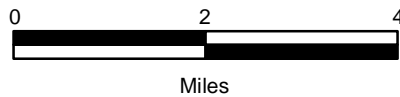


FIGURES



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Approximate Scale



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 \FONR_Impact_2008\location_map.mxd
 Map Source: MS MapPoint
 12/10/08 PD

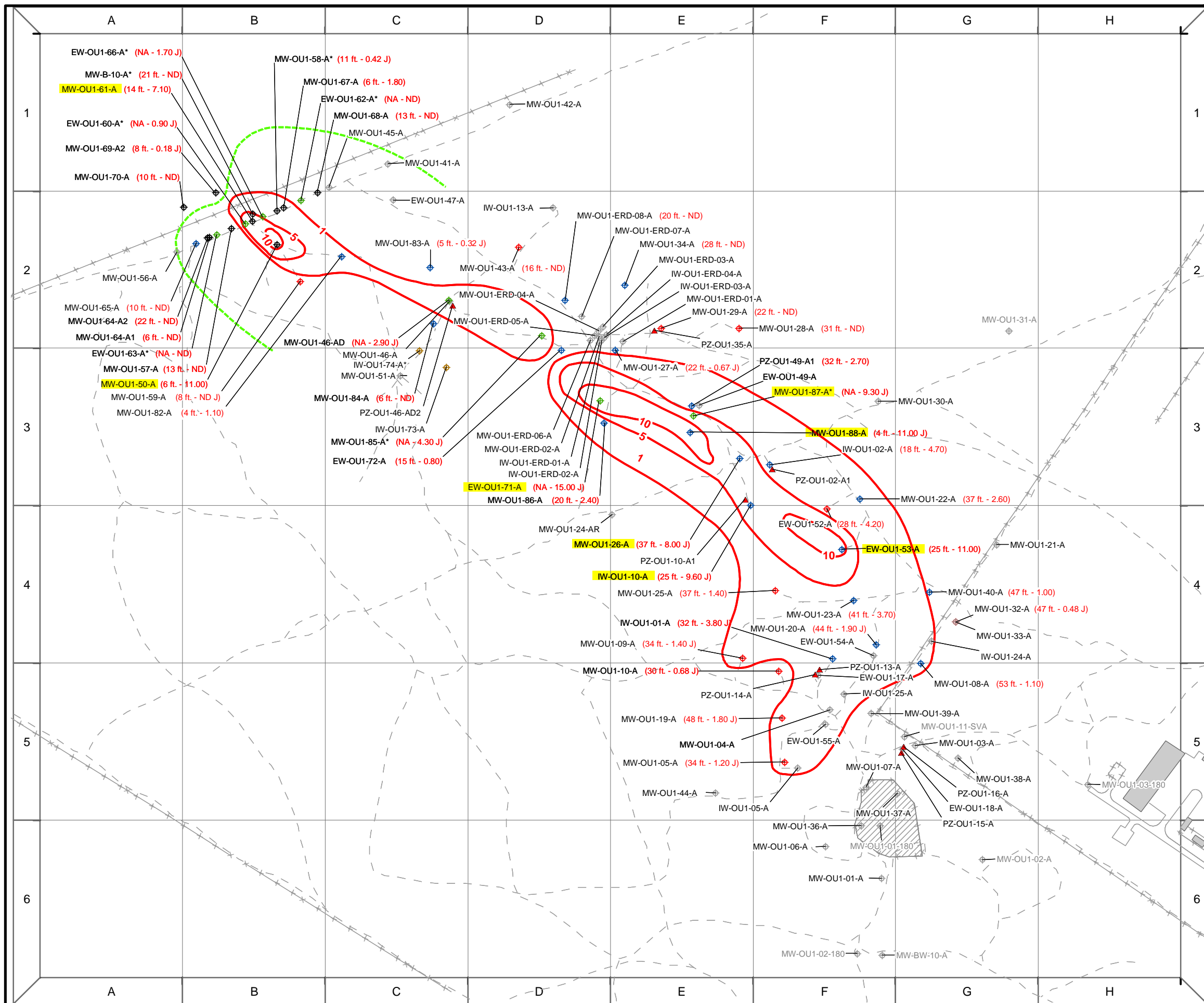


Legend

- OU-1 Treatment Plant
- Former Fort Ord Boundary

**Figure 1.1
 Former Fort Ord
 Location Map**

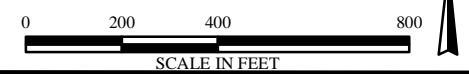
Figure 1.2
OU-1
TCE Concentrations in Groundwater
September 2008



Legend

- ⊕ Annual Monitoring Well
- ⊕ Biannual Monitoring Well
- ⊕ Quarterly Monitoring Well
- ⊕ Extraction Well
- ⊕ Injection Well
- ▲ Piezometer
- ⊕ Well Not Sampled
- Locations With June 2008 TCE Concentration At Or Above ACL (5 µg/L)
- TCE Contour (µg/L) Based on September 2008 Data
- Well ID
- September 2008 TCE Result (µg/L)
- Sample Elevation (feet above mean sea level)
- - - Trail/Unimproved Road
- ××× Fence
