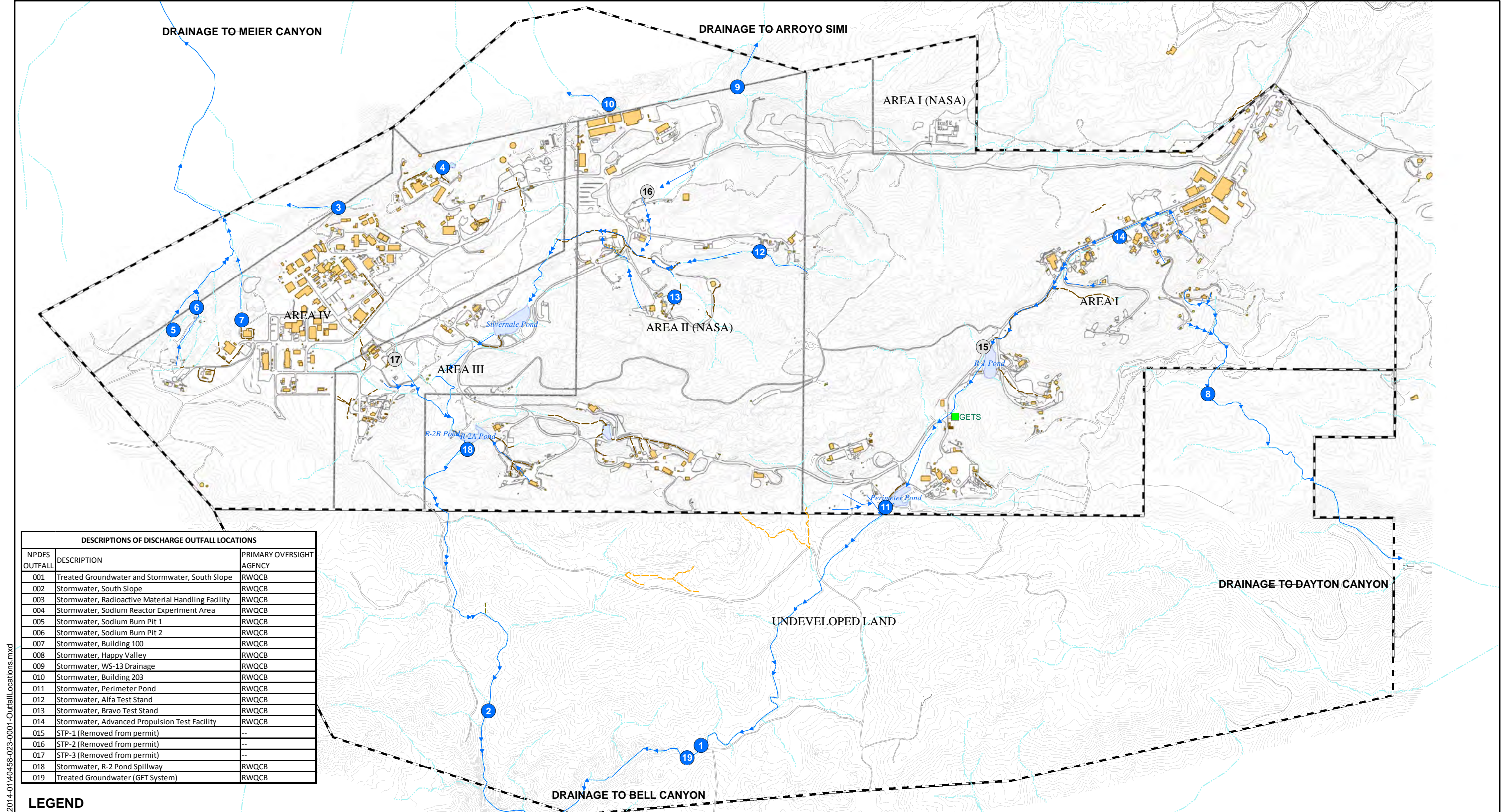


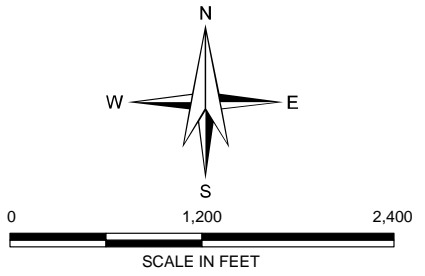
## **FIGURES**



DESCRIPTIONS OF DISCHARGE OUTFALL LOCATIONS		
NPDES OUTFALL	DESCRIPTION	PRIMARY OVERSIGHT AGENCY
001	Treated Groundwater and Stormwater, South Slope	RWQCB
002	Stormwater, South Slope	RWQCB
003	Stormwater, Radioactive Material Handling Facility	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, Advanced Propulsion Test Facility	RWQCB
015	STP-1 (Removed from permit)	--
016	STP-2 (Removed from permit)	--
017	STP-3 (Removed from permit)	--
018	Stormwater, R-2 Pond Spillway	RWQCB
019	Treated Groundwater (GET System)	RWQCB

**LEGEND**

- NPDES OUTFALL
- FORMER NPDES OUTFALL
- GROUNDWATER EXTRACTION TREATMENT SYSTEM (GETS)
- EFFLUENT PATHWAY
- DIRT ROAD
- PAVED ROAD
- DRAINAGE**
- CONCRETE LINED
- DISTURBED
- GRADED
- NATURAL
- BUILDING/STRUCTURE FOOTPRINT
- SSFL PROPERTY BOUNDARY
- ADMINISTRATIVE AREA BOUNDARY
- SURFACE WATER POND
- ELEVATION CONTOUR



