

Pre-Phase III ISRA In-Place Sample Results Western Outfall 009 Watershed

- Base Map Legend**
- Administrative Area Boundary
 - Non Jurisdictional Surface Water Pathway
 - RFI Site Boundary
 - Previous Excavation Area
 - Soil Borrow Area
 - A/C Paving
 - NPDES Outfall
 - Dirt Road
 - Surface Water Divide
 - Elevation Contour
 - Drainage

- Figure Legend**
- Actual ISRA Boundary
 - Planned ISRA Boundary
 - Former Planned ISRA Boundary

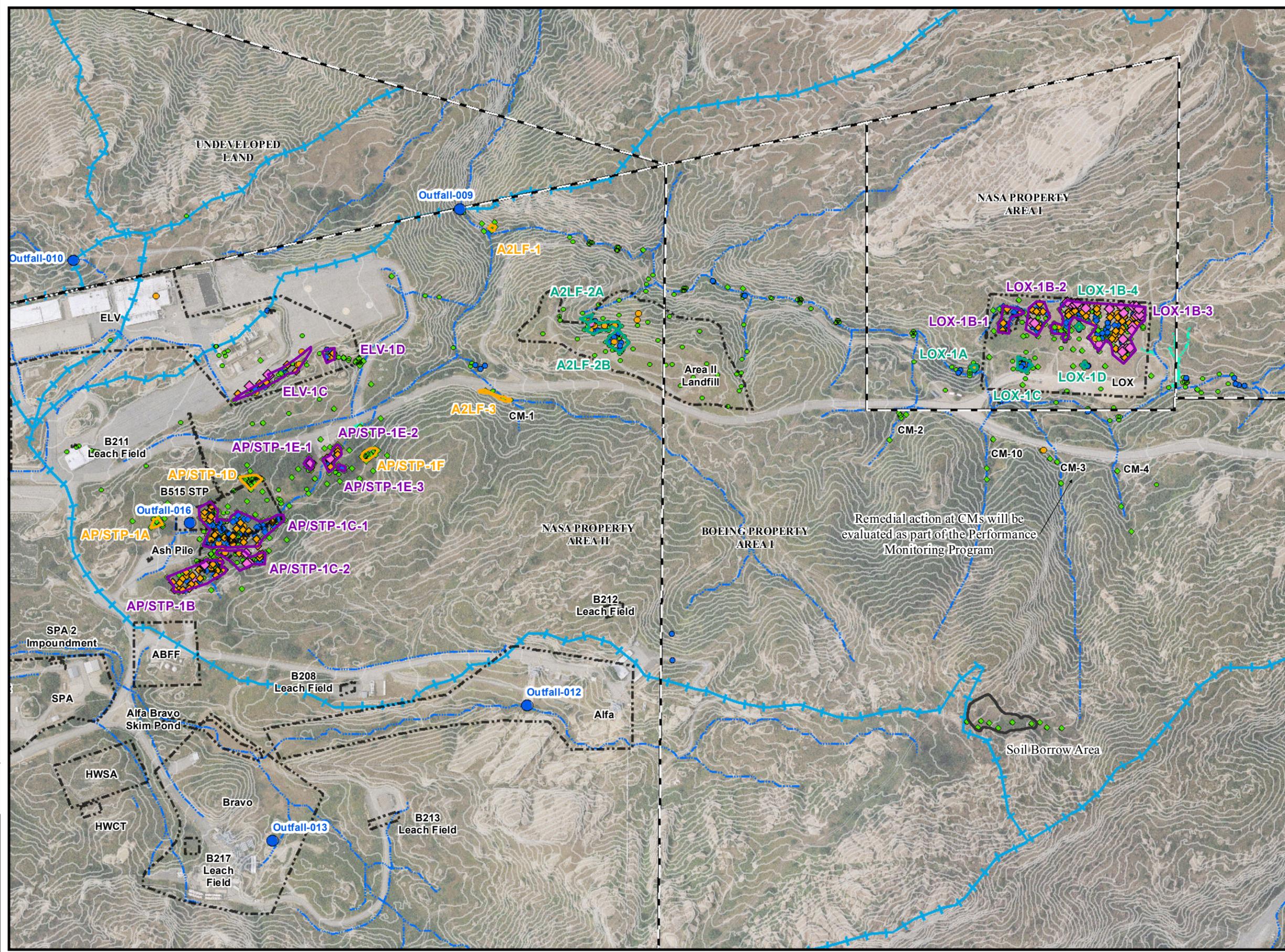
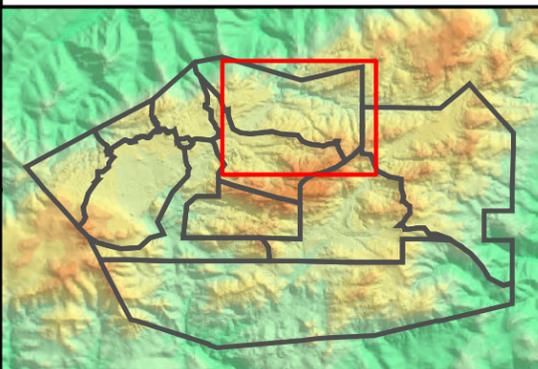
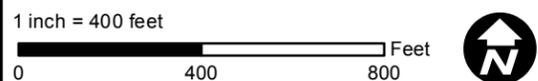
- Chemical Data Legend**
- Dioxin Sample Locations (< 2 feet bgs)**
- ≤ SRG
 - > SRG and ≤ 2x SRG
 - > 2x SRG and ≤ 10x SRG
 - > 10x SRG
- Metal Sample Locations (< 2 feet bgs)**
- ≤ SRG
 - > SRG and ≤ 2x SRG
 - > 2x SRG and ≤ 10x SRG
 - > 10x SRG

