

AltEn Field Observations.
March 1, 2021
Jim Borovich
NDEE

PCS 84069

Designated Original Stop #2 – Roads 6 & F at 1250 hours. Weather sunny and cool (45 degrees), breezy.



Photo 1. Looking east at culvert on west side of Road 6. No odors. Water in drainage way discolored and murky.



Photo 2. Looking down at drainage way on east side of Road 6. Water clear. No odors.



Designated Original Stop #3 – Highway 66 North of Road F at 1305 hours.



Photo 3. Looking west from west side of Highway 66. Area inundated with water. Water discolored. Red flag marks general position of culvert and makeshift dam.



Photo 4. Looking northwest from same location as Photo 3 at inundation of area on west side of Stop #3.



Photo 5. Looking west at culvert/drainage way on east side of Highway 66. Water appears discolored. Note auger hole in foreground of apparent recent, but unspecified date/origin.

Stop on Highway 66 Between Designated Stops 3 and 4 at 1315 hours.



Photo 6. Looking north at Lagoon Pumping, Inc. activity. Water appears “frothy” behind dam in midground.

At this location, I met James Koehler and associate Ms. Nichols of Terracon. After some time of observation, we walked over to this work for a closer inspection. We were informed that liquid was being pumped from this location back to the AltEn facility at approx. 500 gallons/minute, but to pump from this location they also had to be injecting air to create an excavation deep enough to pump from.

Designated Original Stop #4 – Road 8 Between Roads H and J at 1355 hours.



Photo 7. Looking down and west from west side of culvert on Road 8.



Photo 8. Looking east at drainage way on east side of Road 8.



Photo 9. Looking east from point approx. 50 feet from Road 8 east-side culvert. Water looks brown, but appears clear.

While I was at Stop 4, a Clean Harbors vacuum truck was present and running, but not currently pumping. No pipe in place to indicate pumping was planned in the short term.

Designated Original Stop #5 – Road 9 North of Road J at 1435 hours.



Photo 10. Looking west from west side of Road 9. Pumping of liquid taking place. Liquid at this location appears to have been pumped down a great extent compared to previous observations at this location.

At this stop, I met Mr. Randy Ross, Crew Foreman for Lagoon Pumping, Inc. While there had been a hiatus of pumping at this location on Saturday, pumping had resumed on Sunday. Pumping was occurring at a rate of approx. 450 gallons/minute to one of the wastewater lagoons at the AltEn facility.

I concluded my observations and left Site #5 at 1435 hours.