FIGURES

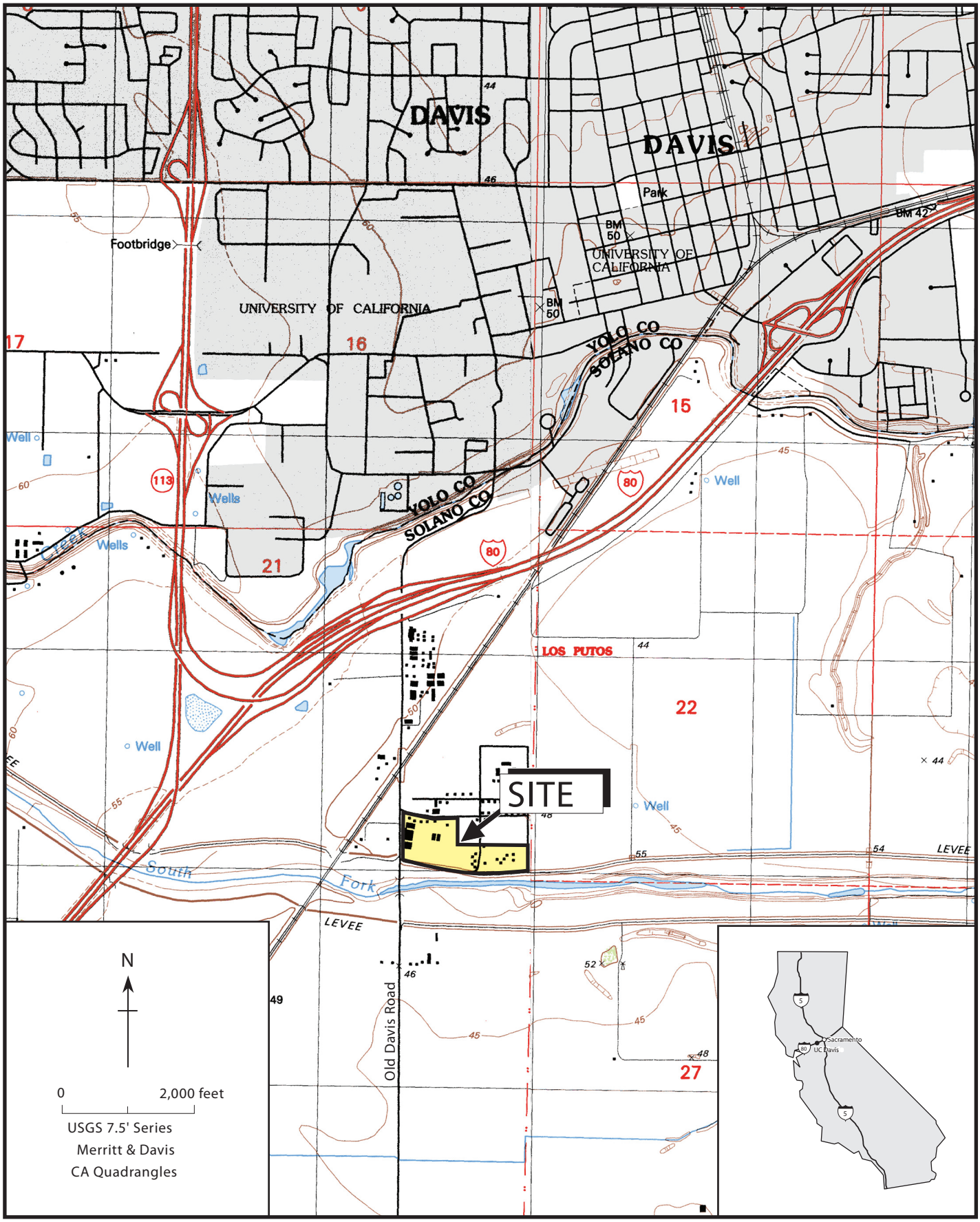


Figure 1-1. Site Vicinity Map - Laboratory for Energy-related Health Research/Old Campus Landfill, University of California, Davis

