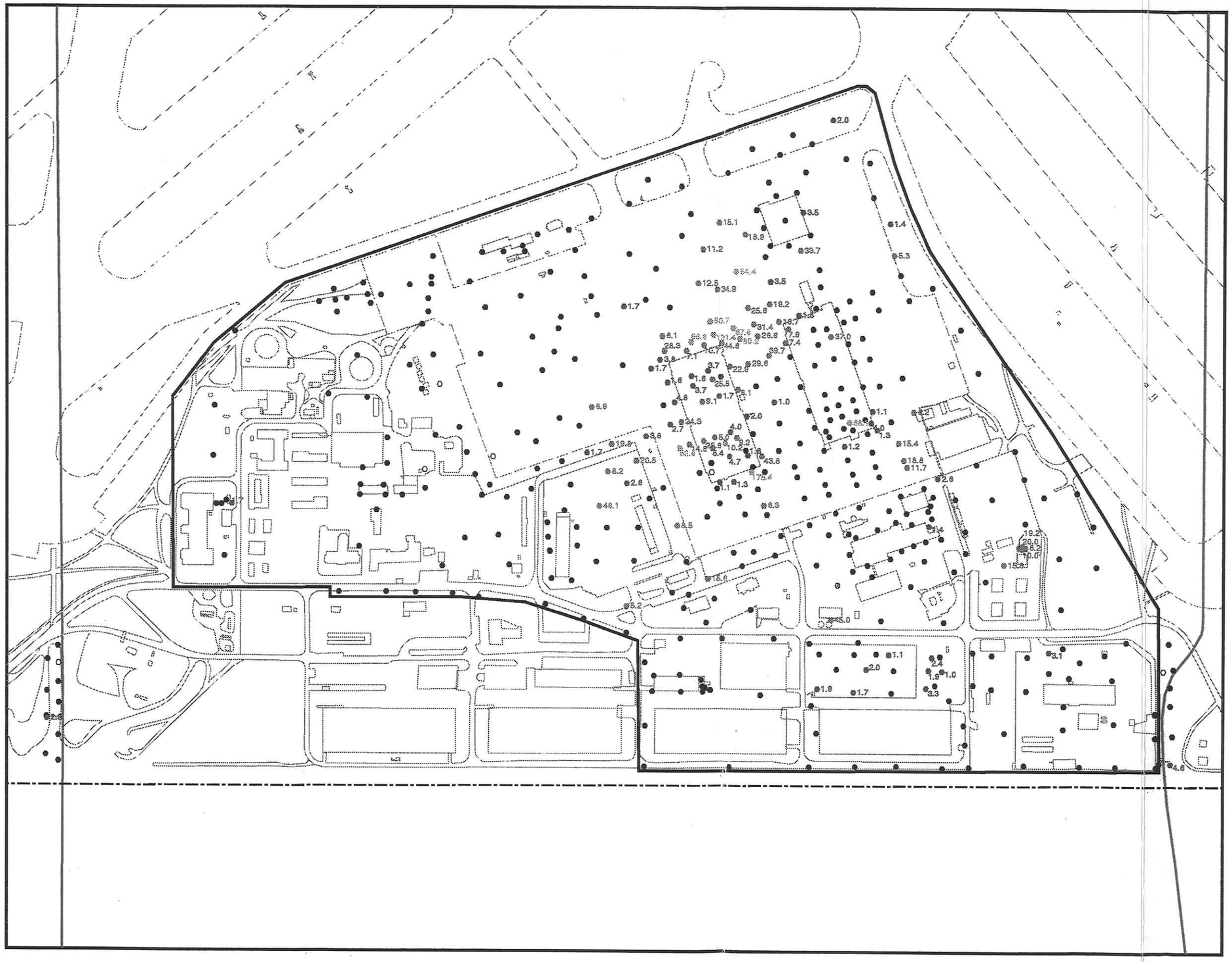
Previous



FEATURES:

