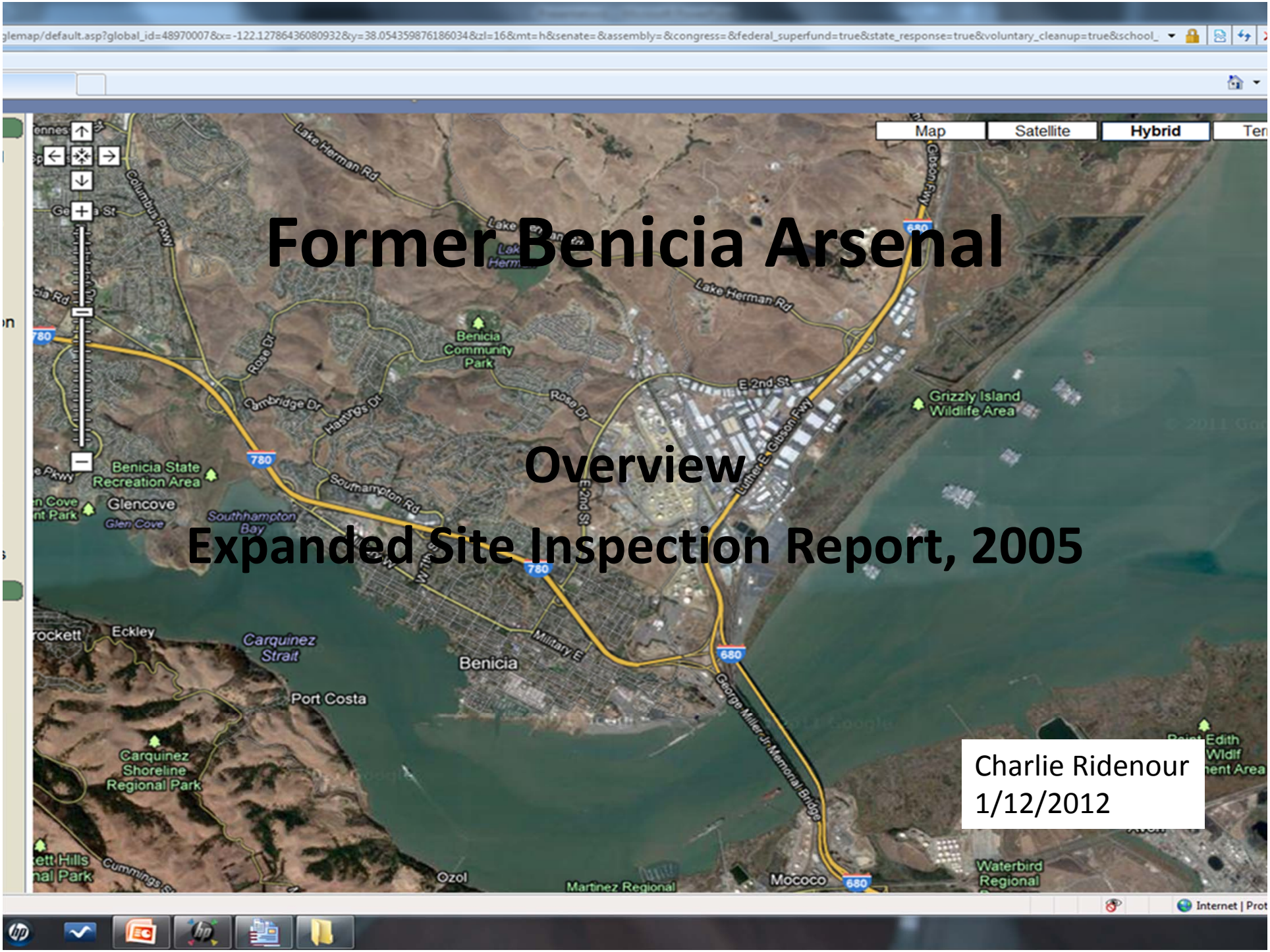

Former Benicia Arsenal
Overview
Expanded Site Inspection Report, 2005
Charlie Ridenour
1/12/2012
Map
Satellite
Hybrid
Lake Herman Rd
Benicia Community Park
Grizzly Island Wildlife Area
Benicia State Recreation Area
Glencove
Southampton Bay
Carquinez Strait
Benicia
Port Costa
Carquinez Shoreline Regional Park
Eckley
Rose Dr
Cambridge Dr
Hastings Dr
Southampton Rd
E 2nd St
Military E
Gibson Pkwy
Columbus Pkwy
George Miller Jr Memorial Bridge
Ozol
Martinez Regional
Mococo
Waterbird Regional
780
680

