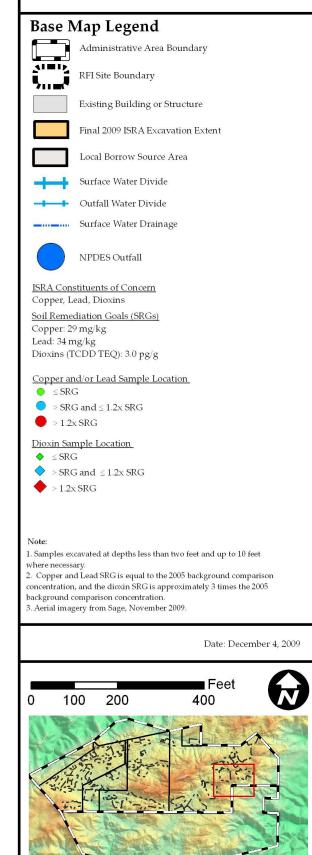
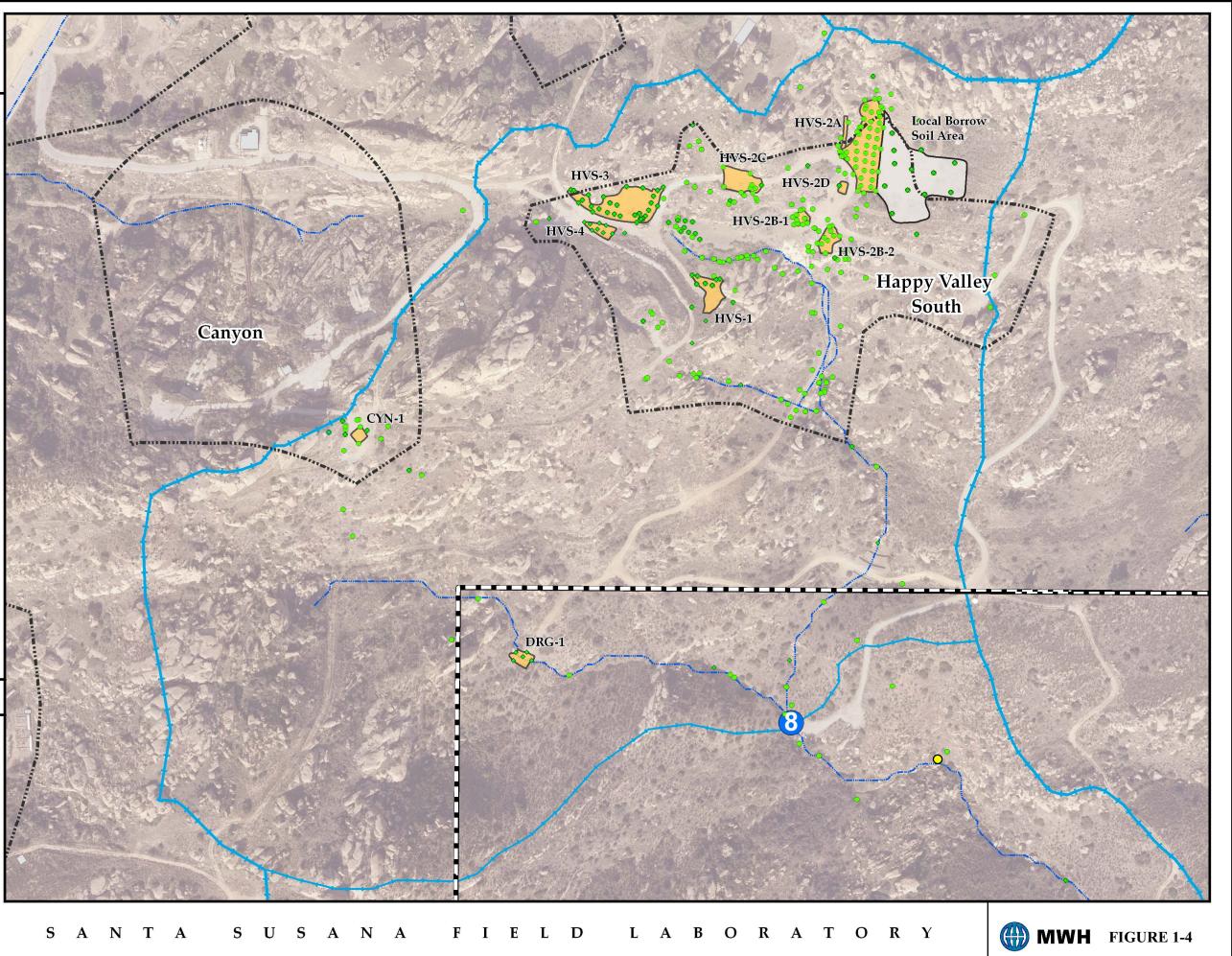
Outfall 008, Post Excavation In-Place Sample Results