- MCAS EL TORO BOUNDARY
- WASH OR STREAM
- SITE 24 BOUNDARY
- LESS THAN 1 ug/l 1,1 DCE
- 1 TO 5 ug/l 1,1 DCE
- 5 TO 50 ug/l 1,1 DCE
- 50 TO 500 ug/l 1,1 DCE
- SOIL GAS MONITORING LOCATION
- 7.0 D CONCENTRATION, DATA FLAG

DATA FLAGS:
U - UNDETECTED
D - DILUTION
B - DETECTED IN LAB BLANK
J - ESTIMATED

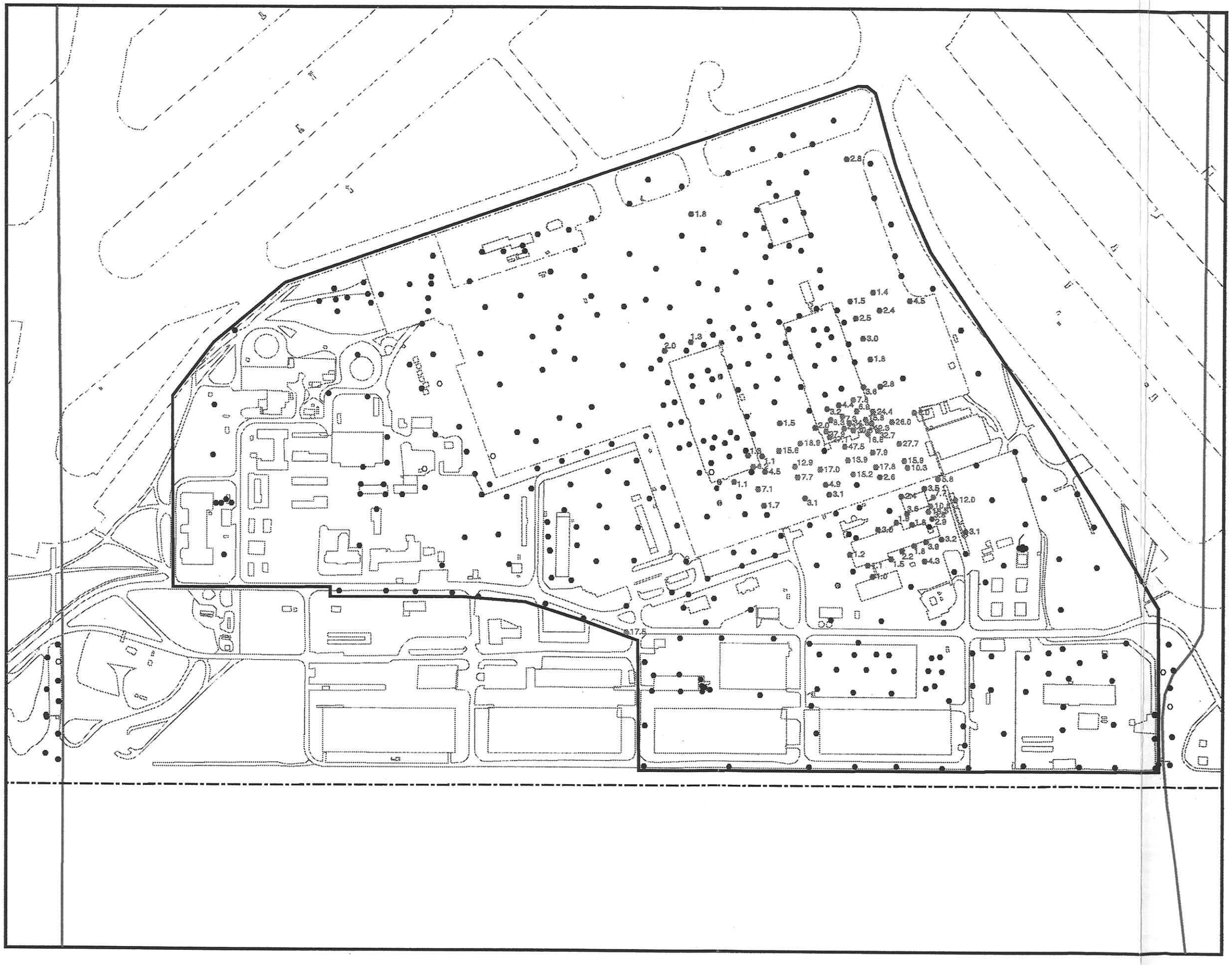
0 225 450 900
SCALE IN FEET

FIGURE C-3

MAXIMUM 1,1 DICHLOROETHYLENE SOIL GAS CONCENTRATIONS AT EACH SAMPLE LOCATION

SOIL GAS MONITORING MAY-JULY 1994
MCAS EL TORO SOIL GAS SURVEY

Plot date: 08 Oct 94 11:40:15 Thursday /gis2/eltoro/plots/soilgas/round2.GIS &arge dic comb 1040 ledger



FEATURES:

- MCAS EL TORO BOUNDARY
- WASH OR STREAM
- SITE 24 BOUNDARY
- LESS THAN 1.0 ug/L TCTFA (FREON-113)
- 1.0 TO 5.0 ug/L TCTFA (FREON-113)
- 5.0 TO 50.0 ug/L TCTFA (FREON-113)
- SOIL GAS MONITORING LOCATION
- 7.0 D
  CONCENTRATION, DATA FLAG

DATA FLAGS:
U - UNDETECTED
D - DILUTION
B - DETECTED IN LAB BLANK
J - ESTIMATED

0 225 450 900
SCALE IN FEET

FIGURE C-4

