

TABLE 1
TYPICAL ONSITE PERCHLORATE CONCENTRATIONS IN SOILS
FORMER ROCKET AND MISSILE TESTING LOCATIONS

FACILITY	TYPICAL SOIL CONCENTRATIONS (mg/kg) (1)
AEROJET RANCHO CORDOVA, CA.	1.2 mg/kg
BERMITE CORP. VALENCIA, CA.	0.75 mg/kg
ROCKETDYNE SANTA SUSANA, CA.	0.56 mg/kg
LOCKHEED MARTIN RIVERSIDE, CA.	1.4 mg/kg

(1) Typical levels identified at former rocket and missile test facilities from areas with extensive perchlorate usage.

TABLE 2
SUMMARY OF ANALYTICAL RESULTS

SAMPLE	DATE	SAMPLE TYPE	PERCHLORATE (mg/kg) (ppm)		PERCHLORATE STL LABORATORIES (mg/Kg)		VOC's (µg/kg) (ppb)	NITRATE (mg/kg) (ppm)	STRONTIUM (mg/kg) (ppm)
			MWH	ASSOC.	EPA 314.0	EPA 8321m	MWH	ASSOC.	ASSOC.
1-A	5/25/05	G	4,100	-	-	-	<5	-	-
1-B	5/25/05	G	320	-	-	-	<5	-	-
2	5/25/05	G	1,800	-	-	-	<5	-	-
3	5/25/05	G	62,000	-	-	-	<5	-	-
4	5/25/05	G	4000	-	-	-	<5	-	-
4b	5/25/06	G	-	-	(1)	(1)	-	-	-
SS-01	5/27/05	G	<0.04	-	-	-	-	-	-
SS-02	5/27/05	G	<0.04	-	-	-	-	-	-
SS-03	5/27/05	G	1,400	-	-	-	-	-	-
SS-04	6/14/05	G	-	<0.04	-	-	-	-	-
SS-05	6/14/05	G	-	<0.04	-	-	-	-	-
SS-06	6/14/05	G	-	<0.04	-	-	-	-	-
SS-07	6/14/05	G	-	<0.04	-	-	-	-	-
SS-08	7/11/05	G	-	<0.04	-	-	-	-	-
SS-09	7/11/05	G	-	<0.04	-	-	-	-	-
SS10	7/11/05	G	-	<0.04	-	-	-	-	-
SS-11	7/11/05	G	-	<0.04	-	-	-	-	-
SS-12	7/11/05	G	-	<0.04	-	-	-	-	-
SS-13	7/11/05	G	-	<0.04	-	-	-	-	-
2-1-0	6/2/05	G	1,000	4.08	-	-	-	67.2	-
2-1-1	6/2/05	A	4.5	0.148	-	-	-	-	-
2-1-2	6/2/05	D/S	14	0.044	-	-	-	-	-
2-1-3	6/2/05	D/S	<0.04	<0.04	-	-	-	-	-
2-2-0	6/2/05	G	6,000	8.7	-	-	-	21.4	-
2-2-1	6/2/05	A	8.5	0.173	-	-	-	-	-
2-2-2	6/2/05	D/S	<0.04	<0.04	-	-	-	-	-
2-2-3	6/2/05	D/S	<0.04	<0.04	-	-	-	-	-
2-3-0	6/2/05	G	520	0.870	-	-	-	15.1	-
2-3-1	6/2/05	A	6.5	<0.04	-	-	-	-	-
2-3-2	6/2/05	D/S	<0.04	<0.04	-	-	-	-	-
2-3-3	6/2/05	D/S	<0.04	<0.04	-	-	-	-	-
2-4-0	6/2/05	G	<0.04	0.055	-	-	-	10.4	-
2-4-1	6/2/05	A	40	<0.04	-	-	-	-	-
2-4-2	6/2/05	D/S	<0.04	<0.04	-	-	-	-	-
2-4-3	6/2/05	D/S	<0.04	<0.04	-	-	-	-	-
2-5-0	6/3/05	G	<0.04	0.052	-	-	-	-	-
2-5-1	6/3/05	A	<0.04	0.244	-	-	-	-	-
2-5-2	6/3/05	D/S	11	0.060	-	-	-	-	-
2-6-0	6/3/05	G	<0.04	0.346	-	-	-	-	-
2-6-1	6/3/05	A	<0.04	0.082	-	-	-	-	-
2-6-2	6/3/05	D/S	<0.04	99.5	-	-	-	-	32.7
2-7-0	6/3/05	G	<0.04	<0.04	-	-	-	-	-
2-7-1	6/3/05	A	<0.04	<0.04	-	-	-	-	-
2-7-2	6/3/05	D/S	<0.04	<0.04	-	-	-	-	-
2-8-0	6/3/05	G	<0.04	<0.04	-	-	-	-	-
2-8-1	6/3/05	A	<0.04	<0.04	-	-	-	-	-
2-8-2	6/3/05	D/S	<0.04	<0.04	-	-	-	-	-

