

Seibel A 2 information/timeline

9/4/2022

Landowner was performing haying operations and discovered a wet area. Landowner contacted IKAV to report.

IKAV operations personnel responded to location and talked with landowner. Performed LOTO on wells feeding the water line in the field. Landowner at this time told operations personnel that there were no irrigation lines in the area.

IKAV environmental responded to location measured the wet area to obtain an estimation of the volume. Initial sampling not performed on this day due to the holiday and lab closures samples would have been beyond the appropriate hold time to obtain accurate analytics.

9/6/2022

IKAV Land personnel contacted the landowner for formal notification and notification that the construction personnel would be mobilizing to location to excavate and find the leak. Landowner informed the IKAV land person that there was a irrigation line that crosses the water pipeline.

IKAV construction personnel met with the landowner to discuss excavation in the field and landowner pointed out where the irrigation line was located.

9/7/2022

IKAV environmental personnel went to location and performed soil and water sampling. Water sample was taken from the standing water in the pivot track and from the 300 bbl water tank on the Seibel A 2 well pad. Soil sample was taken from the wet area in the pivot track and ~15 feet to the north of the wet area in dry soil upgradient of the wet area. Field screening of the water in the wet area pivot track gave indication that the water EC in the field was noticeably lower than the water in the produced water tank. Water and soil sample results attached to the closure request form 19 for review.

After discussion of the new information from the landowner having a line crossing the water line and the field screening information. IKAV land person contacted the Landowner and requested that he pressurize his irrigation line and observe if the wet spot became saturated again. The produced water line remained isolated. At 7:42 pm on 9/7/2022 the landowner called IKAV land person and reported that after pressurizing his irrigation line the area in question became saturated again.

Conclusion:

This suspected release was initially believed to be a produced water line as there was a water line in the are of concern. As communications with the landowner progressed it was suspected that the irrigation line was a potential cause of the wet area. The landowner was requested to pressurize his line and observe the results. This was considered a safe activity that would not have any environmental impact upon the soils. The result within 7 hours of pressurizing his line the area became wet again. Review of water and soil analytical information further confirms that the water in the area of concern was as suspected irrigation water and not produced water.

The suspected release of produced water is now known to be a release of irrigation water from a below grade irrigation line that was installed crossing the produced water line.

Simcoe/IKAV is requesting closure of Spill id 482863 as a suspected release that did not occur.