- - - Estimated Northwest Treatment System Capture Zone
- ▨ Former Fire Drill Area

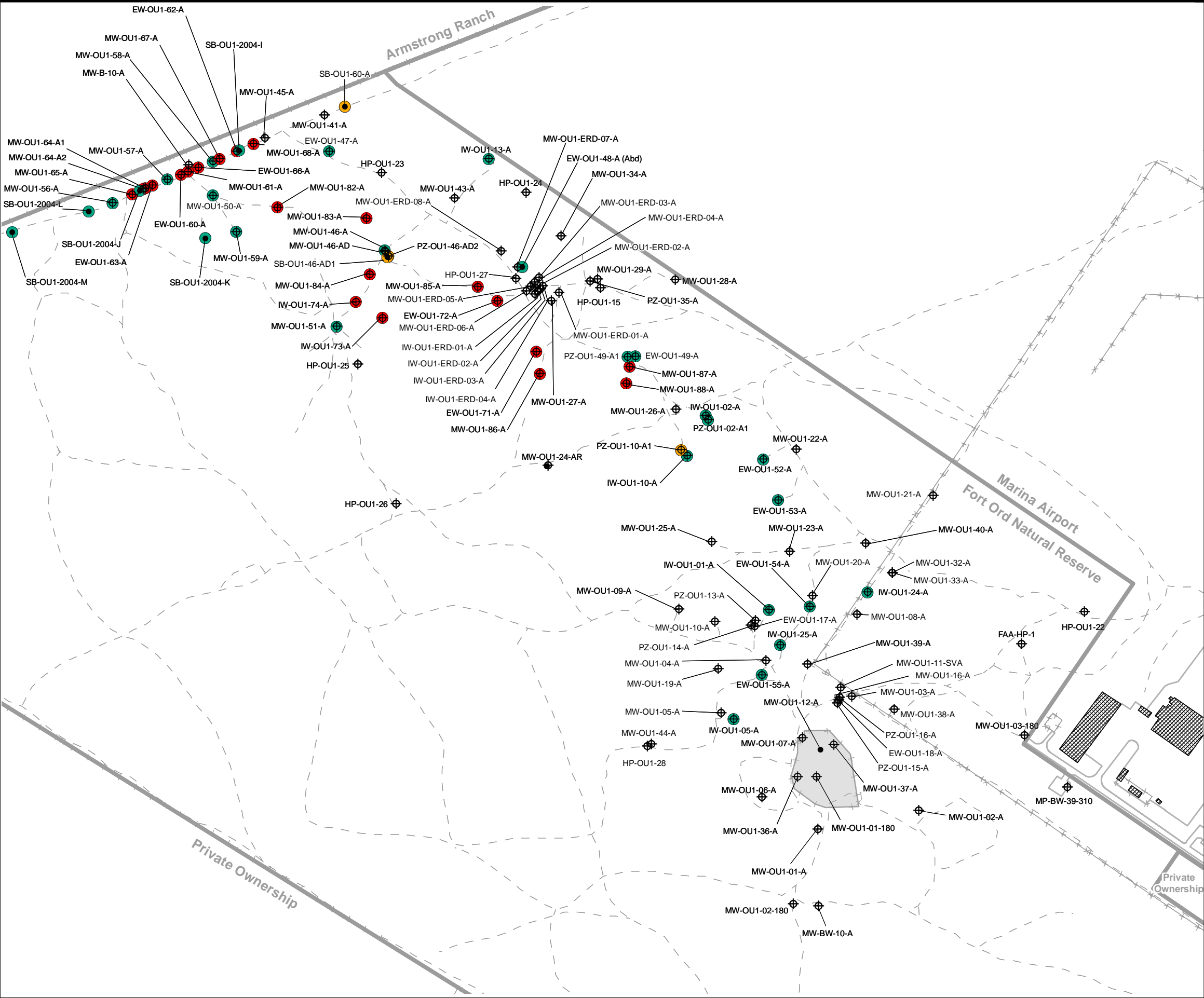
Notes:
 Units of TCE concentrations are in ppb
 ND = Non-detect
 NA = Depth is not applicable - sample is from pumping well
 J = Estimated Value
 µg/L = Micrograms per liter
 Wells shown with an asterisk were not used to develop contour boundaries. Active extraction wells were typically not included because the data is not location-specific. The data from extraction wells MW-OU1-46-AD and EW-OU1-71-A were included because their omission would result in significantly underestimating the boundary of the 5 µg/L and 10 µg/L TCE contour intervals. In addition, MW-OU1-58-A was excluded because of the higher concentration at nearby well MW-OU1-67-A and MW-B-10-A because the well does not fully penetrate the A-Aquifer.
 Well names appearing in gray were not included in OU1-Groundwater Monitoring Program.
 Wells for which no data are posted were not sampled.