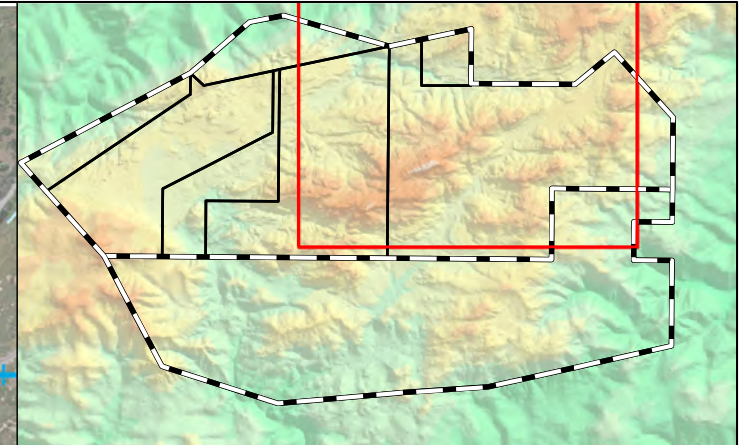
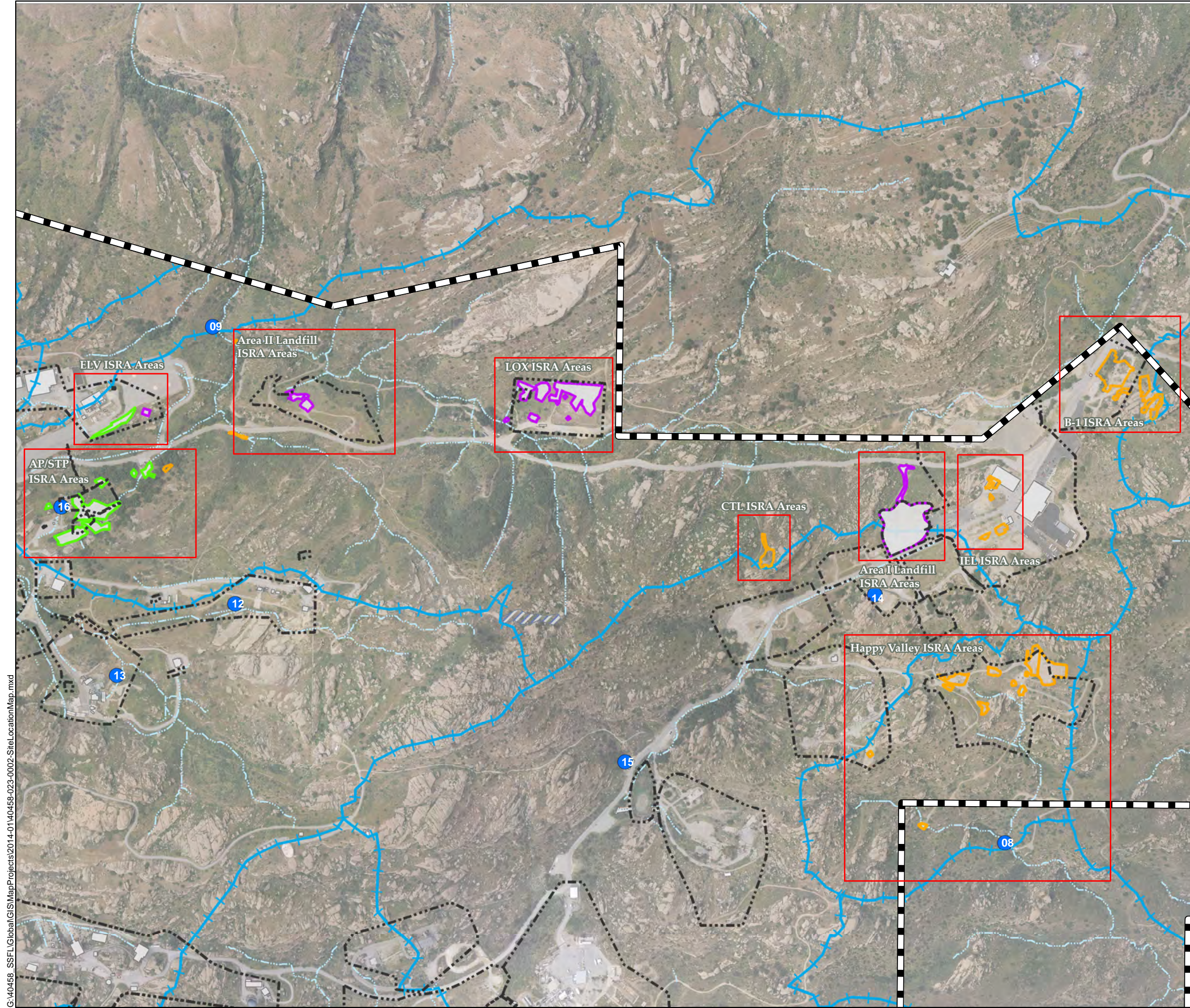
**HALEY & ALDRICH** NPDES PERMIT COMPLIANCE  
 2013 ANNUAL DISCHARGE MONITORING REPORT  
 SANTA SUSANA FIELD LABORATORY  
 VENTURA COUNTY, CALIFORNIA

**SITE MAP WITH OUTFALL LOCATIONS AND STORM WATER DRAINAGES**

SCALE: AS SHOWN  
 FEBRUARY 2014

**FIGURE 1**

G:\40458\_SSFL\GIS\MapProjects\2014-01\40458-023-0001-OutfallLocations.mxd

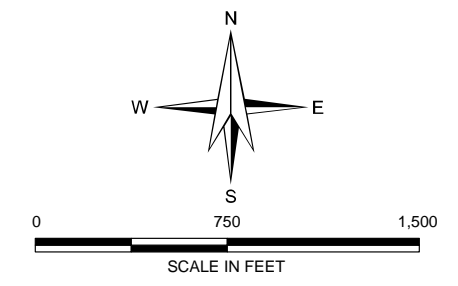


**LEGEND**

- 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

**NOTES:**

1. ALL LOCATIONS AND DIMENSIONS ARE APPROXIMATE.
- CTL - COMPONENT TESTING LAB  
 LOX - LIQUID OXYGEN  
 ELV - EXPANDABLE LAUNCH VEHICLE  
 IEL - INSTRUMENT AND EQUIPMENT LAB  
 AP/STP - ASHPILE / SEWAGE TREATMENT PLANT



