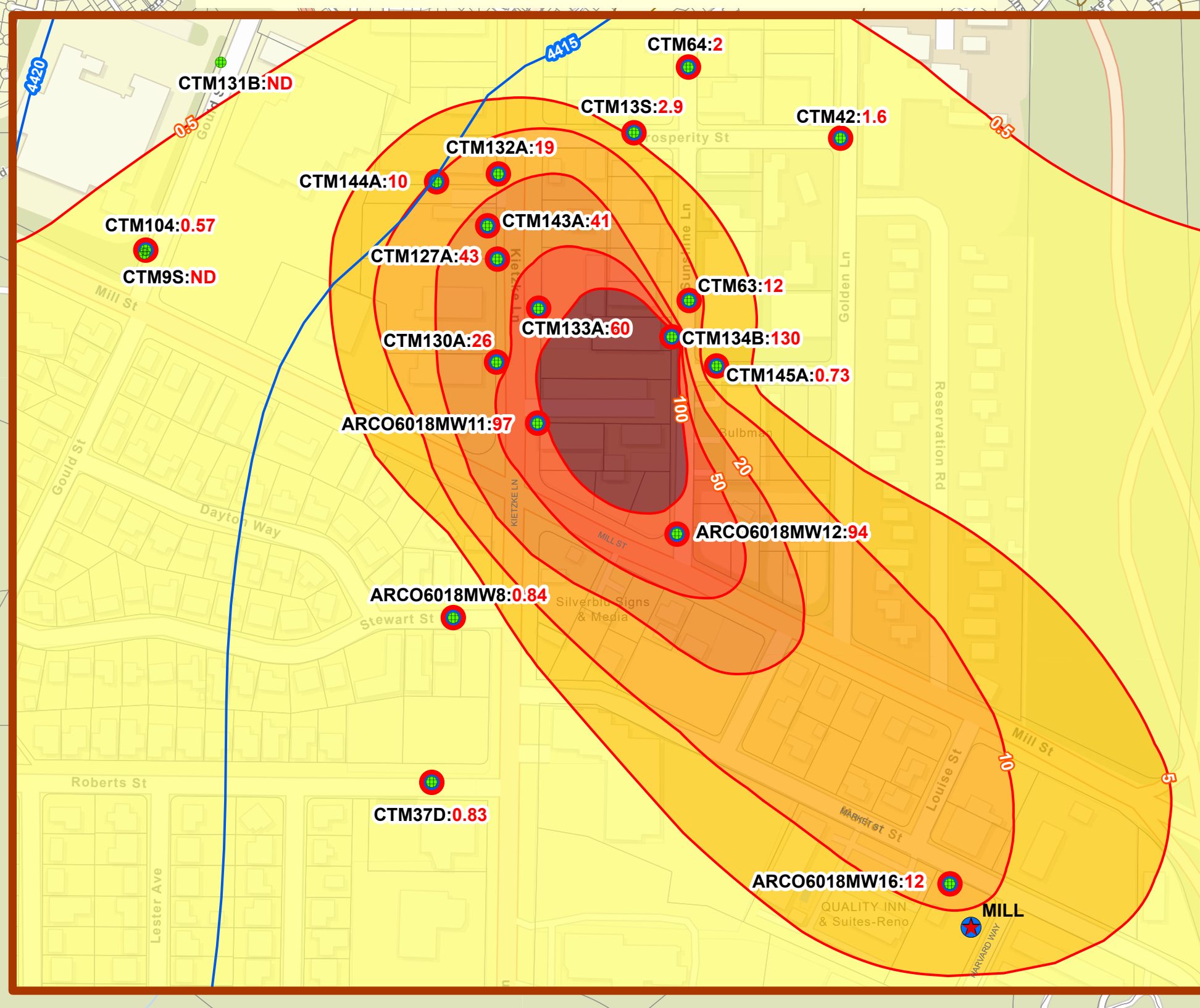