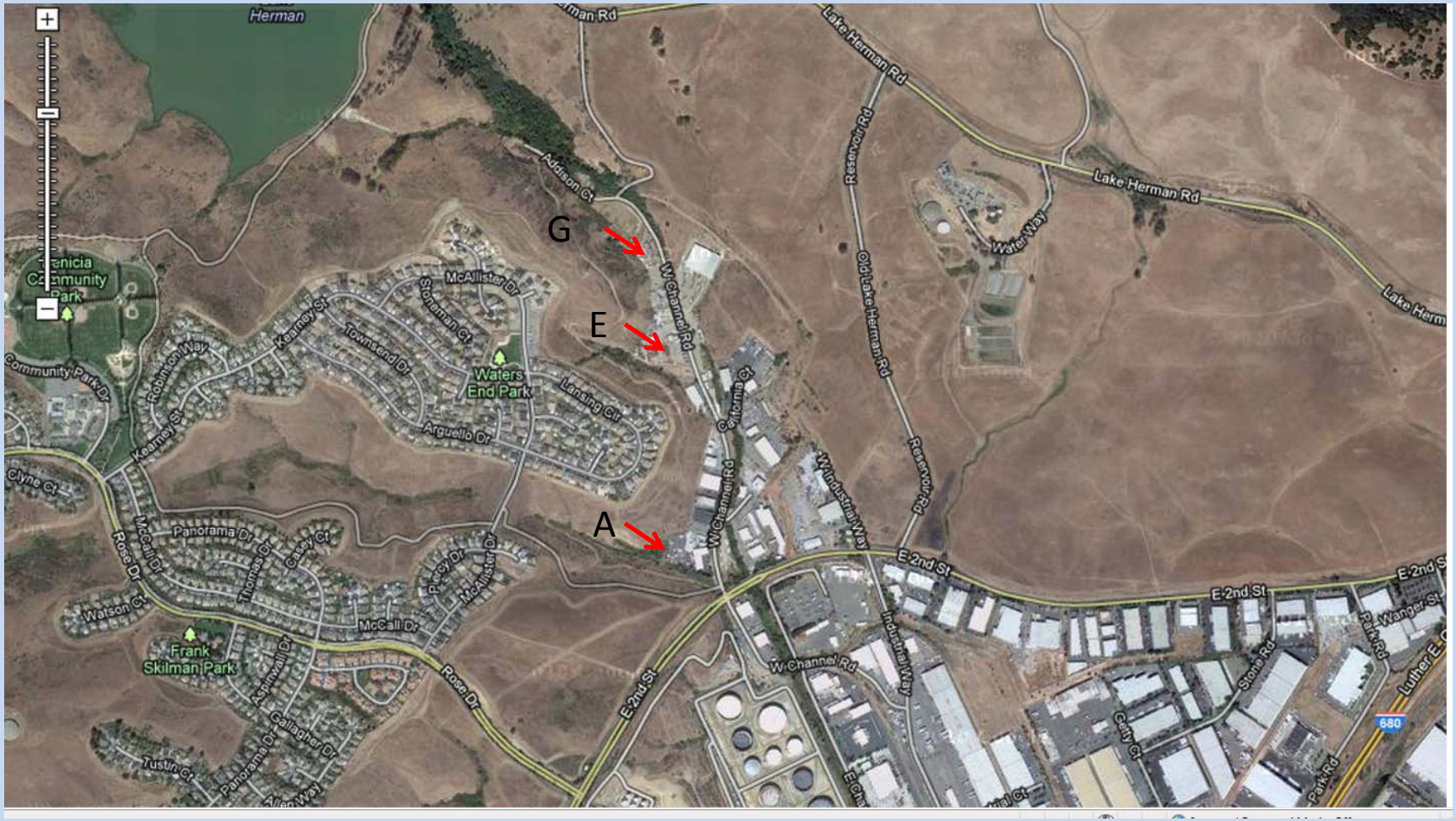
Benicia Arsenal Site Investigation

- Arsenal Broken into 5 Areas
  - Area R: Revetment, Explosives Holding Area
  - Area S: Magazine Storage Expansion Area
  - Area W: Warehouse Area
  - Area M: Motor Pool and Historical Ordnance Storage Area
  - Area I: Industrial/Manufacturing Area

Area R

- Former Burn Cages at Spurs A, E, and G
  - Sampled Spur E Burn Cage
    - Did not exceed screening levels for metals
  - Spurs A and G not sampled, assume same results