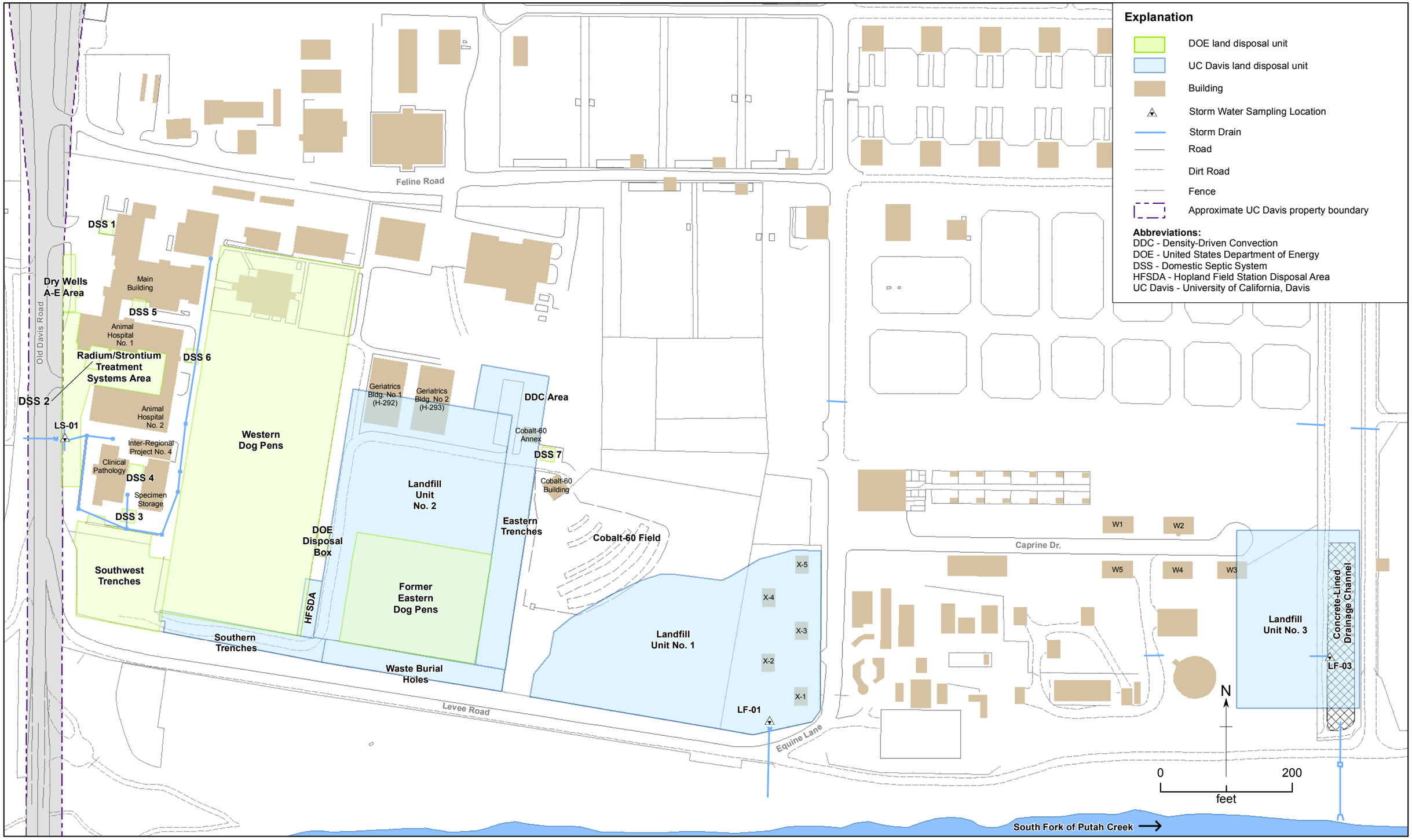
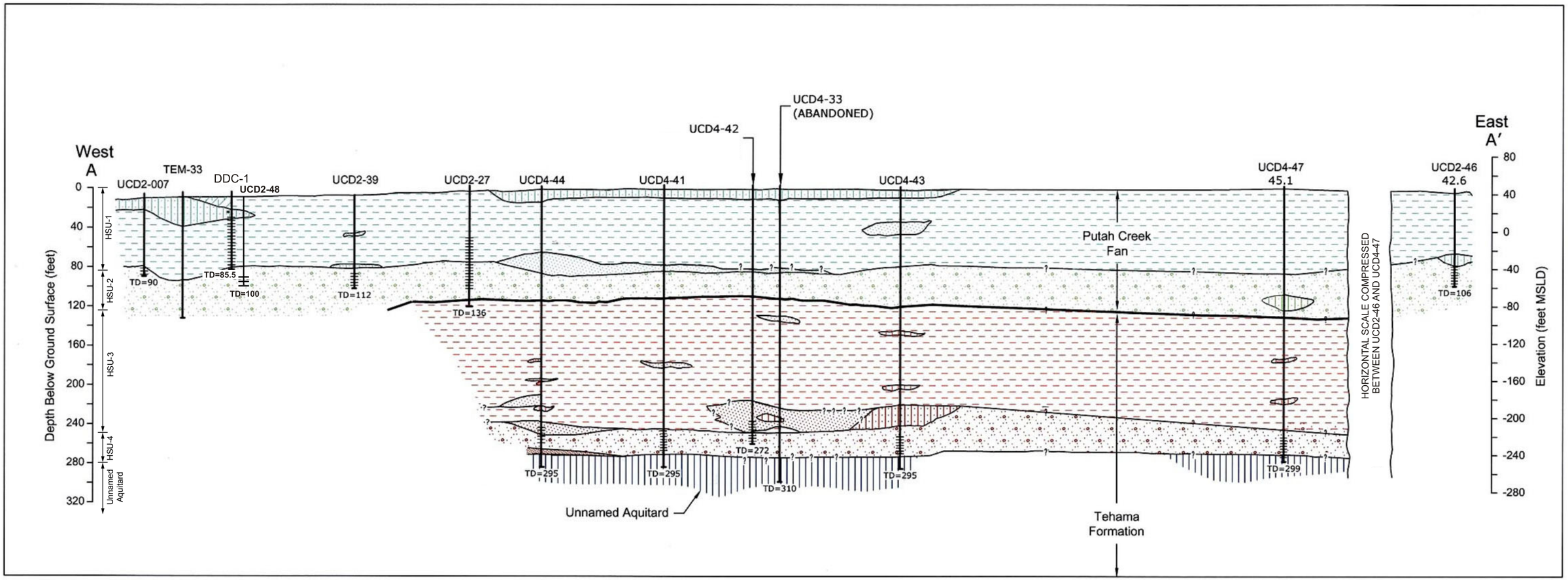