ISRA COCs/SRGs
 Cadmium: 1 mg/kg
 Copper: 29 mg/kg
 Lead: 34 mg/kg
 Mercury: 0.09 mg/kg
 Dioxin: 3.0 pg/g

Figure Notes:

- Remedial work planned at ISRA areas within the AILF RFI Site, A2LF RFI Site, and select ISRA areas in the LOX RFI Site will be addressed by the Boeing RCRA Facility Investigation (RFI) Program and the NASA Administrative Order on Consent (AOC) program, respectively.
- Aerial imagery and topographic contours were collected June 2, 2010 by Sage Consultants, Inc., and represent pre-excavation conditions.

Path: T:\projects\rock3\ISRA\Figures\PhaseIII_Report\Fig1-6_Dotmap_West_Pre.mxd
 Date: 12/26/2013



Remedial action at CMs will be evaluated as part of the Performance Monitoring Program

Post Phase III ISRA In-Place Sample Results Eastern Outfall 009 Watershed

- Base Map Legend**
- Administrative Area Boundary
 - Non Jurisdictional Surface Water Pathway
 - RFI Site Boundary
 - Previous Excavation Area
 - Soil Borrow Area
 - A/C Paving
 - NPDES Outfall
 - Dirt Road
 - Surface Water Divide
 - Drainage

- Figure Legend**
- Actual ISRA Boundary
 - Planned ISRA Boundary
 - Former Planned ISRA Boundary

- Chemical Data Legend**
- Dioxin Sample Locations (< 2 feet bgs)**
- ≤ SRG
 - > SRG and ≤ 2x SRG
 - > 2x SRG and ≤ 10x SRG
 - > 10x SRG
- Metal Sample Locations (< 2 feet bgs)**
- ≤ SRG
 - > SRG and ≤ 2x SRG
 - > 2x SRG and ≤ 10x SRG
 - > 10x SRG