MAXIMUM TRICHLOROTRIFLUOROETHANE (FREON 113) SOIL GAS CONCENTRATIONS AT EACH SAMPLE LOCATION

SOIL GAS MONITORING MAY-JULY 1994

MCAS EL TORO
SOIL GAS SURVEY

Plot date: 08 Oct 94 11:44:43 Thursday /gis2/eltoro/plots/soilgas/round2.GIS &arge tcffa comb 1040 ledger

FEATURES:

- MCAS EL TORO BOUNDARY
- WASH OR STREAM
- SITE 24 BOUNDARY
- 0.0 TO 1.0 ug/l 1,1-DICHLOROETHANE
- 1.0 TO 5.0 ug/l 1,1-DICHLOROETHANE
- 5.0 TO 50.0 ug/l 1,1-DICHLOROETHANE
- SOIL GAS MONITORING LOCATION
- 7.0 D
  CONCENTRATION, DATA FLAG

DATA FLAGS:
U - UNDETECTED
D - DILUTION
B - DETECTED IN LAB BLANK
J - ESTIMATED

0 225 450 900
SCALE IN FEET

FIGURE C-5

MAXIMUM 1,1-DICHLOROETHANE SOIL GAS CONCENTRATIONS AT EACH SAMPLE LOCATION

SOIL GAS MONITORING MAY-JUNE 1994

MCAS EL TORO SOIL GAS SURVEY

FEATURES:

- MCAS EL TORO BOUNDARY
- WASH OR STREAM
- SITE 24 BOUNDARY
- 0.0 TO 1.0 ug/l 1,1,1-TRICHLOROETHANE
- 1.0 TO 5.0 ug/L 1,1,1-TRICHLOROETHANE
- SOIL GAS MONITORING LOCATION
- 7.0 D
  CONCENTRATION, DATA FLAG

