

## Freedom Upgrade Project Monthly Construction Update for September 2019:

- Construction continues on Phase 2 of the upgrade project

### September 2019 Work Plan

- The hydro-static testing of the gas piping is planned to be completed this month. This is the process of pressurizing the piping with water and holding the pressure for an extended duration to prove the integrity of the gas piping and in-line components.
- After hydro-static testing the piping the next step in the process is drying to completely remove the water from the piping to prevent the accumulation of rust. This will be accomplished by pressurizing the piping and blowing air through the piping. During the air blows, normal air is compressed with an air compressor, dried, and then released through the pipe to remove water from the pipe. The air blows may generate a whistling, hissing or rushing sound approximately 10-30 seconds long every 5-15 minutes or other interval. Following completion of the air blows, dry air is passed through the piping until it reaches the acceptable level of drying. This is an intermittent activity. Typically, there may be several blows over a couple of hours and then no air blows for several hours while equipment is set up in a different section of piping. The contractor will not be conducting these air blows prior to 7 AM and not later than 10 PM (during the township quiet hours), and will endeavor to end earlier than these hours on any given day (particularly on Saturdays) and will not perform air blows on Sundays.
- The majority of motorized equipment and devices have been set on the jobsite and inside the buildings. The electricians will be pulling wire to equipment and devices and ultimately terminating to the respective power source.
- The proof testing for the coolant piping for the engines will commence this month on the south side of the jobsite. This process will involve flushing the piping with water to remove debris and checking for leaks.
- On the north side of the compressor building there will be piping fabrication, equipment install and backfill activities. The piping fabrication will be completing the stainless steel piping penetrating through the compressor building and connecting to the vertical exhaust stacks. The equipment install will be to mount engine environmental controls and silencing equipment on the compressor building. The welding on final underground length of piping is completed and backfill will complete this month.
- Inside the new auxiliary building, several trades are working to complete the interior buildout. The electricians are completing lighting and electrical circuits, the mechanical contractor is completing the HVAC install, other finishing contractors will be installing tile, doors and ceiling grid.
- The new septic field on the east side of the property will complete this month. The county inspector has performed several inspections in accordance with our permit, the final inspection will be performed once the final backfill is complete.

### September 2019 Work Schedules

- Day shift schedule is 7 AM – 5:30 PM, Monday through Saturday. Day shift work includes all of the work plan activities discussed above. There may be some work outside of these day shift work hours depending on individual activities taking place.
- Night shift schedule is 7 PM – 5:30 AM, Monday through Saturday. During the night shift, work activities will be focused on wire/cable pulling inside of the new compressor building and auxiliary building with activities in the yard area.
- Labor Day Weekend schedule: Construction project will be closed after completion of night shift Friday night, 8/30/2019. Activity will restart Tuesday morning, 9/3/2019.