Figure 2-1. Site Features - Laboratory for Energy-related Health Research/Old Campus Landfill, University of California, Davis



EXPLANATION

UCD4-43 HSU4 Monitoring Well

Screened Interval

TD=295

Contact Between Putah Creek Fan and Tehama Formation

Geologic Contact

Geologic Contact Uncertain

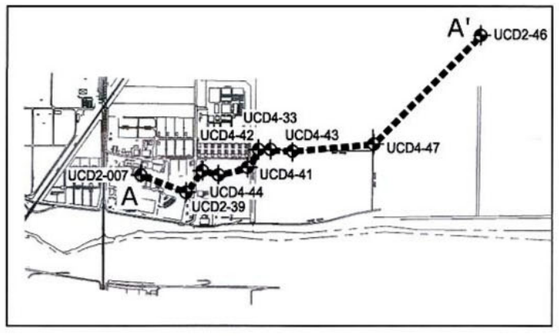
HSU-1	HSU-2	HSU-3	HSU-4
Fine Grained Silty Sand (SM)	Fine Grained Silty Sand (SM)	Fine Grained Silty Sand (SM)	Fine Grained Silty Sand (SM)
Interbedded Clayey Silt (ML) to Silty Clay (CL)	Interbedded Clayey Silt (ML) to Silty Clay (CL)	Interbedded Clayey Silt (ML) to Silty Clay (CL)	Interbedded Clayey Silt (ML) to Silty Clay (CL)
Fine to Coarse Grained Sand (SP)	Fine to Coarse Grained Sand (SP)	Fine to Coarse Grained Sand (SP)	Fine to Coarse Grained Sand (SP)
Coarse Grained Sandy Gravel (GP)	Coarse Grained Sandy Gravel (GP)	Coarse Grained Sandy Gravel (GP)	Coarse Grained Sandy Gravel (GP)
Silt (ML) With Some Sand and Clay	Silt (ML) With Some Sand and Clay	Silt (ML) With Some Sand and Clay	Silt (ML) With Some Sand and Clay

