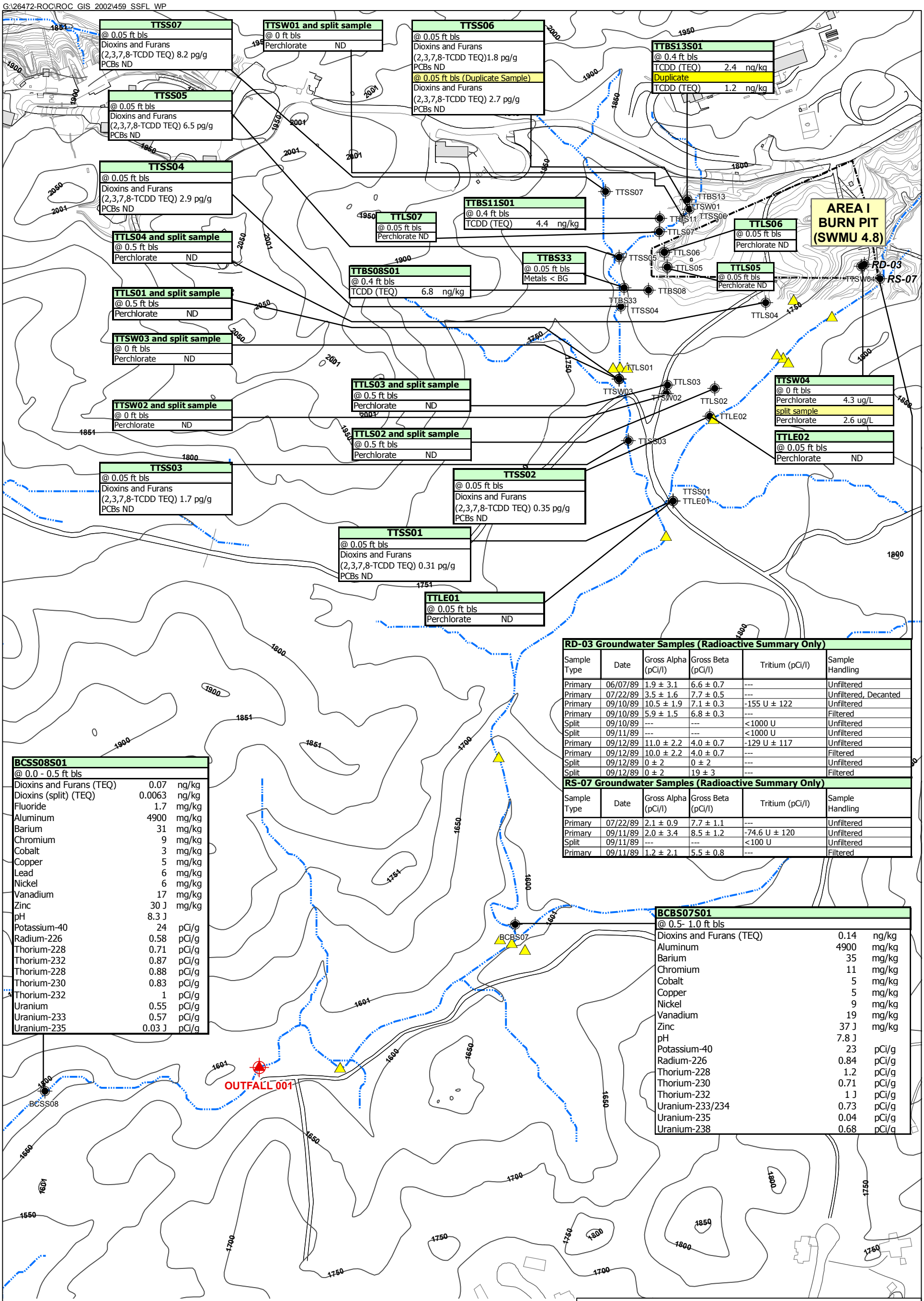
G:\26472-ROC\ROC_GIS_2002\459_SSFL_WP



TTSS07
@ 0.05 ft bls
Dioxins and Furans
(2,3,7,8-TCDD TEQ) 8.2 pg/g
PCBs ND

TTSW01 and split sample
@ 0 ft bls
Perchlorate ND

TTSS06
@ 0.05 ft bls
Dioxins and Furans
(2,3,7,8-TCDD TEQ)1.8 pg/g
PCBs ND
@ 0.05 ft bls (Duplicate Sample)
Dioxins and Furans
(2,3,7,8-TCDD TEQ) 2.7 pg/g
PCBs ND

