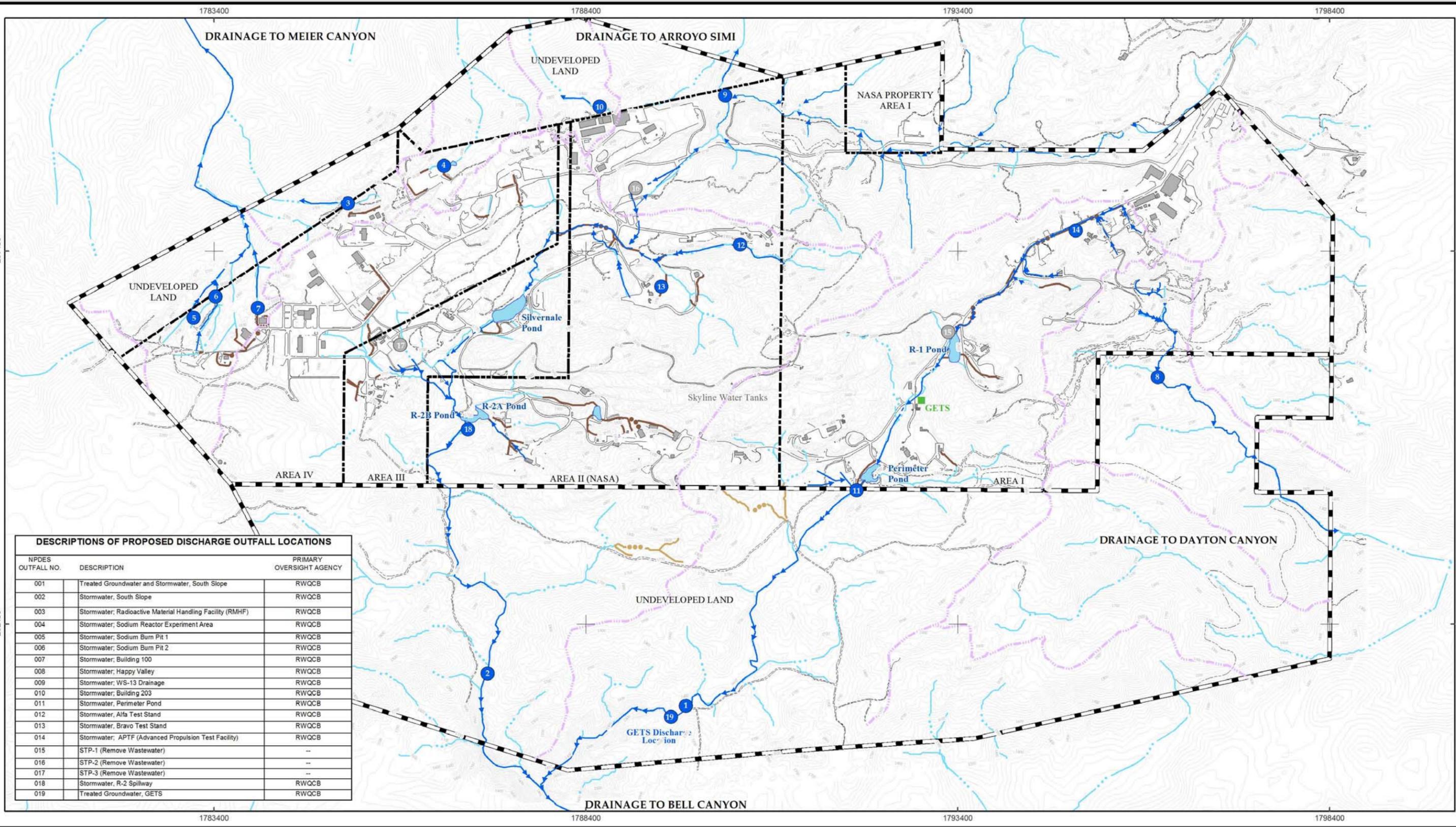


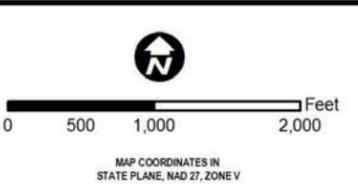
FIGURE 1

STORMWATER DRAINAGE SYSTEM AND
OUTFALL LOCATIONS



DESCRIPTIONS OF PROPOSED DISCHARGE OUTFALL LOCATIONS

NPDES OUTFALL NO.	DESCRIPTION	PRIMARY OVERSIGHT AGENCY
001	Treated Groundwater and Stormwater, South Slope	RWQCB
002	Stormwater, South Slope	RWQCB
003	Stormwater; Radioactive Material Handling Facility (RMHF)	RWQCB
004	Stormwater; Sodium Reactor Experiment Area	RWQCB
005	Stormwater; Sodium Burn Pit 1	RWQCB
006	Stormwater; Sodium Burn Pit 2	RWQCB
007	Stormwater; Building 100	RWQCB
008	Stormwater; Happy Valley	RWQCB
