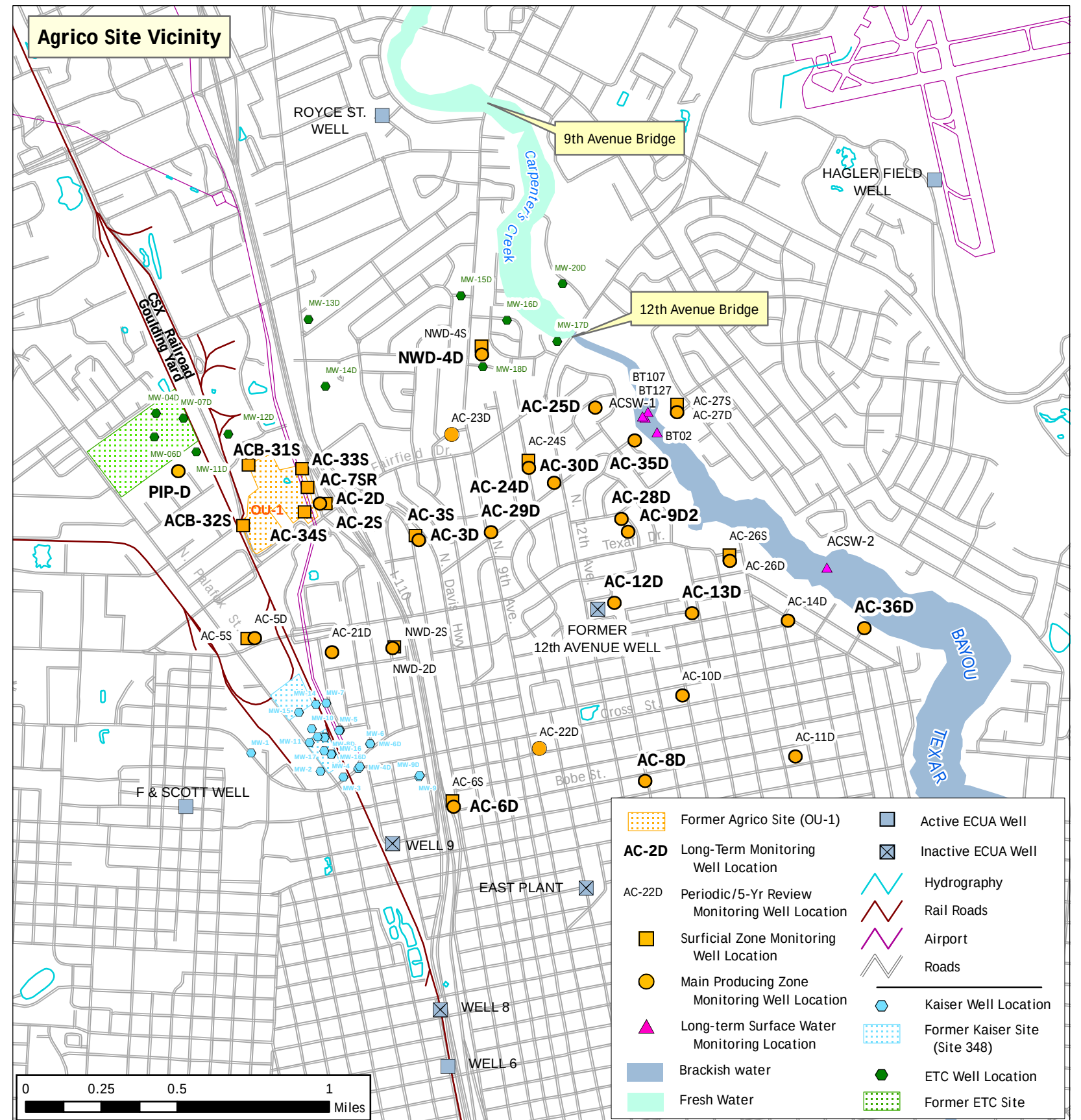
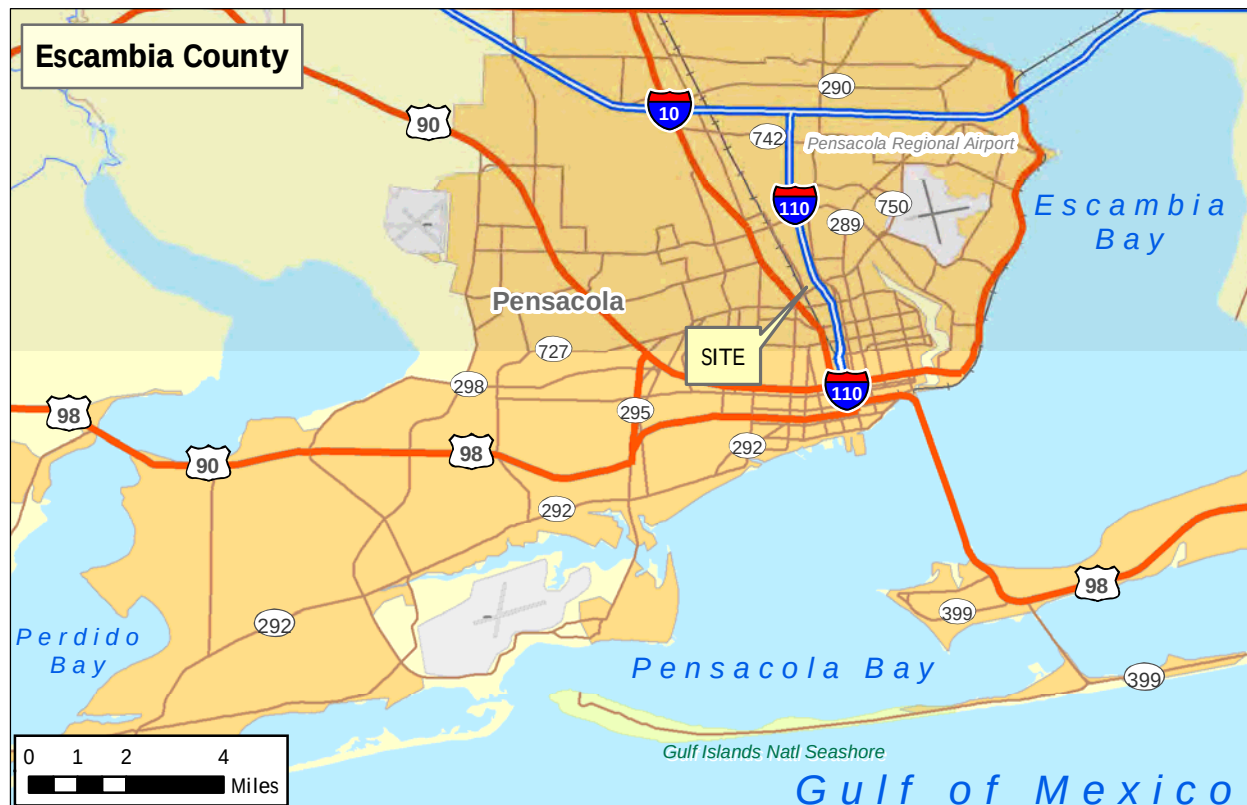