TTBS13S01
@ 0.4 ft bls
TCDD (TEQ) 2.4 ng/kg
Duplicate
TCDD (TEQ) 1.2 ng/kg

TTSS05
@ 0.05 ft bls
Dioxins and Furans
(2,3,7,8-TCDD TEQ) 6.5 pg/g
PCBs ND

TTSS04
@ 0.05 ft bls
Dioxins and Furans
(2,3,7,8-TCDD TEQ) 2.9 pg/g
PCBs ND

TTLS07
@ 0.05 ft bls
Perchlorate ND

TTBS11S01
@ 0.4 ft bls
TCDD (TEQ) 4.4 ng/kg

TTLS06
@ 0.05 ft bls
Perchlorate ND

TTLS04 and split sample
@ 0.5 ft bls
Perchlorate ND

TTBS33
@ 0.05 ft bls
Metals < BG

TTLS05
@ 0.05 ft bls
Perchlorate ND

TTBS08S01
@ 0.4 ft bls
TCDD (TEQ) 6.8 ng/kg

TTLS01 and split sample
@ 0.5 ft bls
Perchlorate ND

TTSW03 and split sample
@ 0 ft bls
Perchlorate ND

TTLS03 and split sample
@ 0.5 ft bls
Perchlorate ND

TTSW04
@ 0 ft bls
Perchlorate 4.3 ug/L
split sample
Perchlorate 2.6 ug/L

TTSW02 and split sample
@ 0 ft bls
Perchlorate ND

TTLS02 and split sample
@ 0.5 ft bls
Perchlorate ND

TTLE02
@ 0.05 ft bls
Perchlorate ND

TTSS03
@ 0.05 ft bls
Dioxins and Furans
(2,3,7,8-TCDD TEQ) 1.7 pg/g
PCBs ND

TTSS02
@ 0.05 ft bls
Dioxins and Furans
(2,3,7,8-TCDD TEQ) 0.35 pg/g
PCBs ND

TTSS01
@ 0.05 ft bls
Dioxins and Furans
(2,3,7,8-TCDD TEQ) 0.31 pg/g
PCBs ND

TTLE01
@ 0.05 ft bls
Perchlorate ND

RD-03 Groundwater Samples (Radioactive Summary Only)

Sample Type	Date	Gross Alpha (pCi/l)	Gross Beta (pCi/l)	Tritium (pCi/l)	Sample Handling
Primary	06/07/89	1.9 ± 3.1	6.6 ± 0.7	---	Unfiltered
Primary	07/22/89	3.5 ± 1.6	7.7 ± 0.5	---	Unfiltered, Decanted
Primary	09/10/89	10.5 ± 1.9	7.1 ± 0.3	-155 U ± 122	Unfiltered
Primary	09/10/89	5.9 ± 1.5	6.8 ± 0.3	---	Filtered
Split	09/10/89	---	---	<1000 U	Unfiltered
Split	09/11/89	---	---	<1000 U	Unfiltered
Primary	09/12/89	11.0 ± 2.2	4.0 ± 0.7	-129 U ± 117	Unfiltered
Primary	09/12/89	10.0 ± 2.2	4.0 ± 0.7	---	Filtered
Split	09/12/89	0 ± 2	0 ± 2	---	Unfiltered
Split	09/12/89	0 ± 2	19 ± 3	---	Filtered

RS-07 Groundwater Samples (Radioactive Summary Only)

Sample Type	Date	Gross Alpha (pCi/l)	Gross Beta (pCi/l)	Tritium (pCi/l)	Sample Handling
Primary	07/22/89	2.1 ± 0.9	7.7 ± 1.1	---	Unfiltered
Primary	09/11/89	2.0 ± 3.4	8.5 ± 1.2	-74.6 U ± 120	Unfiltered
Split	09/11/89	---	---	<100 U	Unfiltered
Primary	09/11/89	1.2 ± 2.1	5.5 ± 0.8	---	Filtered

BCSS08S01
@ 0.0 - 0.5 ft bls

Dioxins and Furans (TEQ)	0.07	ng/kg
Dioxins (split) (TEQ)	0.0063	ng/kg
Fluoride	1.7	mg/kg
Aluminum	4900	mg/kg
Barium	31	mg/kg
Chromium	9	mg/kg
Cobalt	3	mg/kg
Copper	5	mg/kg
Lead	6	mg/kg
Nickel	6	mg/kg
Vanadium	17	mg/kg
Zinc	30 J	mg/kg
pH	8.3 J	
Potassium-40	24	pCi/g
Radium-226	0.58	pCi/g
Thorium-228	0.71	pCi/g
Thorium-232	0.87	pCi/g
Thorium-228	0.88	pCi/g
Thorium-230	0.83	pCi/g
Thorium-232	1	pCi/g
Uranium	0.55	pCi/g
Uranium-233	0.57	pCi/g
Uranium-235	0.03 J	pCi/g

BCBS07S01
@ 0.5- 1.0 ft bls

Dioxins and Furans (TEQ)	0.14	ng/kg
Aluminum	4900	mg/kg
Barium	35	mg/kg
Chromium	11	mg/kg
Cobalt	5	mg/kg
Copper	5	mg/kg
Nickel	9	mg/kg
Vanadium	19	mg/kg
Zinc	37 J	mg/kg
pH	7.8 J	
Potassium-40	23	pCi/g
Radium-226	0.84	pCi/g
Thorium-228	1.2	pCi/g
Thorium-230	0.71	pCi/g
Thorium-232	1 J	pCi/g
Uranium-233/234	0.73	pCi/g
Uranium-235	0.04	pCi/g
Uranium-238	0.68	pCi/g

Analytical methods* for BCSS08S01, BCBS07S01

Metals	pH
Cr VI	Formaldehyde
TPH	Chloride, nitrate
VOCs	Total sulfide
PCBs	TOC
SVOCs (8270, 8270 SIM)	Gamma-emitting radionuclides
Dioxins and furans	Strontium-90
Perchlorate	Tritium radionuclide
Fluoride	Plutonium radionuclides
Anions	Thorium radionuclides
Energetics	Uranium radionuclides

* Only detected results presented.

EXISTING DRAINAGE AND SEDIMENT SAMPLE

PROPOSED DRAINAGE SEDIMENT SAMPLE

NOTE: SAMPLES BCSS08S01 AND BCBS07S01 REPORTED BY OGDEN (1998)

N W E S

0 400 800
SCALE IN FEET

DRAFT

HALEY & ALDRICH

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

HISTORICAL, RECENT, AND PROPOSED DRAINAGE SAMPLE LOCATIONS AND RESULTS, AREA I BURN PIT SWMU 4.8

SCALE: AS SHOWN
OCTOBER 2006

FIGURE 7