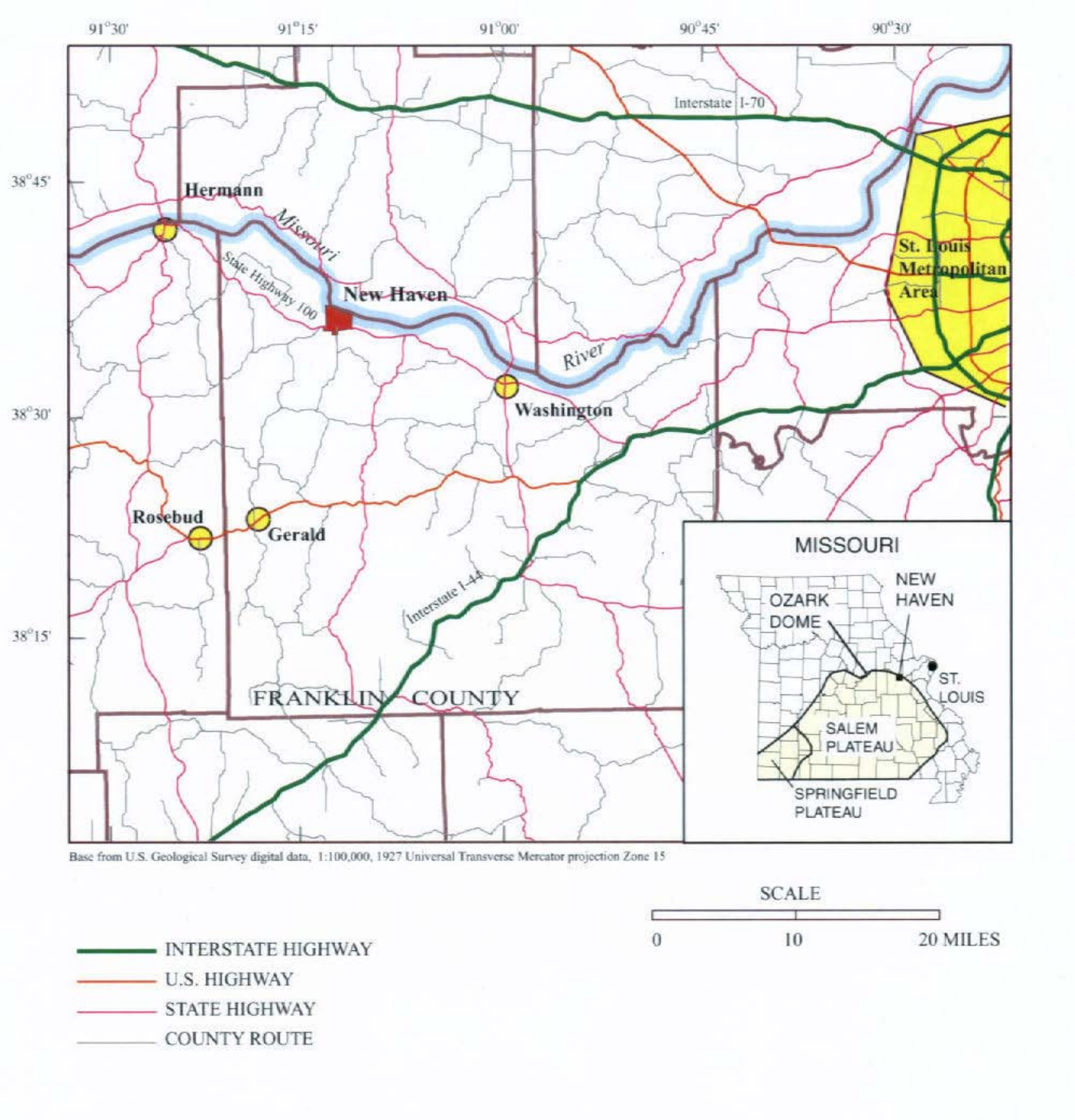


Figure 1-1: Location of New Haven, Missouri.

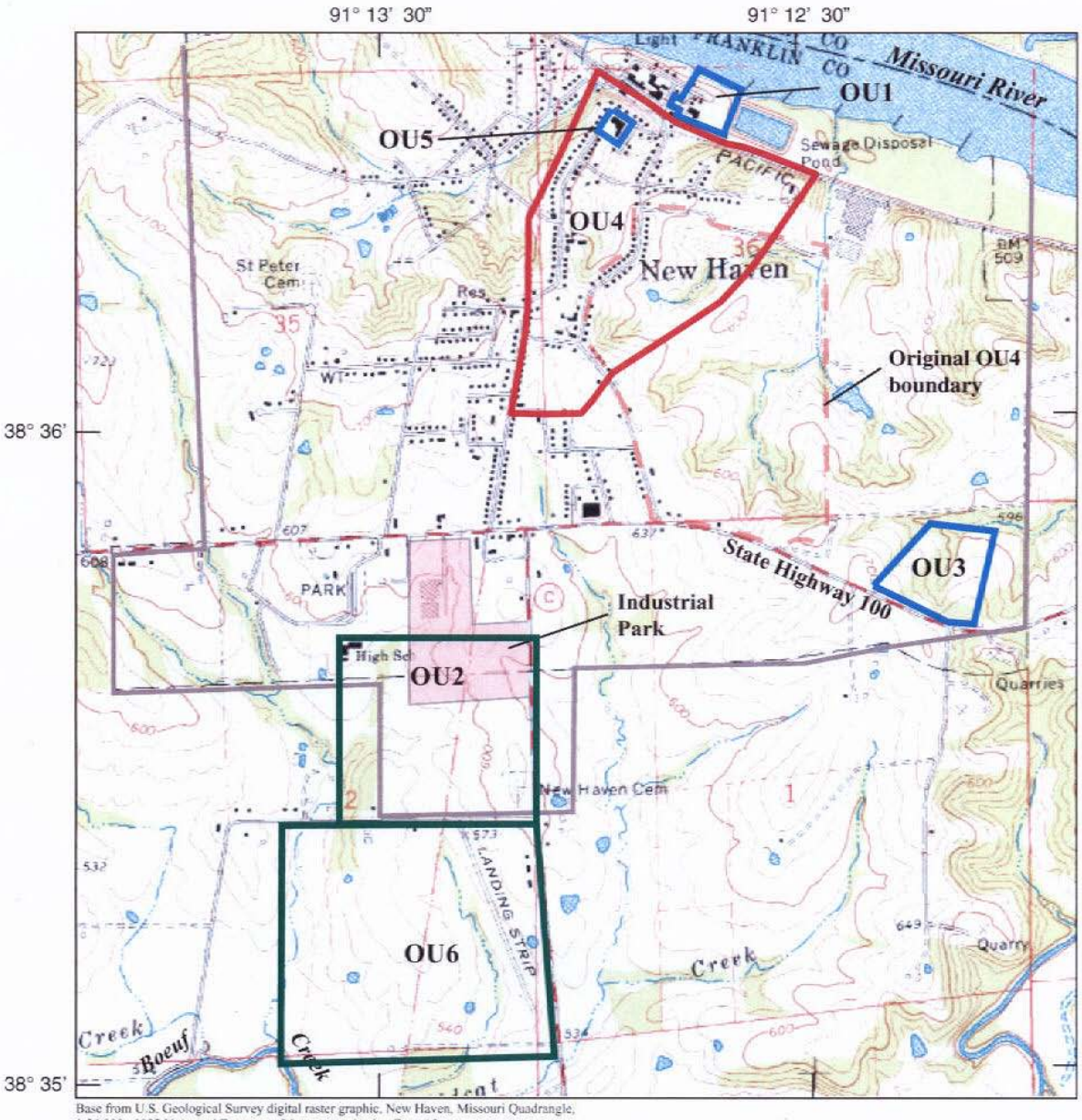


Figure 1-2 Topography in the New Haven Remedial Investigation (RI) study area and location of RI Operable Units (OUs).

Figure 2-1: Location of former Kellwood facility and the landfarm area.

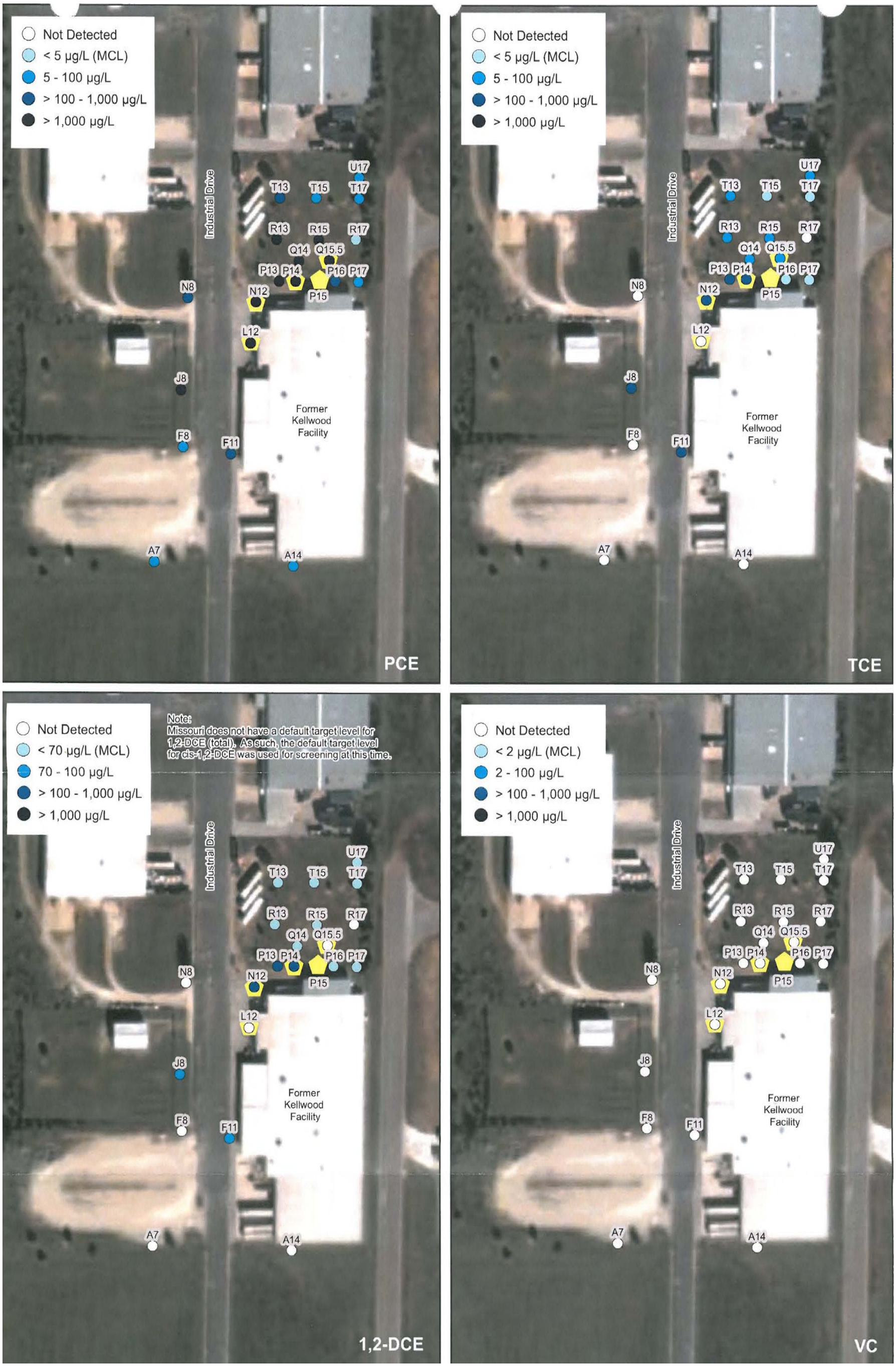


Figure 2.2: Locations of sampling points on OU2.