FIGURES



**OU-1 and OU-2
AGRICOLA SITE
PENSACOLA, FLORIDA**

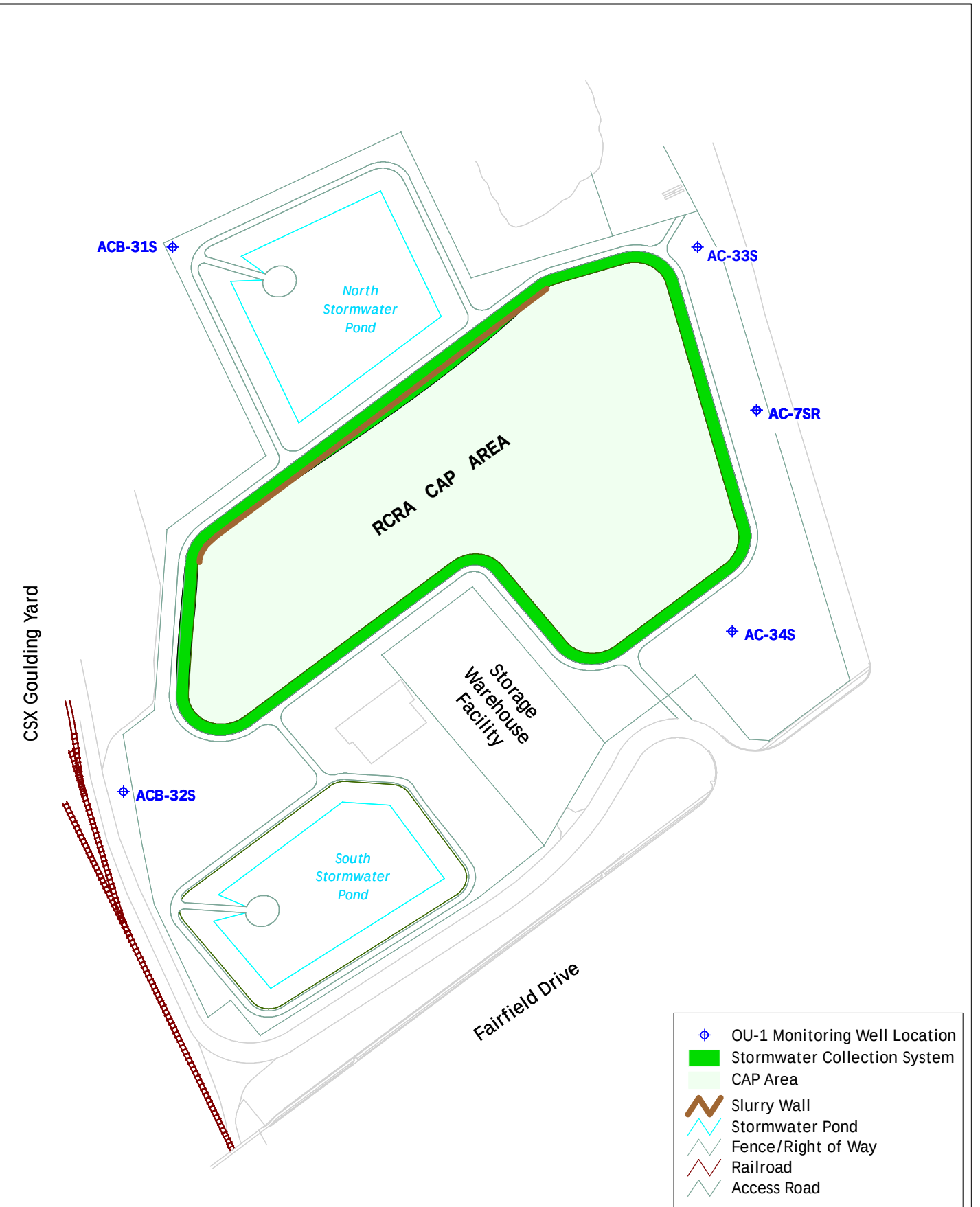


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Florida Department of Environmental Protection
and Northwest Florida Water Management District
Aerial Source: Bing Image Server



SITE LOCATION AND SITE-WIDE MONITORING WELL LOCATIONS OU-1 AND OU-2

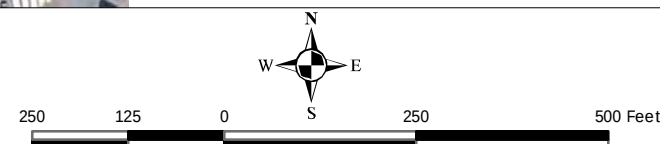
FIGURE
1



**OU-1 and OU-2
AGRICO SITE
PENSACOLA, FLORIDA**

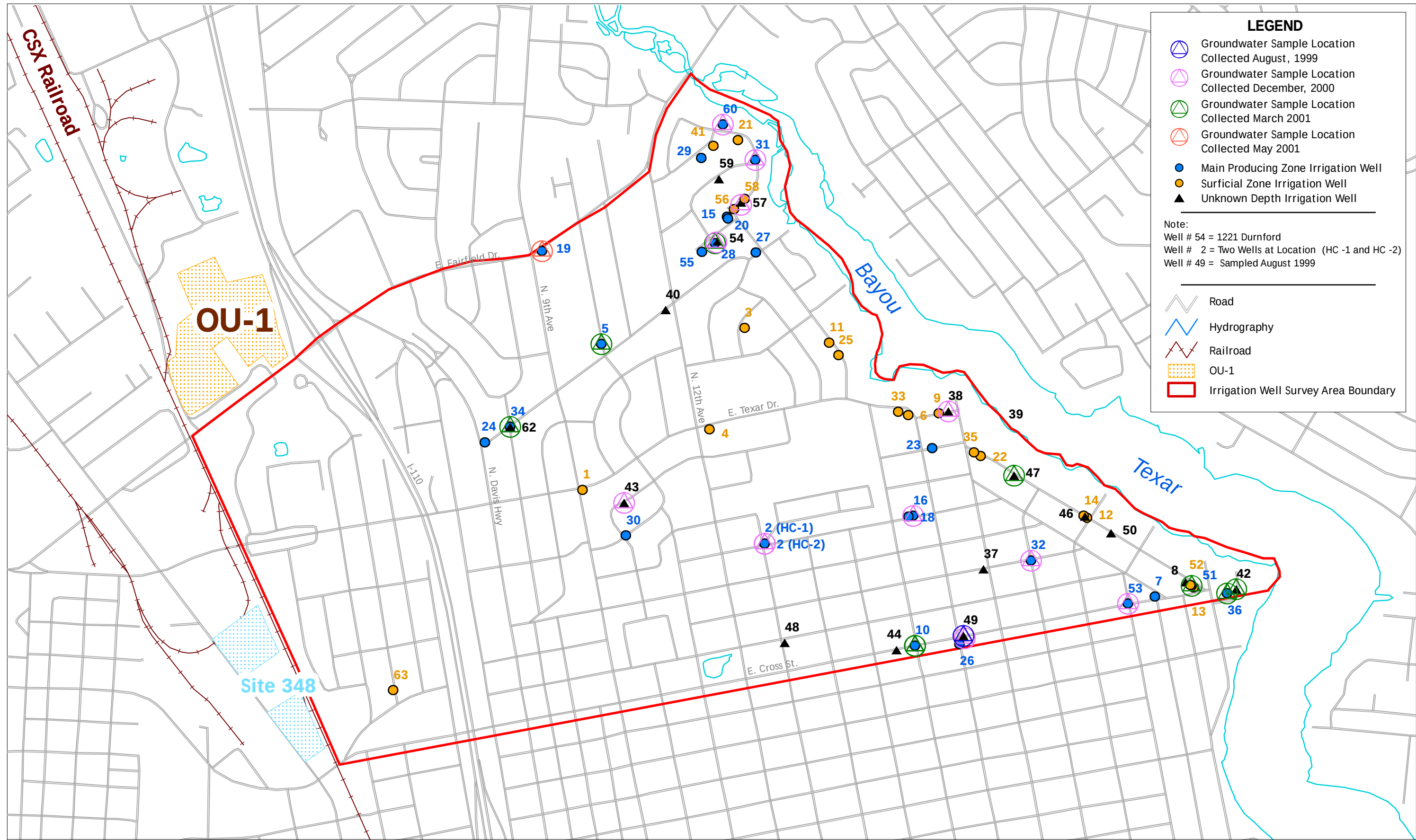


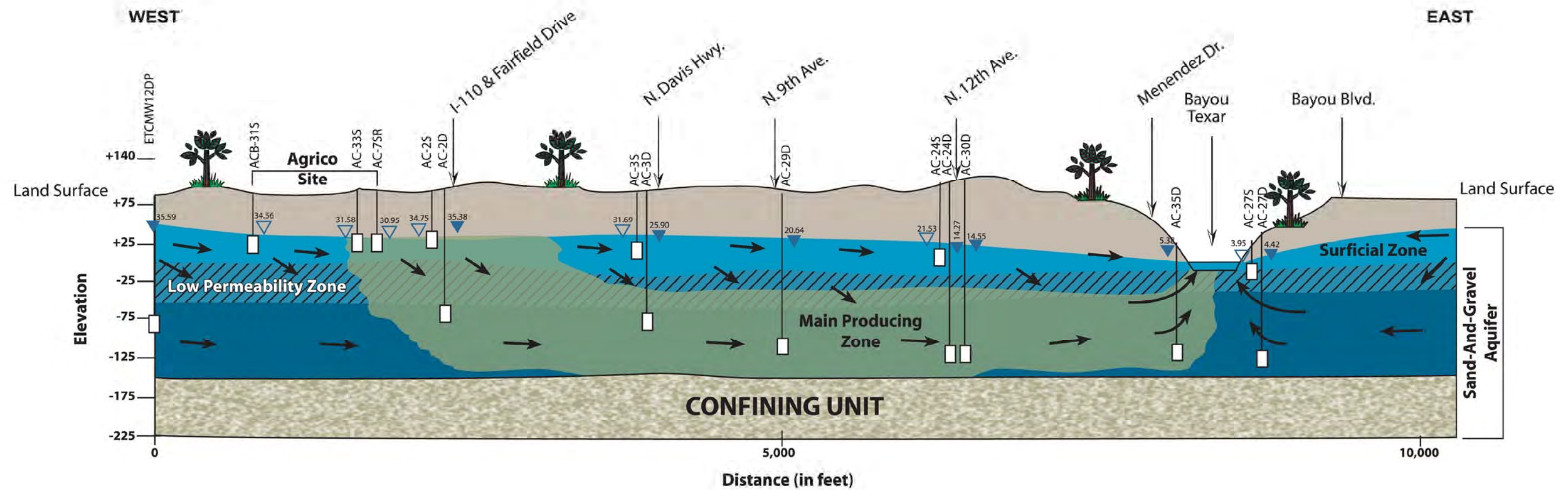
Base Map Data Provided By:
Florida Department of Environmental Protection
and Northwest Florida Water Management District
Aerial Source: Bing Image Server