G = Grab sample
D/S = Drive sample
A = Hand auger
P = Plant samples
PD = Plant debris
(1) = Pending analysis

TABLE 2 (CONT)
SUMMARY OF ANALYTICAL RESULTS

SAMPLE	DATE	SAMPLE TYPE	PERCHLORATE (mg/kg) (ppm)		PERCHLORATE STL LABORATORIES (mg/Kg)		VOC's (µg/kg) (ppb)	NITRATE (mg/kg) (ppm)	STRONTIUM (mg/kg) (ppm)
			MWH	ASSOC.	EPA 314.0	EPA 8321m	MWH	ASSOC.	ASSOC.
3-9-0	6/20/05	G	-	<0.04	-	-	-	44.8	-
3-10-0	6/20/05	G	-	<0.04	-	-	-	16.8	-
3-11-0	6/20/06	G	-	<0.04	-	-	-	47.1	-
3-12-0	6/20/05	G	-	<0.04	-	-	-	42.8	-
3-13-0	6/20/05	G	-	<0.04	-	-	-	35.6	-
4-14-0	7/11/05	G	-	<0.04	-	-	-	-	-
4-15-0	7/11/05	G	-	<0.04	-	-	-	-	-
4-16-0	7/11/05	G	-	<0.04	-	-	-	-	-
4-17-0	7/11/05	G	-	-	(1)	(1)	-	-	-
4-18-0	7/11/05	G	-	-	(1)	(1)	-	-	-
4-19-0	7/11/05	G	-	-	(1)	(1)	-	-	-
4-20-0	7/11/05	G	-	-	(1)	(1)	-	-	-
4-21-0	7/11/05	G	-	<0.04	-	-	-	-	-
P-1	6/20/05	P	-	33	-	-	-	-	-
P-2	6/20/05	P	-	43.9	-	-	-	-	-
P-3	6/20/05	P	-	32.2	-	-	-	-	-
P-4	6/20/05	P	-	57.7	-	-	-	-	4.41
P-4b	6/20/06	P	-	-	(1)	(1)	-	-	-
P-5	6/20/05	P	-	0.24	-	-	-	-	-
P-6	6/20/05	P	-	0.18	-	-	-	-	-
P-7	6/20/05	P	-	0.31	-	-	-	-	-
P-7b	6/20/06	P	-	-	(1)	(1)	-	-	-
P-8	6/20/05	P	-	0.26	-	-	-	-	-
P-9	6/20/05	P	-	0.08	-	-	-	-	-
P-10	6/20/05	P	-	0.05	-	-	-	-	-
PD-1	6/20/05	PD	-	51.6	-	-	-	-	-
PD-2	6/20/05	PD	-	48.3	-	-	-	-	-
PD-3	6/20/05	PD	-	52.8	-	-	-	-	-
PD-4	6/20/05	PD	-	42	-	-	-	-	11.0
PD-5	6/20/05	PD	-	<0.04	-	-	-	-	-
PD-6	6/20/05	PD	-	8.4	-	-	-	-	-
PD-7	6/20/05	PD	-	0.31	-	-	-	-	-
PD-10	6/20/05	PD	-	<0.04	-	-	-	-	-
SW-1	7/19/05	G	-	<0.004	-	-	-	-	-
SEEP-1	7/19/05	G	-	<0.004	-	-	-	-	-

G = Grab sample
D/S = Drive sample
A = Hand auger
P = Plant samples
PD = Plant debris
(1) = Pending analysis