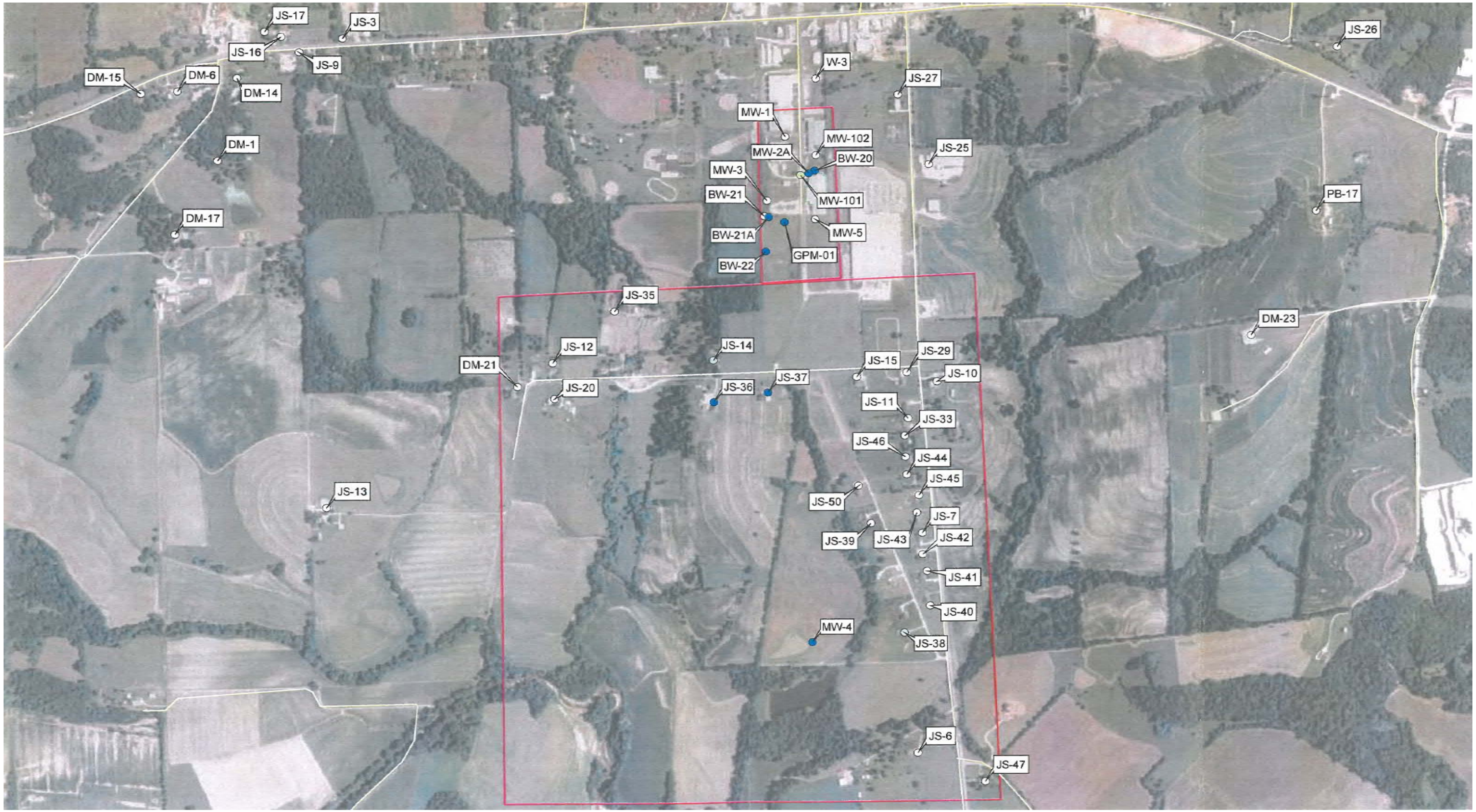


Figure 2-3: Pre-RI groundwater sample locations OU2/6.

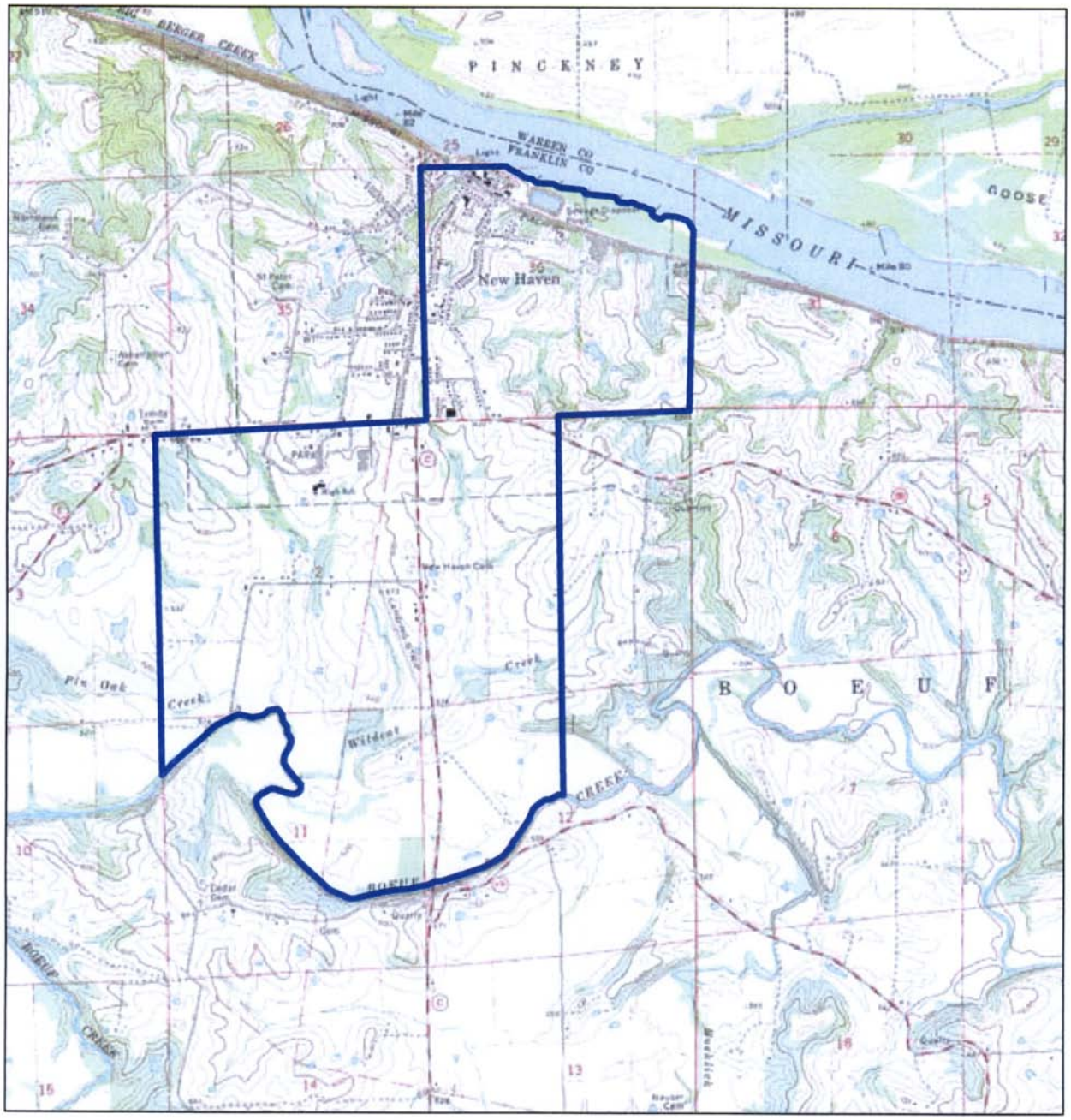


Figure 2-4: Special Area 3 boundary

Figure 2-5: Pre-RI surface water sample locations OU2/6.

Figure 2-6: USGS sanitary sewer sample locations in New Haven Missouri.

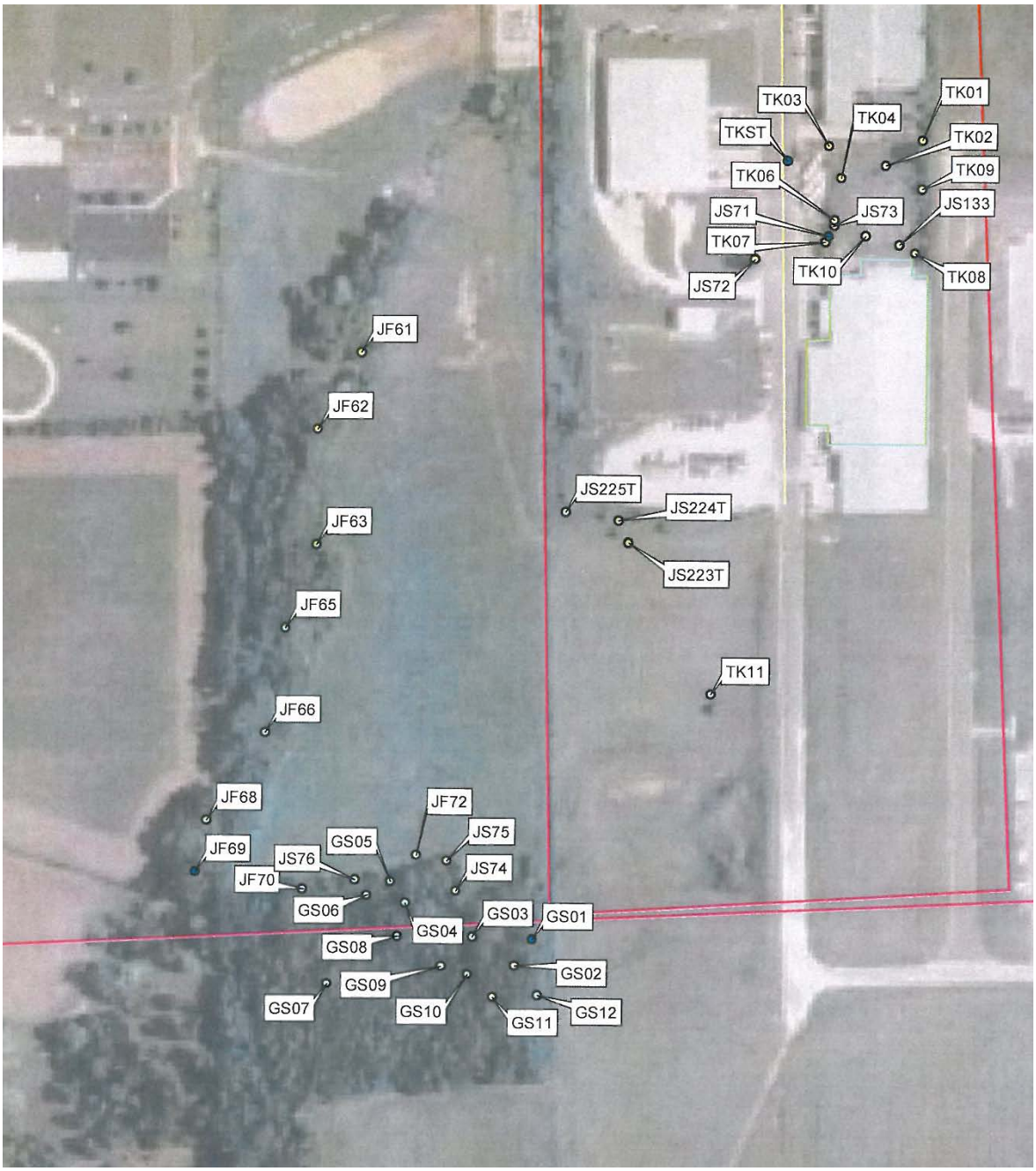


Figure 2-7: USGS tree core sample locations in OU2/6.