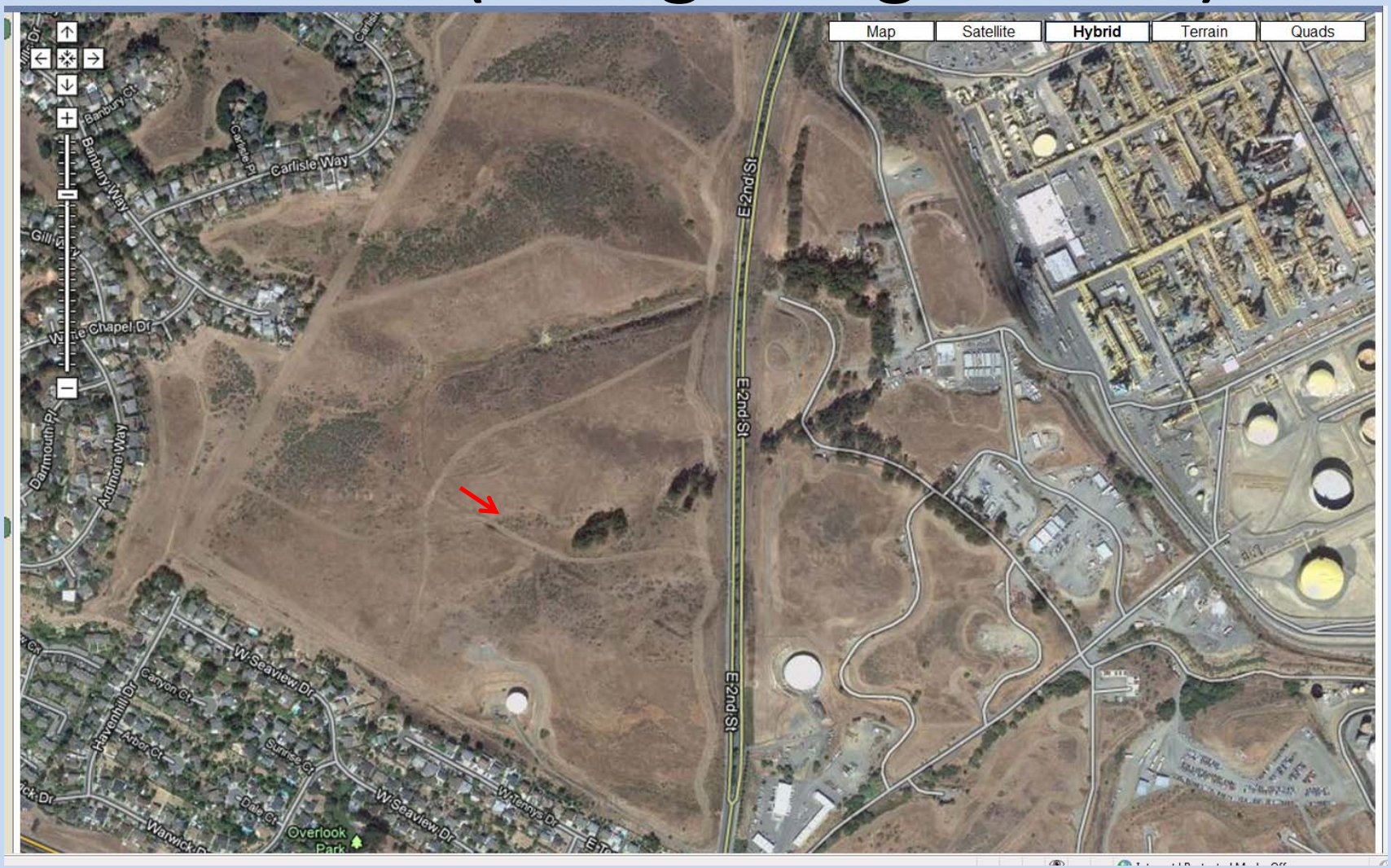
Area R (Former Burn Cages)



Area S

- Firing Range Target Berm
  - Berm identified
  - Soil sampled, Slugs and Fragments removed from sample
  - Sample analysis shows metals not leaching
  - Lead slugs remain, Total Concentration not known

Area S (Firing Range Berm)



Area W

- Sites around Former NIKE Missile Assembly Facility
  - Septic Tank 194
  - Waste Areas
  - Open Ditch
  - CL1 and CL2
- Area down gradient from Valero and 4186 Park Road Site (Waterboard lead sites)

Area W
Significant GW Contamination

Area M

- Post Dumpsite
- Popping Pot
- Salvage Yard
- Fillsite 3
- Former Heavy Equipment Yard (Bldg 50, 111)
- Vehicle Maintenance Areas (T222, T221, 171, 172, and TO73)

Area M
Post Dumpsite (Former LF3)

