



# Electro Scan SWORDFISH Lead Detection FIELD GUIDE



## Curb Side Entry

1



2



SAFETY GLASSES

HIGH VISIBILITY SHIRT

GLOVES

SWORDFISH DEVICE

INSERTION TUBE

STEEL TOE BOOTS

3



4



5



6



7



8



9



10



11



12



13



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Acti Workade

Address Line 1  
4920 Phelps Court

Address Line 2  
Address Line 3

City  
Carmichael

State  
CA

Zip Code  
95608

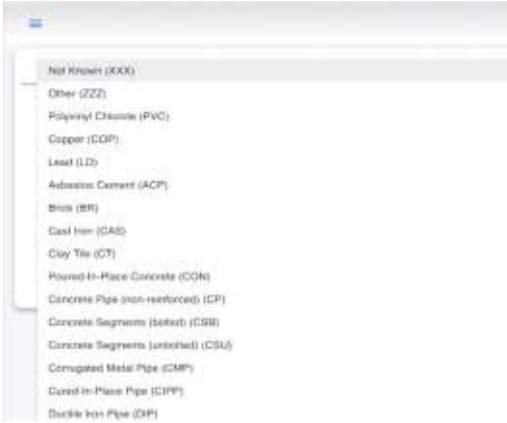
Latitude  
38°35'15.83"N

Longitude  
121°20'50.38"W

ADD

CANCEL

15



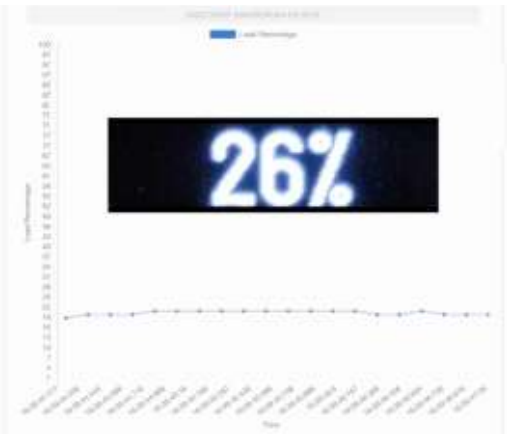
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**criticalh2o** 

**Innovyze**  
 An AUTODESK company

Phelps CT

ARRIVAL

- 1. Meet the homeowner and get their consent
- 2. Photograph the front door with address
- 3. Measure distance from side wall of house closest to water meter to edge of street (i.e. max safe survey distance)
- 4. Mark the Swordfish's cable in 5ft increments, and distinctly mark the max safe survey distance

INITIAL SETUP

- 5. Identify the wall meter and photograph the meter before starting work
- 6. Dig the grounding cable to a suitable position near the meter
- 7. In the field app, select "test" and fill out customer information
- 8. Connect the Swordfish unit to the field app via bluetooth
- 9. Disconnect the launch tube, pressure gauge, and cable guide (1)

INSTALLATION

- 10. Thread the pressure gauge onto the insertion tube
- 11. Close the water stop valve (4)
- 12. Remove the Meter or Valve (4)
- 13. Install the insertion tube with pressure gauge, and open the water stop valve (4)
- 14. Record the pressure in the field app and photograph the pressure gauge
- 15. Photograph the pressure gauge w/cable seal. Photograph entire setup incl. grounding connection (4)

pipe (3) (4)



...reserving the power... function to help the probe past tight bends  
 ...not allow the... flush if not, follow city or agency flushing standard.  
 ...and subsequent repairs to all private property during this step