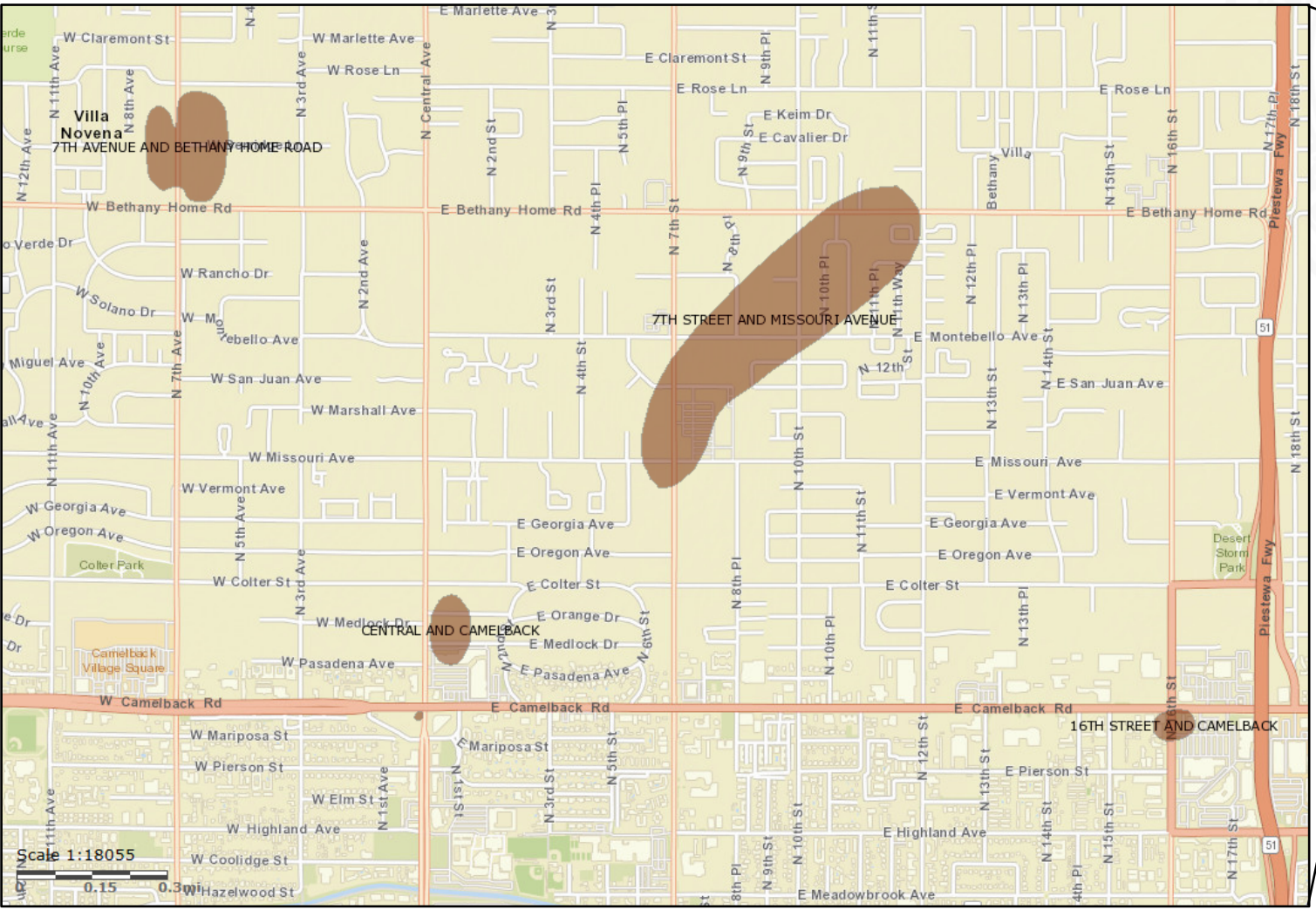
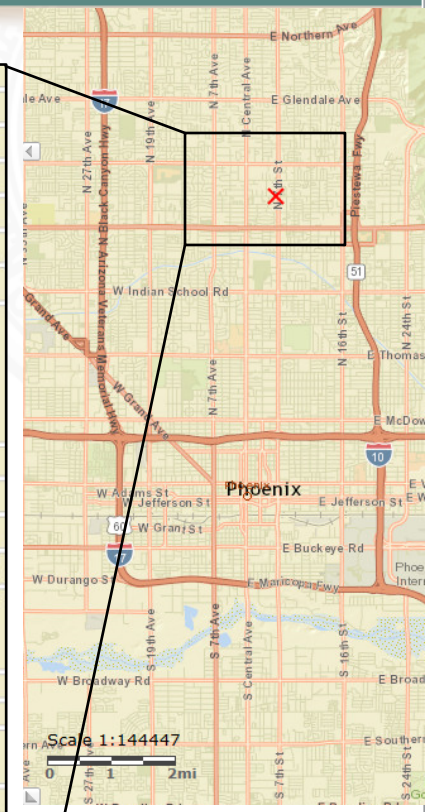
7th Street and Missouri Avenue Water Quality Assurance Revolving Fund Site