**FORMER SITE AREA AND
MONITORING WELL LOCATIONS
OU-1**

**FIGURE
2**





Legend

- ← Groundwater Flow
- Monitoring Well
- Screen Interval
- ▼ 35.59 Main Producing Zone Well Elevations
- ▽ 34.56 Surficial Zone Well Elevations
- Area of Affected Groundwater

Note: Water Level Elevations (January 2004)

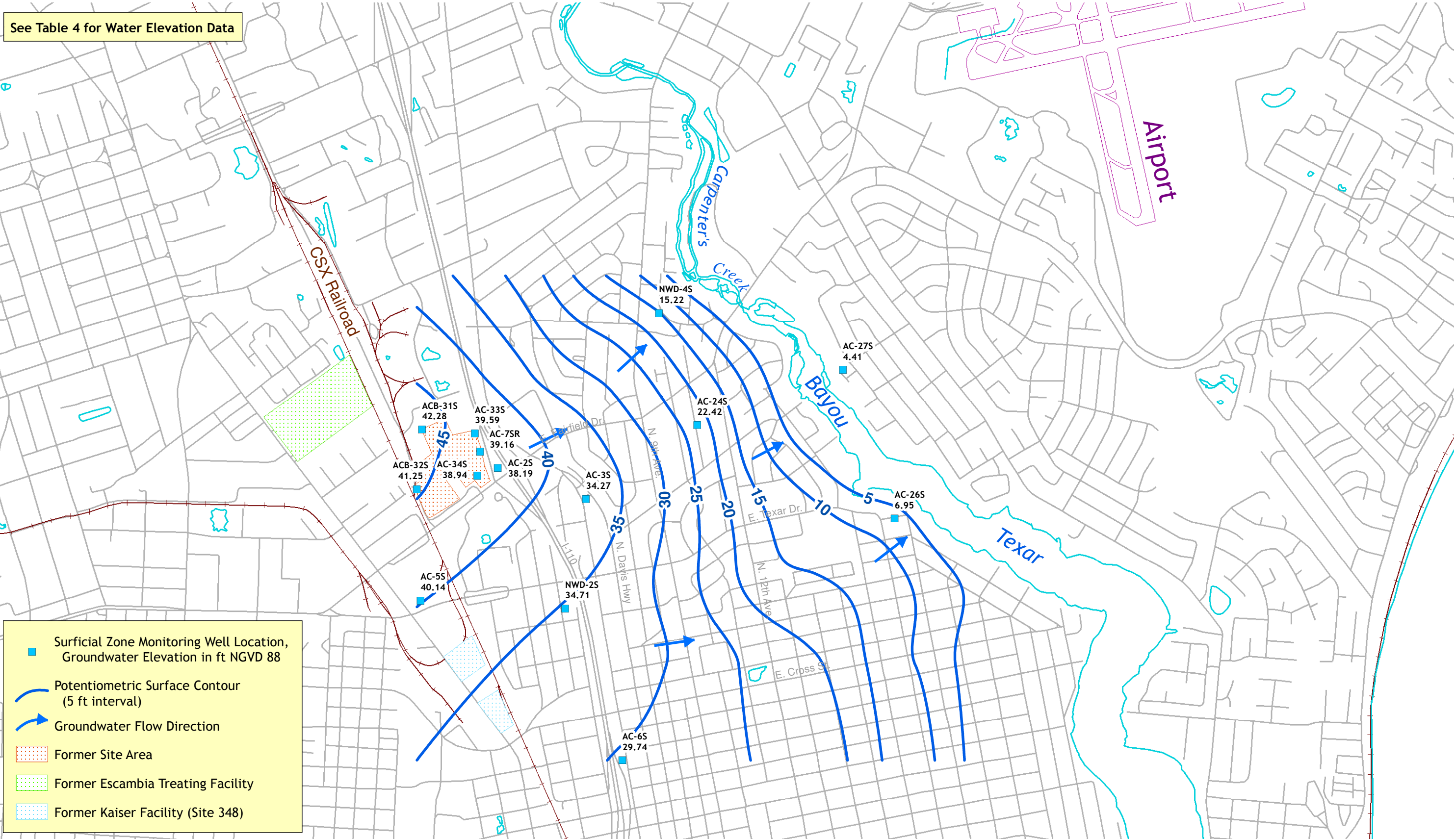
OU-1 and OU-2
 AGRICO SITE
 PENSACOLA, FLORIDA

URS

HYDROGEOLOGIC CONCEPTUAL MODEL
 FROM AGRICO SITE TO BAYOU TEXAR

FIGURE
 4

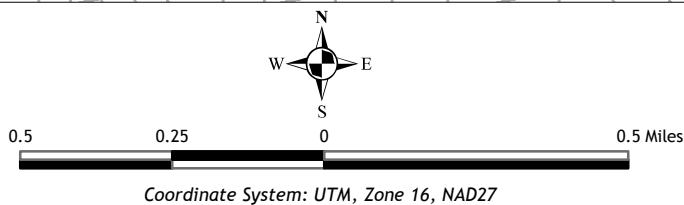
See Table 4 for Water Elevation Data



OU-1 and OU-2
AGRICOLA SITE
PENSACOLA, FLORIDA



Base Map Data Sources:
Florida Department of Environmental Protection
Northwest Florida Water Management District



POTENTIOMETRIC SURFACE
SURFICIAL ZONE
November 7, 2011

FIGURE
5

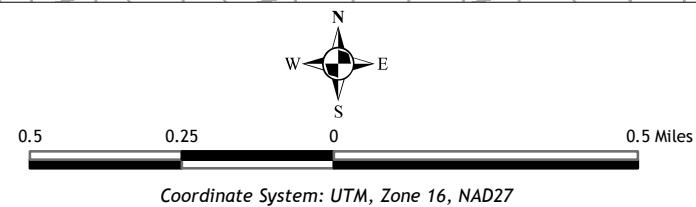
See Table 4 for Water Elevation Data

- Main Producing Zone Monitoring Well Location, Groundwater Elevation in ft NGVD 88
- Potentiometric Surface Contour (5 ft interval)
- Groundwater Flow Direction
- ▨ Former Site Area
- ▨ Former Escambia Treating Facility
- ▨ Former Kaiser Facility (Site 348)

