Groundwater Areas with Sentinel Wells Above the Higher of the Surface Water Standard, Background, or PQL

Notes:
1. AOI associated with the area north of former Building 771: trichloroethylene.
2. AOIs associated with the historical Solar Ponds area: nitrate/nitrite, sulfate, and uranium.
3. AOI associated with the former 700 Area Northeast Plume: nitrate/nitrite.
4. AOI associated with the historical East Trenches: carbon tetrachloride, chloroform, tetrachloroethylene, trichloroethylene, and cis-1,2-dichloroethylene.
5. AOIs associated with the historical 903 Pad/Ryan's Pit area (both northern and southern flow paths): carbon tetrachloride, chloroform, tetrachloroethylene, trichloroethylene, and cis-1,2-dichloroethylene.
6. AOIs associated with the historical Mound/Oil Burn Pit No. 2: chloroform, trichloroethylene, cis-1,2-dichloroethylene, 1,1-dichloroethane, methylene chloride, sulfate, carbon tetrachloride, and tetrachloroethylene.

5) Modeling results indicate that groundwater discharge concentrations will be below surface water standards at these locations.
6) Groundwater in the area is in weathered bedrock and is only saturated during wet years, thus AOI transport is limited to wet years (high groundwater levels). See the Groundwater IM/IRA for details.