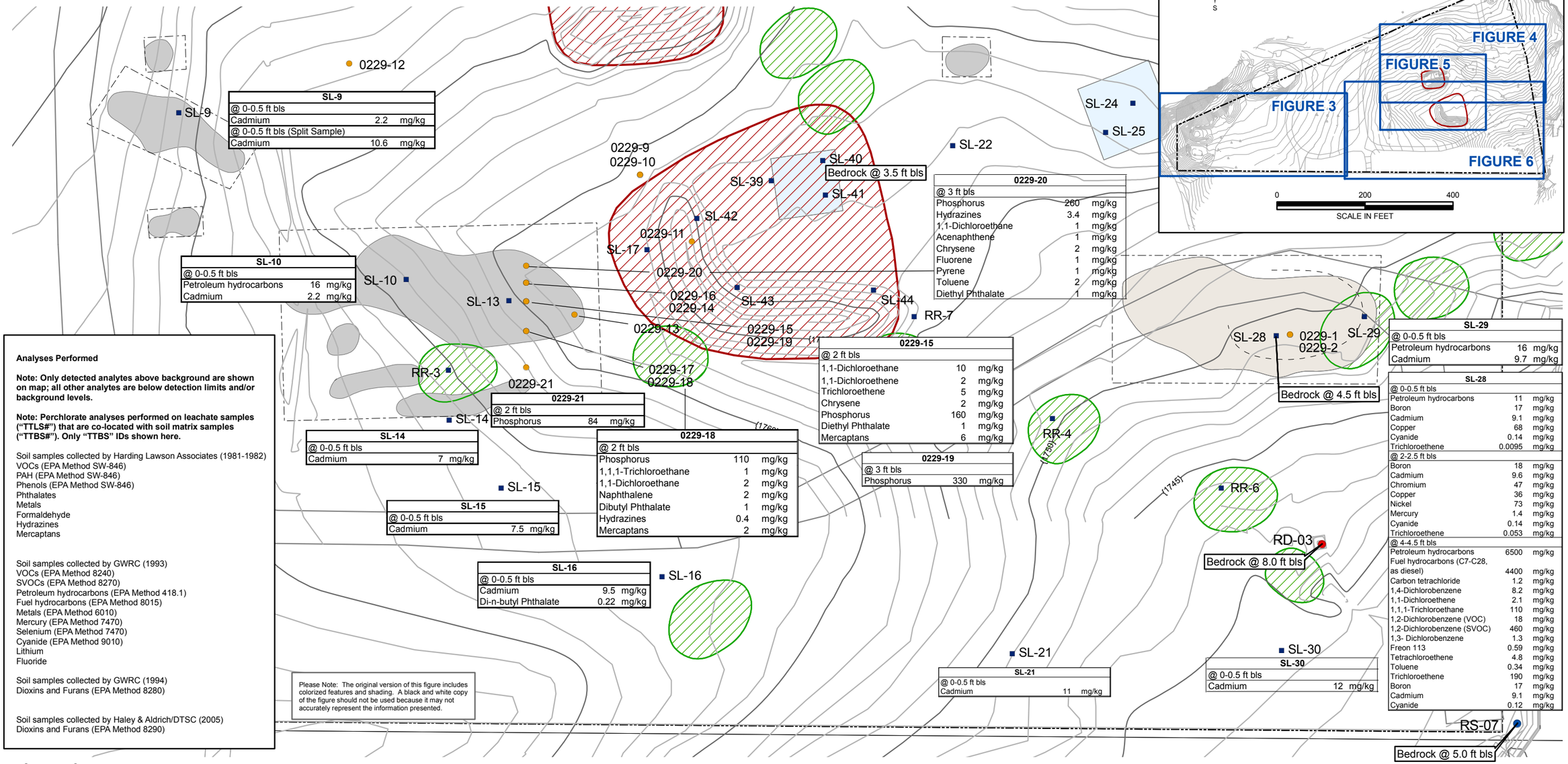

SL-9		
@ 0-0.5 ft bls		
Cadmium	2.2	mg/kg
@ 0-0.5 ft bls (Split Sample)		
Cadmium	10.6	mg/kg

SL-10		
@ 0-0.5 ft bls		
Petroleum hydrocarbons	16	mg/kg
Cadmium	2.2	mg/kg

0229-21		
@ 2 ft bls		
Phosphorus	84	mg/kg

SL-14		
@ 0-0.5 ft bls		
Cadmium	7	mg/kg

SL-15		
@ 0-0.5 ft bls		
Cadmium	7.5	mg/kg

0229-18		
@ 2 ft bls		
Phosphorus	110	mg/kg
1,1,1-Trichloroethane	1	mg/kg
1,1-Dichloroethane	2	mg/kg
Naphthalene	2	mg/kg
Dibutyl Phthalate	1	mg/kg
Hydrazines	0.4	mg/kg
Mercaptans	2	mg/kg

SL-16		
@ 0-0.5 ft bls		
Cadmium	9.5	mg/kg
Di-n-butyl Phthalate	0.22	mg/kg

0229-20		
@ 3 ft bls		
Phosphorus	260	mg/kg
Hydrazines	3.4	mg/kg
1,1-Dichloroethane	1	mg/kg
Acenaphthene	1	mg/kg
Chrysene	2	mg/kg
Fluorene	1	mg/kg
Pyrene	1	mg/kg
Toluene	2	mg/kg
Diethyl Phthalate	1	mg/kg