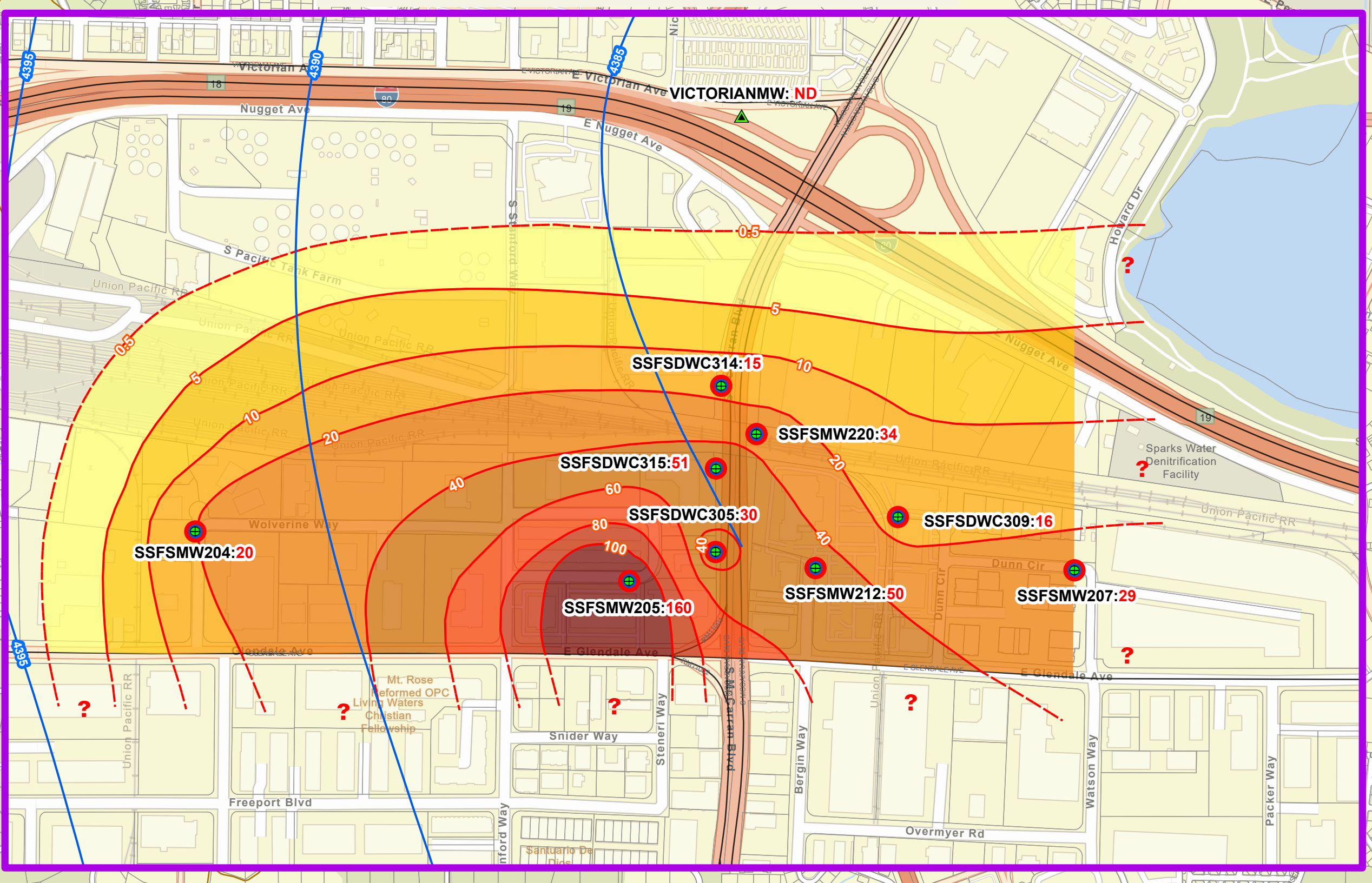