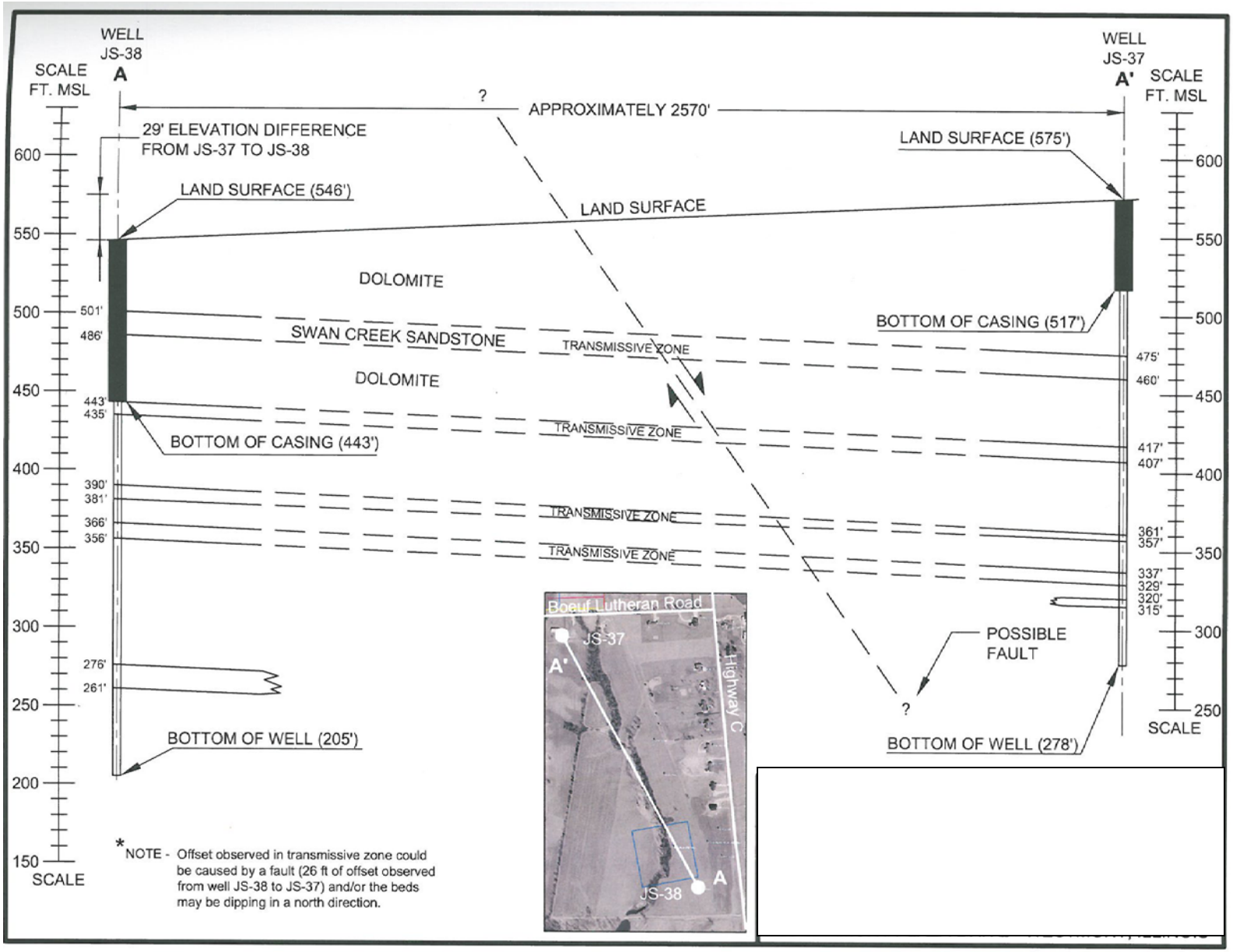


Figure 2-8: Interval Screening Report's transmissive zones.

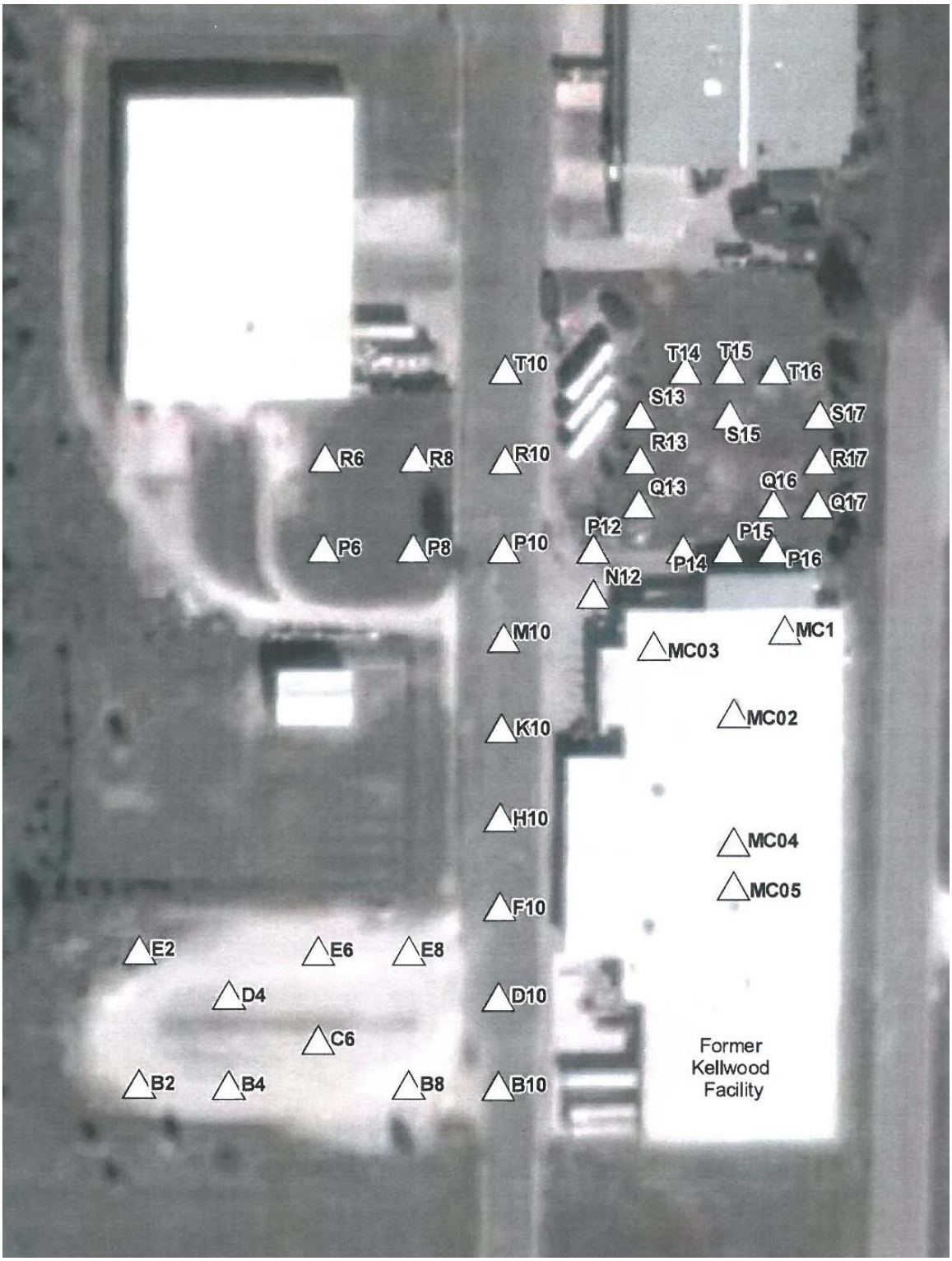
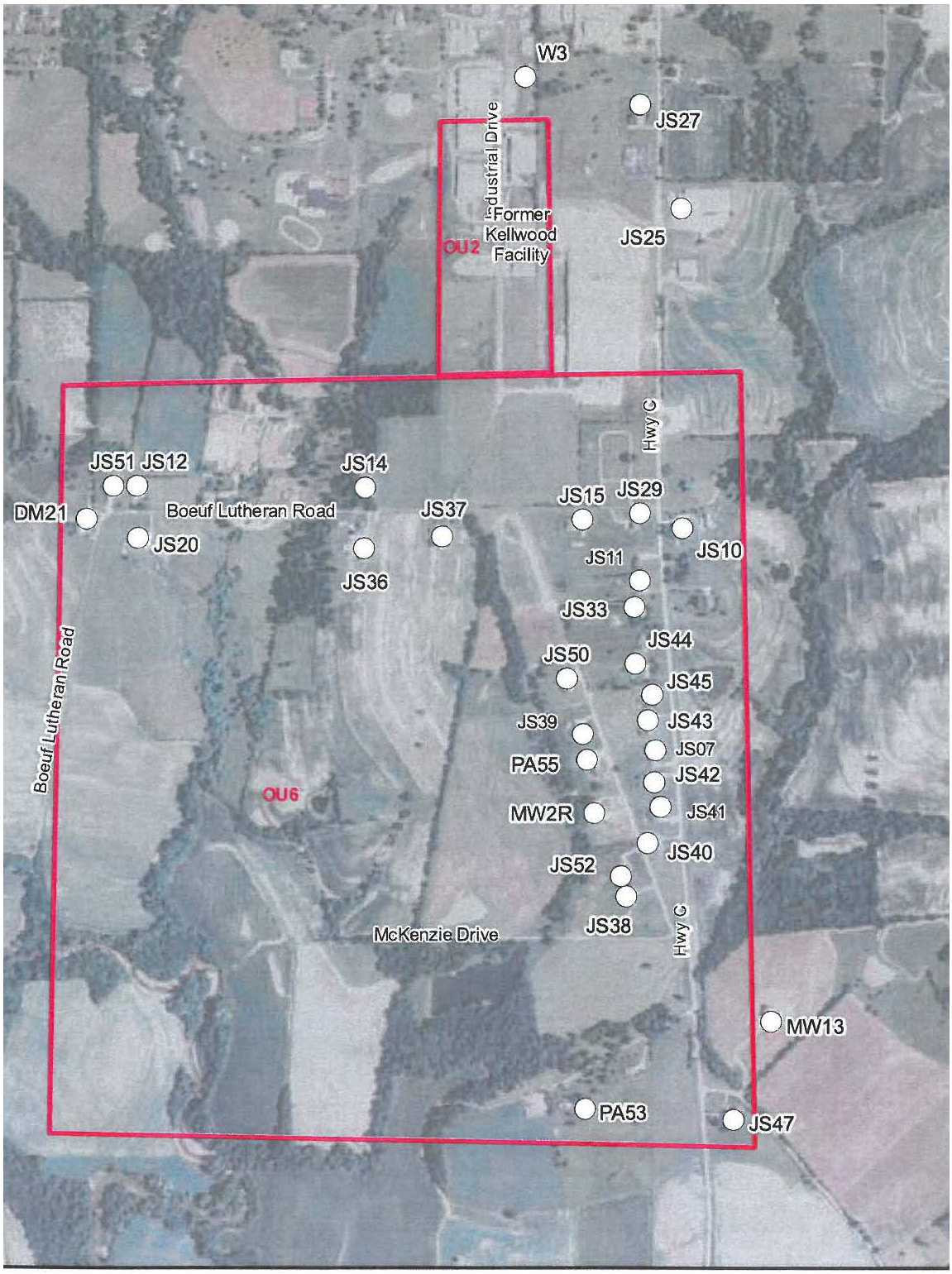


Figure 2-9: Soil Investigation sampling locations at OU2.



Residential Well Sampling

Figure 2-10: Residential well sampling locations.