DATA FLAGS:
U - UNDETECTED
D - DILUTION
B - DETECTED IN LAB BLANK
J - ESTIMATED

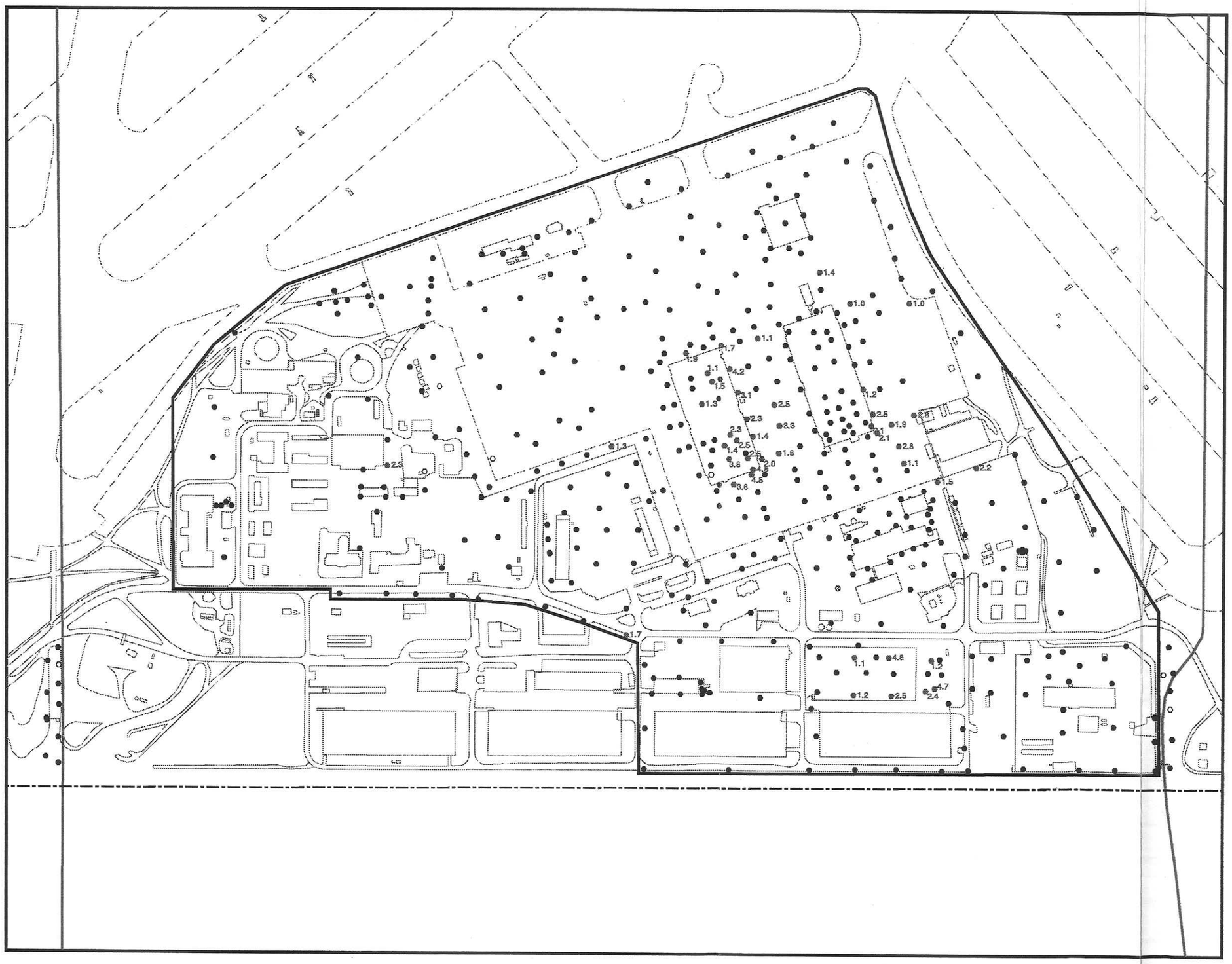
0 225 450 900
SCALE IN FEET

FIGURE C-6

MAXIMUM 1,1,1-TRICHLOROETHANE SOIL GAS CONCENTRATIONS AT EACH SAMPLE LOCATION

SOIL GAS MONITORING MAY-JUNE 1994
MCAS EL TORO SOIL GAS SURVEY

Plot date: 06 Oct 94 16:52:05 Thursday /gis2/eltoro/plots/soilgas/round1.GIS &arge 111tca comb 1040 ledger