OU-1 and OU-2
AGRICO SITE
PENSACOLA, FLORIDA



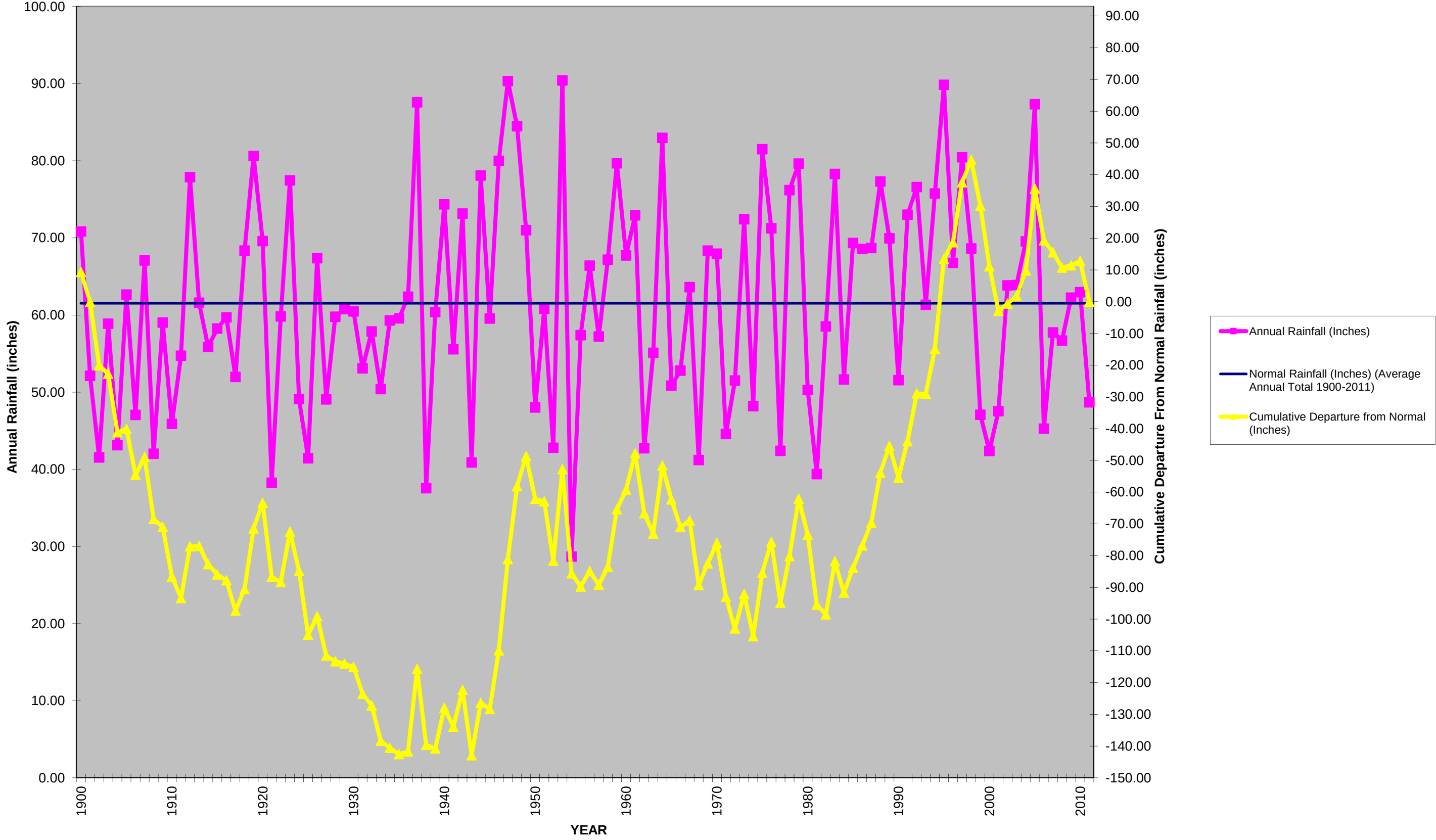
Base Map Data Provided By:
Florida Department of Environmental Protection
and Northwest Florida Water Management District

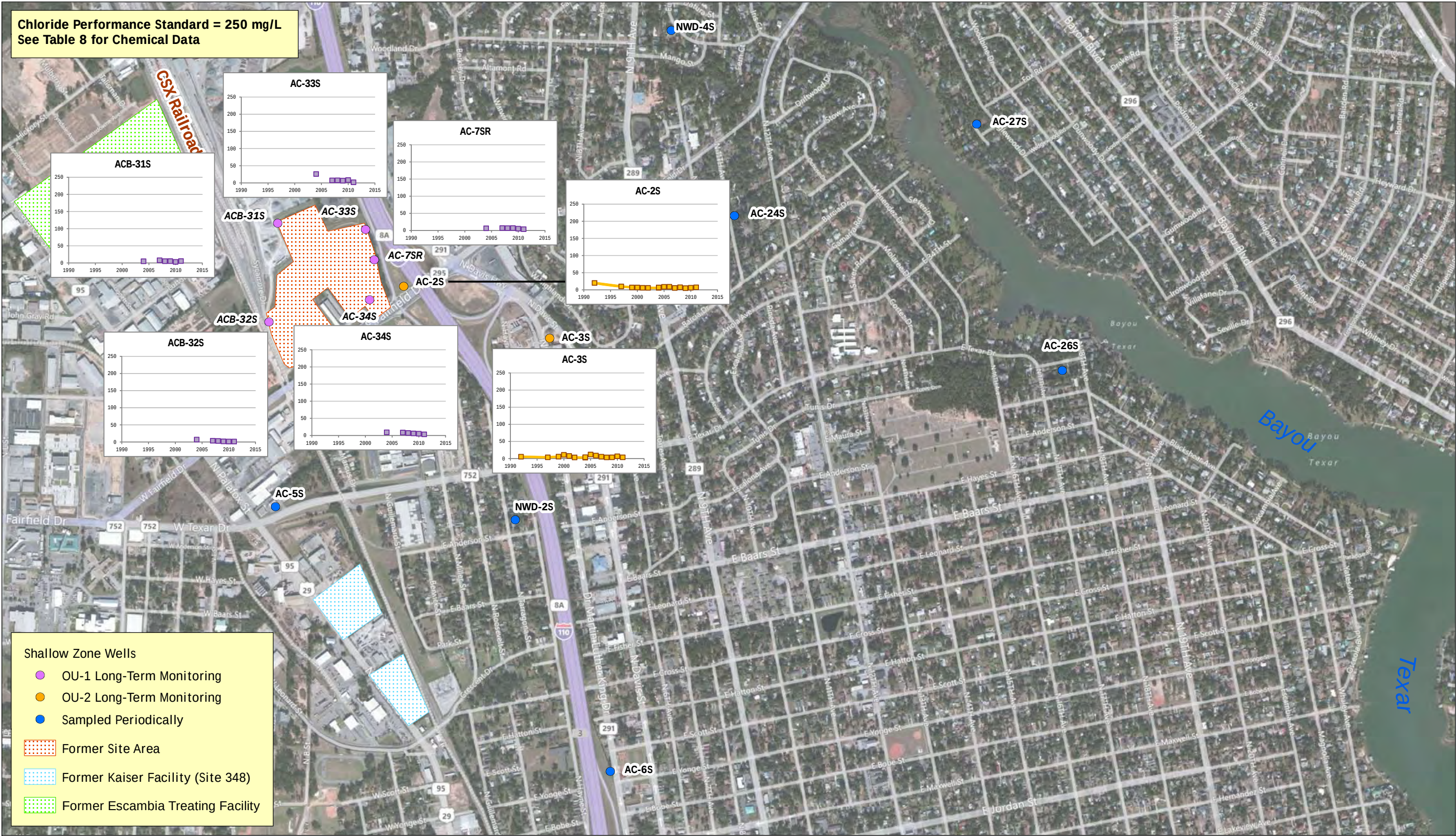


POTENTIOMETRIC SURFACE
MAIN PRODUCING ZONE
November 7, 2011

FIGURE
6

Figure 7
Annual Rainfall and Cumulative Departure from Normal
NOAA Rainfall Station
Pensacola, Florida