TABLE 3
SUMMARY OF PERCHLORATE DATA BY AREA

CREEK AREA (1)	SAMPLE #	DATE	TYPE	DEPTH (ft)	PERCHLORATE (mg/kg) (ppm)			NITRATE (mg/kg) (ppm)	STRONTIUM mg/Kg (ppm)	NOTES	Sample	Sample	Sample	Sample	Sample
					MKWH	ASSOCIATED	STL				Type S	Type P	Type PD	Type SS	Type W
1	1A	5/25/05	S	0	4,100	-	-	-	-		1	0	0	0	0
	1B	5/25/05	S	0	320	-	-	-	-		1	0	0	0	0
	P-1	6/20/05	P	0	-	33	-	-	-		0	1	0	0	0
	PD-1	6/20/05	PD	0	-	52	-	-	-		0	0	1	0	0
	4-20-0	7/11/05	S	0	-	-	PENDING	-	-		1	0	0	0	0
	4-21-0	7/11/05	S	0	-	<0.04	-	-	-		1	0	0	0	0
	SS-7	6/14/05	SS	0	-	<0.04	-	-	-		0	0	0	1	0
Subtotals:	7										4	1	1	1	0
2	2	5/25/05	S	0	1,800	-	-	-	-		1	0	0	0	0
	2-3-0	6/2/05	S	0	520	0.87	-	15.1	-		1	0	0	0	0
	2-3-1	6/2/05	S	1	6.5	<0.04	-	-	-		1	0	0	0	0
	2-3-2	6/2/05	S	2	<0.04	<0.04	-	-	-		1	0	0	0	0
	2-3-3	6/2/05	S	3	<0.04	<0.04	-	-	-		1	0	0	0	0
	P-2	6/20/05	P	0	-	43.9	-	-	-		0	1	0	0	0
	PD-2	6/20/05	PD	0	-	48.3	-	-	-		0	0	1	0	0
	SS-6	6/14/05	SS	0	-	<0.04	-	-	-		0	0	0	1	0
	4-19-0	7/11/05	S	0	-	-	PENDING	-	-		1	0	0	0	0
	3-12-0	6/20/05	S	0	-	<0.04	-	42.8	-	Collected between area 2 & 3	1	0	0	0	0
Subtotals:	10										7	1	1	1	0
3	3	5/25/05	S	0	62,000	-	-	-	-		1	0	0	0	0
	2-1-0	6/2/05	S	0	1,000	4.08	-	67.2	-		1	0	0	0	0
	2-1-1	6/2/05	S	1	4.5	0.15	-	-	-		1	0	0	0	0
	2-1-2	6/2/05	S	2	14	0.04	-	-	-		1	0	0	0	0
	2-1-3	6/2/05	S	3	<0.04	<0.04	-	-	-		1	0	0	0	0
	P-3	6/20/05	P	0	-	32.2	-	-	-		0	1	0	0	0
	PD-3	6/20/05	PD	0	-	52.8	-	-	-		0	0	1	0	0
	SS-5	6/14/05	SS	0	-	<0.04	-	-	-		0	0	0	1	0
	4-18-0	7/11/05	S	0	-	-	PENDING	-	-		1	0	0	0	0
	3-13-0	6/20/05	S	0	-	<0.04	-	35.6	-	Collected between area 3 & 4	1	0	0	0	0
Subtotals:	10										7	1	1	1	0
4	4	5/25/05	S	0	4,000	-	-	-	-		1	0	0	0	0
	2-2-0	6/2/05	S	0	6,000	8.7	-	21.4	-		1	0	0	0	0
	2-2-1	6/2/05	S	1	8.5	0.17	-	-	-		1	0	0	0	0
	2-2-2	6/2/05	S	2	<0.04	<0.04	-	-	-		1	0	0	0	0
	2-2-3	6/2/05	S	3	<0.04	<0.04	-	-	-		1	0	0	0	0
	P-4	6/20/05	P	0	-	57.7	-	-	-		0	1	0	0	0
	P-4B	7/11/05	P	0	-	-	PENDING	-	-	Collected same area as P-4	0	1	0	0	0
	PD-4	6/20/05	PD	0	-	42	-	-	-		0	0	1	0	0
	3-11	6/20/05	S	0	-	<0.04	-	47	-	Collected west end of area 4	1	0	0	0	0
	4-17-0	7/11/05	S	0	-	-	PENDING	-	-		1	0	0	0	0
	SS-3	5/27/05	SS	0	1,200	-	-	-	-		0	0	0	1	0
	SS-4	6/14/05	SS	0	-	<0.04	-	-	-		0	0	0	1	0
Subtotals:	12										7	2	1	2	0