FEATURES:

- MCAS EL TORO BOUNDARY
- WASH OR STREAM
- SITE 24 BOUNDARY
- NON-DETECT OR LESS THAN 1.0 ug/L CARBON TETRACHLORIDE
- 1.0 TO 5.0 ug/L CARBON TETRACHLORIDE
- SOIL GAS MONITORING LOCATION
- 7.0 D CONCENTRATION, DATA FLAG

DATA FLAGS:
U - UNDETECTED
D - DILUTION
B - DETECTED IN LAB BLANK
J - ESTIMATED

0 225 450 900
SCALE IN FEET

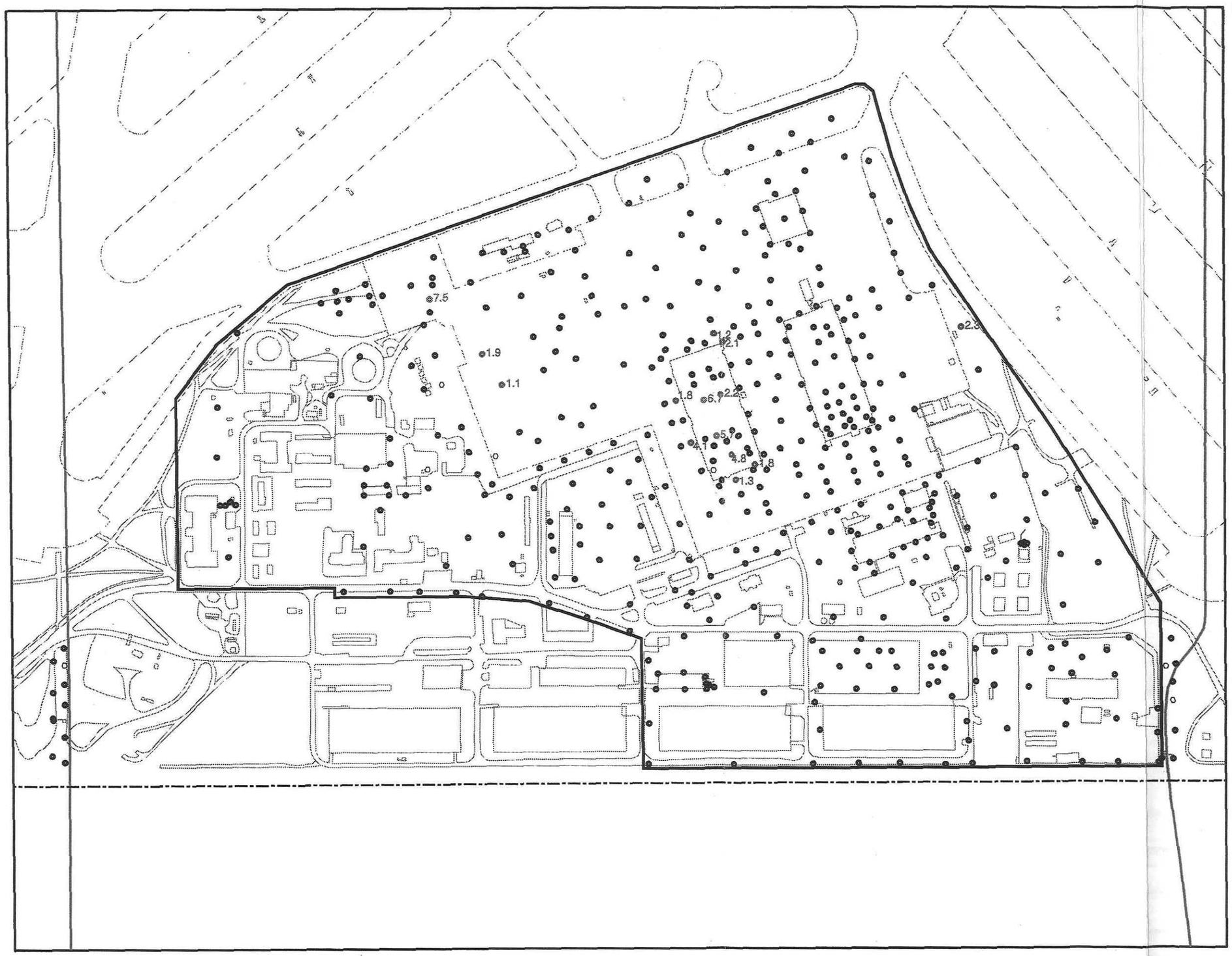
FIGURE C-7

MAXIMUM CARBON TETRACHLORIDE SOIL GAS CONCENTRATIONS AT EACH SAMPLE LOCATION

SOIL GAS MONITORING MAY-JULY 1994

MCAS EL TORO SOIL GAS SURVEY

Plot date: 30 Aug 94 15:15:10 Tuesday /gis2/eltoro/plots/soilgas/round2.GIS &srgs cte comb 1040 ledger



FEATURES:

- MCAS EL TORO BOUNDARY
- WASH OR STREAM
- SITE 24 BOUNDARY
- 0.0 TO 1.0 ug/l CHLOROFORM
- 1.0 TO 5.0 ug/l CHLOROFORM
- 5.0 TO 50.0 ug/l CHLOROFORM
- SOIL GAS MONITORING LOCATION
- 7.0 D
  CONCENTRATION, DATA FLAG

DATA FLAGS:
U - UNDETECTED