Central Phoenix CAB Meeting
5 December 2018

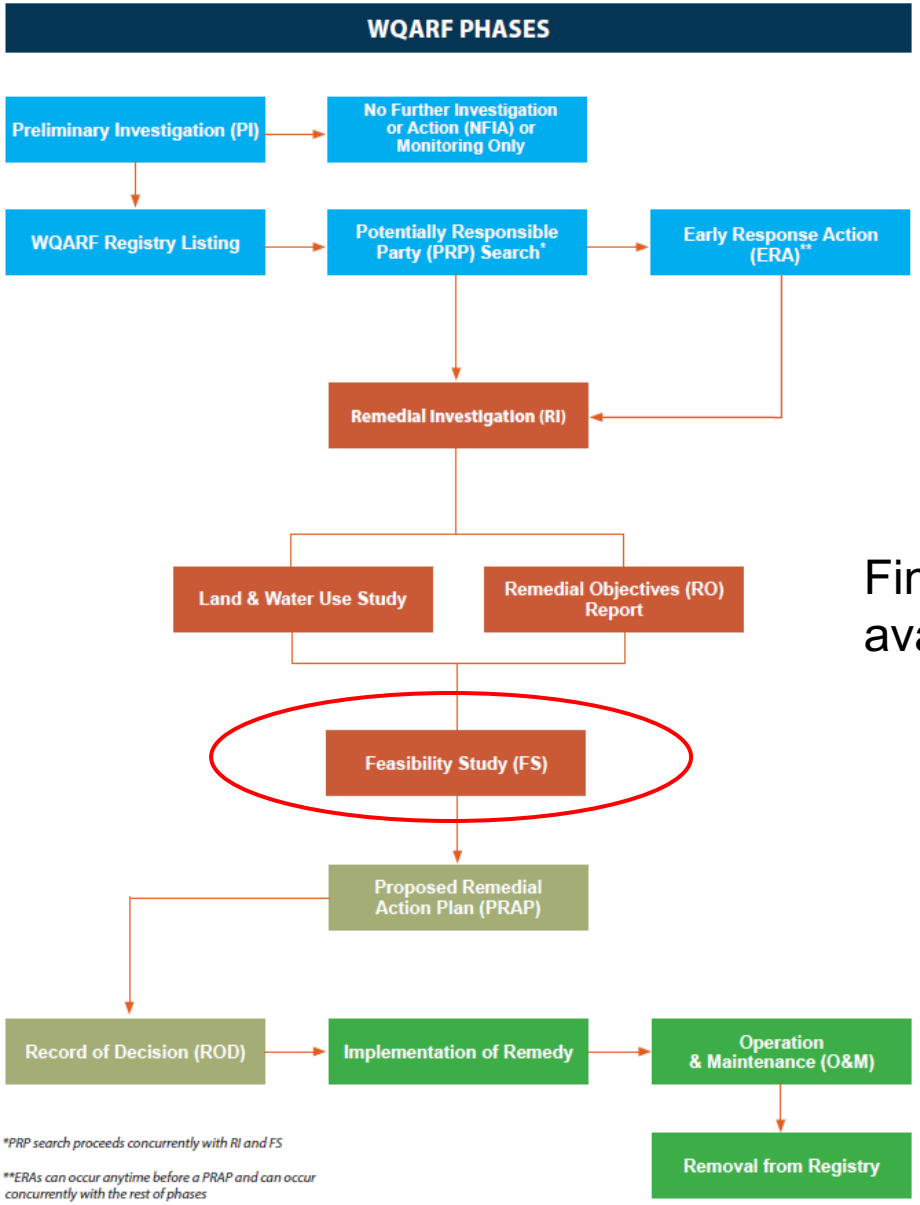
ADEQ
Arizona Department of Environmental Quality