100

300

Scale in Feet

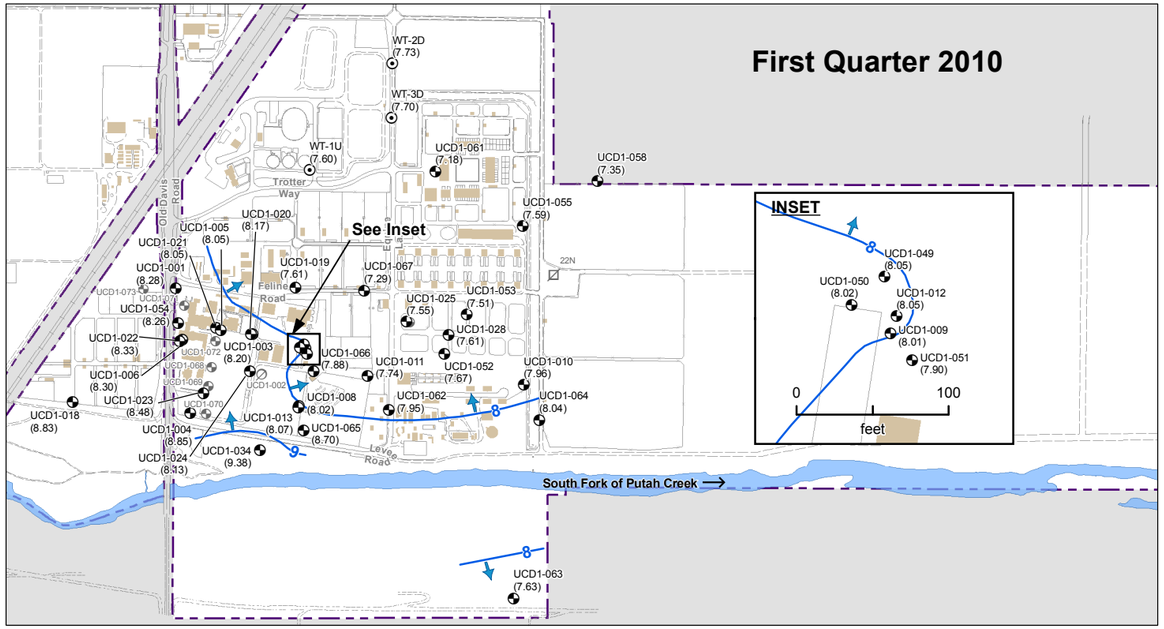
Vertical Exaggeration: 3x

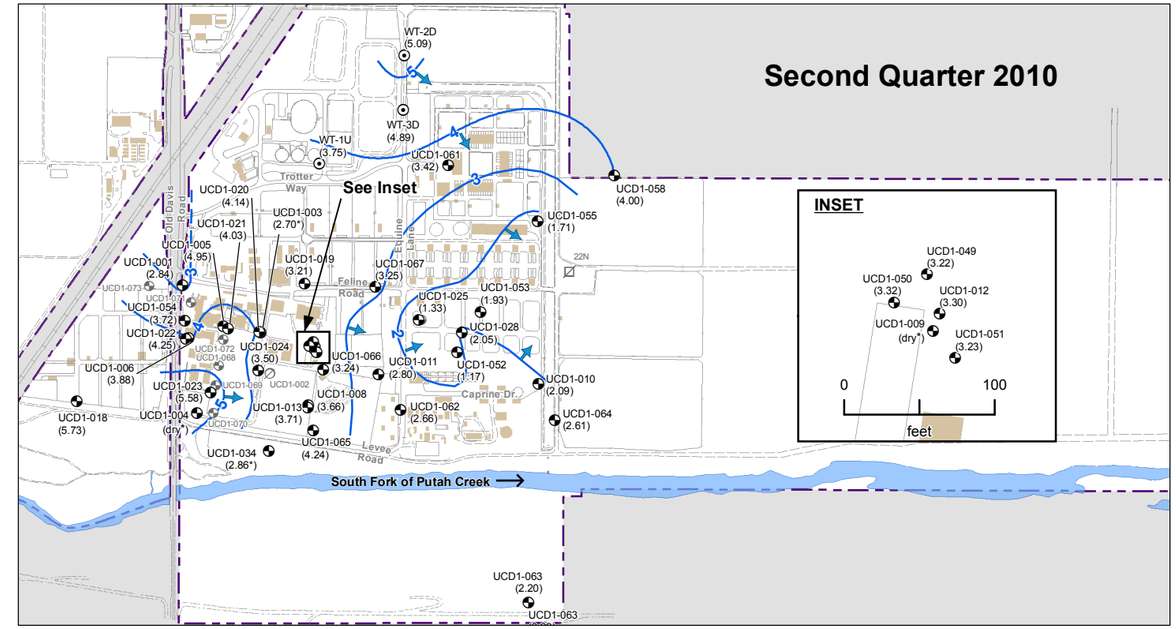


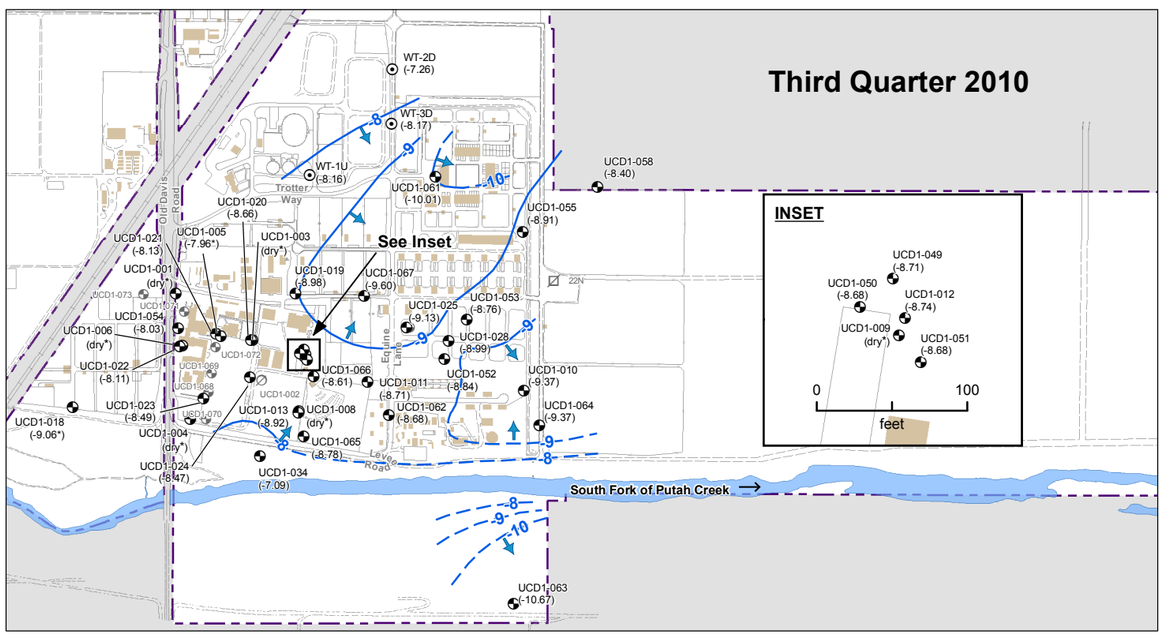
Abbreviations:
HSU - hydrostratigraphic unit
MSLD - feet above daily mean sea level
TD - total depth