FIGURE 4.1

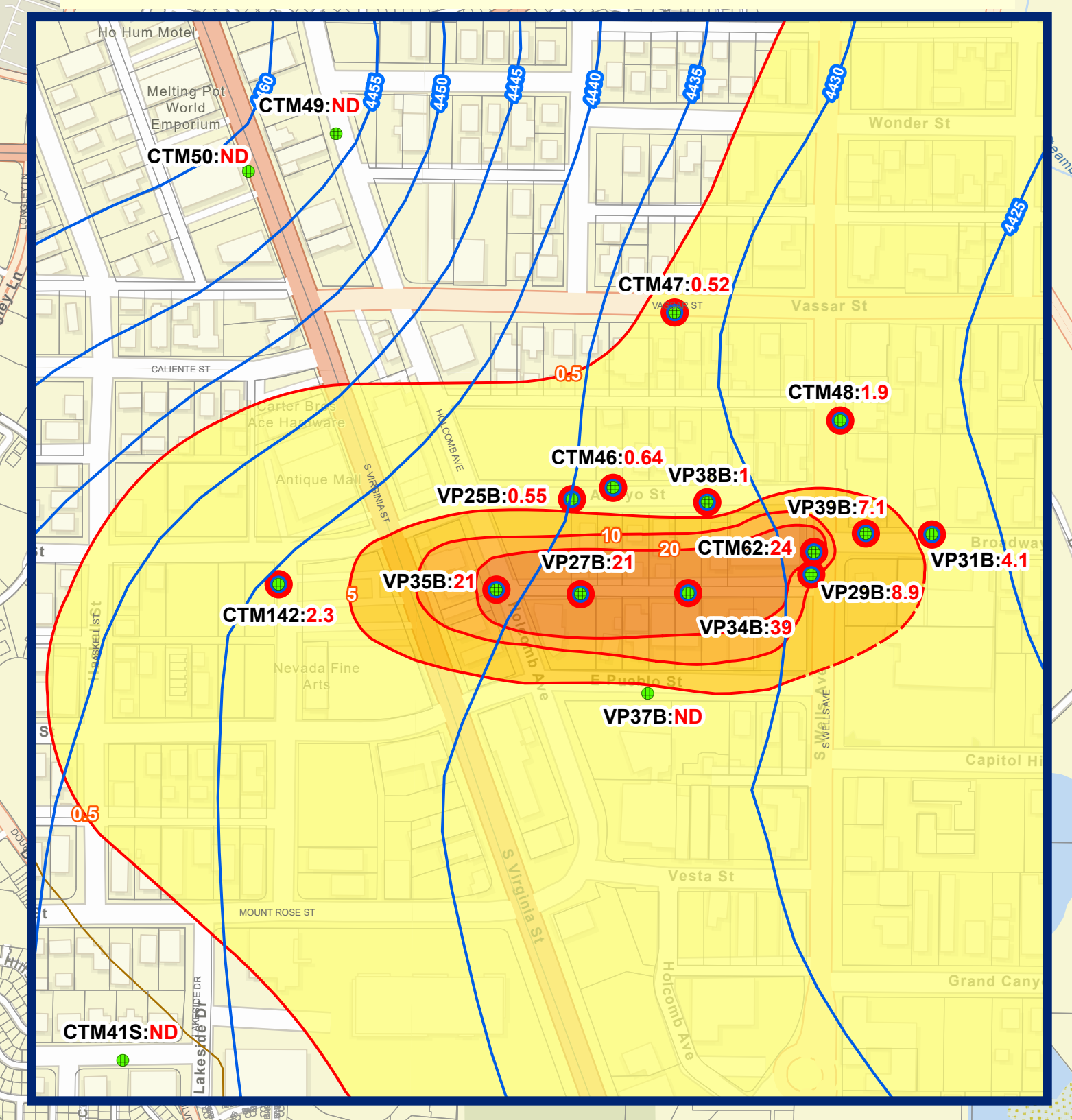
MILL / KIETZKE AREA INSET MAP



EAST SPARKS AREA INSET MAP



VASSAR / E PLUMB AREA INSET MAP



### Water Level and PCE Concentration in Shallow Zone Wells July-December 2022

WELL TYPE	SAMPLE RESULTS
<span style="color:blue">●</span> PRODUCTION WELL (PCE TREATED) - TMWA	<span style="color:red">●</span> DETECTED AT GREATER THAN THE 0.50 ug/L PCE REPORTING LIMIT
<span style="color:blue">○</span> PRODUCTION WELL	Values plotted only for wells that were sampled. Data from production wells are from samples collected under pumping conditions unless otherwise stated. Values plotted that are less than 0.50 ug/L are either noted as non-detect (ND) or indicate a value provided by the lab.
<span style="color:green">●</span> DOMESTIC WELL	<span style="color:red">ND</span> BELOW ANALYTICAL REPORTING LIMIT
<span style="color:green">○</span> MONITORING WELL - OTHER	<span style="color:red">?</span> INSUFFICIENT DATA FOR ESTIMATING LATERAL EXTENT OF CONTAMINATION
<span style="color:green">▲</span> MONITORING WELL - TMWA	<span style="color:red">○</span> PCE CONCENTRATION AREAS
<span style="color:green">●</span> MONITORING WELL - WCCSD	<span style="color:red">○</span> PCE CONCENTRATION CONTOURS
<span style="color:blue">—</span> WATER LEVEL ELEVATION CONTOURS	<span style="color:red">- - -</span> PCE CONCENTRATION CONTOURS - INFERRED
<span style="color:blue">→</span> GROUNDWATER FLOW DIRECTION	Actual lateral extent of contamination uncertain.
<span style="color:green">—</span> CREEK	> 0.05 ug/L > 20 ug/L
<span style="color:orange">—</span> DITCH	> 5 ug/L > 40 ug/L
	> 10 ug/L > 80 ug/L

**NOTES:**  
 The scale and configuration of all information shown herein are approximate only and are not intended as a guide for design or survey work. Reproduction is not permitted without prior written permission from the Washoe County Community Services Department.  
 PCE/TCE contours reflect data from the time range noted. Where such data were not collected, the monitoring data for these locations were used. Contours may not represent the exact extent of contamination in groundwater. Water level contours are associated with contours in recharge wells are dynamic and may not reflect actual piezometric surface over the entire time range noted.

**SCALE:**  
 1" = 100' Feet

**Central Truckee Meadows Remediation District Program**