7th Street and Missouri Avenue
Site location



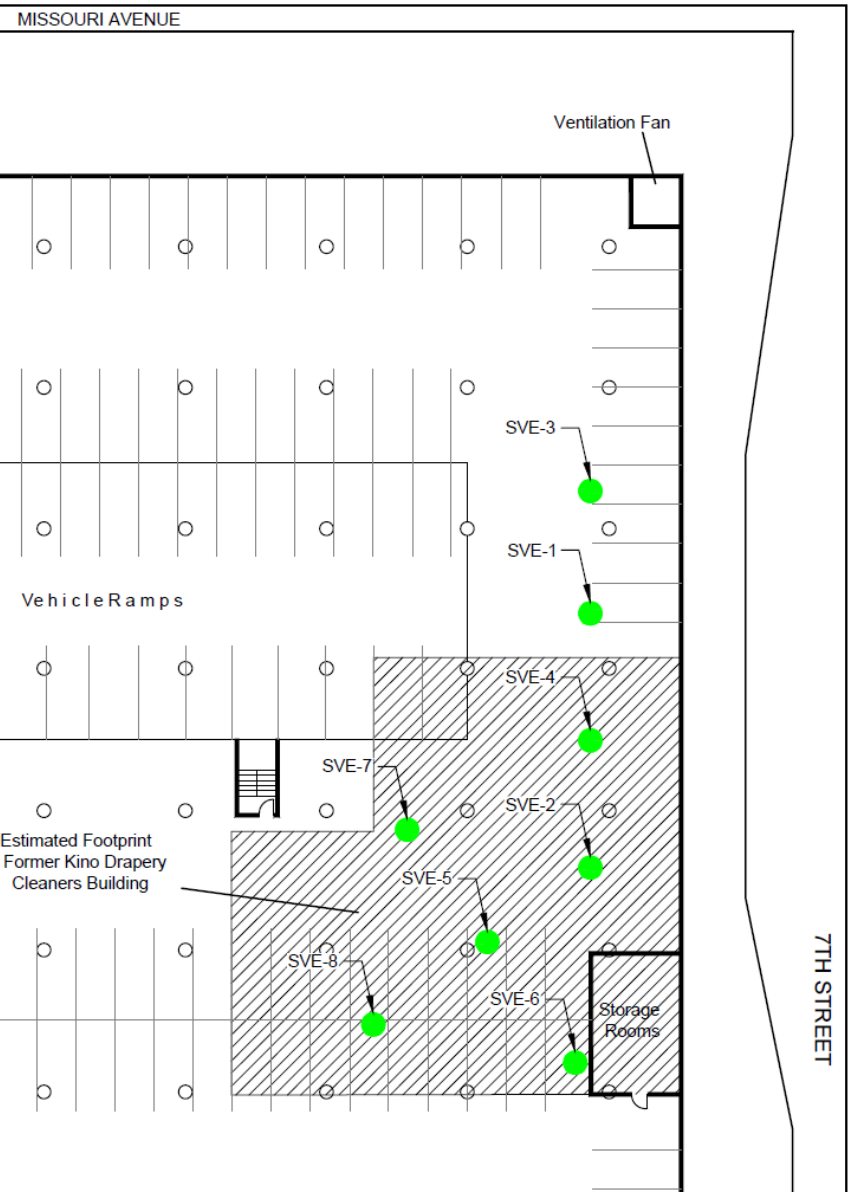


7th Street and Missouri Avenue Remedial Objectives

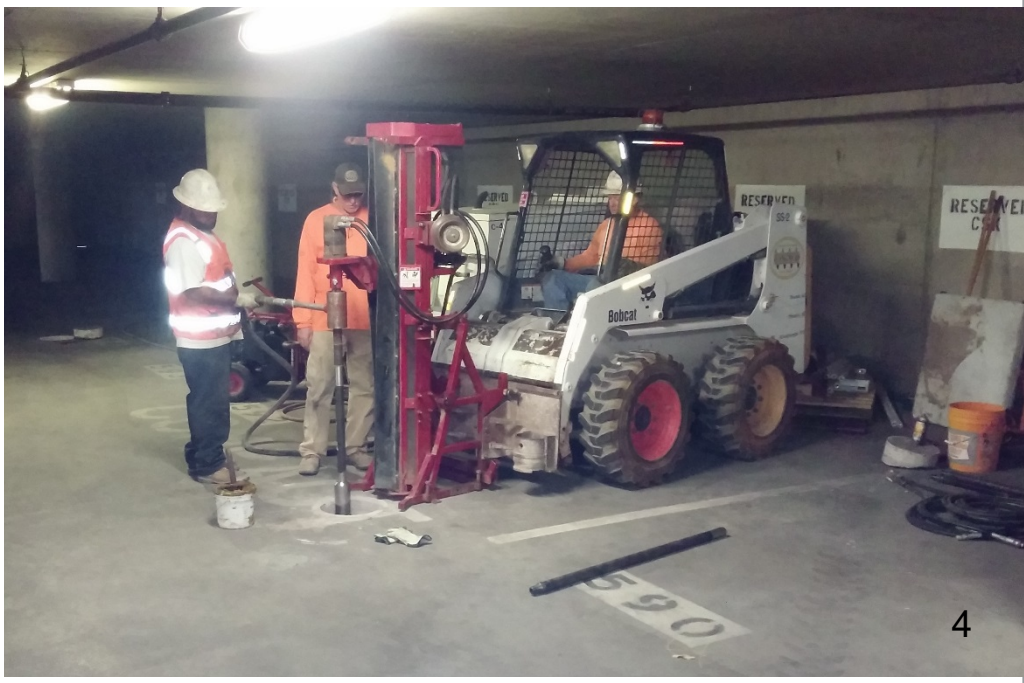