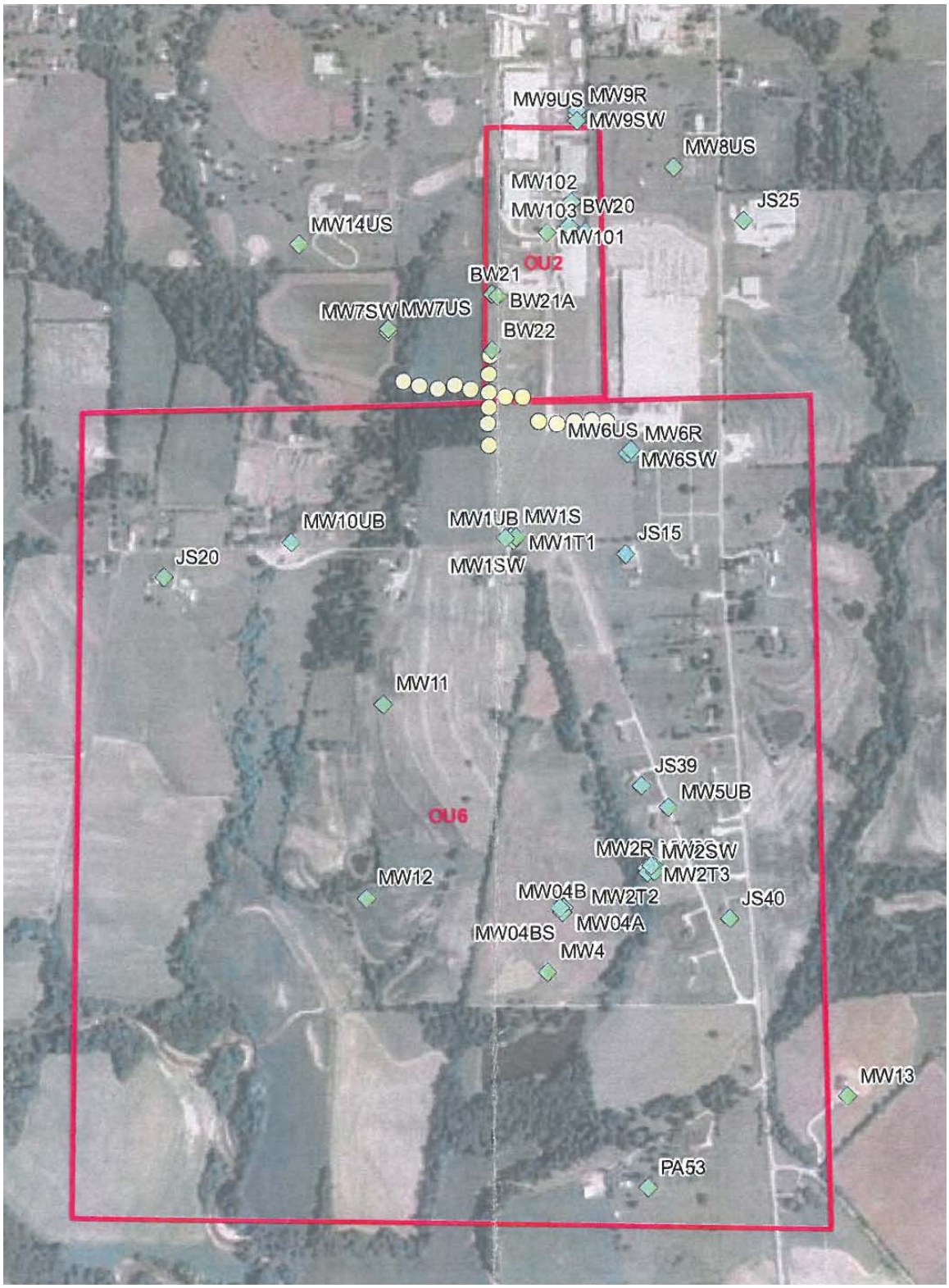


Figure 2-11: Site-wide groundwater sampling locations.

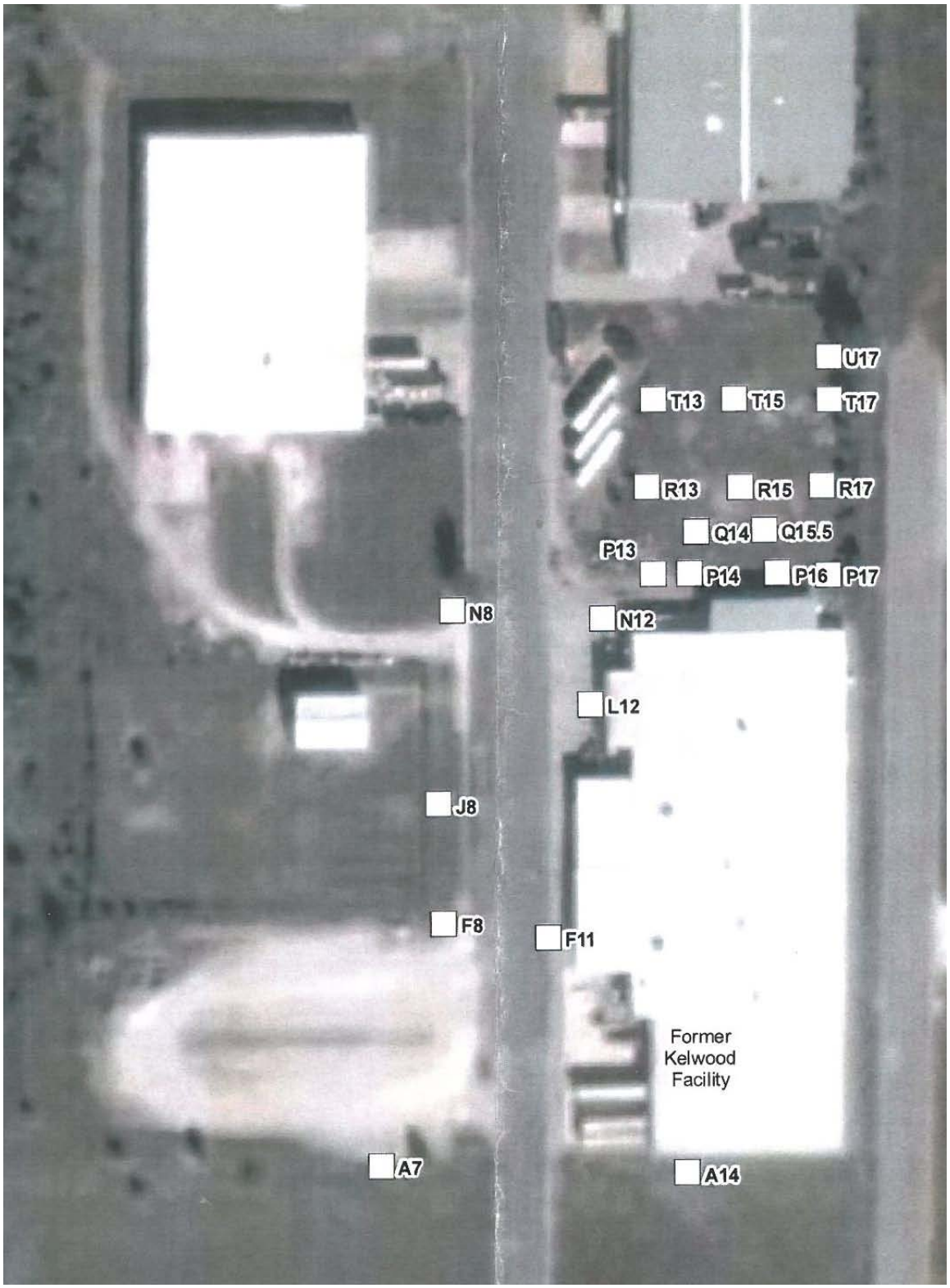
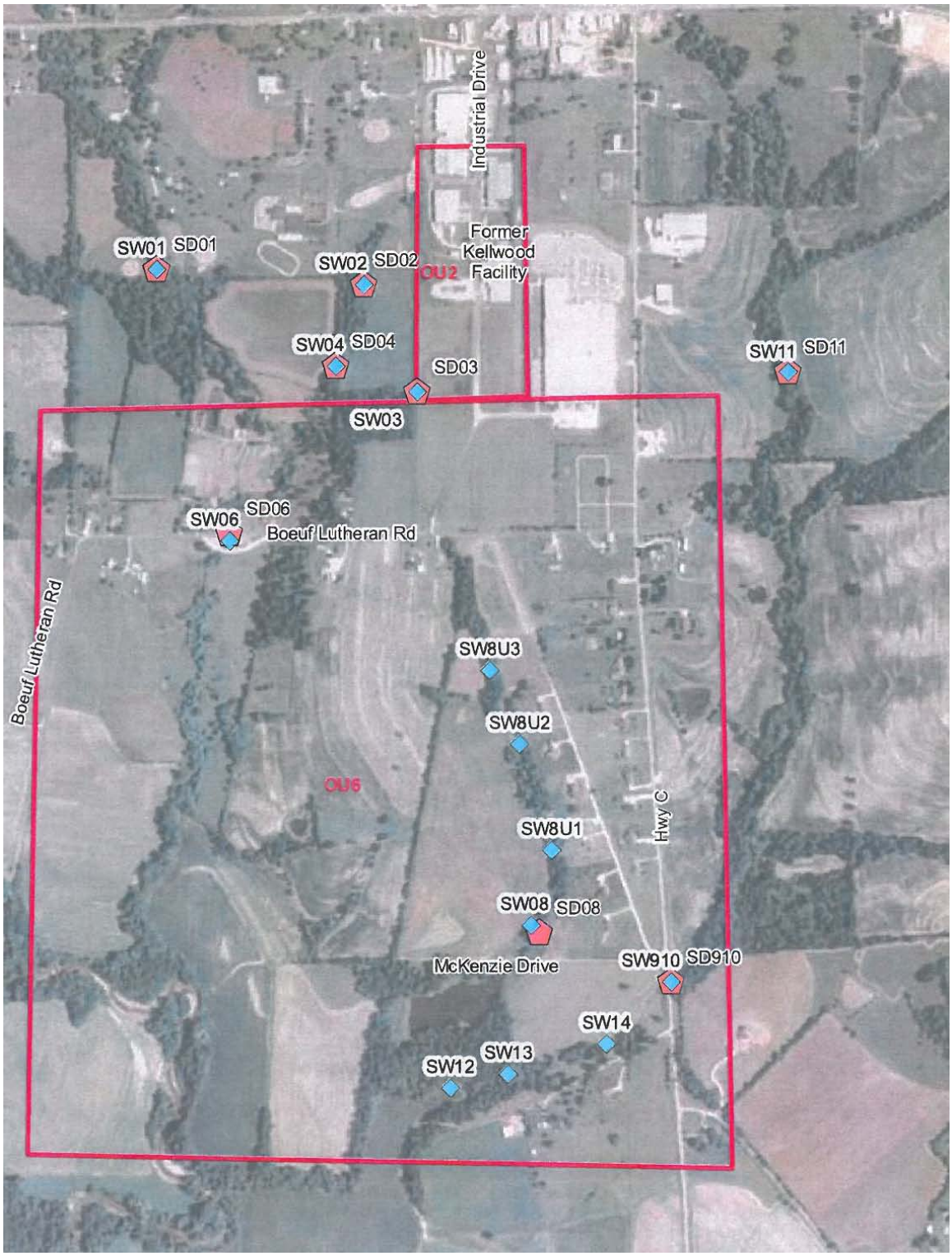


Figure 2-12: DNAPL investigation sampling locations.



Task 4: Surface Water

Task 4: Sediment

Figure 2-13: Sediment and surface water sampling locations.

