

# Rumpke Subsurface Fire Daily Report

**Date:** 10/28/2009

## Wellfield Summary

### Temperatures

W-215 continues to rise in temperature- well has risen 30 degrees since beginning of Month

W-122R2 is increasing in temperature headed toward its previous 180 range that occurred previously to the hose changeout.

W-120R2 under slight vacuum now- well chemistry appears normal  
Chemistry

DW-3 appears to have a decreasing concentration of methane

Gas Trenches 1 and 2 continue to have good flow but poor methane quality and ND on CO.

Phase 5ACO has shown a slight increase in Nitrogen- possible air intrusion.

W-124R2 has sporadic increases in nitrogen and oxygen and appear to coincide with water level/ downhole temperature readings taken that day.

### Settlement

Surveying of 50 x 50 grid of area is ongoing and in the area of increased settlement grid is 25 x 25. There are a significant amount of data points and hopefully weather permitting will be down by Thursday.

Cracks have been filled with bentonite and additional cracks on a bench below W-122R have been noticed and filled.

### Stability

Monitoring stakes for Horizontal movement have been installed.

### Contingency Planning

17 loads of dirt have been placed close to the area- approximately due west of DW-1.