009	Stormwater; WS-13 Drainage	RWQCB
010	Stormwater; Building 203	RWQCB
011	Stormwater, Perimeter Pond	RWQCB
012	Stormwater, Alfa Test Stand	RWQCB
013	Stormwater, Bravo Test Stand	RWQCB
014	Stormwater; APTF (Advanced Propulsion Test Facility)	RWQCB
015	STP-1 (Remove Wastewater)	--
016	STP-2 (Remove Wastewater)	--
017	STP-3 (Remove Wastewater)	--
018	Stormwater, R-2 Spillway	RWQCB
019	Treated Groundwater, GETS	RWQCB



Legend

- NPDES Outfalls (RWQCB Primary Oversight Authority)
- Historical NPDES Outfalls
- Groundwater Extraction Treatment System (GETS)
- Surface Water Reclamation Ponds
- Effluent Pathways
- Surface Water Drainage Divide
- Natural Drainage
- Concrete Lined Drainage
- Graded Drainage

Base Map Legend

- SSFL Property Boundary
- Administrative Area Boundary
- Ground Elevation Contours
- Drainage Pathways
- A/C Curbing
- Dirt Road
- Existing Building or Structure

2012 Annual Discharge Monitoring Report

Site Map with Outfall Locations and Storm Water Drainage Systems

Date: February 18, 2013
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FIGURE 1

FIGURE 2

ISRA SITE LOCATION FIGURE

ISRA Site Location Map

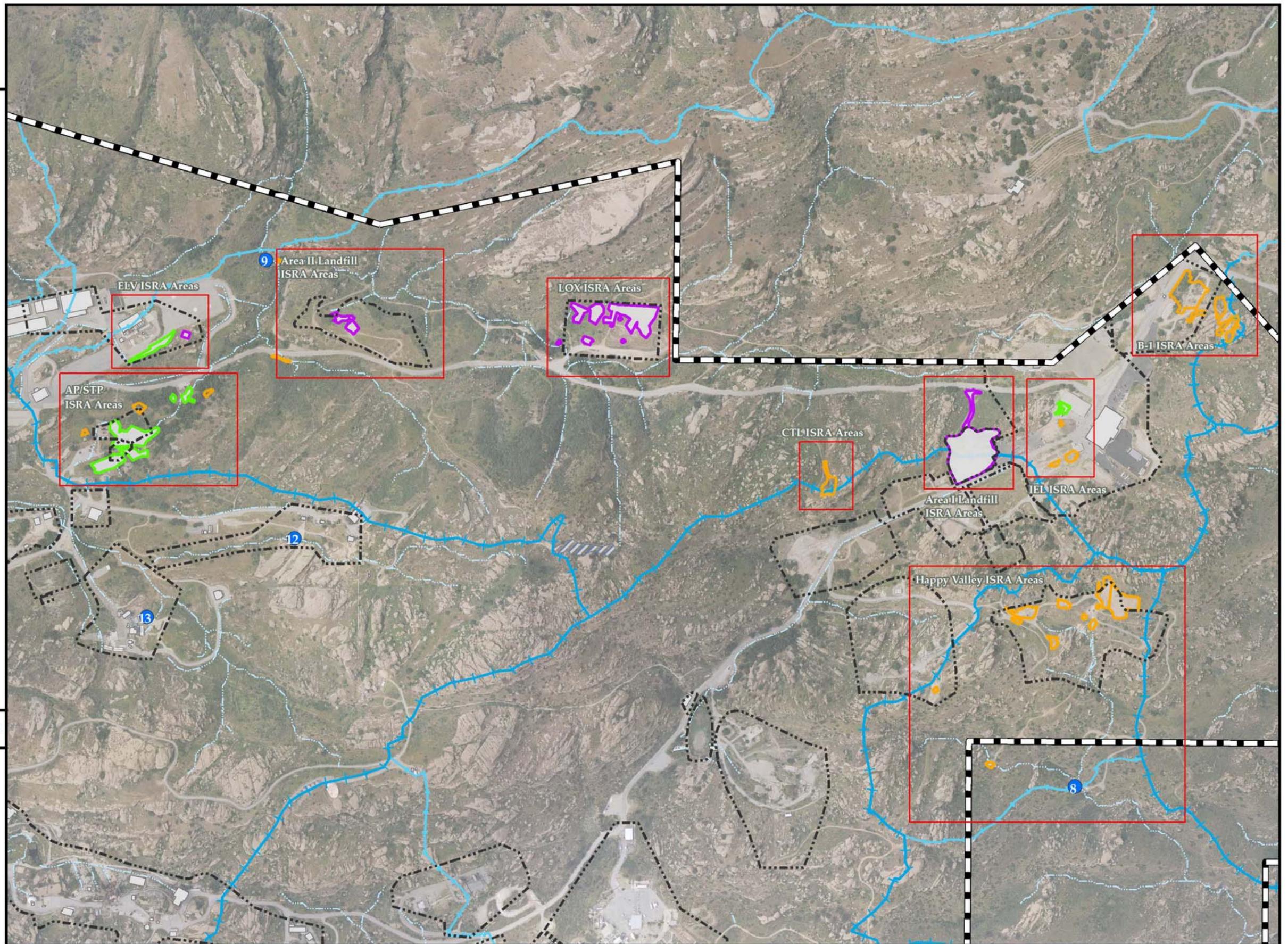
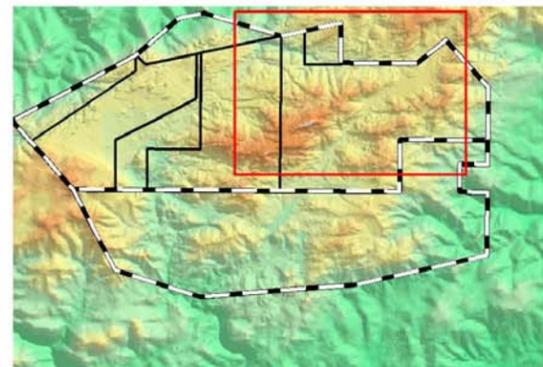
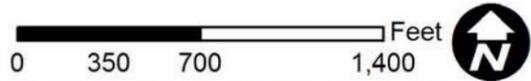
Base Map Legend