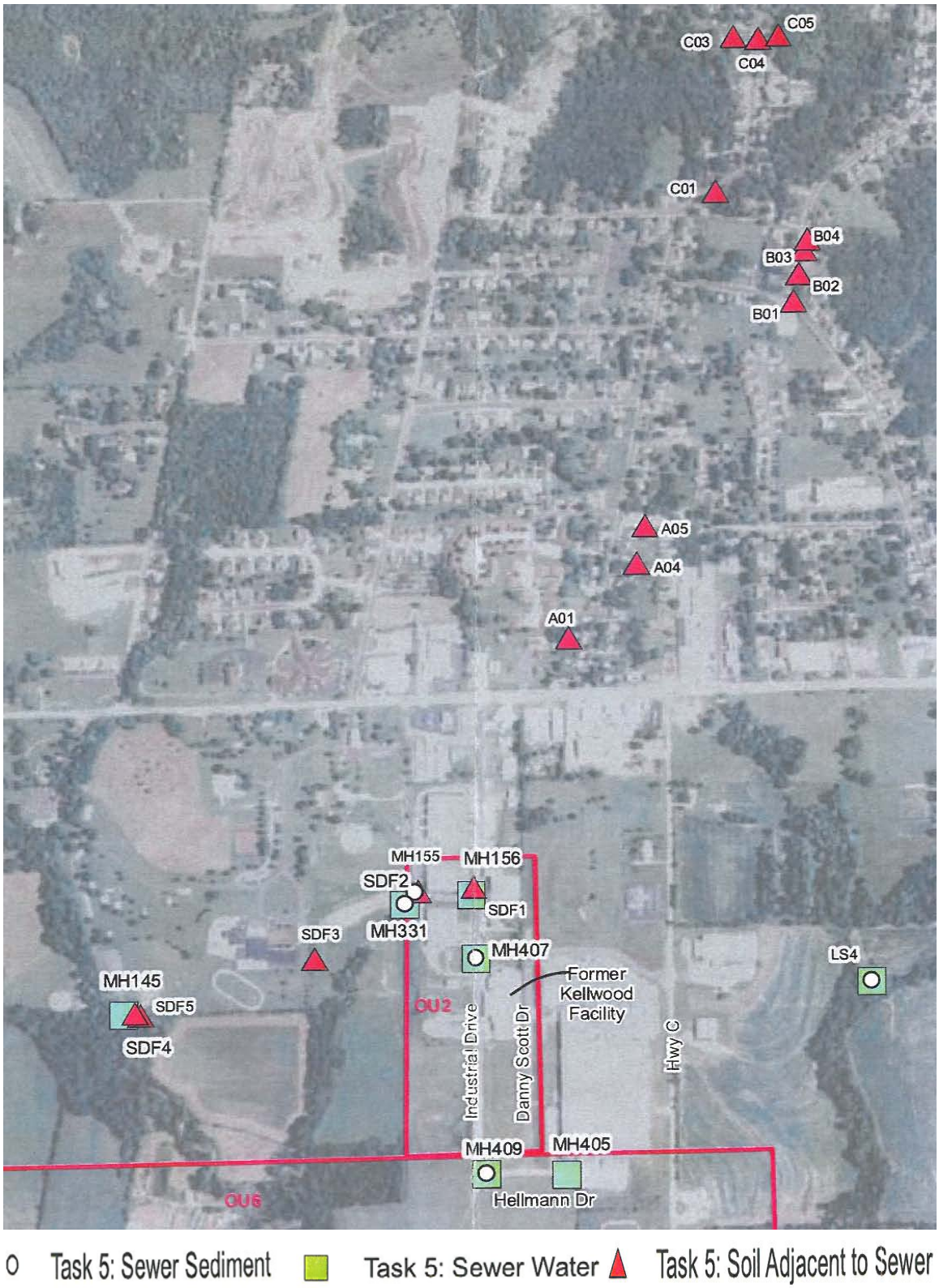


Figure 2-14: Sewer sediment, water, and soil sampling locations.

Figure 2-15: Soil gas sampling locations around high school.

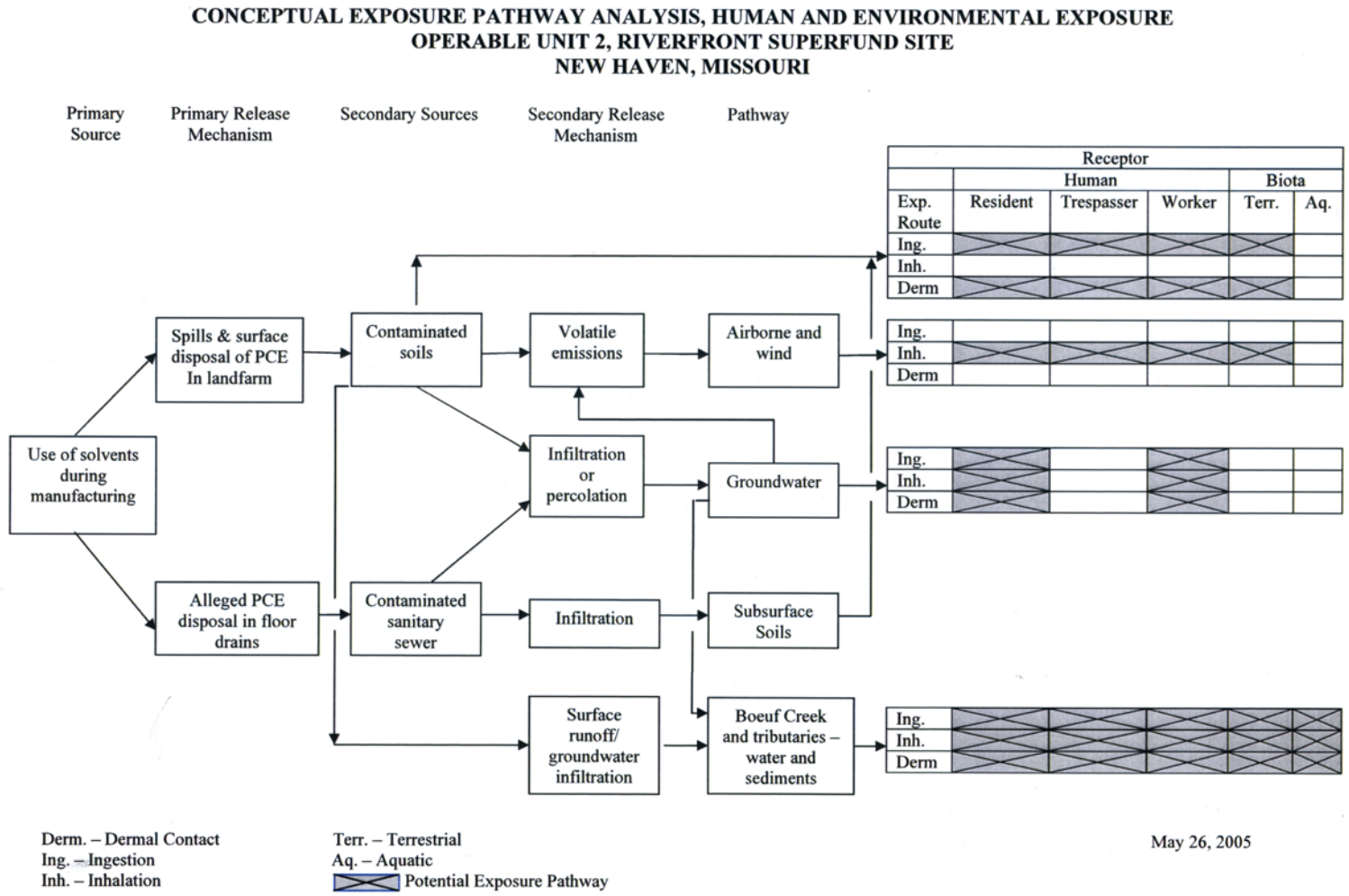


Figure 5-1: Conceptual site model.