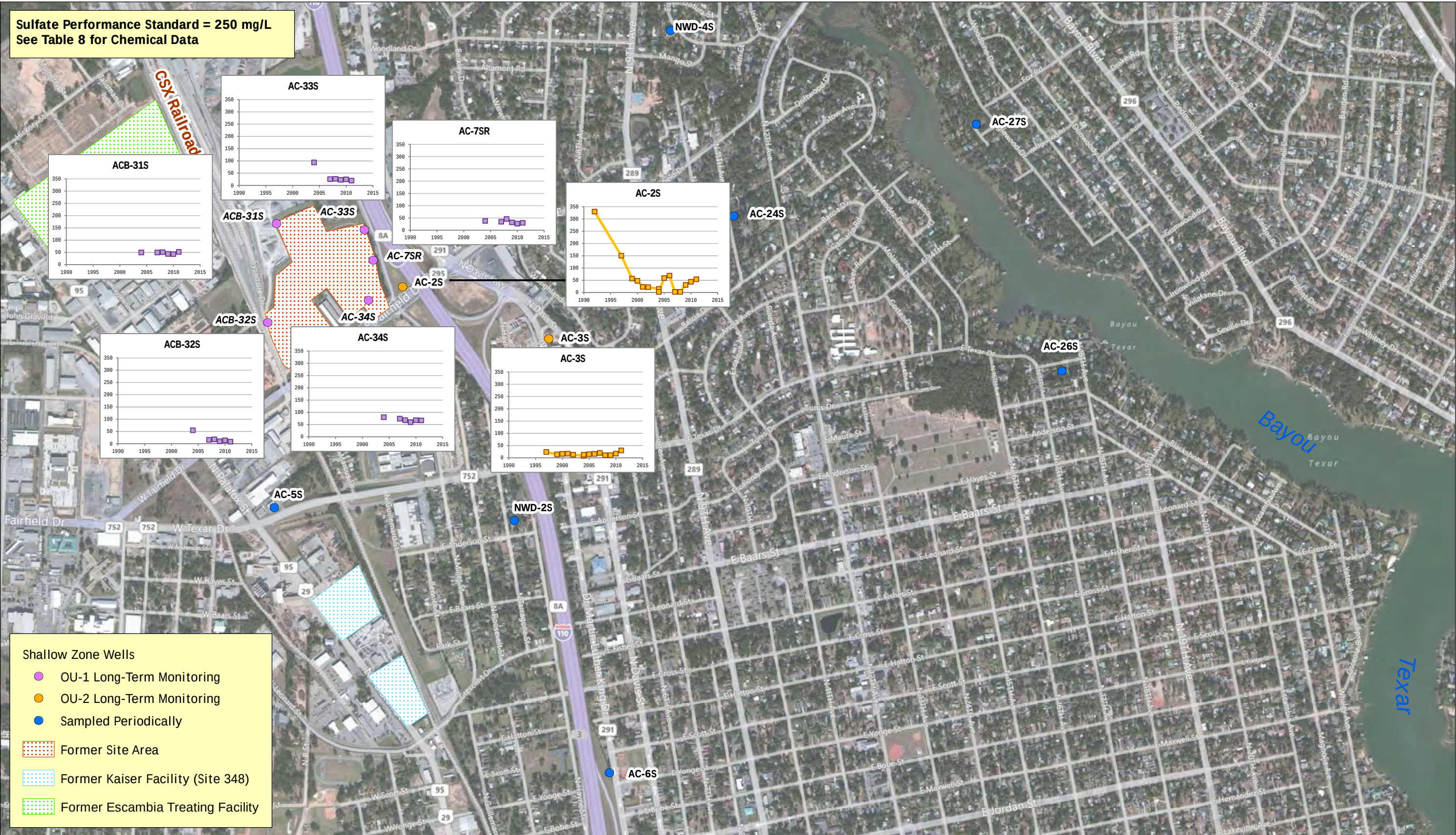


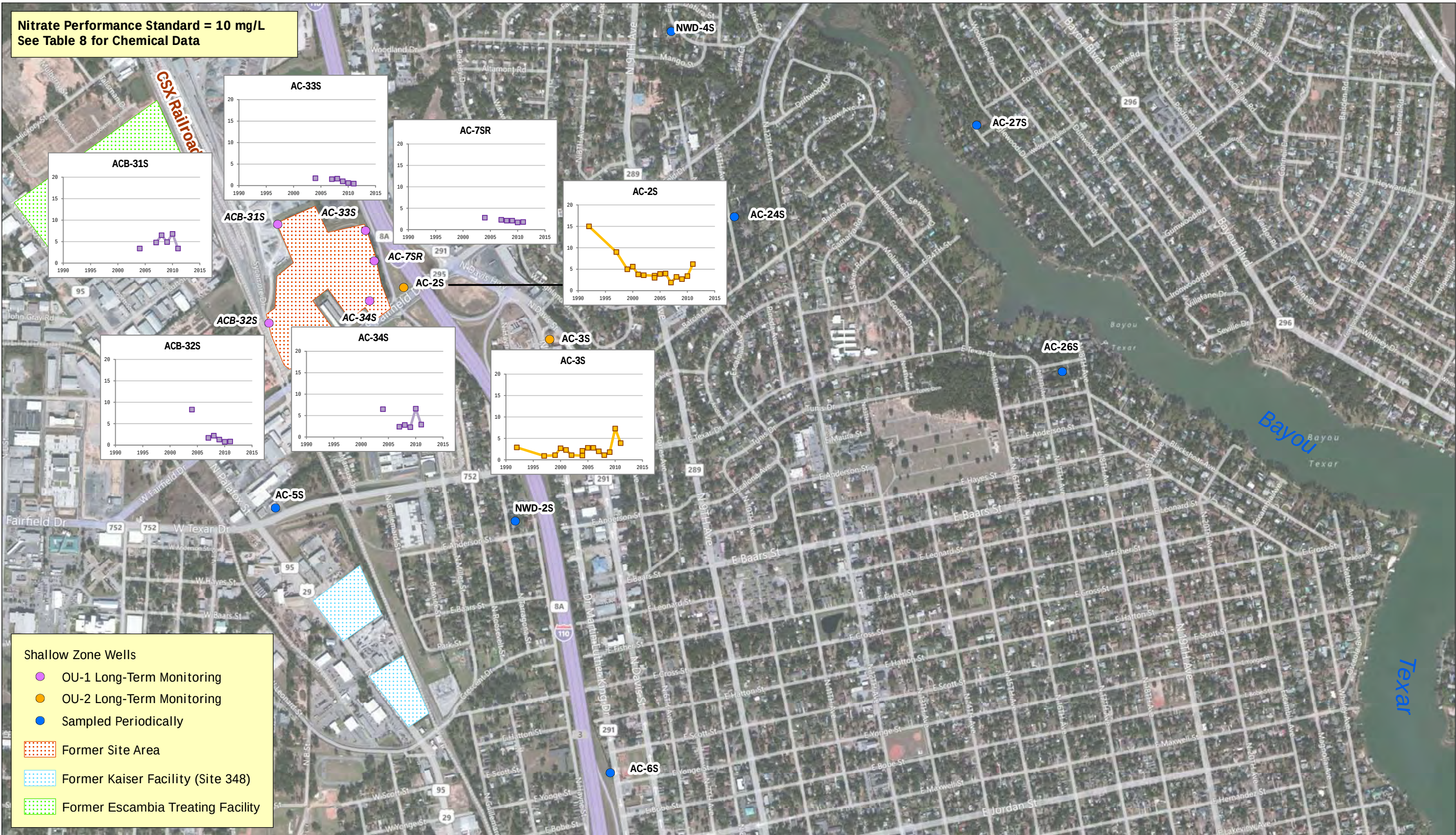
**OU-1 and OU-2
AGRICOLA SITE
PENSACOLA, FLORIDA**

