

Section 30 Recycling Containment:

Requested Information (10/7):

Source of Produced Water (PW): Produced water is coming from the production wells. Water flows from the wells via pipeline into the filter buildings at the SWD #1 and #2, and from there travels along pipeline into the filter building at the Section 30 Recycling Containment.

Modifications to Leak Detection: No modifications have been made to the leak detection. A pump is currently installed in the leak detection tube.

Modifications to Containment: Liner repairs.

Modifications to Others: Upgrades have been made to the aeration system. Upgrades include additional units placed on top of the liner and an aeration pipeline (to provide continuous source of air) around the pond outside of the liner and future net.

Installation of temporary devices to deter wildlife from entering or landing on the pond per BLM.

Liner Testing Procedure:

(This procedure may be updated based on site conditions or adoption of alternative methods)

1. WPX will collect a water sample from the leak detection prior to introduction of PW into the Containment. *(Sample collected on 10/6-results pending).*
2. PW will be added into the Containment, 24 hours a day/7 days a week, until the bottom of the Containment is covered. *PW began flowing into containment at 14:05 on 10/6. Flow was halted at 15:00 10/6 due to pipeline flow issue. PW flow is expected to resume 10/13.*
3. Water in leak detection will be pumped daily to check for the presence of PW. During daily water removal, WPX will estimate the volume removed from the leak detection (based on time to empty leak detection and pump capacity). WPX will also record field water quality observations/measurements. Field water quality parameters may include: color, clarity, odor, TDS, chloride, pH, and conductivity. *(WPX has additional field screening materials on order and anticipates arrival early-mid week.)*
4. If field water quality data indicates a possible migration of PW into the leak detection, WPX will halt the flow of PW into the Containment. A leak detection water sample will be collected for laboratory analysis of TDS and chlorides.
5. If laboratory results confirm a potential hole in the liner, WPX will remove PW from the pond until the leak detection no longer indicates the presence of PW.
6. WPX will locate/repair the hole/tear in the liner located within the area of concern. Once the repair has been completed, WPX will continue to add PW into the Containment.
7. Steps 4 through 6 will be repeated as needed.
8. Once the bottom of the Containment is covered, WPX will allow the water to remain in the Containment for a period of time (TBD), while continuing to monitor the leak detection on a daily basis. If no PW is found in the leak detection, liner integrity will be considered verified.