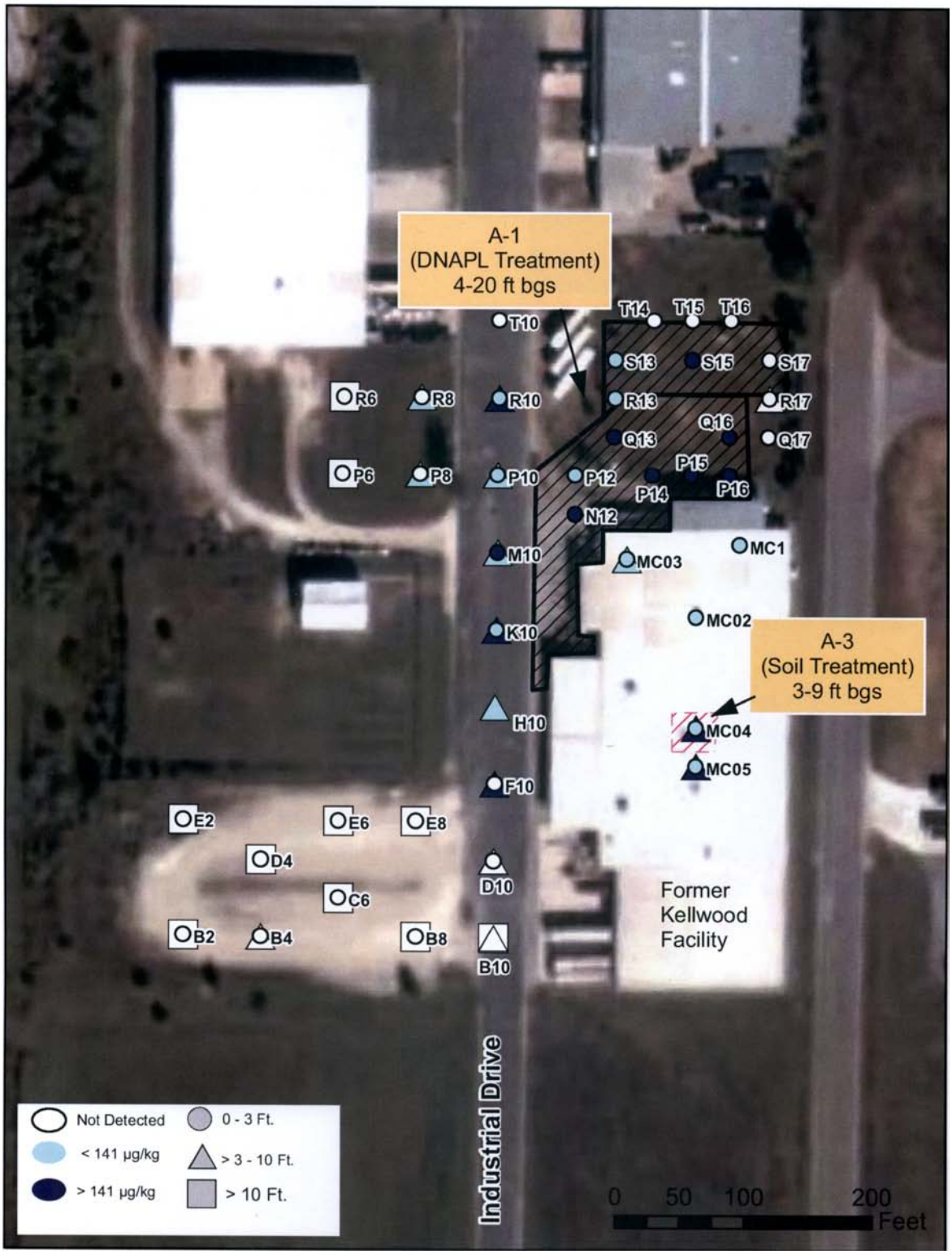
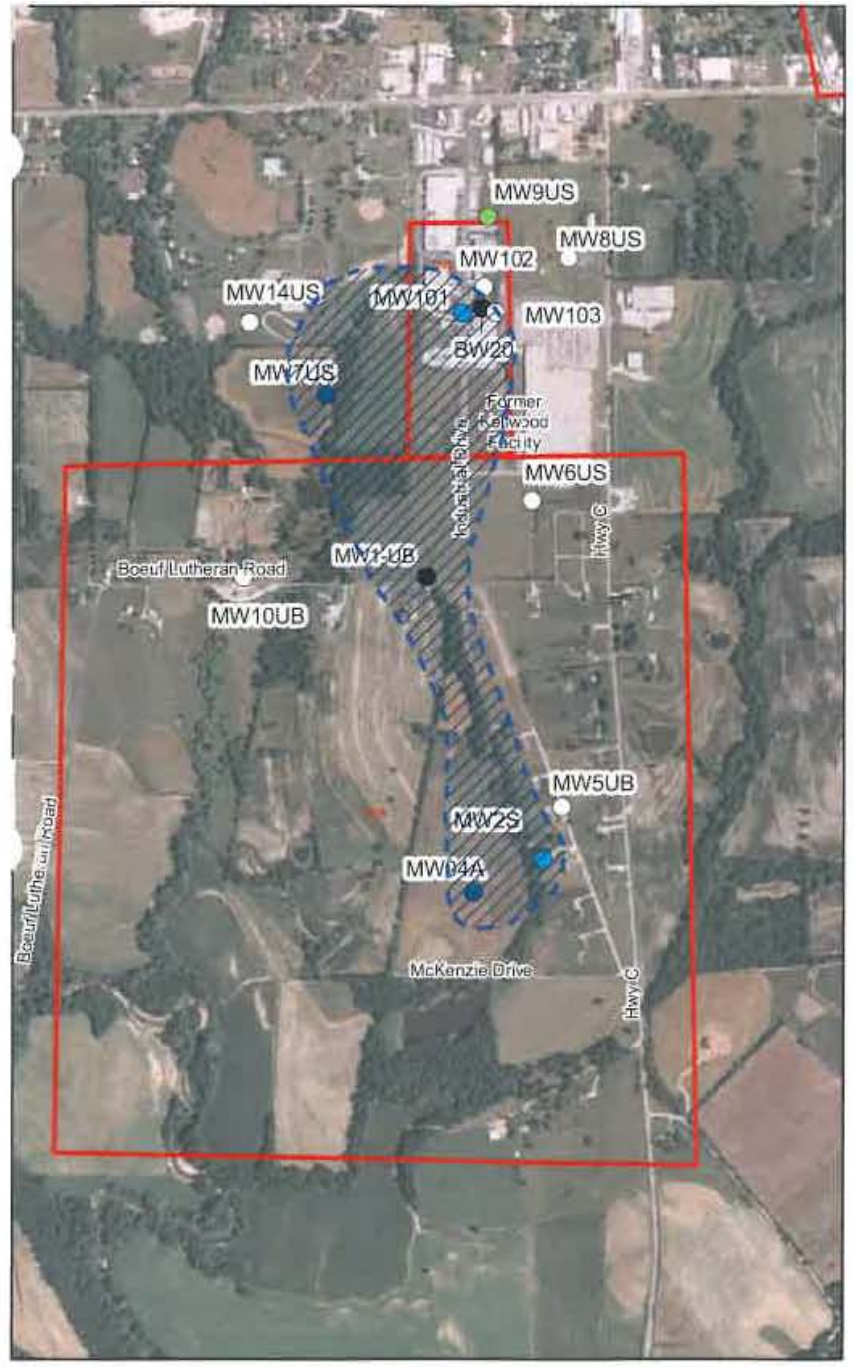
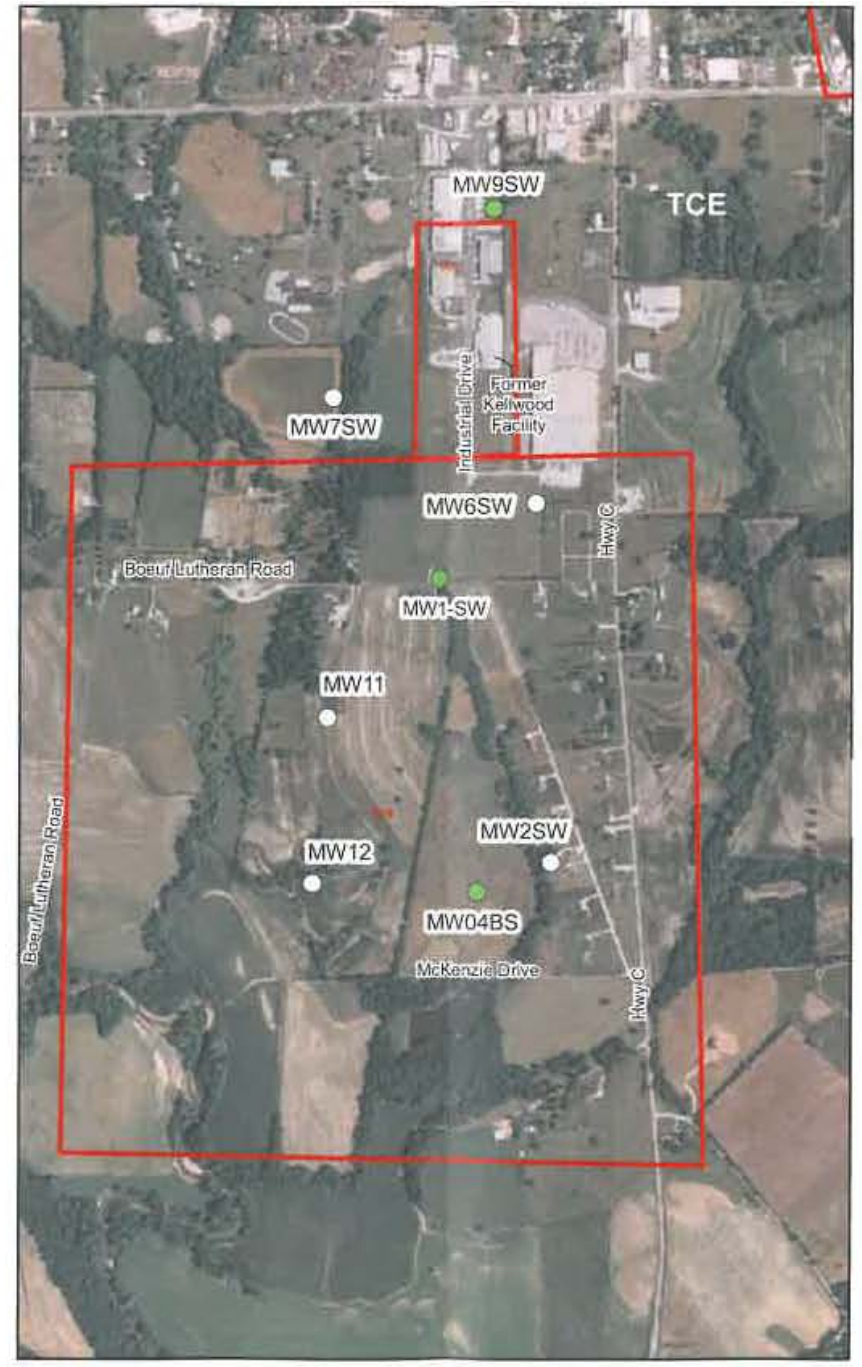


Figure 5-2: DNAPL Treatment Area (A-1) and Soil Treatment Area (A-3) under the former Kellwood facility.



Upper Sandstone Marker Bed/Upper Bedrock Permeable Zone



Swan Creek

Lower Jefferson City/Roubidoux Formation

Figure 5-3: Estimated extent of groundwater above Remedial Action Objective.

PCE Concentration

Not Detected

<5 µg/L (MCL)

5-100 µg/L

> 100 – 1,000 µg/L

> 1,000 µg/L

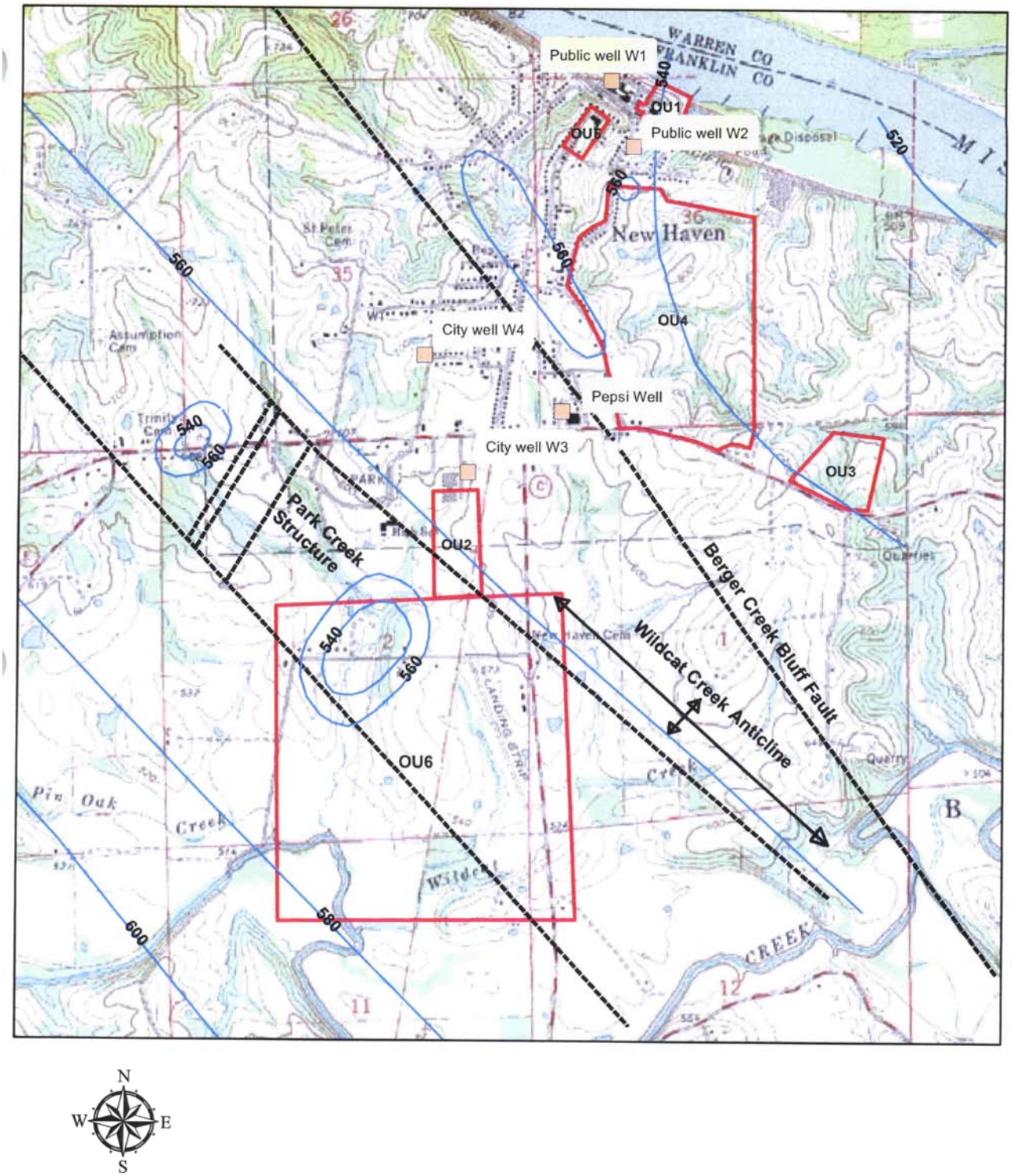


Figure 5-4: Geologic structure beneath New Haven, Missouri.