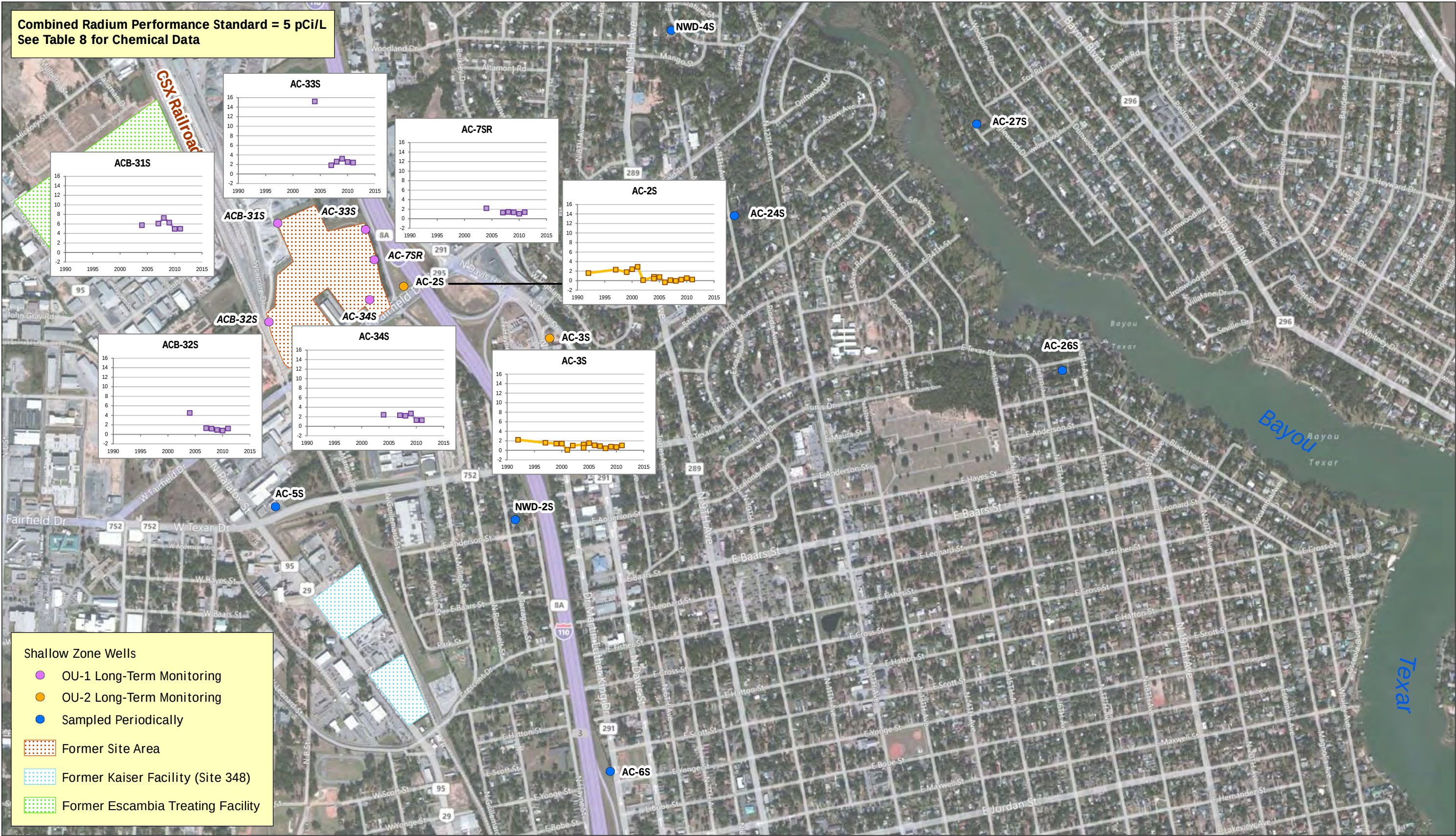


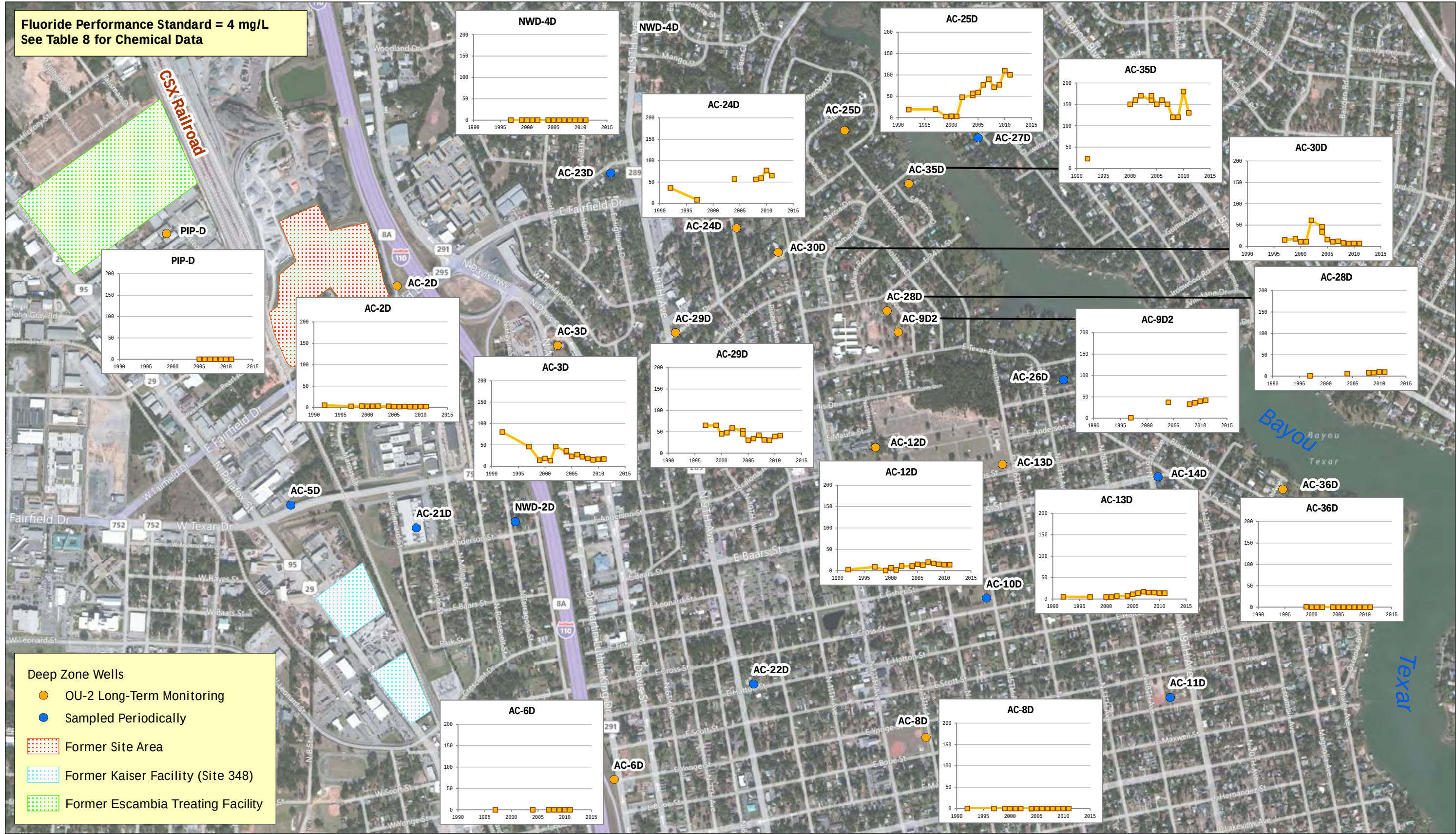
**COMPARISON OF
CHLORIDE CONCENTRATIONS (mg/L)
SURFICIAL ZONE**