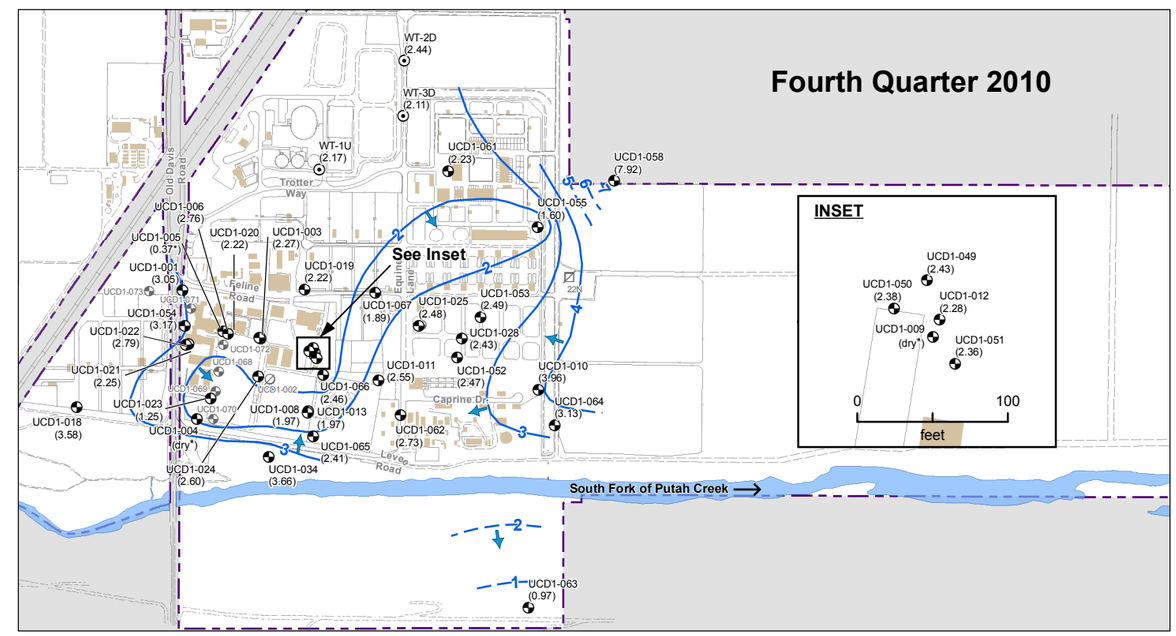
Source: Draft Screening of Alternatives for the Feasibility Study, LEHR/SCDS Environmental Restoration (Brown & Caldwell, October 2006).

Figure 2-2. Generalized Hydrogeological Cross-Section — Laboratory for Energy-related Health Research/Old Campus Landfill, University of California, Davis