Final RI and FS Work Plan available on website

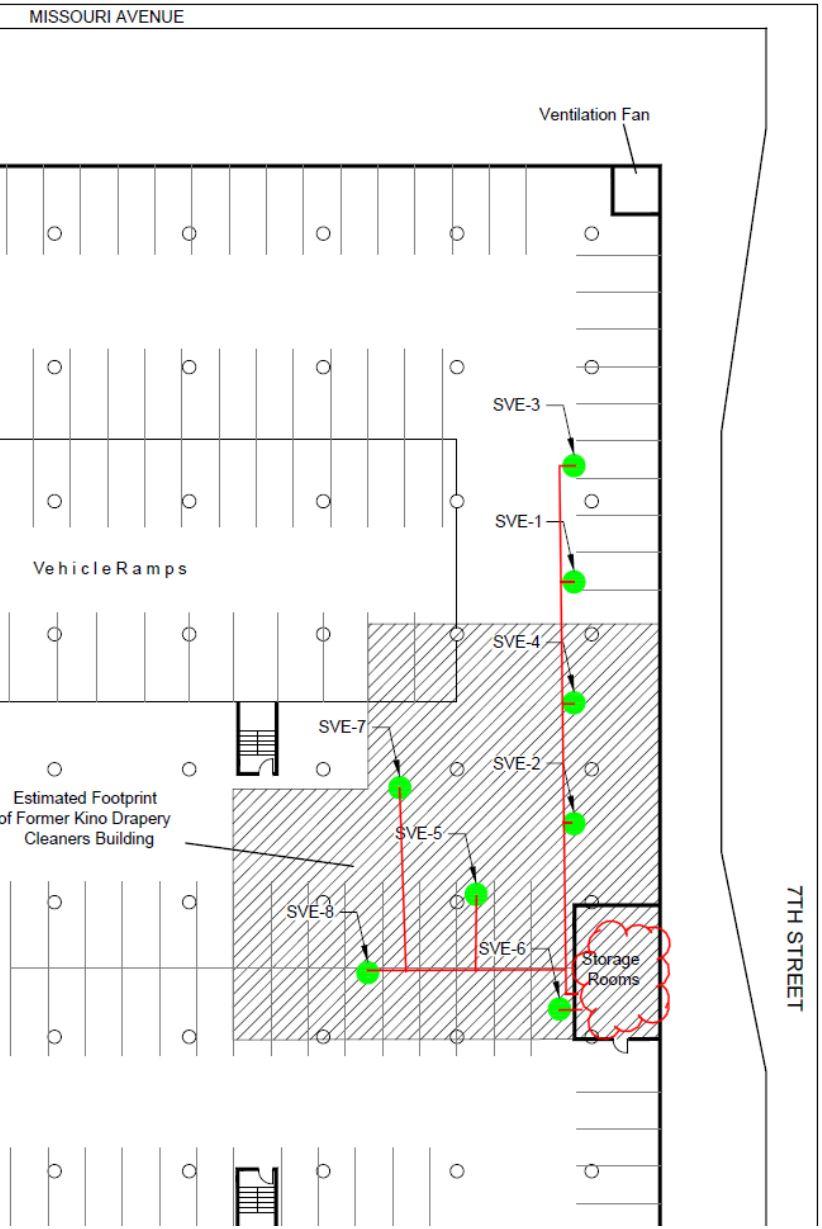
7th Street and Missouri Avenue
Early Response Action - update