**FIGURE
9**





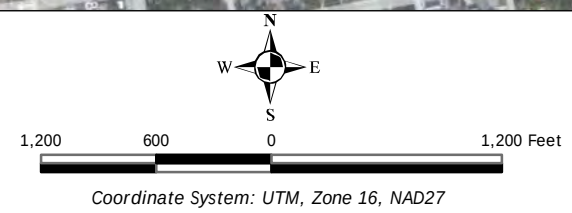




**OU-1 and OU-2
AGRICOLA SITE
PENSACOLA, FLORIDA**

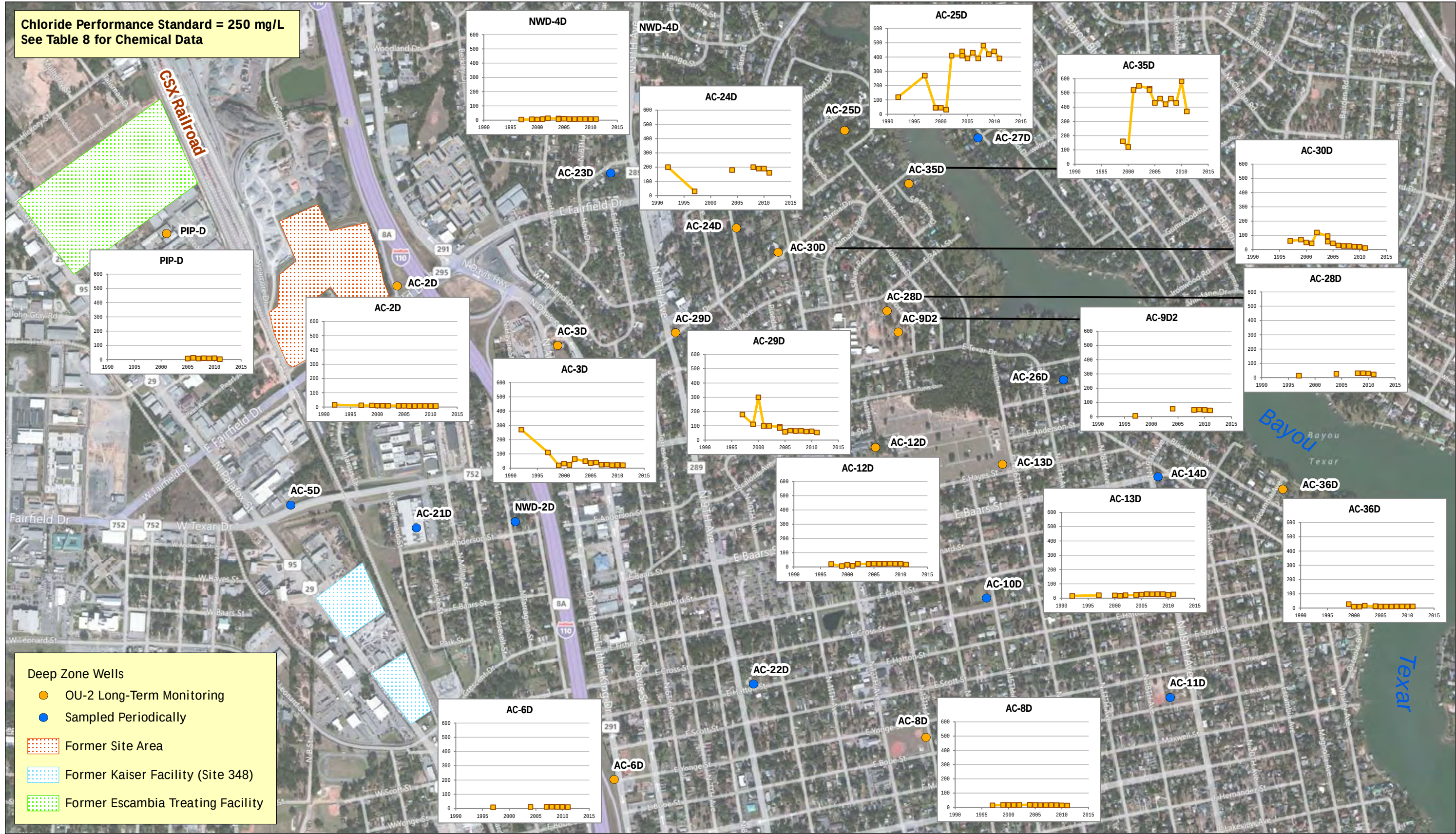


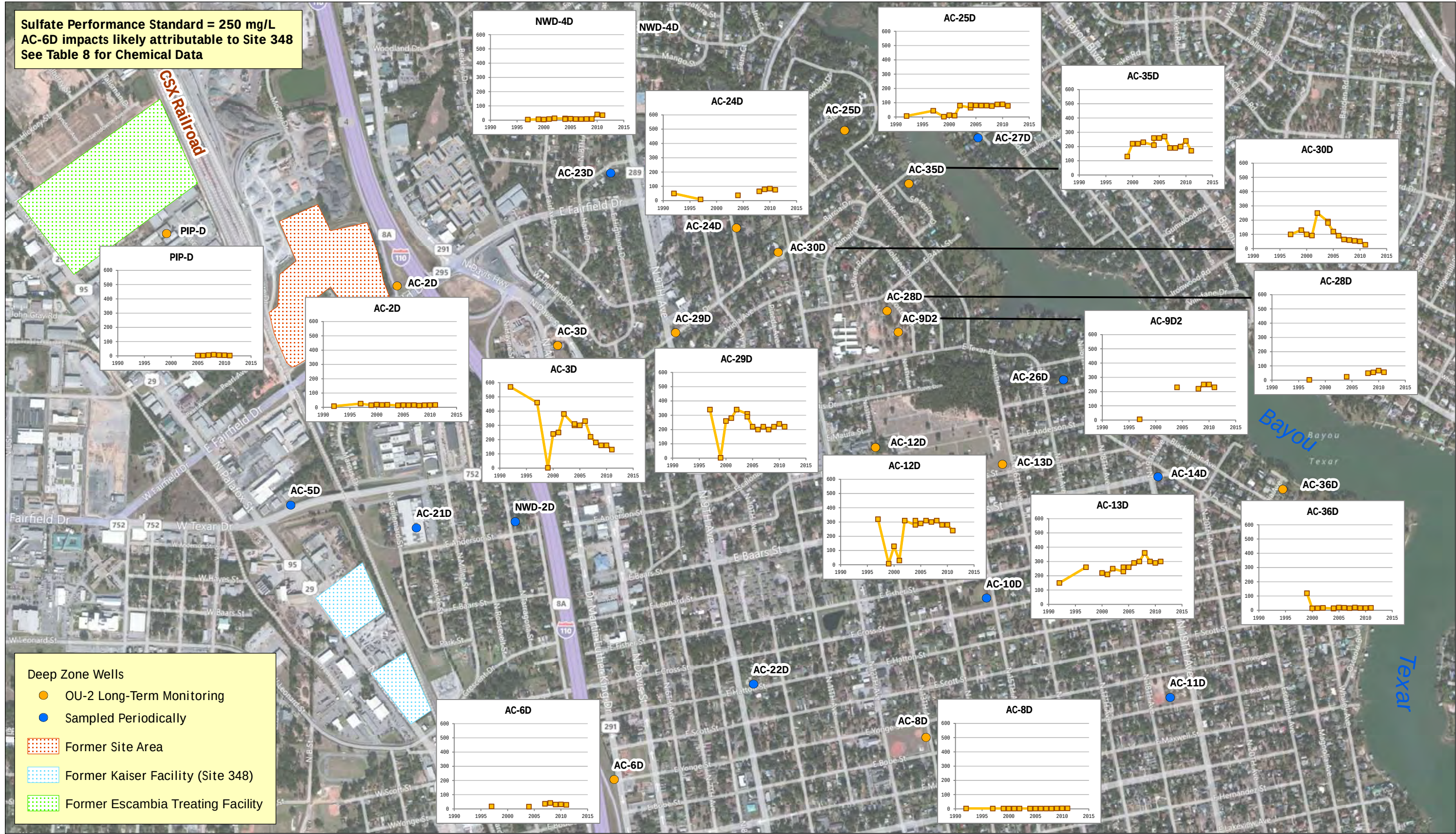
Base Map Data Provided By:
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Aerial Source: Bing Image Server (Exact Date Unknown,
approximately 2010)