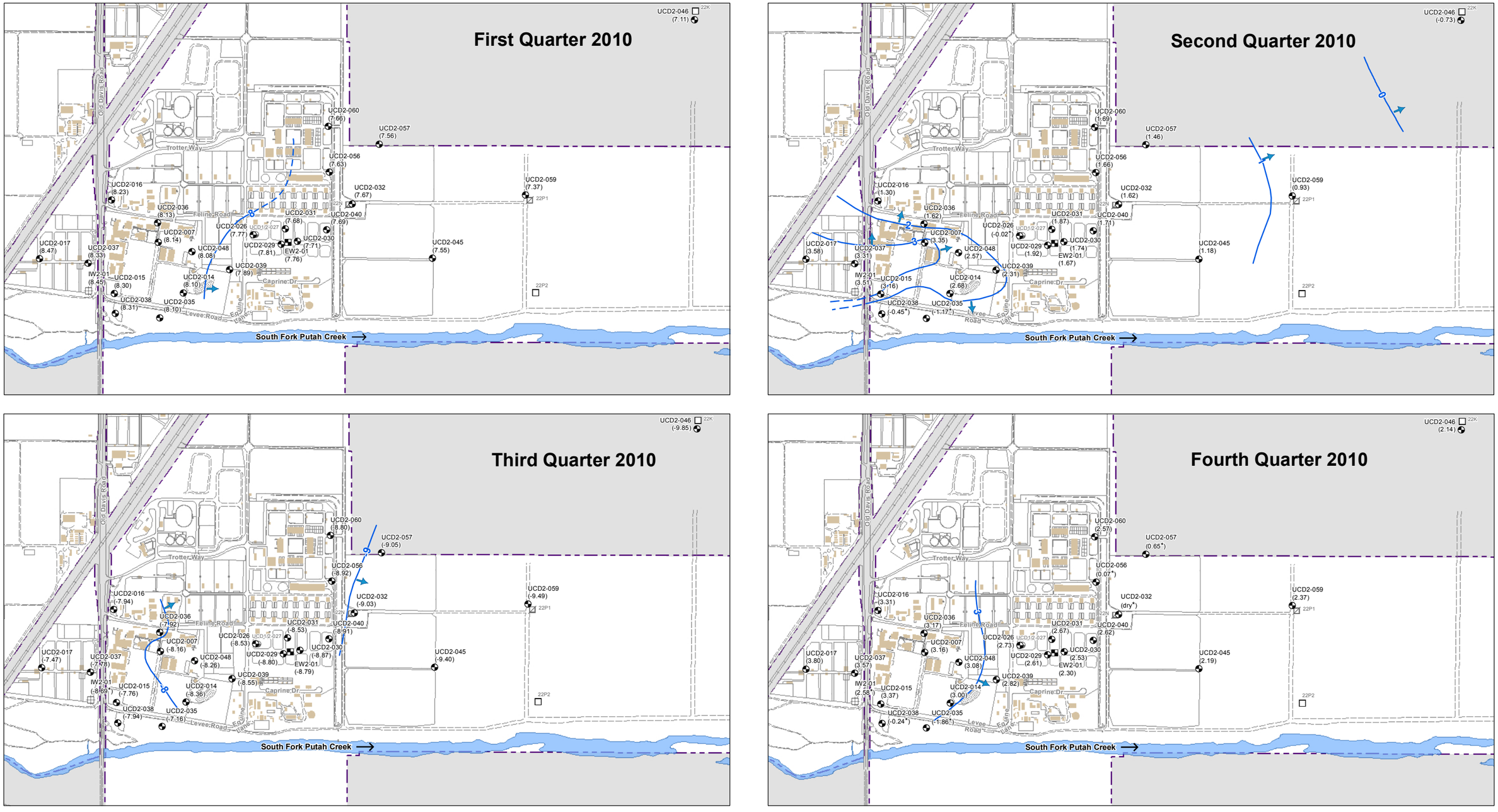
Explanation

- Monitoring well
- Abandoned monitoring well
- Abandoned agricultural well
- Wastewater treatment plant groundwater monitoring well
- 1.00 Groundwater elevation, feet above mean sea level
- (NM) Groundwater elevation not measured
- * Groundwater elevation not used for contouring (dry or anomalous)
- (<n) Groundwater elevation below well screen bottom of n feet above mean sea level
- 1.0 Groundwater elevation contour, dashed where inferred, feet above mean sea level
- Groundwater flow direction, inferred
- Surface water flow direction
- University of California, Davis property boundary, approximately located

N

0 800 feet

Figure 2-3. Groundwater Elevations in Hydrostratigraphic Unit 1 – Four Quarters 2010 - Laboratory for Energy-related Health Research/Old Campus Landfill, University of California, Davis



Explanation

- Monitoring well
- Extraction well for interim removal action system
- Inactive injection well
- Agricultural well
- Abandoned agricultural well

1.00 Groundwater elevation, feet above mean sea level

* Groundwater elevation not used for contouring (dry or anomalous)

(NM) Groundwater elevation not measured

University of California, Davis property boundary, approximately located

Surface water flow direction

1.0 Groundwater elevation contour, dashed where inferred, feet above mean sea level

Groundwater flow direction, inferred

N

0 800 feet

Figure 2-4. Groundwater Elevations in Hydrostratigraphic Unit 2 – Four Quarters 2010 - Laboratory for Energy-related Health Research/Old Campus Landfill, University of California, Davis

Figure 2-5. 1937 Land Use - Laboratory for Energy-related Health Research/Old Campus Landfill, University of California, Davis