Area I: Industrial Area

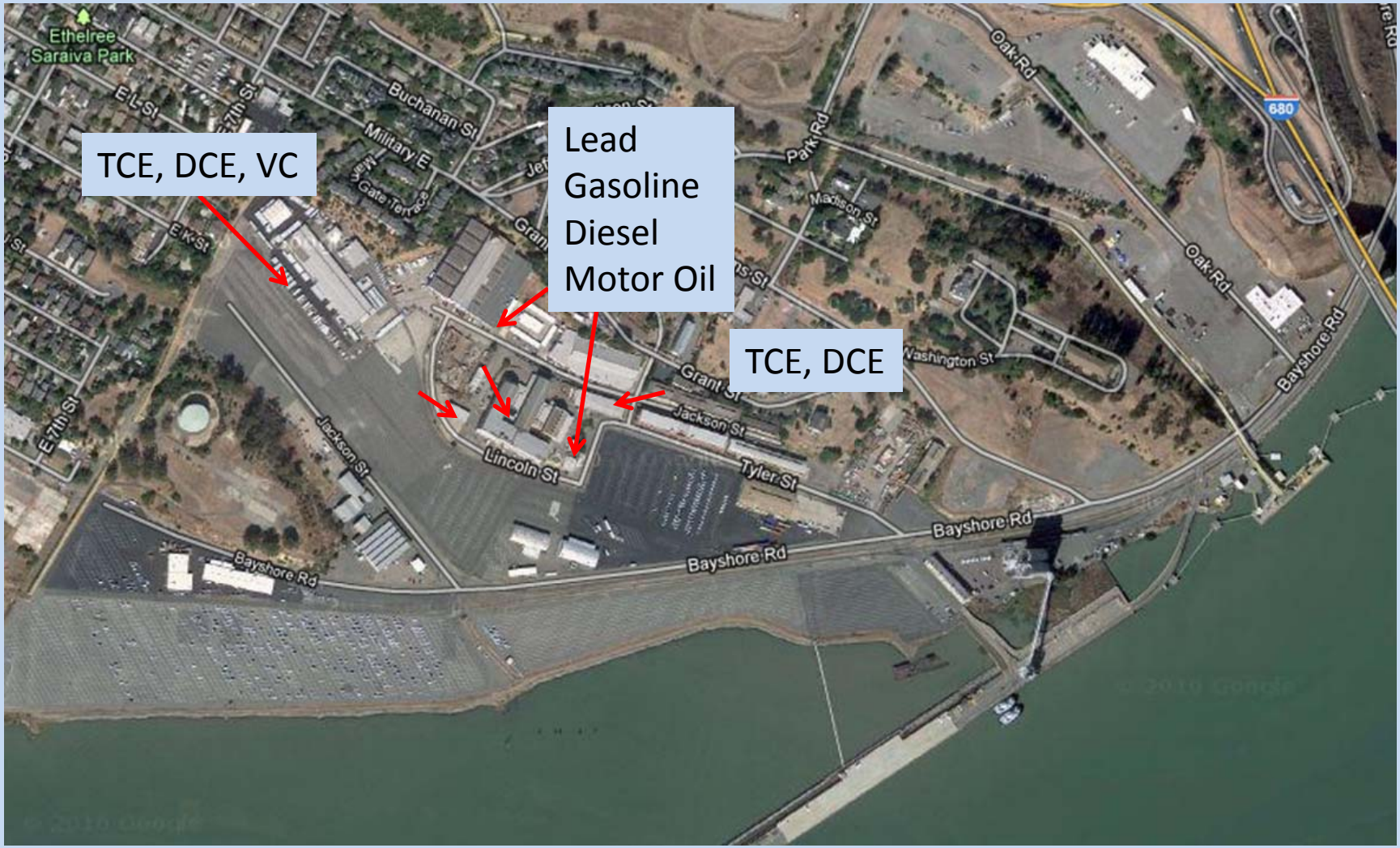
- Areas with no identified issues:
  - Bldg 4
  - Bldg 42
  - Bldg 50, 111
  - Bldg 101
  - Bldg 156
  - Bldg TO-131
  - Bldg 165A
  - Bldg 166
  - Bldg 167
  - Fillsite 1
  - Building Y199

Area I: Industrial Area

- Identified Contamination Areas
  - Building 165
  - Building 161
  - Building 91
  - 50 Series Complex
  - Building 154
  - Building 120

Area I: Industrial Area

Area I: Industrial Area



Next Steps

- DTSC reviewing data
- Reviewing ownership records
- Coordinating with Army and City
- Coordinate to see if need Enforcement Order or can handle with Consent or Voluntary agreements.