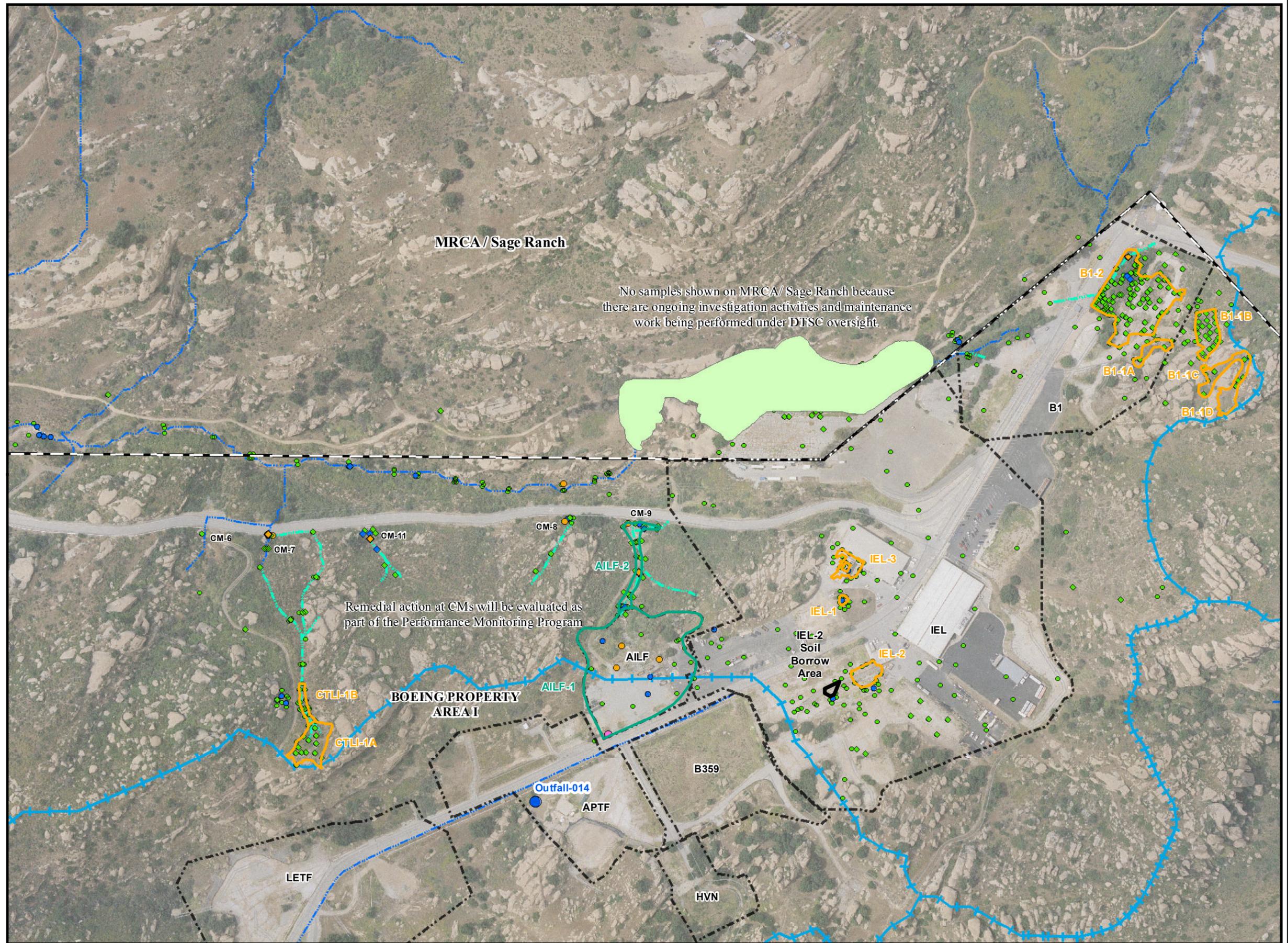
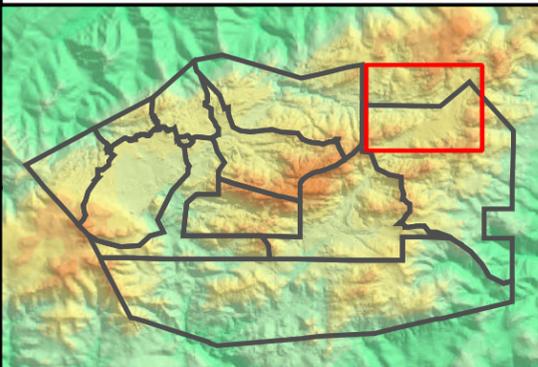
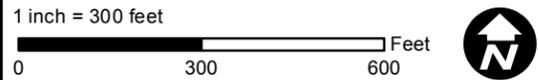
ISRA COCs/SRGs
 Cadmium: 1 mg/kg
 Copper: 29 mg/kg
 Lead: 34 mg/kg
 Mercury: 0.09 mg/kg
 Dioxin: 3.0 pg/g

Figure Notes:

1. Remedial work planned at ISRA areas within the AILF RFI Site, A2LF RFI Site, and select ISRA areas in the LOX RFI Site will be addressed by the Boeing RCRA Facility Investigation (RFI) Program and the NASA Administrative Order on Consent (AOC) program, respectively.