**HALEY & ALDRICH** STORM WATER POLLUTION PLAN  
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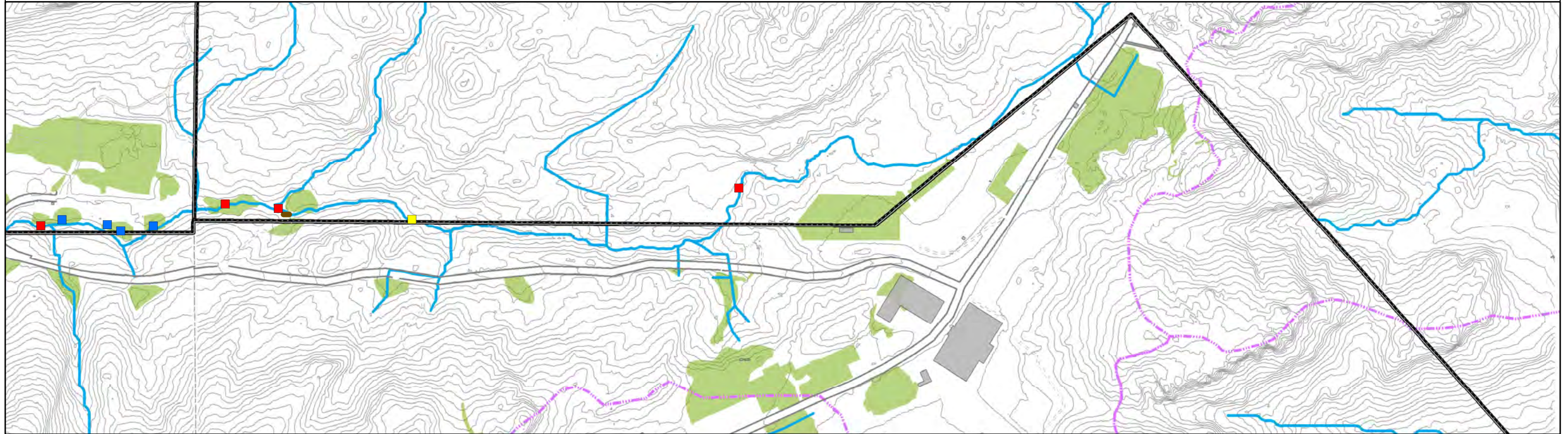
**ISRA SITE LOCATION MAP**