S = Soil W= Water

P = Plant Leaves

PD = Plant Debris

SS = Surface Soil

TABLE 3 (CONT.)
SUMMARY OF PERCHLORATE DATA BY AREA

CREEK AREA (1)	SAMPLE #	DATE	TYPE	DEPTH (ft)	PERCHLORATE (mg/kg) (ppm)			NITRATE (mg/kg) (ppm)	STRONTIUM mg/Kg (ppm)	NOTES	Sample	Sample	Sample	Sample	Sample
					MKWH	ASSOCIATED	STL				Type S	Type P	Type PD	Type SS	Type W
5	2-4-0	6/2/05	S	0	<0.04	0.055	-	10.4	-		1	0	0	0	0
	2-4-1	6/2/05	S	1	40	<0.04	-	-	-		1	0	0	0	0
	2-4-2	6/2/05	S	2	<0.04	<0.04	-	-	-		1	0	0	0	0
	2-4-3	6/2/05	S	3	<0.04	<0.04	-	-	-		1	0	0	0	0
	P-5	6/20/05	P	0	-	0.24	-	-	-		0	1	0	0	0
	PD-5	6/20/05	PD	0	-	<0.04	-	-	-		0	0	1	0	0
Subtotals:	6										4	1	1	0	0
6	2-5-0	6/3/05	S	0	<0.04	>0.052	-	-	-		1	0	0	0	0
	2-5-1	6/3/05	S	1	<0.04	0.244	-	-	-		1	0	0	0	0
	2-5-2	6/3/05	S	2	11	0.06	-	-	-		1	0	0	0	0
	P-6	6/20/05	P	0	-	0.18	-	-	-		0	1	0	0	0
	PD-6	6/20/05	PD	0	-	8.4	-	-	-		0	0	1	0	0
	2-6-0	6/3/05	S	0	<0.04	0.346	-	-	-		1	0	0	0	0
	2-6-1	6/3/05	S	1	<0.04	0.082	-	-	-		1	0	0	0	0
	2-6-2	6/3/05	S	2	<0.04	99.5	-	-	-		1	0	0	0	0
Subtotals:	8										6	1	1	0	0
7	2-7-0	6/3/05	S	0	<0.04	<0.04	-	-	-		1	0	0	0	0
	2-7-1	6/3/05	S	1	<0.04	<0.04	-	-	-		1	0	0	0	0
	2-7-2	6/3/05	S	2	<0.04	<0.04	-	-	-		1	0	0	0	0
	P-7	6/20/05	P	0	-	0.31	-	-	-		0	1	0	0	0
	P-7B	7/11/05	P	0	-	-	PENDING	-	-	collected same area as P-7	0	1	0	0	0
	PD-7	6/20/05	PD	0	-	NS	-	-	-		0	0	1	0	0
Subtotals:	6										3	2	1	0	0
8	2-8-0	6/3/05	S	0	<0.04	<0.04	-	-	-		1	0	0	0	0
	2-8-1	6/3/05	S	1	<0.04	<0.04	-	-	-		1	0	0	0	0
	2-8-2	6/3/05	S	2	<0.04	<0.04	-	-	-		1	0	0	0	0
	P-8	6/20/05	P	0	-	0.26	-	-	-		0	1	0	0	0
	PD-8	6/20/05	PD	0	-	NS	-	-	-		0	0	1	0	0
Subtotals:	5										3	1	1	0	0
9	3-9-0	6/20/05	S	0	-	<0.04	-	44.8	-		1	0	0	0	0
	P-9	6/20/05	P	0	-	0.08	-	-	-		0	1	0	0	0
Subtotals:	2										1	1	0	0	0
10	3-10-0	6/20/05	S	0	-	<0.04	-	16.8	-		1	0	0	0	0
	P-10	6/20/05	P	0	-	0.05	-	-	-		0	1	0	0	0
	PD-10	6/20/06	P	0	-	-	-	-	-						
Subtotals:	2										1	1	0	0	0
Grading Phase I	SS-1	5/27/05	SS	0	<0.04	<0.04	-	-	-		0	0	0	1	0
	SS-8	7/11/05	SS	0	-	<0.04	-	-	-		0	0	0	1	0
	SS-9	7/11/05	SS	0	-	<0.04	-	-	-		0	0	0	1	0
	SS-10	7/11/05	SS	0	-	<0.04	-	-	-		0	0	0	1	0
Grading Phase II	SS-2	5/27/05	SS	0	<0.04	<0.04	-	-	-		0	0	0	1	0
	SS-11	7/11/05	SS	0	-	<0.04	-	-	-		0	0	0	1	0
	SS-12	7/11/05	SS	0	-	<0.04	-	-	-		0	0	0	1	0
	SS-13	7/11/05	SS	0	-	<0.04	-	-	-		0	0	0	1	0
Surface Water	SW-1	7/19/05	W	-	-	<0.004	-	-	-		0	0	0	0	1
	SEEP 1	7/19/05	W	-	-	<0.004	-	-	-		0	0	0	0	1
Subtotals:	0										0	0	0	8	2