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 TCE_in_GW_Sep_2008.mxd
 Source: HGL
 12/10/08 PD



Figure 1.3
OU-1 Soil Borings, Wells,
and Piezometers
Constructed Within the FONR



Legend

- ⊕ Well/Piezometer Drilled Before 2004
- Abandoned Soil Boring/Well/Piezometer
- ⊕ 2004 Well/Piezometer
- ⊕ 2004 Soil Boring
- ⊕ 2005 Well/Piezometer
- ⊕ 2005 Soil Boring
- ⊕ 2006 Well/Piezometer
- ⊕ 2006 Soil Boring
- - - Trail/Unimproved Road
- ××× Fence
- Fire Drill Area (FDA)

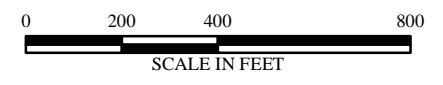
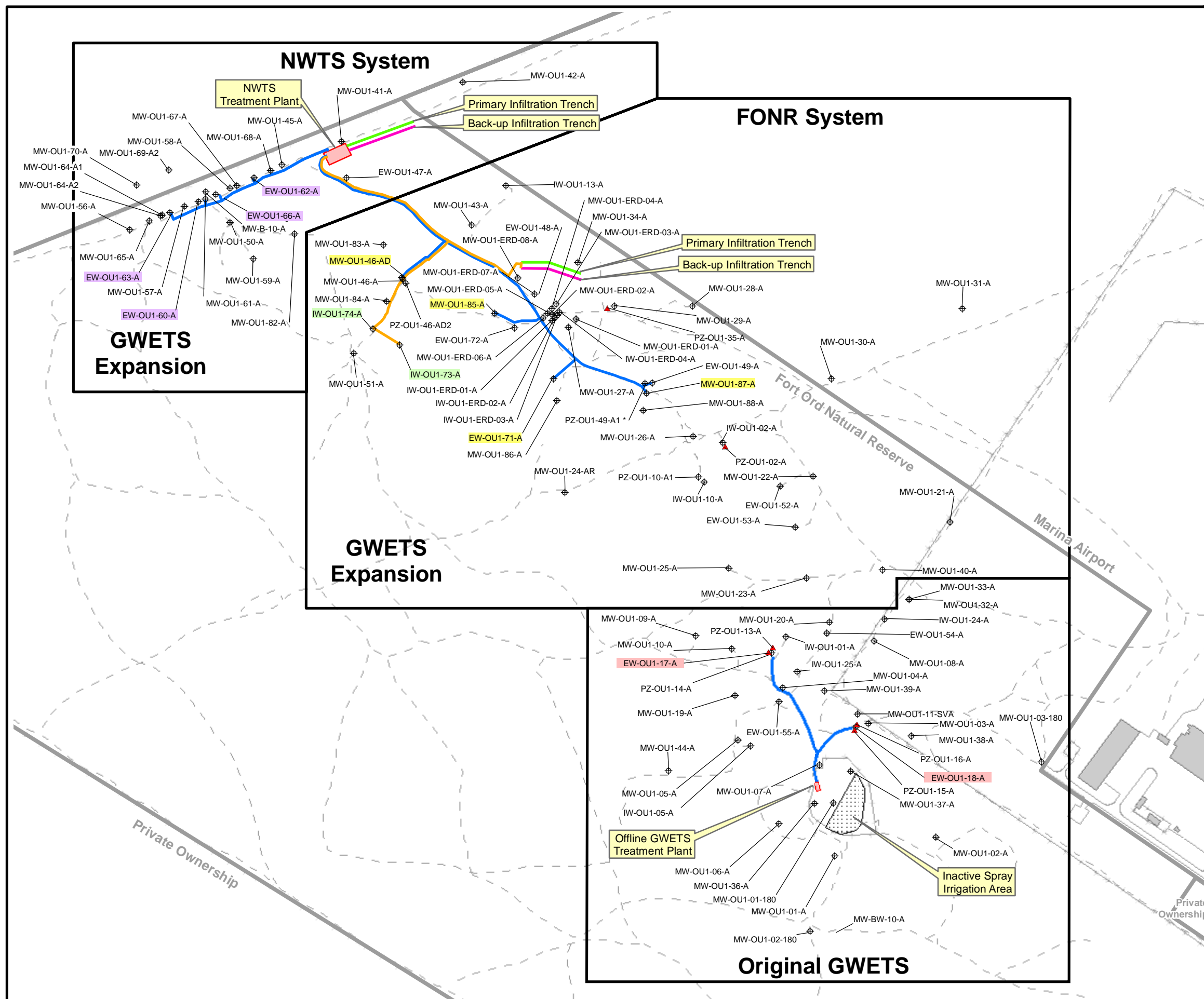


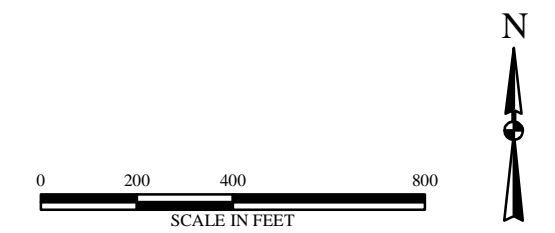
Figure 1.4
Former Fort Ord Natural Reserve
(FONR)
Remediation System Areas



Legend

- ⊕ Monitoring Well
- EW-OU1-18-A Original GWETS Extraction Well
- SIW 36061 FONR Injection Well
- MW-OU1-46-AD FONR Extraction Well
- EW-OU1-63-A NWTS Extraction Well
- ▲ Piezometer
- - - Trail/Unimproved Road
- ×××× Fence
- Extraction Pipeline
- Infiltration Trench
- Treated Water Pipeline
- Treatment Plant

Notes:
 NWTS = Northwest Treatment System
 FONR = Fort Ord Natural Reserve
 GWETS = Groundwater Extraction and Treatment System
 The treated water and extraction water pipelines are located in separate trenches within or near the existing roadway. The separation shown in this figure is exaggerated for clarity.