SCALE: AS SHOWN  
 FEBRUARY 2014

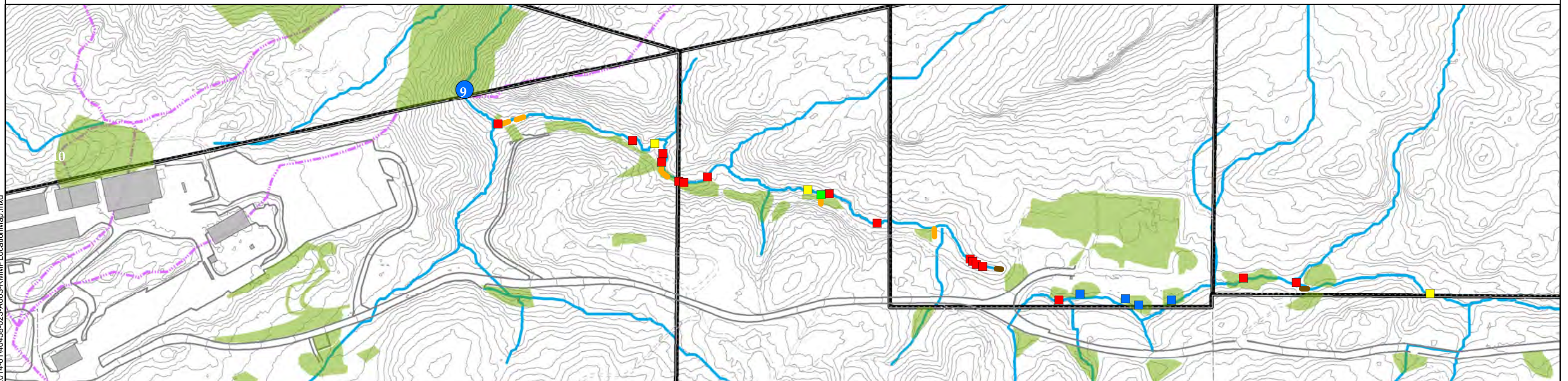
**FIGURE 2**

G:\40458\_SSFL\GIS\MapProjects\2014-01\40458-023-0002-SitelocationMap.mxd

NORTHERN DRAINAGE EAST

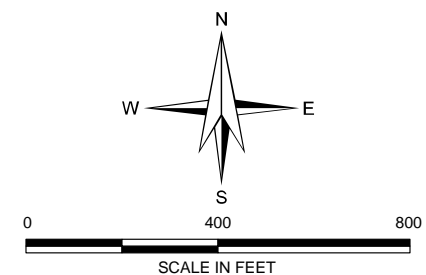


NORTHERN DRAINAGE WEST



**LEGEND**  
**RMMP - RESTORATION MITIGATION MONITORING PLAN**

- |   |   |                |                    |
|---|---|----------------|--------------------|
| CHECK STRUCTURE - MOSTLY NATURAL SANDSTONE, SOME RIP RAP                                  | ENERGY DISSIPATING RIP RAP; NO GRAVEL NO VEGETATION | SURFACE DIVIDE | EXISTING STRUCTURE |
| CHECK STRUCTURE - RIP RAP   | GEO-CELL WITH GRAVEL                                | DRAINAGE       | DIRT ROAD          |
| CHECK STRUCTURE - VEGETATED RIP RAP   | GROUTED AND VEGETATED RIP RAP ENERGY DISSIPATER     | SITE AREAS     | PAVED ROAD         |
| SLOPE DRAIN WITH UNDERLYING CHECK STRUCTURE AND ENERGY DISSIPATING GRAVEL AT INFLUENT END | NPDES OUTFALLS (RWQCB PRIMARY OVERSIGHT AUTHORITY)  | RFI GROUPS     | UNPAVED TRAIL      |
| HYDROSEED   | 10 FT CONTOURS                                      |                |                    |