D - DILUTION
B - DETECTED IN LAB BLANK
J - ESTIMATED

0 225 450 900
SCALE IN FEET

FIGURE C-8

MAXIMUM CHLOROFORM SOIL GAS CONCENTRATIONS AT EACH SAMPLE LOCATION

SOIL GAS MONITORING MAY-JUNE 1994
MCAS EL TORO SOIL GAS SURVEY

Plot date: 08 Oct 94 16:51:59 Thursday /gis2/eltoro/plots/soilgas/round1.GIS &arge chcl3 comb 1040 ledger

FEATURES:

- MCAS EL TORO BOUNDARY
- WASH OR STREAM
- SITE 24 BOUNDARY
- 0.0 TO 5.0 ug/l VINYL CHLORIDE
- 5.0 TO 50.0 ug/l VINYL CHLORIDE
- SOIL GAS MONITORING LOCATION
- 7.0 D
  CONCENTRATION, DATA FLAG

DATA FLAGS:
U - UNDETECTED
D - DILUTION
B - DETECTED IN LAB BLANK
J - ESTIMATED

0 225 450 900
SCALE IN FEET

FIGURE C-9

MAXIMUM VINYL CHLORIDE SOIL GAS CONCENTRATIONS AT EACH SAMPLE LOCATION

SOIL GAS MONITORING MAY-JUNE 1994
MCAS EL TORO SOIL GAS SURVEY

Plot date: 06 Oct 94 18:04:46 Thursday /gis2/eltoro/plots/soilgas/round1.GIS &args vc comb 1040 ledger