**COMPARISON OF
FLUORIDE CONCENTRATIONS (mg/L)
MAIN PRODUCING ZONE**

**FIGURE
13**

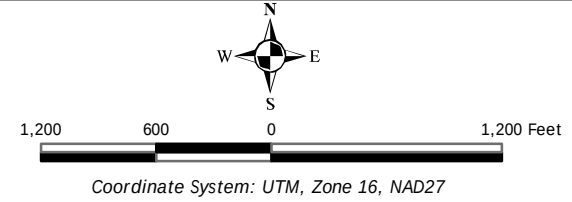




**OU-1 and OU-2
AGRICO SITE
PENSACOLA, FLORIDA**

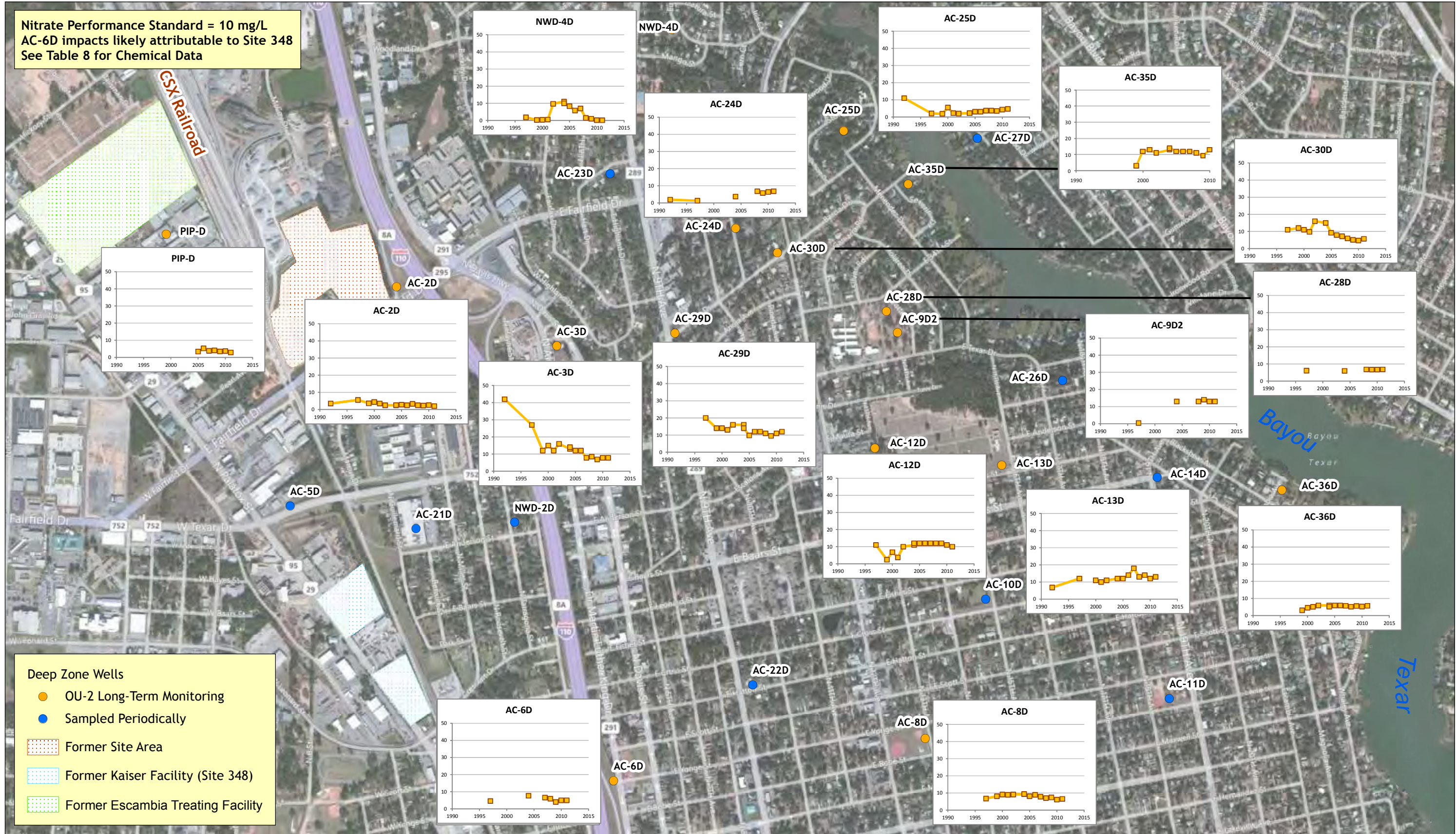


Base Map Data Provided By:
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and Northwest Florida Water Management District
Aerial Source: Bing Image Server (Exact Date Unknown,
approximately 2010)



**COMPARISON OF
SULFATE CONCENTRATIONS (mg/L)
MAIN PRODUCING ZONE**

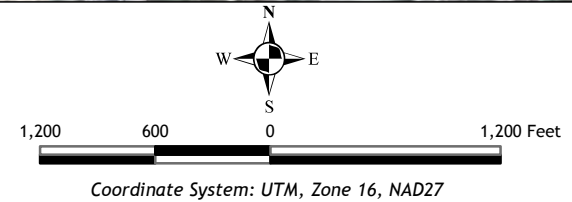
**FIGURE
15**



**OU-1 and OU-2
 AGRICO SITE
 PENSACOLA, FLORIDA**



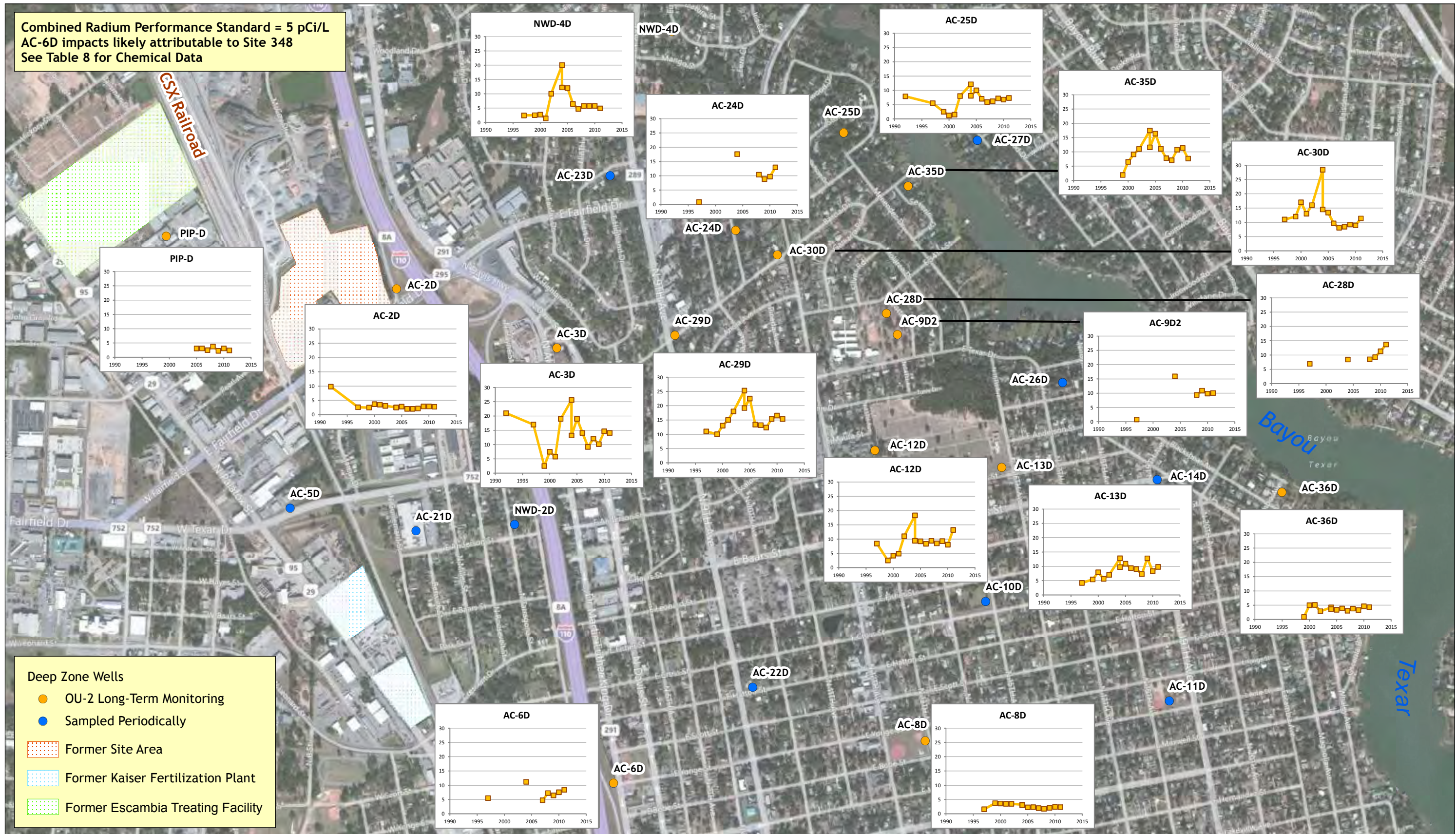
Base Map Data Provided By:
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 and Northwest Florida Water Management District
 Aerial Source: Bing Image Server (Exact Date Unknown,
 approximately 2010)



**COMPARISON OF
 NITRATE CONCENTRATIONS (mg/L)
 MAIN PRODUCING ZONE**

**FIGURE
 16**

Combined Radium Performance Standard = 5 pCi/L
 AC-6D impacts likely attributable to Site 348
 See Table 8 for Chemical Data

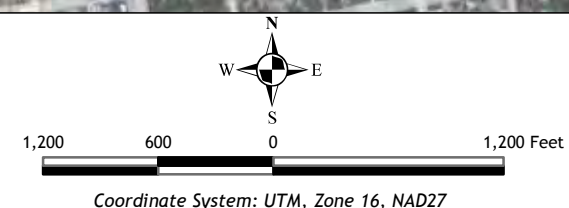


- Deep Zone Wells**
- OU-2 Long-Term Monitoring
 - Sampled Periodically
 - Former Site Area
 - Former Kaiser Fertilization Plant
 - Former Escambia Treating Facility

OU-1 and OU-2
 AGRICO SITE
 PENSACOLA, FLORIDA

URS

Base Map Data Provided By:
 Florida Department of Environmental Protection
 and Northwest Florida Water Management District
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 approximately 2010)



COMPARISON OF
 COMBINED RADIUM 226 + 228
 CONCENTRATIONS (pCi/L)
 MAIN PRODUCING ZONE

FIGURE
 17

Fluoride Surface Water Standard = 5 mg/L
2004* - sampled in January 2004

CSX Railroad

- Surface Water Sample Location
- Historic Surface Water Sample Location
- Former Site Area (OU-1)
- Former Kaiser Facility (Site 348)
- Former Escambia Treating Facility

OU-1 and OU-2
AGRICOLA SITE
PENSACOLA, FLORIDA

URS

Base Map Data Provided By:
Florida Department of Environmental Protection
and Northwest Florida Water Management District
Aerial Source: Bing Image Server (Exact Date Unknown,
approximately 2010)



1,200 600 0 1,200 Feet

Coordinate System: UTM, Zone 16, NAD27

FLUORIDE
CONCENTRATIONS (mg/L)
NEAR BOTTOM
SURFACE WATER

FIGURE
18