S = Soil

W= Water

P = Plant Leaves

PD = Plant Debris

		ALL	Type S	Type P	Type PD	Type SS	Type W
Totals		76	43	12	8	13	2

TABLE 4
SUMMARY OF LABORATORY ANALYSIS
METALS - EPA METHOD 6010B/7471A

METALS	UNITS	TTLC mg/kg	STLC mg/l	SS-08	SS-09	SS-10	SS-11	SS-12	SS-13	4-14-0	4-15-0	4-16-0	4-21-0
Antimony	mg/kg	500	15	1.78	2.16	2.15	2.34	1.74	2.16	2.49	2.5	2.72	2.32
Arsenic	mg/kg	500	5.0	5.03	5.02	5.05	4.7	4.95	4.79	5.53	4.53	4.97	4.97
Barium	mg/kg	10,000	100	74.2	76.4	65.5	70.8	70.9	71.4	75.7	71.4	76	70.2
Beryllium	mg/kg	75	0.75	0.87	0.876	0.798	0.791	0.773	0.77	0.924	0.844	0.861	0.828
Cadmium	mg/kg	75	1.0	0.294	0.329	0.285	0.304	0.292	0.331	0.383	0.293	0.305	0.317
Chromium +3	mg/kg	2,500	5.0	17.9	18.5	16.3	16.6	16.7	17.7	17.9	17.1	18.6	17.3
Chromium +6	mg/kg	500	5.0	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
Cobalt	mg/kg	8,000	80	6.05	6.25	5.57	5.62	5.58	5.75	5.95	5.78	6.12	5.83
Copper	mg/kg	2,500	25	5.42	6.09	4.63	5.28	5.36	5.67	5.36	5.24	5.27	5.03
Lead	mg/kg	1,000	5.0	14.3	14.5	13.8	14.2	13.3	13.4	14	13.3	14.4	13.9
Molybdenum	mg/kg	3,500	350	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Nickel	mg/kg	2,000	20	12.5	13.1	11.6	11.9	12	12.5	12.7	12	12.6	11.9
Selenium	mg/kg	100	1.0	<1	<1	<1	<1	<1	<1	<1.0	<1	<1	<1
Silver	mg/kg	500	5.0	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Thallium	mg/kg	700	7.0	<1	<1	<1	<1	<1	<1	<1.0	<1	<1	<1
Vanadium	mg/kg	2,400	24	32.4	36.1	27.5	30.8	31.2	32.3	34.2	32	34.1	32.2
Zinc	mg/kg	5,000	250	49.9	54.7	47.2	48	47.7	49.7	52.2	48.2	51.3	48.1
Mercury	mg/kg	20	2.0	<0.14	<0.14	<0.14	<0.14	<0.14	<0.14	<0.14	<0.14	<0.14	<0.14

(1) TOTAL CHROMIUM WAS ANALYZED ASSUMING ALL OF THE CHROMIUM IS PRESENT AS CHROMIUM 6+, ALL OF THE VALUES ARE WELL BELOW REGULATORY LIMITS FOR BOTH TOTAL AND SOLUABLE CHROMIUM 6+.

TABLE 5
SUMMARY OF RADIOLOGICAL SURVEY RESULTS

SAMPLE I.D.	LOCATION	DATE	MICROREM/HOUR
RS-1	Area 1	7/18/2005	< 10
RS-2	Area 2	7/18/2005	< 10
RS-3	Area 3	7/18/2005	< 10
RS-4	Area 4	7/18/2005	< 10
RS-5	Area 5	7/18/2005	< 10
RS-6	Area 6	7/18/2005	< 10
RS-7	Area 7	7/18/2005	< 10
RS-8	Area 8	7/18/2005	< 10
RS-9	Area 9	7/18/2005	< 10
RS-10	Area 10	7/18/2005	< 10
RS-11	Tract 2	7/18/2005	< 10
RS-12	Tract 2	7/18/2005	< 10
RS-13	Tract 2	7/18/2005	< 10
RS-14	Tract 2	7/18/2005	< 10
RS-15	Tract 2	7/19/2005	< 10
RS-16	Tract 2	7/19/2005	< 10
RS-17	Tract 2	7/19/2005	< 10
RS-18	Tract 1	7/19/2005	< 10
RS-19	Tract 1	7/19/2005	< 10
RS-20	Tract 1	7/19/2005	< 10
RS-21	Tract 1	7/19/2005	< 10
RS-22	Tract 1	7/19/2005	< 10
RS-23	Tract 1	7/19/2005	< 10
RS-24	Tract 1	7/19/2005	< 10
RS-25	Tract 1	7/19/2005	< 10
RS-26	S.Road	7/19/2005	< 10
RS-27	S.Road	7/19/2005	< 10
RS-28	S.Road	7/19/2005	< 10