-  Administrative Area Boundary
-  RFI Site Boundary
-  ISRA Completed Excavation Area
-  Planned ISRA Excavation Area
-  ISRA Area with Remediation In-Progress
-  ISRA Soil Borrow Area
-  Existing Building or Structure
-  Major Surface Water Divide
-  Minor Surface Water Divide
-  Surface Water Drainage
-  NPDES Outfall

CTL - Component Testing Lab
 LOX - Liquid Oxygen
 ELV - Expandable Launch Vehicle
 IEL - Instrument and Equipment Lab
 AP/STP - Ashpile / Sewage Treatment Plant

Aerial imagery from 2010 Sage Consulting.

Date: February 18, 2013



SANTA SUSANA FIELD LABORATORY

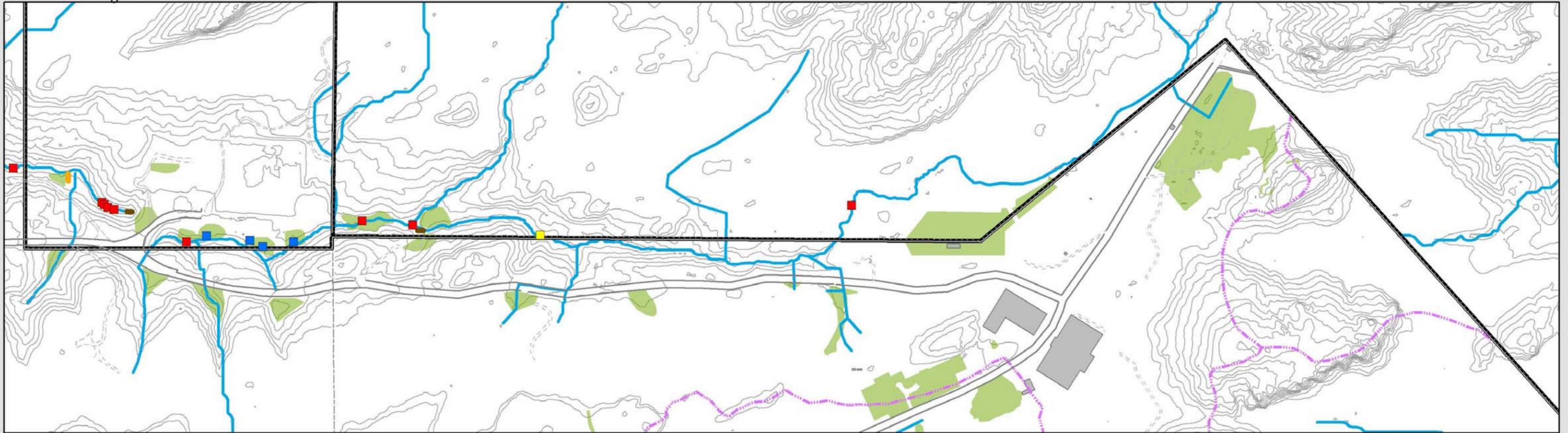
2012 Annual Discharge
Monitoring Report

 **MWH** FIGURE 2

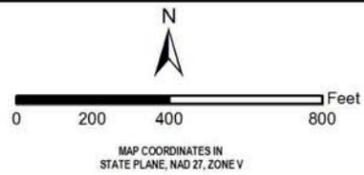
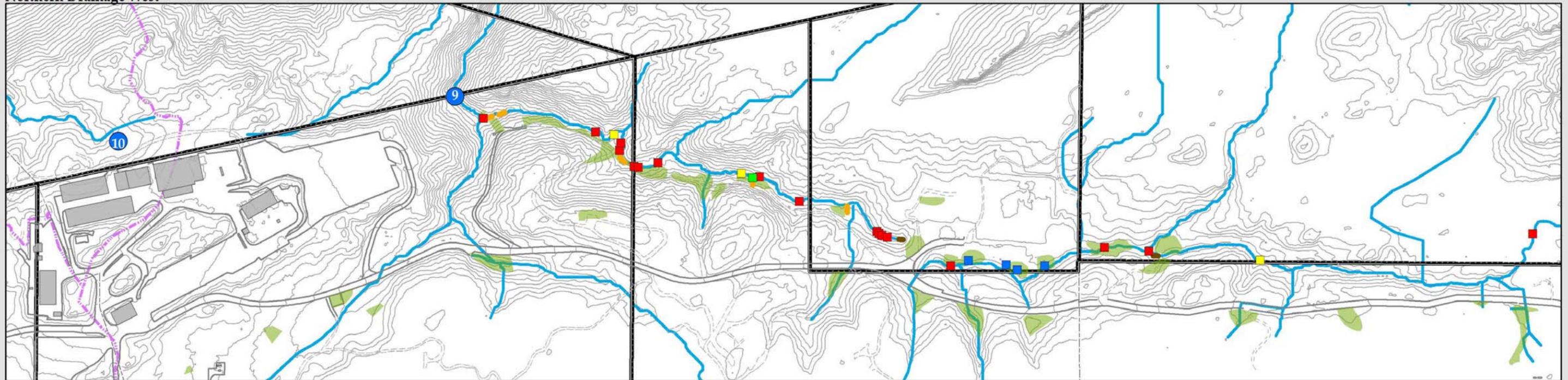
FIGURE 3

RMMP LOCATION FIGURE

Northern Drainage East



Northern Drainage West



RMMP - Restoration Mitigation Monitoring Plan

- Check Structure - Mostly natural sandstone, some rip rap
- Check Structure - Rip Rap
- Check Structure - Vegetated rip rap
- Slope drain with underlying check structure and energy dissipating gravel at influent end

- Energy dissipating rip rap; no gravel no vegetation
- Geo-Cell with gravel
- Grouted and vegetated rip rap energy dissipater
- NPDES Outfalls (RWQCB Primary Oversight Authority)
- Hydroseed