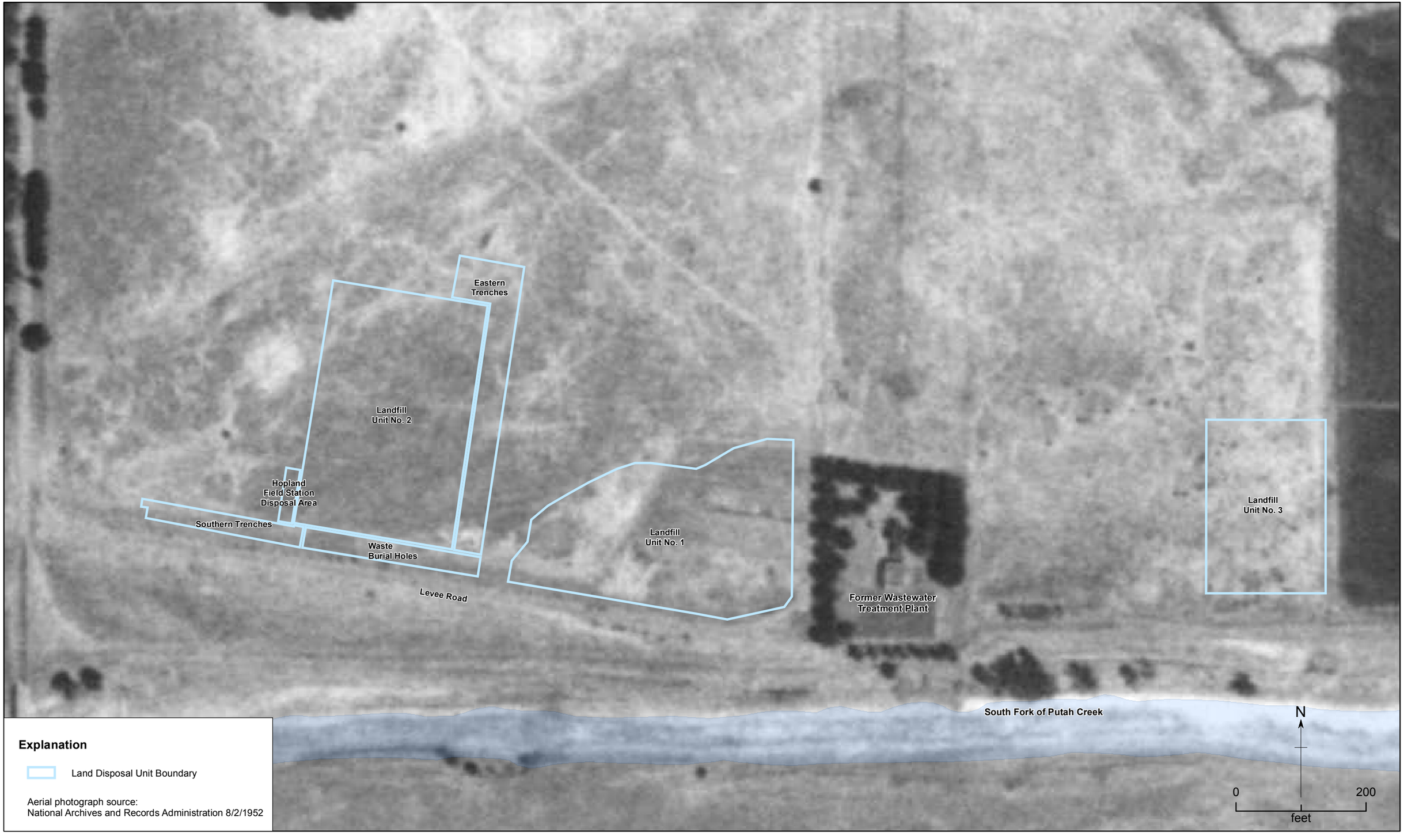


Figure 2-6. 1952 Land Use - Laboratory for Energy-related Health Research/Old Campus Landfill, University of California, Davis

Figure 2-7. 1957 Land Use - Laboratory for Energy-related Health Research/Old Campus Landfill, University of California, Davis