Printing Date: March 29, 2010 File: \uspas1netapp1\DEI\rocketdyne gis\MasterGISFiles\\SRA_Projects\\SRA_MXD\Outfall 008\008 ISRA\Final\OF8PostExcavInPlaceResults.mxd

ISRA Areas Eastern Outfall 009 Watershed

Base Map Legend



Figure Legend

Actual excavation boundaries ISRA Areas completed in 2009
Planned excavation boundaries ISRA Areas completed in 2010
ISRA Areas planned for future remediation
ISRA PEAs not planned for future remediation

Chemical Data Legend

Dioxin Sample Locations (< 2 feet bgs)

♦ ≤ SRG

- > SRG and < 2x SRG</p>
- ♦ \geq 2x SRG and < 10 x SRG
- ♦ ≥ 10x SRG

Metal Sample Locations (< 2 feet bgs)

● ≤ SRG

- > SRG and < 2x SRG
 ≥ 2x SRG and < 10 x SRG
- $\ge 20 \text{ SRG and } \le 10 \text{ SRG}$ $\ge 10 \text{ SRG}$

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. Implementation at 2009 ISRA areas was described in the ISRA Phase I Implementation Report (MWH, 2009).

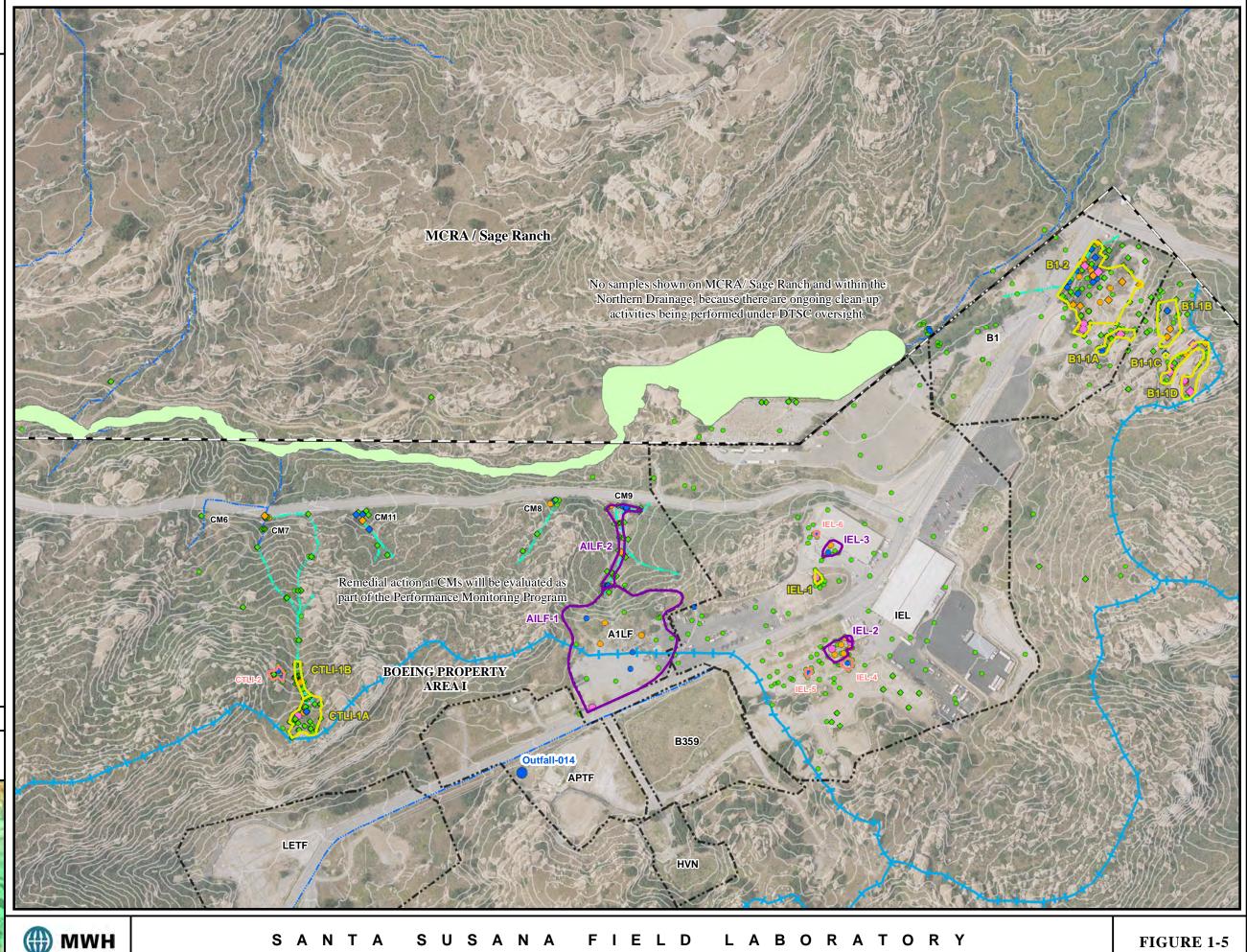
2. PEA-CTLI-2, PEA-IEL-4, PEA-IEL-5, and PEA-IEL-6 underwent a contaminant migration potential evaluation based on chemical and physical characteristics in the 2010 Work Plan Addendum (MWH, 2010), with a resulting low rank, and therefore were not considered ISRA areas and were not carried forward for the remedial alternatives evaluation.

3. Aerial imagery and topographic contours were collected June 2, 2010 by Sage Consultants, Inc., and represent pre-excavation conditions.