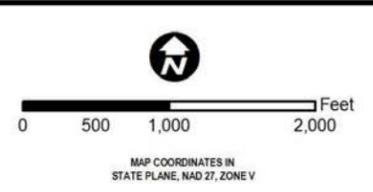
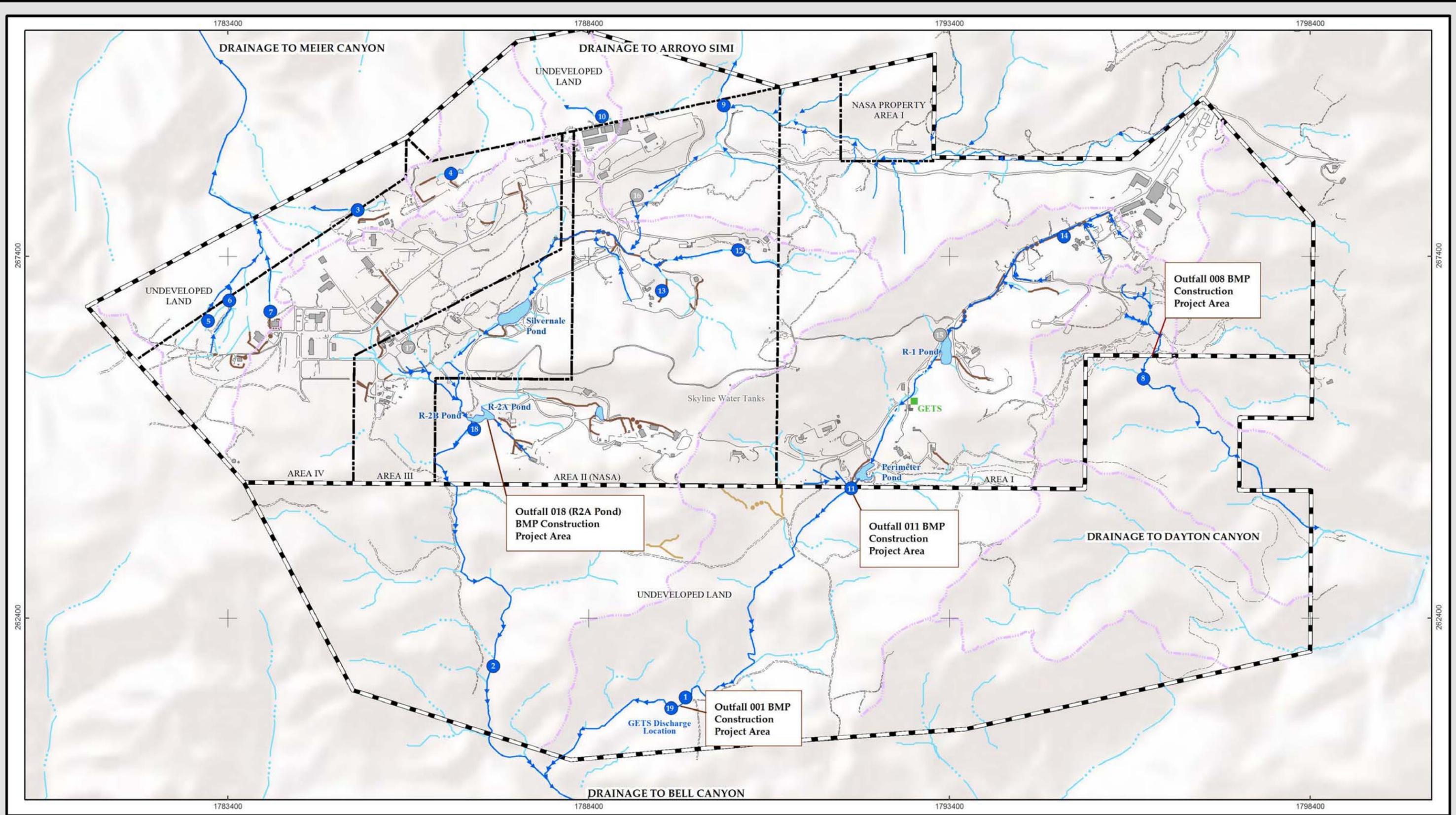
- - - - - Surface Divide
- Drainage
- Site Areas
- RFI Groups
- Existing Structure
- Dirt Road
- Paved Road
- Unpaved trail
- 10 ft Contours

Northern Drainage
RMMP Location Figure
2012 Annual Discharge Monitoring Report

Date: February 15, 2013
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FIGURE 4

BMP CONSTRUCTION PROJECT AREA LOCATIONS



Legend	
● NPDES Outfalls (RWQCB Primary Oversight Authority)	→ Effluent Pathways
● Historical NPDES Outfalls	--- Surface Water Drainage Divide
■ Groundwater Extraction Treatment System (GETS)	--- Natural Drainage
■ Surface Water Reclamation Ponds	--- Concrete Lined Drainage
	--- Graded Drainage

2012 Annual Discharge Monitoring Report

Base Map Legend	
	SSFL Property Boundary
	Administrative Area Boundary
	Ground Elevation Contours
	Drainage Pathways
	A/C Curbing
	Dirt Road
	Existing Building or Structure

Sitemap with 401C permit BMP Project Locations

Date: February 18, 2013
 File: \\Upas101\del\rockodyne_gis\MasterGISFiles\SiteWideProjects\NPDES\NPDES_StorageWaterDrainage_420812.mxd

	FIGURE 4
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