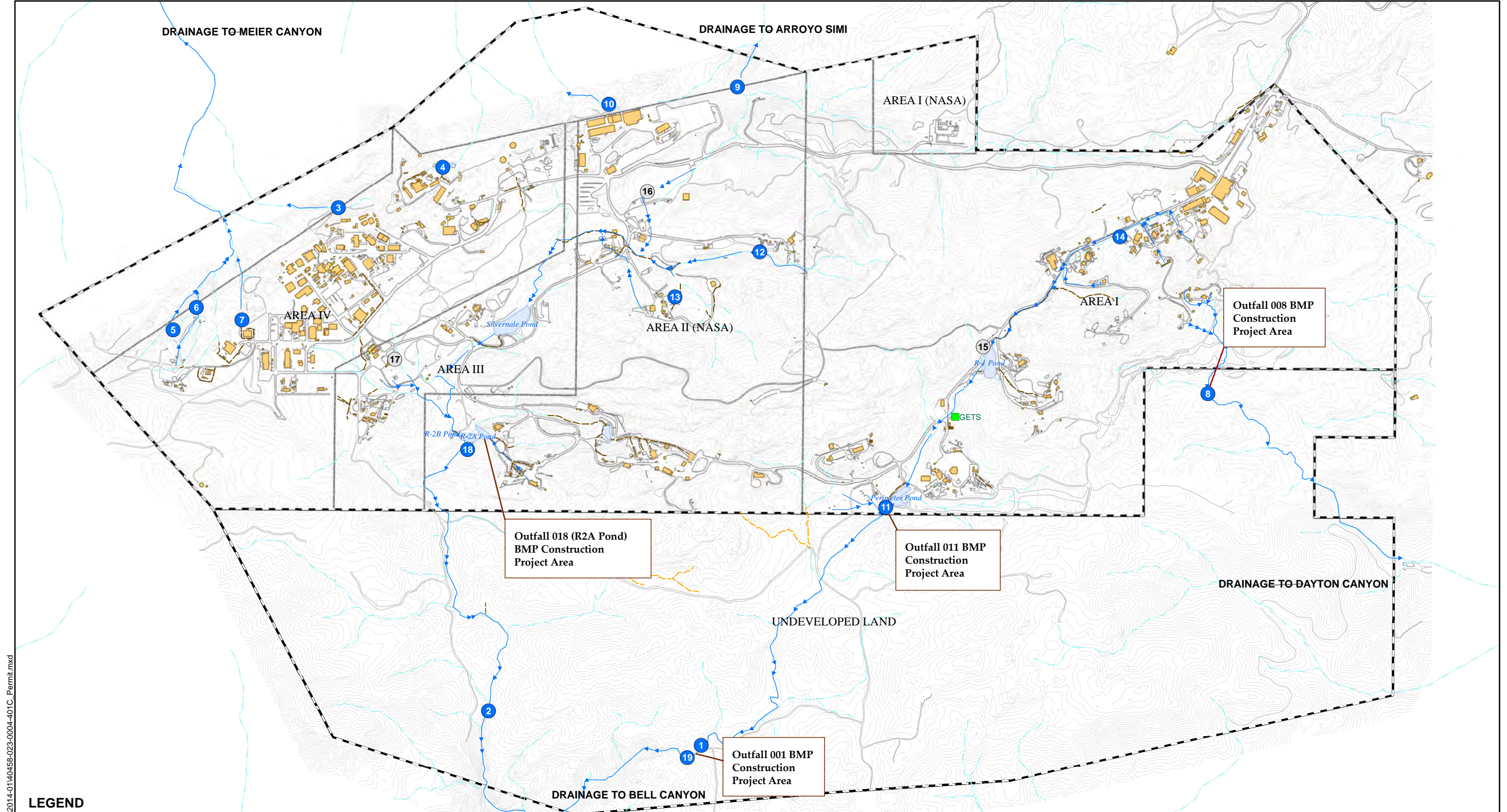
**HALEY & ALDRICH** NPDES PERMIT COMPLIANCE  
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VENTURA COUNTY, CALIFORNIA

**NORTHERN DRAINAGE RMMP LOCATIONS MAP**

SCALE: AS SHOWN  
FEBRUARY 2014

FIGURE 3

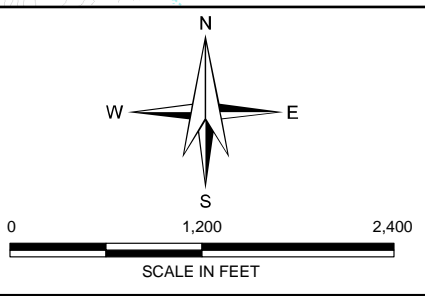
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G:\40458\_SSFL\GIS\MapProjects\2014-01\40458-023-0004-401C\_Permit.mxd

**LEGEND**

- |  |                 |                              |
|--|-----------------|------------------------------|
| NPDES OUTFALL                                  | PAVED ROAD      | ELEVATION CONTOUR            |
| FORMER NPDES OUTFALL                           | <b>DRAINAGE</b> | BUILDING/STRUCTURE FOOTPRINT |
| GROUNDWATER EXTRACTION TREATMENT SYSTEM (GETS) | CONCRETE LINED  | SSFL PROPERTY BOUNDARY       |
| EFFLUENT PATHWAY                               | DISTURBED       | ADMINISTRATIVE AREA BOUNDARY |
| DIRT ROAD                                      | GRADED          | SURFACE WATER POND           |
|  | NATURAL         |                              |



**HALEY & ALDRICH** NPDES PERMIT COMPLIANCE  
2013 ANNUAL DISCHARGE MONITORING REPORT  
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VENTURA COUNTY, CALIFORNIA

**SITE MAP WITH 401C PERMIT  
BMP PROJECT LOCATIONS**

SCALE: AS SHOWN  
FEBRUARY 2014

**FIGURE 4**