0229-15		
@ 2 ft bls		
1,1-Dichloroethane	10	mg/kg
1,1-Dichloroethene	2	mg/kg
Trichloroethene	5	mg/kg
Chrysene	2	mg/kg
Phosphorus	160	mg/kg
Diethyl Phthalate	1	mg/kg
Mercaptans	6	mg/kg

0229-19		
@ 3 ft bls		
Phosphorus	330	mg/kg

SL-21		
@ 0-0.5 ft bls		
Cadmium	11	mg/kg

SL-30		
@ 0-0.5 ft bls		
Cadmium	12	mg/kg

SL-29		
@ 0-0.5 ft bls		
Petroleum hydrocarbons	16	mg/kg
Cadmium	9.7	mg/kg

SL-28		
@ 0-0.5 ft bls		
Petroleum hydrocarbons	11	mg/kg
Boron	17	mg/kg
Cadmium	9.1	mg/kg
Copper	68	mg/kg
Cyanide	0.14	mg/kg
Trichloroethene	0.0095	mg/kg
@ 2-2.5 ft bls		
Boron	18	mg/kg
Cadmium	9.6	mg/kg
Chromium	47	mg/kg
Copper	36	mg/kg
Nickel	73	mg/kg
Mercury	1.4	mg/kg
Cyanide	0.14	mg/kg
Trichloroethene	0.053	mg/kg
@ 4-4.5 ft bls		
Petroleum hydrocarbons	6500	mg/kg
Fuel hydrocarbons (C7-C28, as diesel)	4400	mg/kg
Carbon tetrachloride	1.2	mg/kg
1,4-Dichlorobenzene	8.2	mg/kg
1,1-Dichloroethene	2.1	mg/kg
1,1,1-Trichloroethane	110	mg/kg
1,2-Dichlorobenzene (VOC)	18	mg/kg
1,2-Dichlorobenzene (SVOC)	460	mg/kg
1,3- Dichlorobenzene	1.3	mg/kg
Freon 113	0.59	mg/kg
Tetrachloroethene	4.8	mg/kg
Toluene	0.34	mg/kg
Trichloroethene	190	mg/kg
Boron	17	mg/kg
Cadmium	9.1	mg/kg
Cyanide	0.12	mg/kg

Analyses Performed

Note: Only detected analytes above background are shown on map; all other analytes are below detection limits and/or background levels.

Note: Perchlorate analyses performed on leachate samples ("TTLS#") that are co-located with soil matrix samples ("TTBS#"). Only "TTBS" IDs shown here.

Soil samples collected by Harding Lawson Associates (1981-1982)
VOCs (EPA Method SW-846)
PAH (EPA Method SW-846)
Phenols (EPA Method SW-846)
Phthalates
Metals
Formaldehyde
Hydrazines
Mercaptans

Soil samples collected by GWRC (1993)
VOCs (EPA Method 8240)
SVOCs (EPA Method 8270)
Petroleum hydrocarbons (EPA Method 418.1)
Fuel hydrocarbons (EPA Method 8015)
Metals (EPA Method 6010)
Mercury (EPA Method 7470)
Selenium (EPA Method 7470)
Cyanide (EPA Method 9010)
Lithium
Fluoride

Soil samples collected by GWRC (1994)
Dioxins and Furans (EPA Method 8280)

Soil samples collected by Haley & Aldrich/DTSC (2005)
Dioxins and Furans (EPA Method 8290)

Please Note: The original version of this figure includes colorized features and shading. A black and white copy of the figure should not be used because it may not accurately represent the information presented.

Legend

- Chatsworth Formation Monitoring Well
- Shallow Monitoring Well
- Property Boundary Line
- Streams
- TTF Interim Status Facility (Area addressed in the Interim Status Facility Closure)
- Area of Buried Debris (1981)
- Area of Sediment (1981)
- Excavation Perimeter (1982)
- Approximate Location where Anomalies Identified by ICF Kaiser (1993) were Exhumed
- Former Concrete Ponds/Pads
- Soil Sample Collected by Harding Lawson Associates (1981-1982)
- Soil Sample Collected by GWRC, 1993-1994
- Soil Sample Collected by Haley & Aldrich/DTSC (2005)
- Area I Burn Pit (SWMU 4.8) Boundary
- Earthen Pond

SL-32 Soil ID
@ 0-0.5 bls Depth in Feet bls = Below land surface
Copper 33 mg/kg Analyte Concentration Units

TEQ = Total Equivalent

N W E S

0 30 60
SCALE IN FEET

DRAFT

HALEY & ALDRICH

AIBP SWMU 4.8 RFI WORKPLAN
BOEING SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

HISTORICAL SOIL SAMPLES WITH ELEVATED CONCENTRATIONS OF ANALYTES - SOUTHEAST AREA AREA I BURN PIT - SWMU 4.8

SCALE: AS SHOWN
OCTOBER 2006

FIGURE 6

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