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ISRA Areas Western Outfall 009 Watershed

Base Map Legend

Dase Map Legenu	
Administrative Area	Non Jurisdictional
RFI Site Boundary	Previous Excavation Area
Soil Borrow Area	✓ A/C Paving
NPDES Outfall	/// Dirt Road
K Surface Water Divide	Elevation Contour
🗥 Drainage	

Figure Legend

-	-
	Actual excavation boundaries ISRA Areas completed in 2009
	Planned excavation boundaries ISRA Areas completed in 2010
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Chemical Data Legend

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- ♦ \geq 2x SRG and < 10 x SRG
- ♦ ≥ 10x SRG

Metal Sample Locations (< 2 feet bgs)

- ≤ SRG
- > SRG and < 2x SRG
- ≥ 2x SRG and < 10 x 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. Implementation at 2009 ISRA areas was described in the ISRA Phase I Implementation Report (MWH, 2009).

2. PEA-CTLI-2, PEA-IEL-4, PEA-IEL-5, and PEA-IEL-6 underwent a contaminant migration potential evaluation based on chemical and physical characteristics in the 2010 Work Plan Addendum (MWH, 2010), with a resulting low rank, and therefore were not considered ISRA areas and were not carried forward for the remedial alternatives evaluation.

3. Aerial imagery and topographic contours were collected June 2, 2010 by Sage Consultants, Inc., and represent pre-excavation conditions.

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