- Early Response Action (ERA) Soil Vapor Extraction system (SVE)
- Reminder – installed wells, ran pilot test in June



7th Street and Missouri Avenue Early Response Action - update

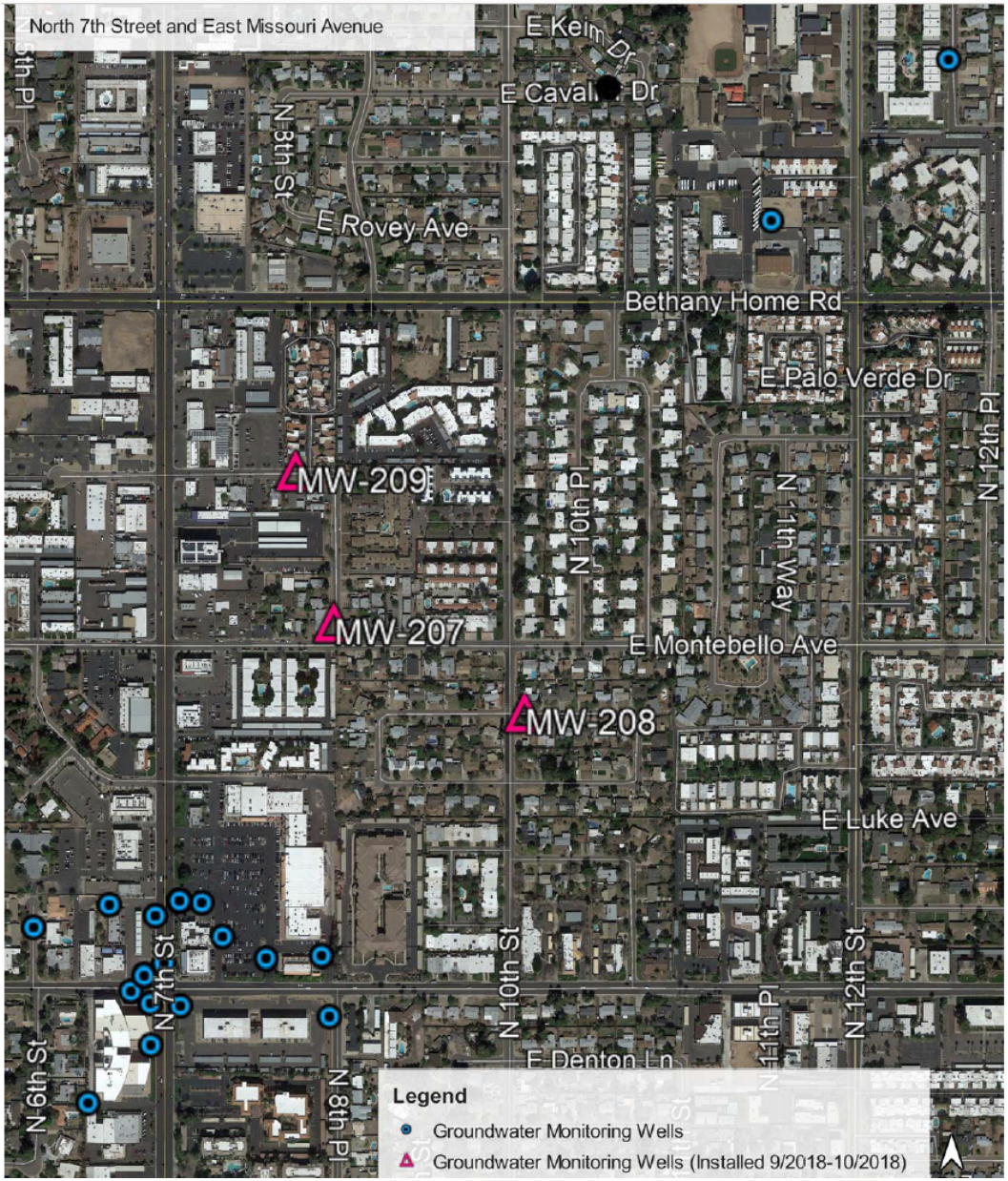


- Trenched in permanent piping

7th Street and Missouri Avenue Early Response Action - update

- Installed SVE system in storage room