**Figure 1.5
2008 Rare Plant and
Habitat Survey Areas**



Legend





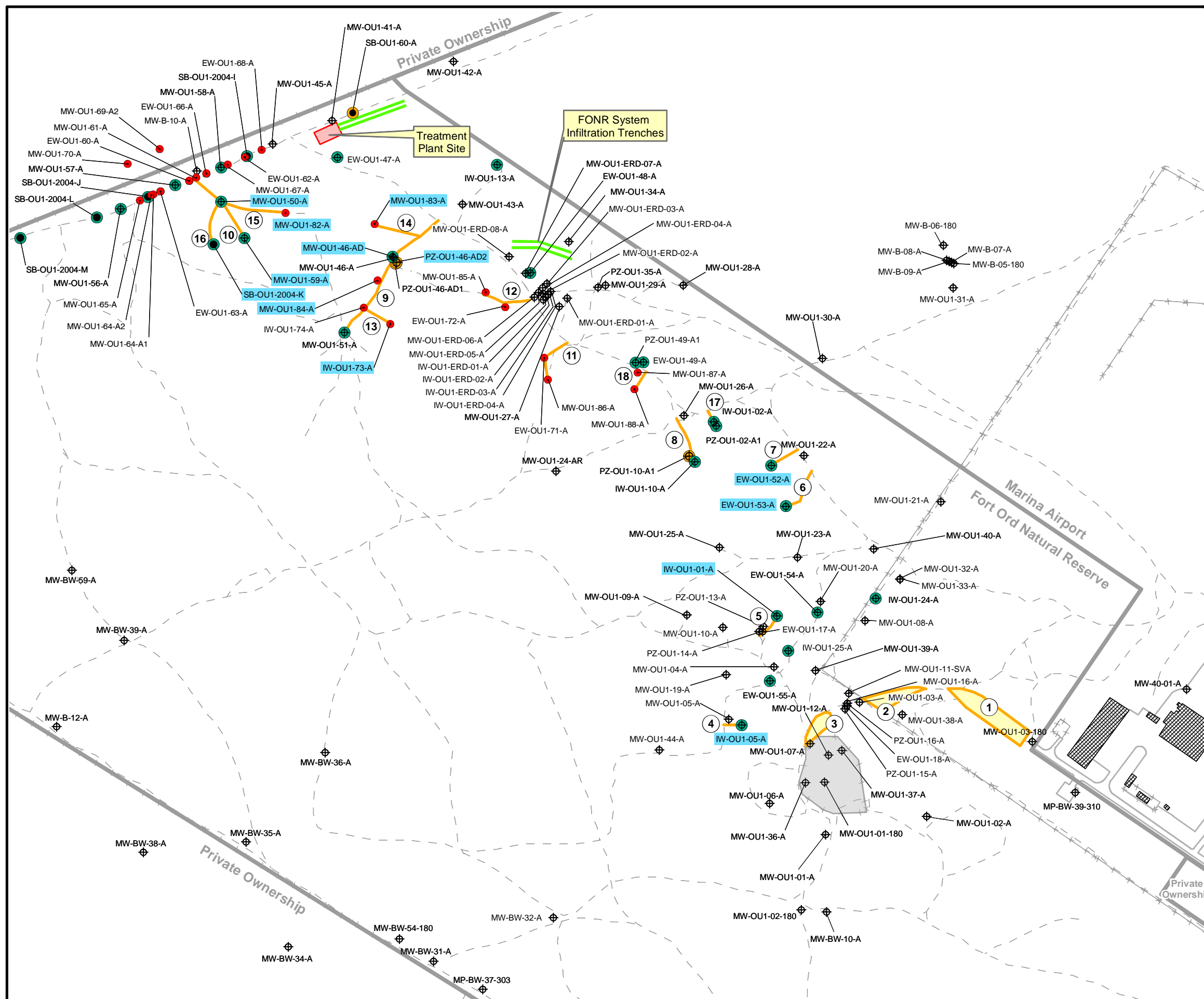
-  FONR Sites
-  Staging Areas
-  Areas Surveyed in 2008
-  Areas Surveyed in One or More Previous Year

