



Santa Susana Field Laboratory

Update on Outfall 009 NASA ISRA Activities

Presentation to RWQCB

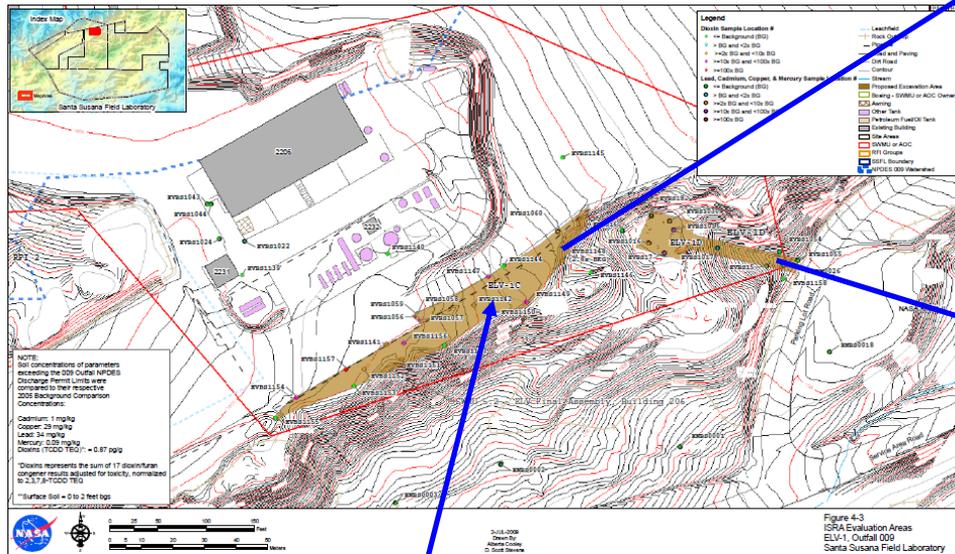
December 10, 2009

Steve Slaten, NASA SSFL Site Manager



Brief Background

- Approved ISRA workplan included ELV-1C and ID areas for 2009 ISRA actions (excavation and disposal of upper 2-foot soil layer)
- Waste disposal characterization issues (Cs) deferred 2009 ISRA focus to other PEAs (A2LF Area)



ELV-1C
ISRA Area
(Looking
Northerly)



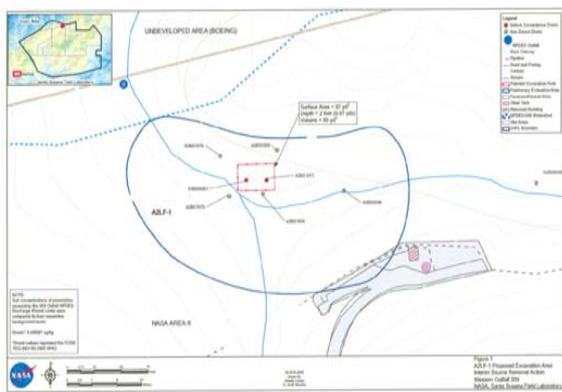
ELV-1D
ISRA Area
(Looking
Northerly)



Recent ISRA Activities

- Approved workplan addendum included ISRA actions (excavation and disposal of upper 2-foot soil interval) in two small areas: A2LF-1 and A2LF-3
 - Approximately 40 yd³ of soils removed from A2LF-1
 - Approximately 140 yd³ of soils removed from A2LF-3
 - Final confirmation sampling completed and soils planned for disposal at Class I Facility

Plan



A2LF-1
11/6 - 11/9

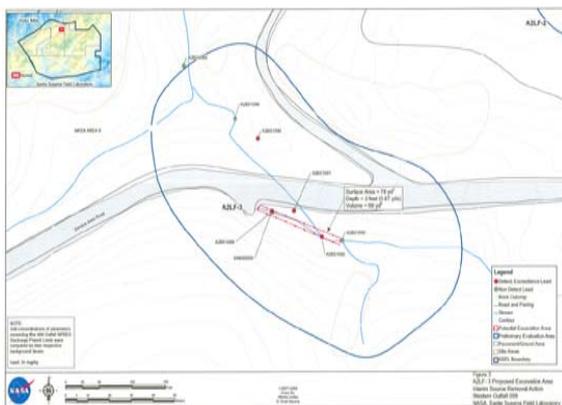
Before



After



Plan



A2LF-3
11/11 - 11/12

Before



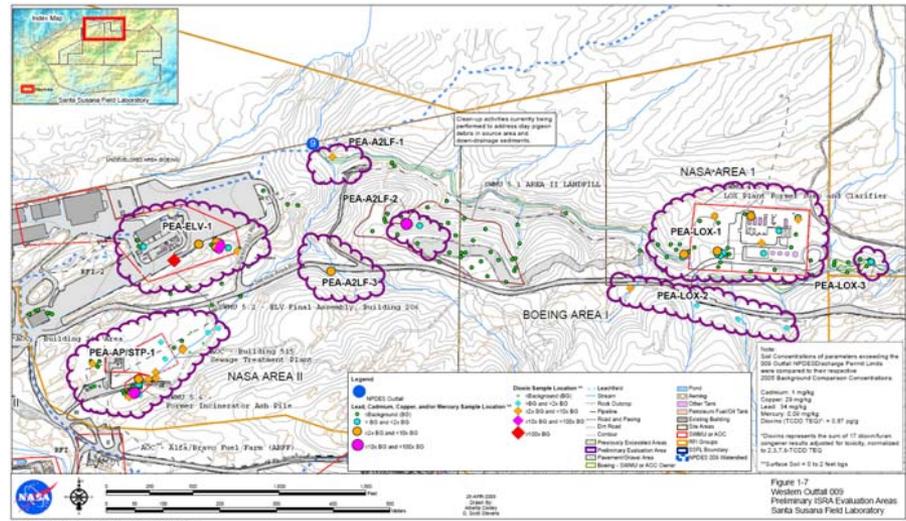
After





2010 ISRA Activities

- NASA is continuing data evaluation to define other ISRA areas within Outfall 009 for 2010 and 2011 implementation
- Target 2010 ISRA Areas will be identified in the April 2010 workplan addendum submittal





Cs Issues in ELV Area...continued

- Data show that excavated soil quality acceptable for disposal at WMA Kettleman Hills hazardous waste landfill
- CDPH concurrence obtained
- DTSC approval has not been granted
- NASA re-focused on other 2009 ISRA area activities
- Effective implementation of future ISRA activities is dependent on having a clear approval process