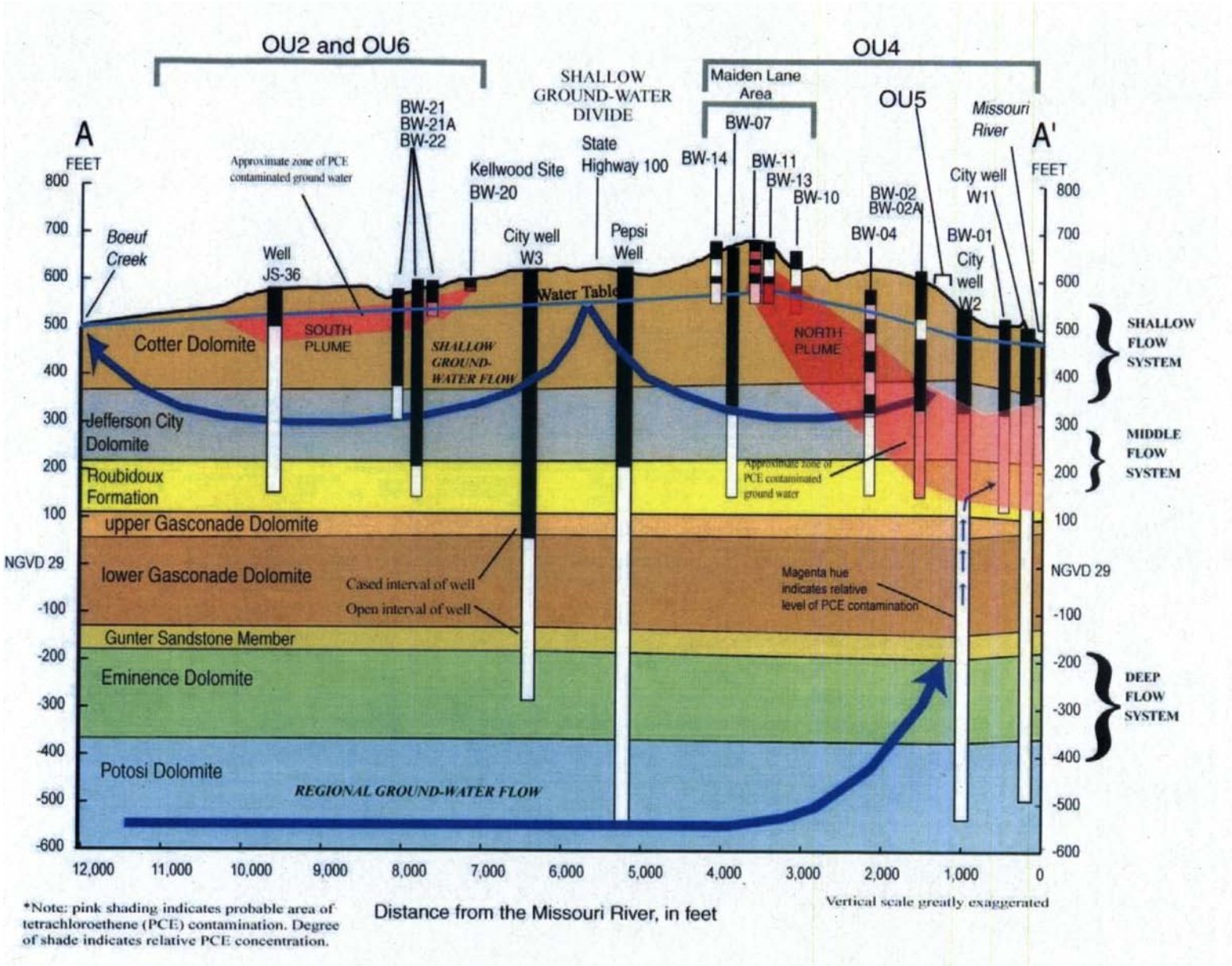


Figure 5-5: Groundwater Divide.

Figure 5-6: Location of contamination in soils at OU2 and OU6.

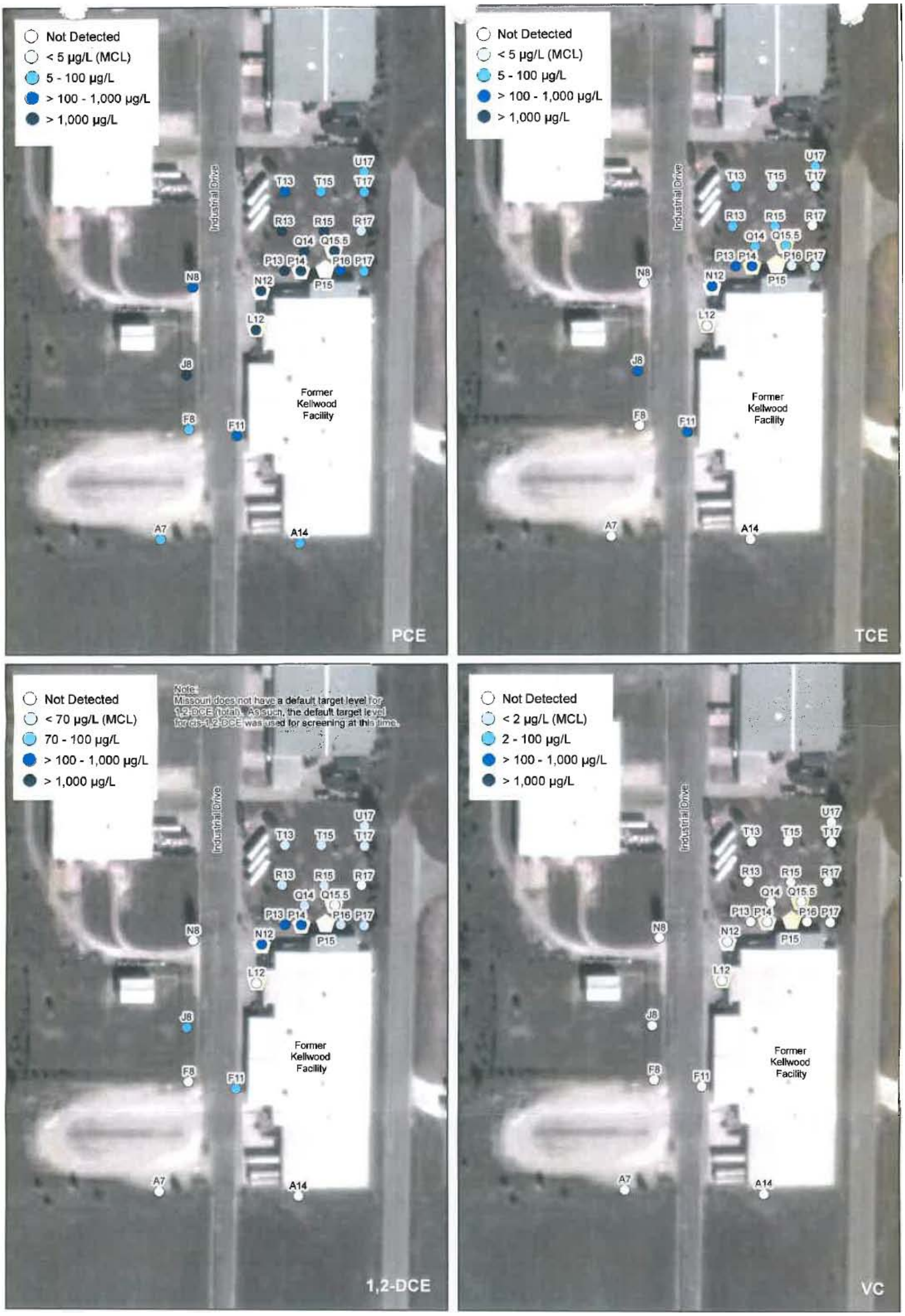


Figure 5-7: Extent of detections of DNAPL in OU2 and OU6.

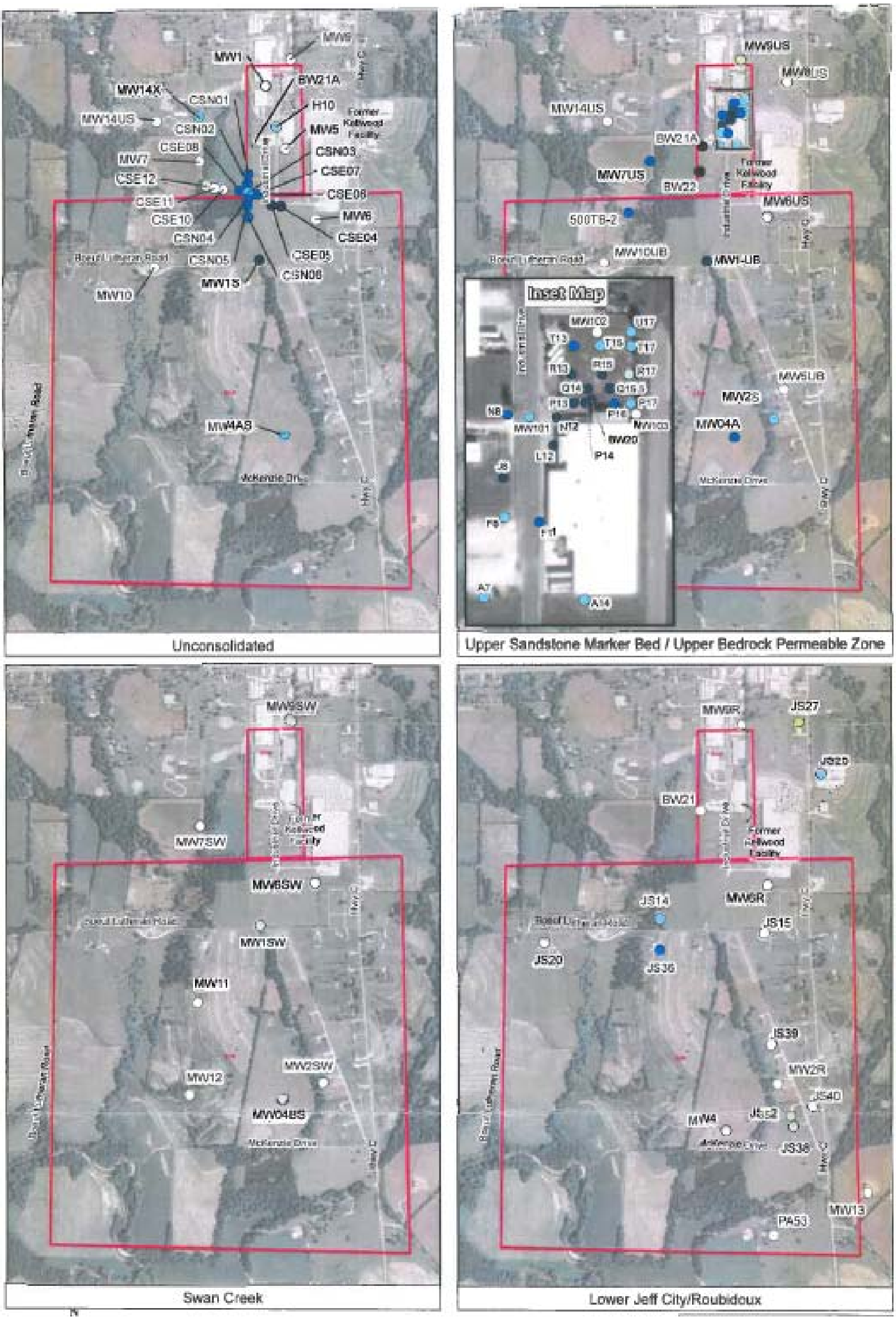


Figure 5-8: PCE detections in primary transmissive zones.