Figure 1.6
Year 2008
Weed Control Segment Locations



Legend

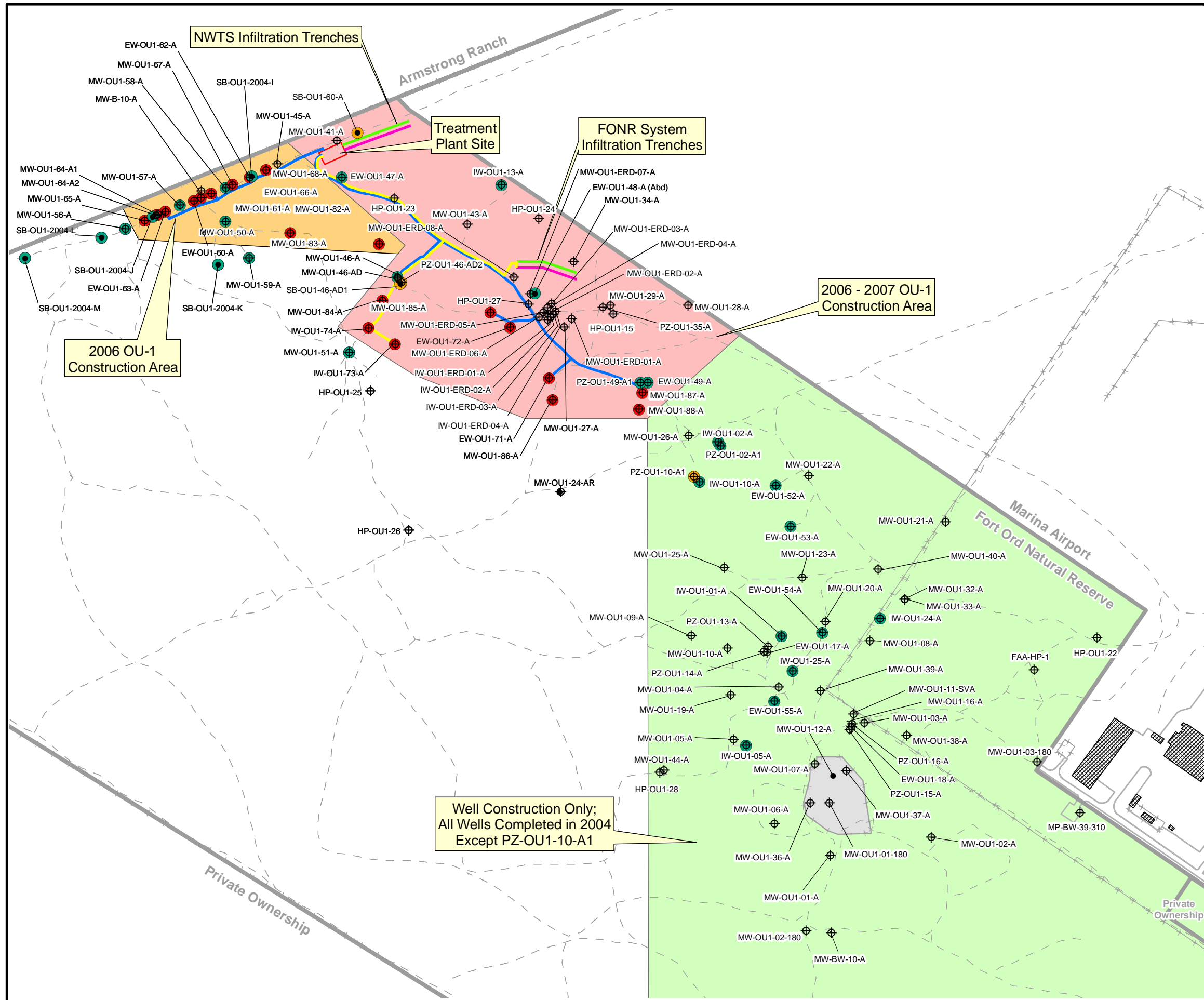
- ⊕ Well/Piezometer Drilled Before 2004
- Abandoned Soil Boring
- 2004 Drilling
- 2005 Drilling
- 2006 Drilling
- ① 2007 Weed Control Segment Identification Number
- MW-OU1-59-A 2008 Well Site Weed Control
- - - Trail/Unimproved Road
- 2007 Weed Control Segment
- ××× Fence
- Fire Drill Area (FDA)
- Southern Staging Area in 2004



