked, and loaded directly into railcars for lawful disposal, currently to Utah. Low level radioactive solids coming from the filter press would be loaded into a proposed concrete primary containment bin, bulked, and shipped for lawful disposal, currently out of Ohio.
- The conveyor belt slab forms were constructed. The conveyor will be located between the vertical tanks and agitator tanks.
- A new primary containment was on site, but not yet installed, for emptying sludges out of vac boxes. This containment was a fabricated steel box that would replace the half rounds.
- Vac boxes and other wastes vessels were being stored outside in the gravel lot between the river and the rail tracks. Reportedly, these are all empty. Mr. Bement described to the division staff the process of emptying a vac box. Vac boxes are squeezeed, leaving very little residual waste. Therefore, uncleaned boxes may contain only a residual amount of waste substances and are assumed to not require secondary containment.

- The secondary containment for the half rounds, used for offloading vac boxes, had been cleaned. The previously applied spray liner was visible on the concrete of the secondary containment. The liner material that could be seen appeared to be intact. Previously (10/26/2017), the secondary containment was being used as primary containment for the storage of oilfield sludge.
- Solid wastes were being stored directly on the warehouse floor. The concrete floor is the only containment for these wastes. There is no secondary containment.
- Troy Mazur followed protocol and required a staff member to survey our boots prior to leaving the area.

Recommendations:

- Ensure all waste containers stored in the gravel lot are empty.
- Provide primary containment and secondary containment for all oilfield wastes. Submit design documents for the secondary containment to the division for approval prior to construction.
- Provide the division a schedule for implementing adequate containments and updating the existing facility application. The updated facility application should include all primary and secondary containment volumes, locations, and details; equipment; boundary of facility operations (to include any full or empty box storage and potential flood relocation areas); and operations performed at the facility. Include with this correspondence are the guidelines for submission of a complete application. Austin Masters is currently operating outside of the approved application documents that constitute the authorization included in the Chief's Order.

Photographs:

Pictures @ M:\Engineering\Projects\Facilities\Belmont County\Austin Master Services\Working Documents\Photos