2. Aerial imagery was collected June 2, 2010 and represents pre-excavation conditions (Sage Inc., 2010).

Path: T:\projects\rock3\ISRA\Figures\PhaseIII_Report\Fig3-1_Dotmap_East_Post.mxd
 Date: 12/18/2013



Post Phase III ISRA In-Place Sample Results Western Outfall 009 Watershed

- Base Map Legend**
- Administrative Area Boundary
 - Non Jurisdictional Surface Water Pathway
 - RFI Site Boundary
 - Previous Excavation Area
 - Soil Borrow Area
 - A/C Paving
 - NPDES Outfall
 - Dirt Road
 - Surface Water Divide
 - Drainage

- Figure Legend**
- Actual ISRA Boundary
 - Planned ISRA Boundary
 - Former Planned ISRA Boundary

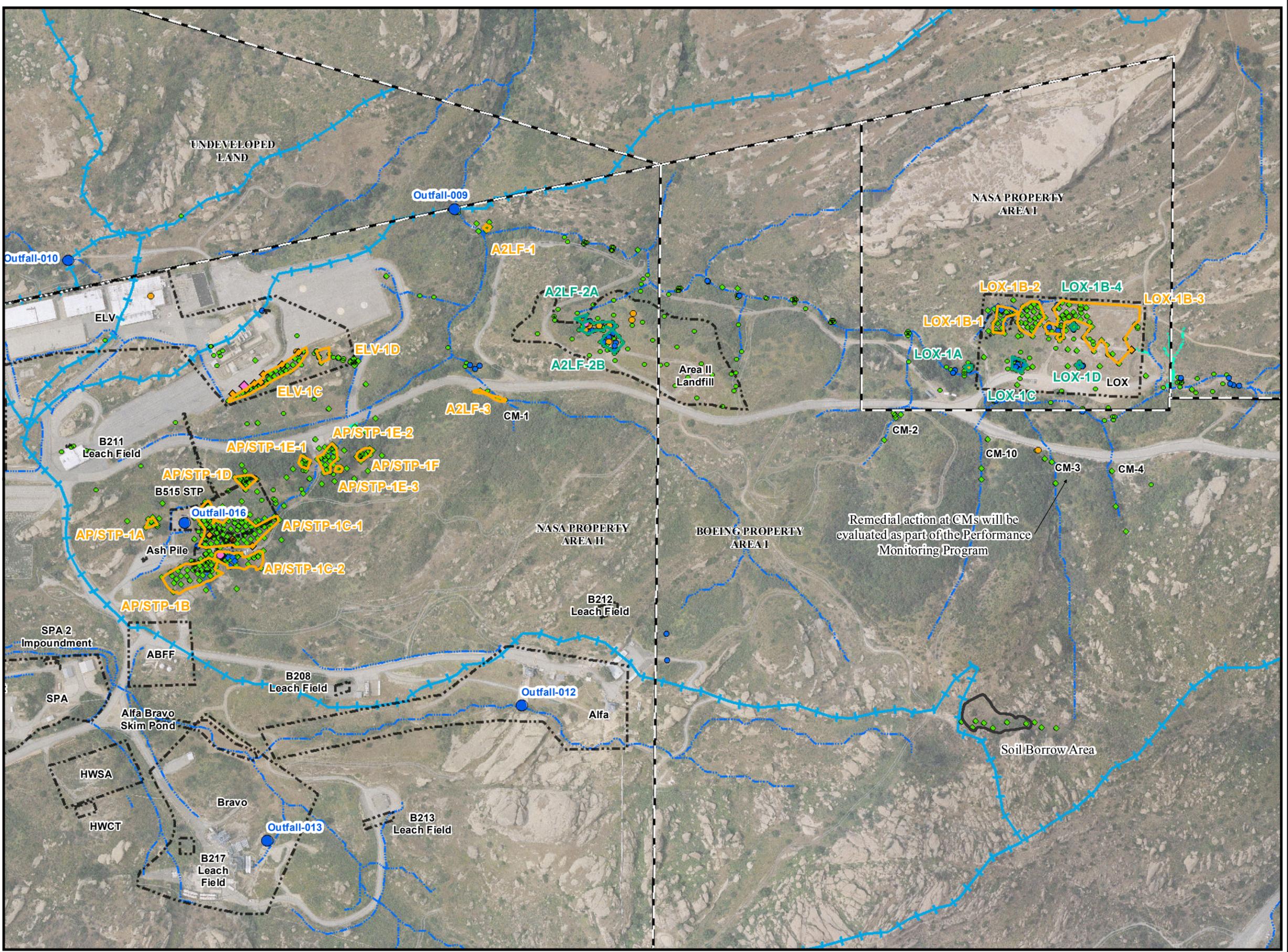
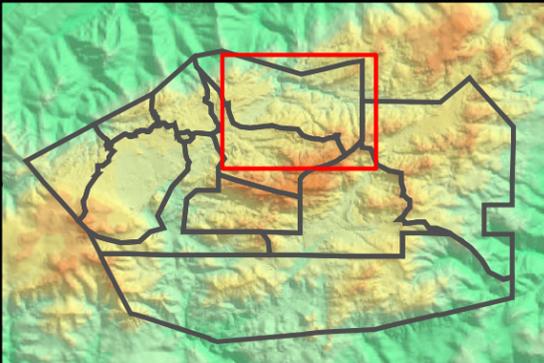
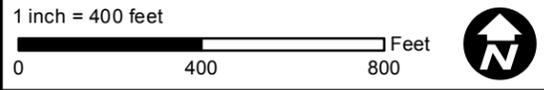
- Chemical Data Legend**
- Dioxin Sample Locations (< 2 feet bgs)**
- <= SRG
 - > SRG and <= 2x SRG
 - > 2x SRG and <= 10x SRG
 - > 10x SRG
- Metal Sample Locations (< 2 feet bgs)**
- <= SRG
 - > SRG and <= 2x SRG
 - > 2x SRG and <= 10x SRG
 - > 10x SRG