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 Source: HydroGeologic, Inc.
 12/10/08 PD



Figure 4.1
OU-1
Construction Activity
2004 - 2007



Legend

- ⊕ Well/Piezometer Drilled Before 2004
- Abandoned Soil Boring/Well/Piezometer
- ⊕ 2004 Well/Piezometer
- ⊕ 2004 Soil Boring
- ⊕ 2005 Well/Piezometer
- ⊕ 2005 Soil Boring
- ⊕ 2006 Well/Piezometer
- ⊕ 2006 Soil Boring
- Extraction Pipeline
- Infiltration Trench
- Treated Water Pipeline
- - - Trail/Unimproved Road
- ××× Fence
- Fire Drill Area (FDA)

Note:
 FONR = Fort Ord Natural Reserve
 NWTS = Northwest Treatment System
 The treated water and extraction water pipelines are located in separate trenches within or near the existing roadway. The separation shown in this figure is exaggerated for clarity.

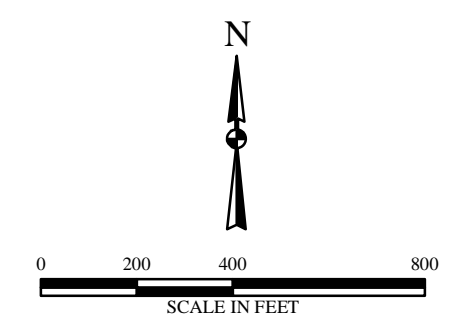
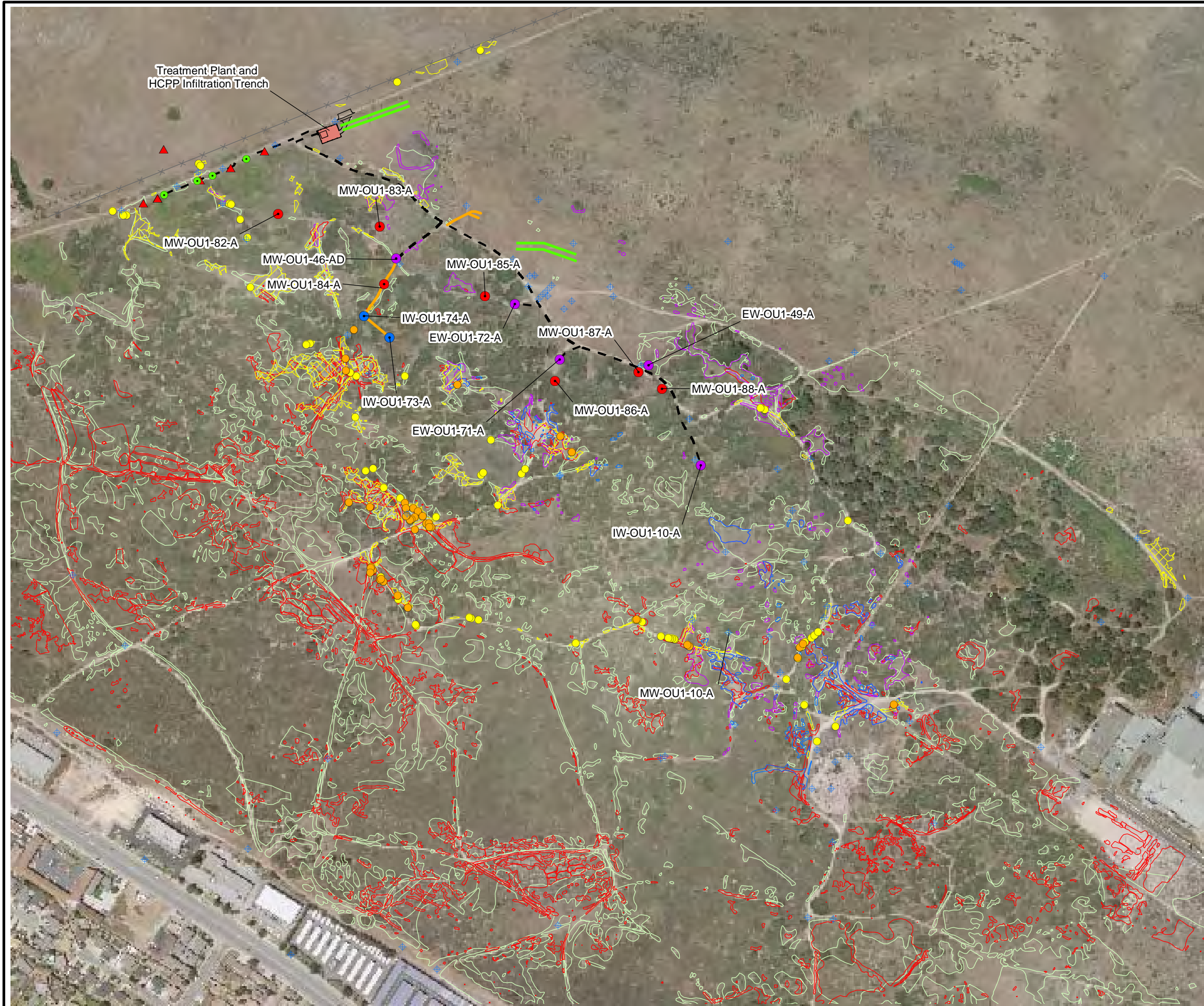
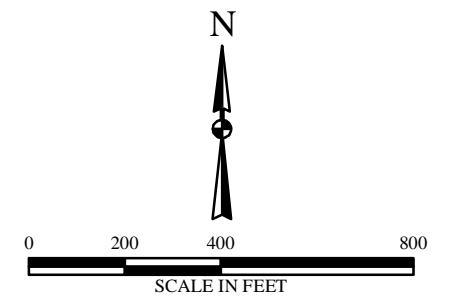


Figure 4.2
Summary
of Rare Plant Survey Results
1998 - 2005



Legend

- Extraction Pipeline Route
 - New Infiltration Trench
 - Treated Water Pipeline Route
 - ×—× Armstrong Ranch Fence
 - ⊕ Monitoring Well
 - Hydraulic Control Pilot Project Extraction Well
 - ▲ New Well for Hydraulic Control Pilot Project Performance Monitoring
 - FONR OU-1 New Monitoring Well
 - FONR OU-1 Extraction Well
 - FONR OU-1 Injection Well
- 1998 RARE PLANT SURVEY (University of California Santa Cruz)
- 1998 sand gilia
 - 1998 Monterey spineflower
- 2004 RARE PLANT SURVEY (CH2MHill)
- Monterey spineflower
 - sand gilia
- 2005 RARE PLANT SURVEY (CH2MHill)
- sand gilia
 - sand gilia
 - Monterey spineflower
 - Monterey spineflower - High Density
 - Monterey spineflower - Medium Density
 - Monterey spineflower - Sparse Density
 - Monterey spineflower - Very Sparse Density



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 98-05_Plant_Survey.mxd
 Source: HydroGeoLogic, Inc., CH2M Hill
 12/10/08 PD