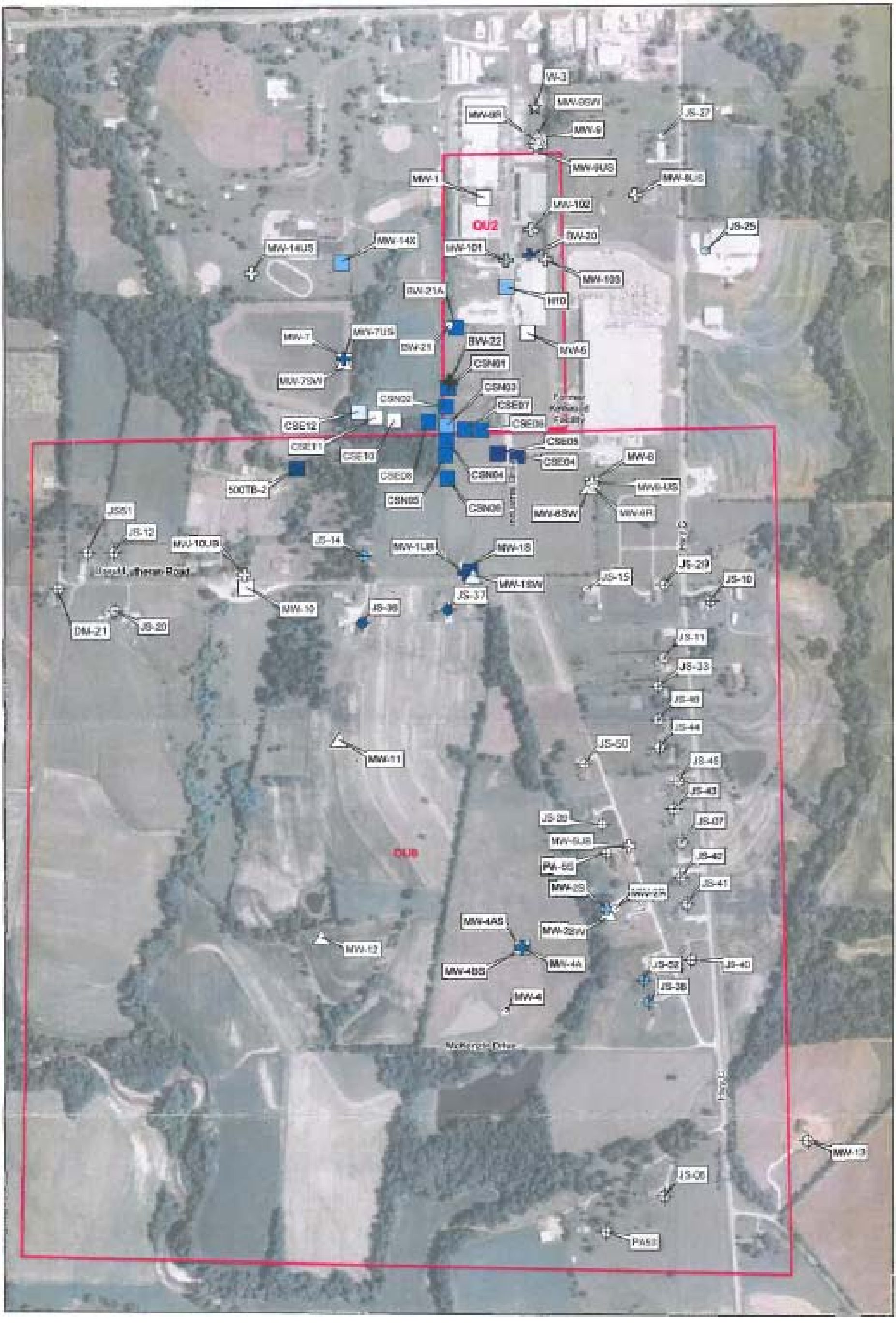


Figure 5-9: PCE detections in all groundwater zones.

Figure 5-10: PCE detection in sanitary sewer sediment and in soils adjacent to sewers at OU2 and OU6.

Figure 5-11: PCE detections in sanitary sewer water in OU2 and OU6.

Figure 5-12: PCE detections in surface water in OU2 and OU6.

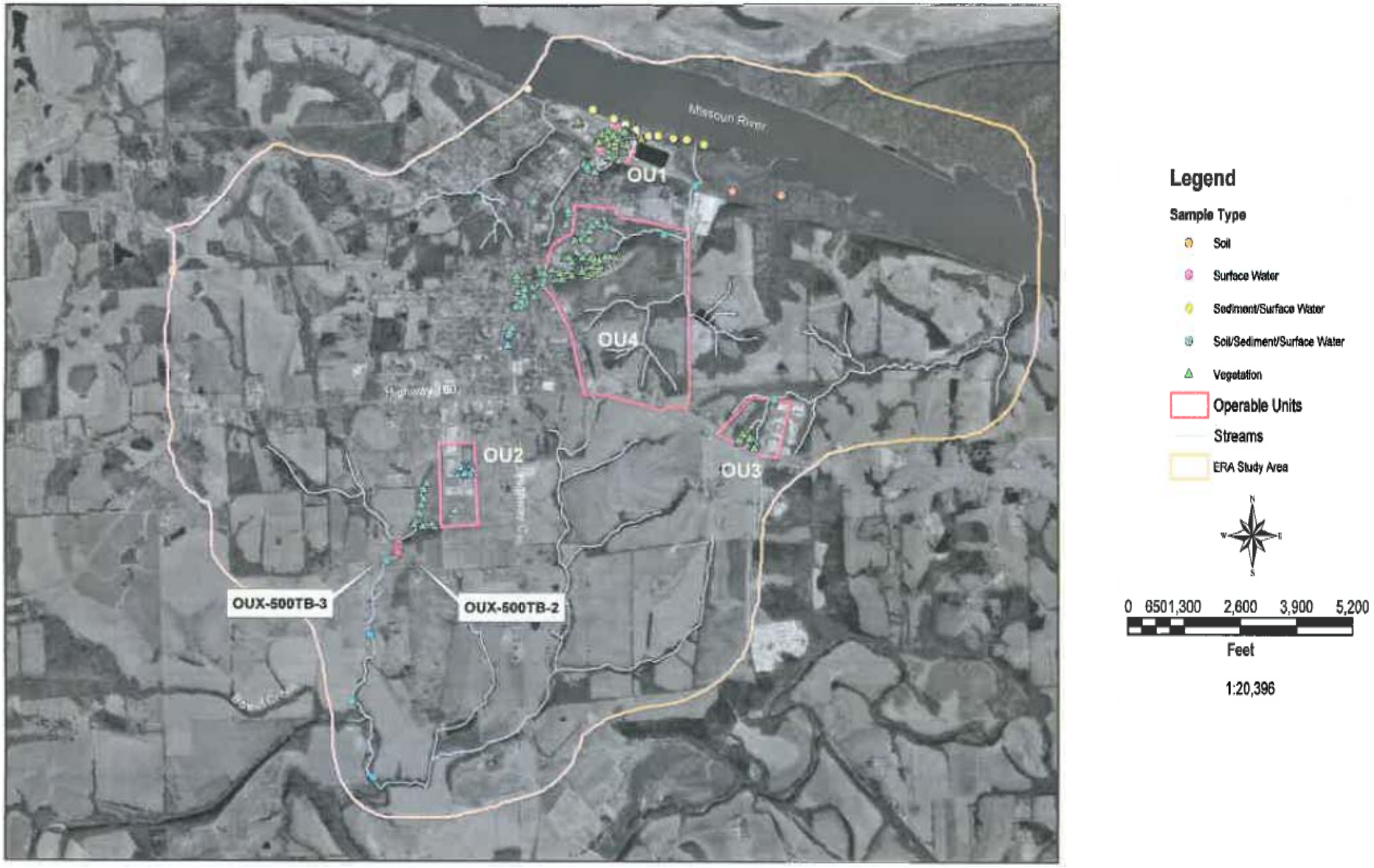


Figure 7-1: Ecological Risk Assessment Study Area.

Figure 12-1: DNAPL and chemical oxidation treatment areas in OU2.

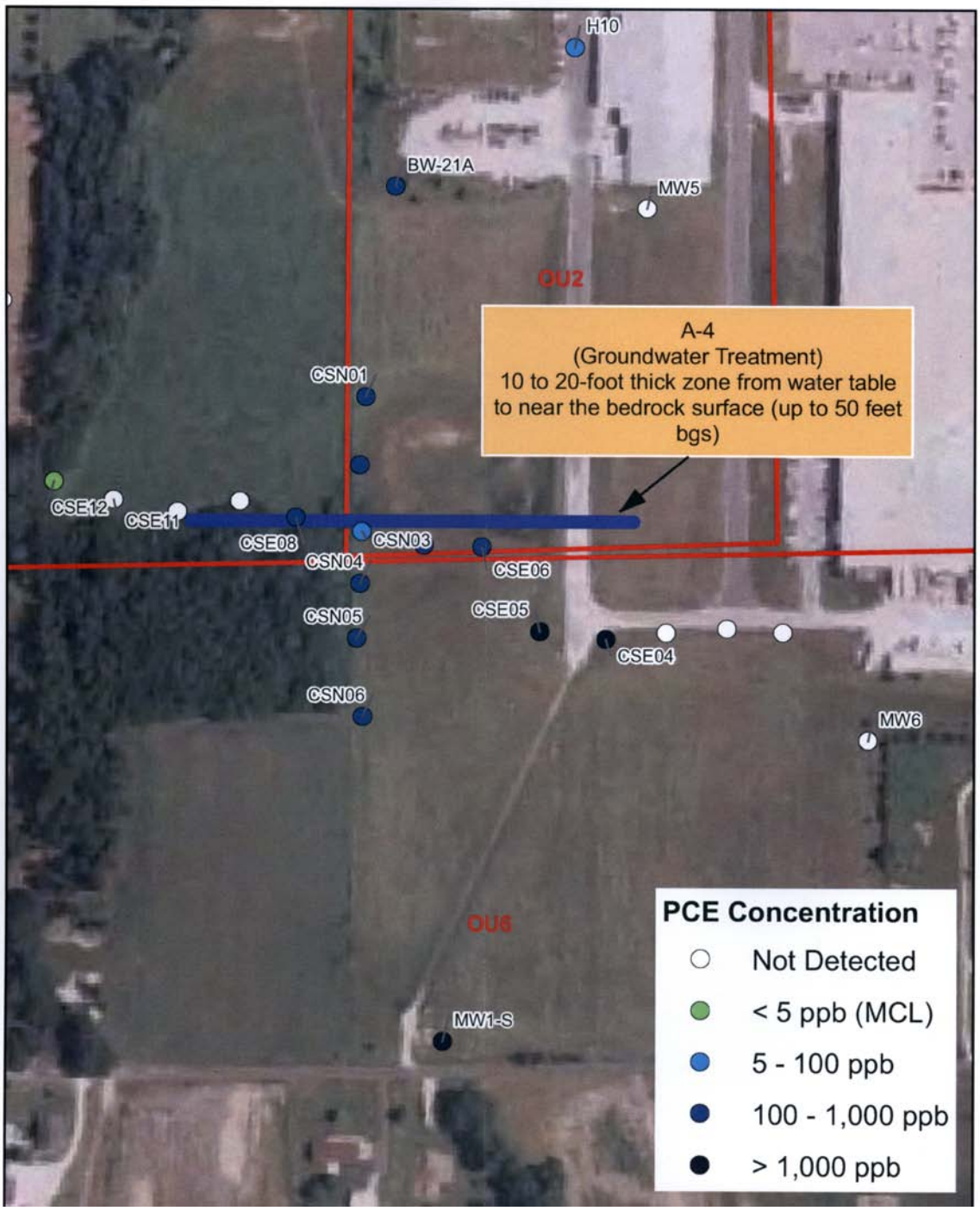


Figure 12-2: Area A-4 groundwater treatment wells.