ISRA COCs/SRGs
 Cadmium: 1 mg/kg
 Copper: 29 mg/kg
 Lead: 34 mg/kg
 Mercury: 0.09 mg/kg
 Dioxin: 3.0 pg/g

Figure Notes:

- Remedial work planned at ISRA areas within the AILF RFI Site, A2LF RFI Site, and select ISRA areas in the LOX RFI Site will be addressed by the Boeing RCRA Facility Investigation (RFI) Program and the NASA Administrative Order on Consent (AOC) program, respectively.
- Aerial imagery was collected June 2, 2010 and represents pre-excavation conditions (Sage Inc., 2010).

Path: T:\projects\rock3\ISRA\Figures\PhaseIII_Report\Fig3-2_Dotmap_West_Post.mxd
 Date: 12/26/2013



SANTA SUSANA FIELD LABORATORY

FIGURE 3-2

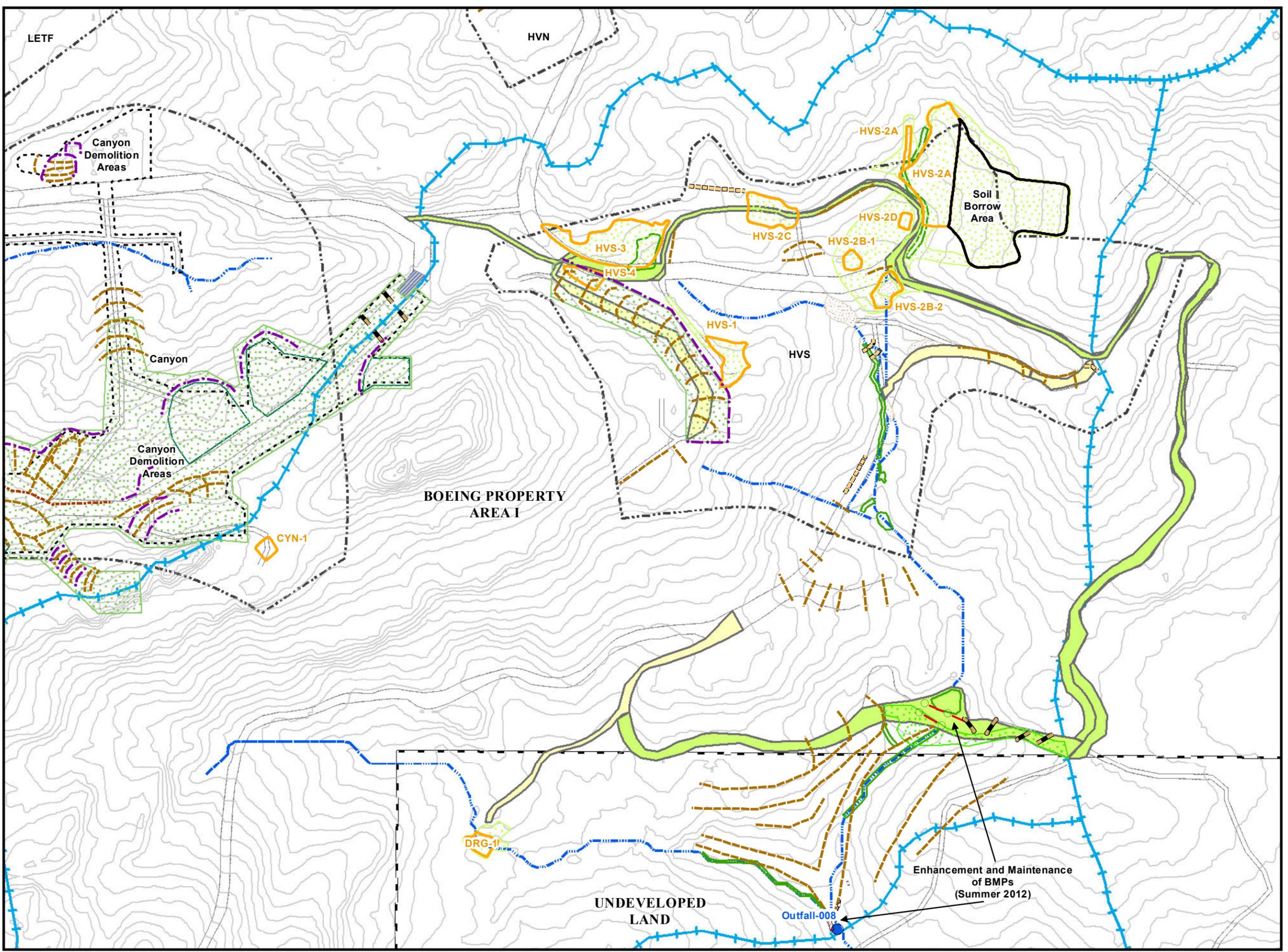
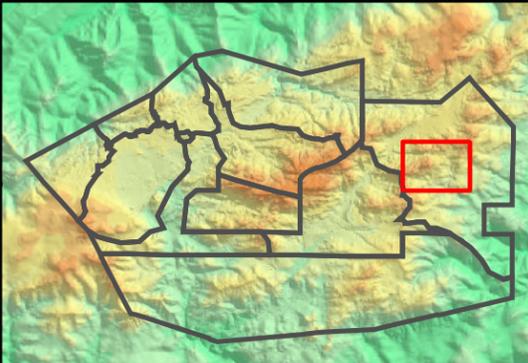
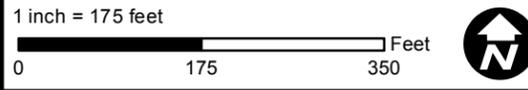
BMP Installations 2010-2013
HVS Area
Outfall 008 Watershed

- Base Map Legend**
- Administrative Area Boundary
 - Surface Water Divide
 - RFI Site Boundary
 - NPDES Outfall
 - Drainage
 - A/C Paving
 - Dirt Road
 - Elevation Contour

- Data Legend**
- Actual ISRA Boundary
 - Former Planned ISRA Boundary
 - Soil Borrow Area
 - Hydromulch Hydroseed
 - Planting Area
 - Road Rehab Restoration
 - Demolition
 - Rock Crib Swale
 - Abandoned Road
 - Rip Rap
 - Stabilized Entrance
 - Hydroseed 2012/2013
 - Hydroseed 2011/2012
 - Hydroseed 2010/2011
 - Water Gravel Bars
 - Check Dam
 - Fiber Rolls
 - Hay Straw Bales
 - Silt Fencing
 - Soil Berm
 - Rip Rap Berm

Figure Notes:
 1. Topographic contours from 2010 Sage Consultants, Inc.

Path: T:\projects\rock3\ISRA\Figures\PhaseII_Report\Fig3-3_BMP_008.mxd
 Date: 12/18/2013



SANTA SUSANA FIELD LABORATORY

FIGURE 3-3