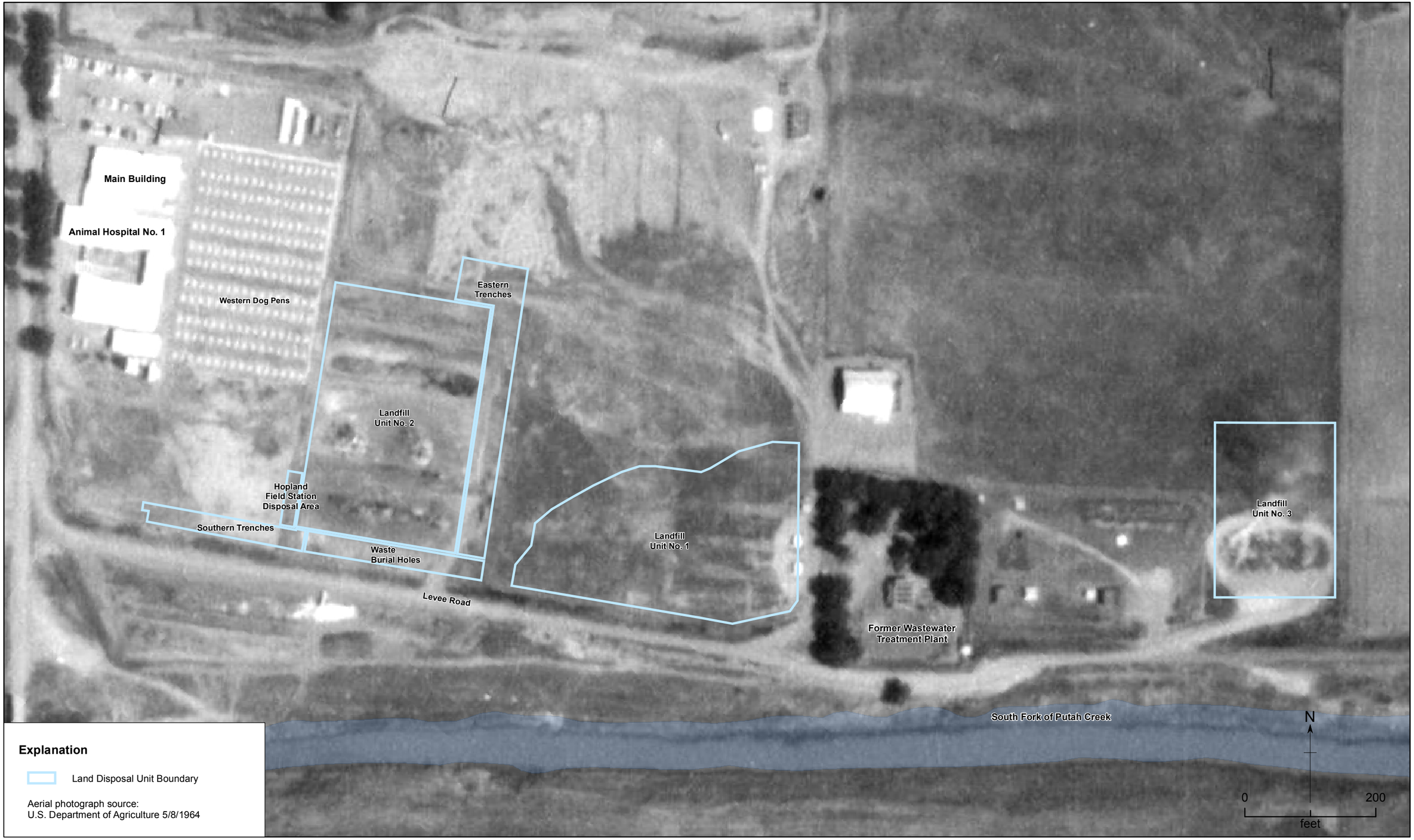


Figure 2-8. 1964 Land Use - Laboratory for Energy-related Health Research/Old Campus Landfill, University of California, Davis

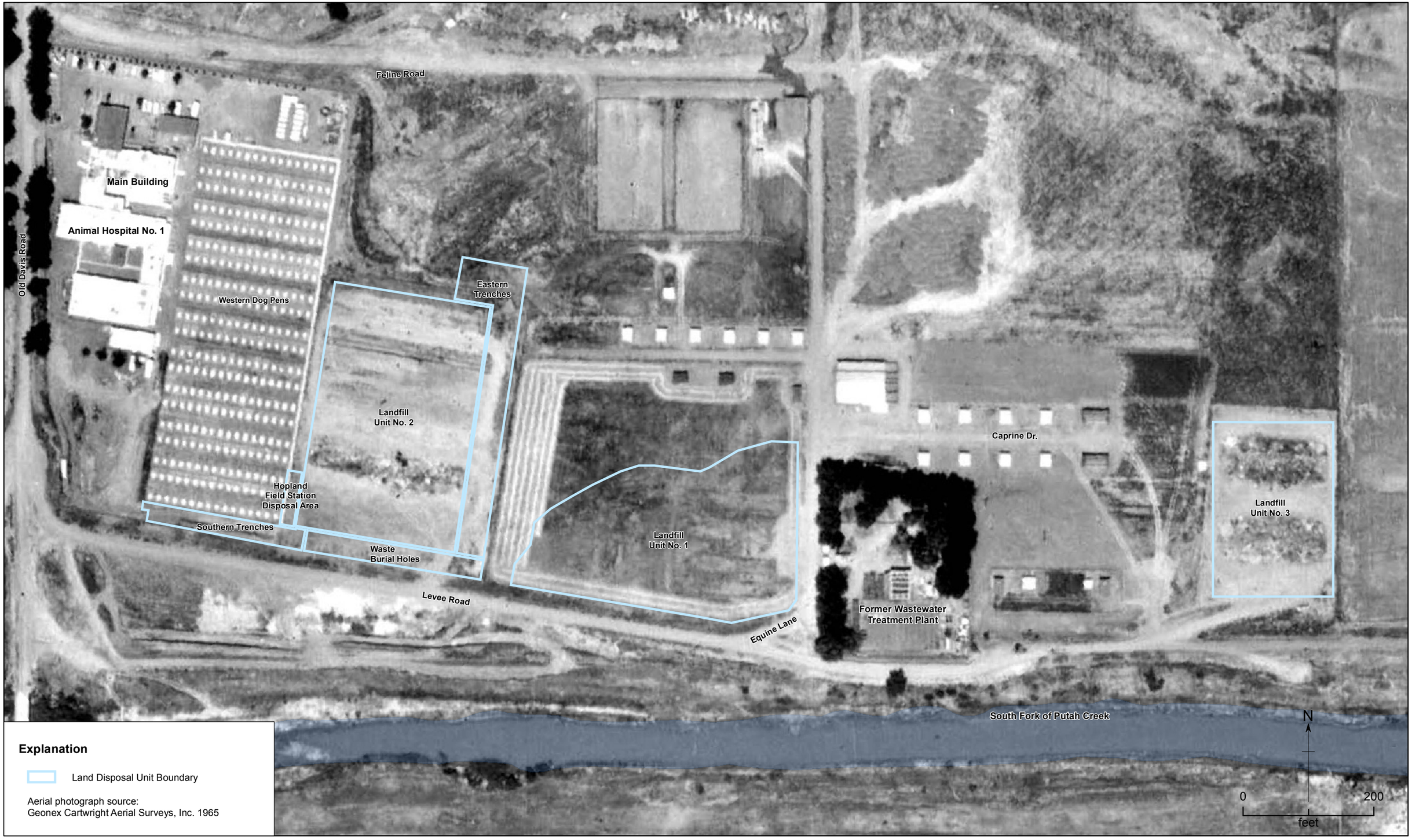


Figure 2-9. 1965 Land Use - Laboratory for Energy-related Health Research/Old Campus Landfill, University of California, Davis