- Full-scale system started up in October

7th Street and Missouri Avenue
Filled RI data gap

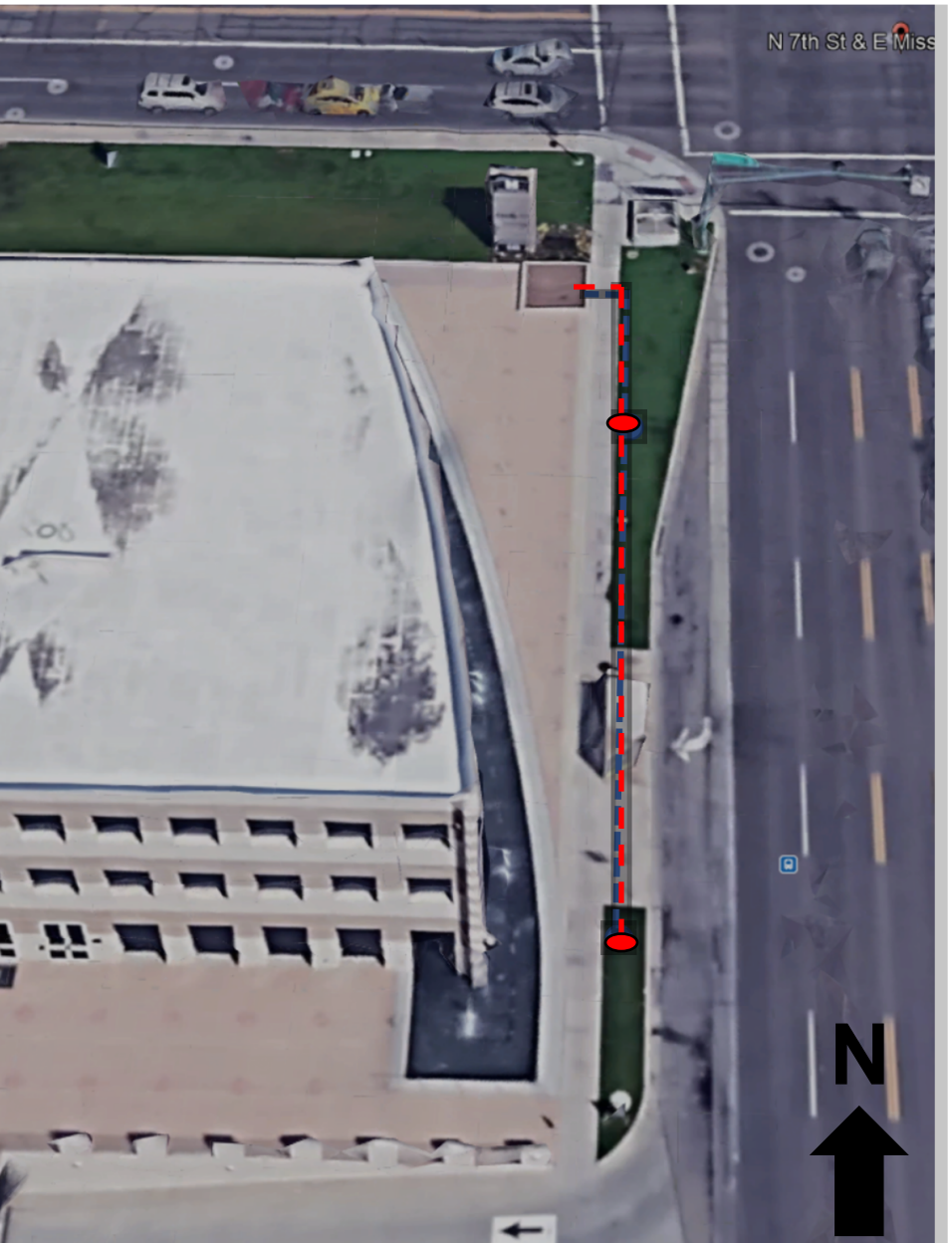


- September – October: Installed new plume defining wells

7th Street and Missouri Avenue
FS pilot test

- October: Installed ozone sparging pilot test wells

7th Street and Missouri Avenue FS pilot test

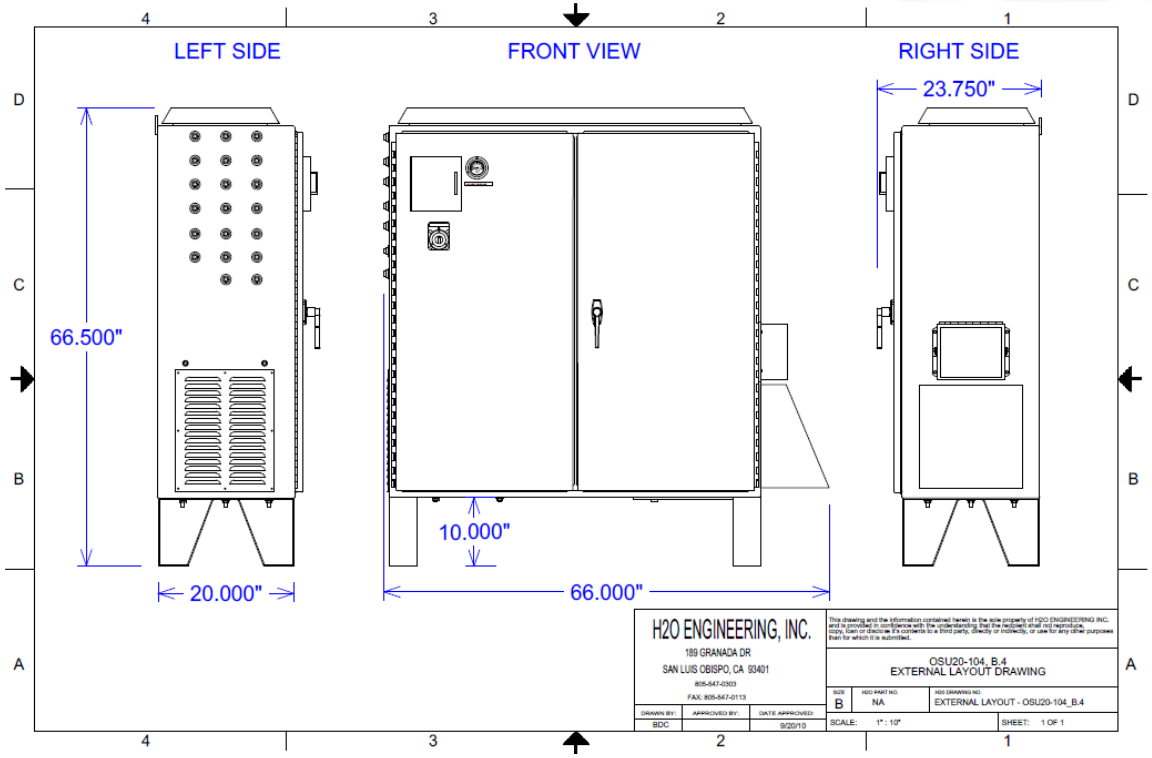


October – November

- Connected wells using horizontal boring to vent going to underground garage

November - current

- Installed ozone sparge system co-located with SVE system



7th Street and Missouri Avenue
Future plans

- Continue to conduct ozone sparge pilot test
- Continue SVE system
- Site-wide groundwater monitoring including new wells
- Write Feasibility Study report