Appendix D-1
VOC CONCENTRATIONS IN SOIL

Table D-1
Concentrations in Soil
MCAS El Toro OU-1 RI Report

STATION_ID	Depth1	Depth2	SAMPLE_ID	SAMPLE_DATE	SAMPLE_TIME	SMPL_TYPE	PRESERVATION METHOD	TETRACHLOROETHENE	TRICHLOROETHYLENE
24_SG317	12	13	S1457317	6/22/94	1100		METHANOL	660 U	660 U
24_SG317	28	29	S1457504	6/22/94	1215		METHANOL	490 U	490 U
24_SG319	12	13	S1457319	6/22/94	1105		METHANOL	830 U	830 U
24_SG323	12	13	S1457323	6/22/94	910		METHANOL	570 U	570 U
24_SG323	28	29	S1457503	6/22/94	1000		METHANOL	490 U	490 U
24_SG326	12	14	S1457326	6/20/94	940		METHANOL	290 U	290 U
24_SG326	28	30	S1457313	6/20/94	1040		METHANOL	12 U	12 U
24_SG326	28	30	S1457500	6/20/94	1940		CAPPED SLEEVE	12 U	11 J
24_SG331	12	14	S1457331	6/20/94	1450		METHANOL	380 U	83 J
24_SG331	12	14	S1457704	6/20/94	1455	DUPLICATE OF S1457331	METHANOL	470 U	59 J
24_SG331	28	29	S1457501	6/20/94	1545		METHANOL	380 U	400
24_SG332	12	14	S1457332	6/20/94	1115		METHANOL	280 U	110 J
24_SG332	28	30	S1457314	6/20/94	1210		METHANOL	300 U	300 U
24_SG335	12	13	S1457335	6/23/94	1055		METHANOL	460 U	81 J
24_SG335	28	29	S1457507	6/23/94	1215		METHANOL	490 U	490 U
24_SG338	12	14	S1457338	6/23/94	1430		METHANOL	490 U	490 U
24_SG338	12	14	S1457508	6/23/94	1435	DUPLICATE OF S1457338	METHANOL	520 U	520 U
24_SG338	12	14	S1457509	6/23/94	1430		CAPPED SLEEVE	12 U	12 U
24_SG338	28	29	S1457510	6/23/94	1615		CAPPED SLEEVE	810 U	810 U
24_SG338	28	29	S1457511	6/23/94	1615		CAPPED SLEEVE	11 U	11 U
24_SG339	12	13	S1457339	6/21/94	1100		METHANOL	400 U	400 U
24_SG339	22.5	23.5	S1457551	6/21/94	1340		METHANOL	520 U	520 U
24_SG345	12	13	S1457345	6/21/94	956		METHANOL	500 U	500 U
24_SG352	12	13	S1457352	6/22/94	1115		METHANOL	410 U	110 J
24_SG366	12	13	S1457366	6/22/94	1020		METHANOL	650 U	650 U
24_SG372	12	13	S1457372	6/22/94	909		METHANOL	370 U	370 U
24_SG373	12	13	S1457373	6/23/94	850		METHANOL	630 U	630 U
24_SG373	28	30	S1457505	6/23/94	1015		METHANOL	590 U	590 U
24_SG373	28	30	S1457506	6/23/94	1015		CAPPED SLEEVE	10 U	10 U
24_SG373	28	30	S1457705	6/23/94	1020	DUPLICATE OF S1457505	METHANOL	510 U	510 U
24_SG381	12	13	S1457381	6/23/94	843		METHANOL	490 U	490 U
24_SG388	12	13	S1457388	6/21/94	851		METHANOL	410 U	410 U
24_SG390	11	13	S1457390	6/23/94	940		METHANOL	500 U	500 U
24_SG390	11	13	S1457554	6/23/94	940		CAPPED SLEEVE	13 U	13 U
24_SG393	12	13	S1457393	6/21/94	840		METHANOL	500 U	500 U
24_SG393	28	29	S1457502	6/21/94	920		METHANOL	640 U	640 U
24_SG398	12	13	S1457398	6/27/94	850		METHANOL	420 U	420 U
24_SG398	12	13	S1457512	6/27/94	850		CAPPED SLEEVE	11 U	11 U
24_SG398	28	29	S1457513	6/27/94	1005		METHANOL	540 U	540 U
24_SG399	12	13	S1457399	6/27/94	1110		METHANOL	520 U	520 U
24_SG399	12	13	S1457707	6/27/94	1115	DUPLICATE OF S1457399	METHANOL	420 U	420 U
24_SG399	28	29	S1457514	6/27/94	1220		METHANOL	420 U	420 U
24_SG400	12	13	S1457400	6/29/94	1335		METHANOL	470 U	470 U
24_SG400	28	29	S1457519	6/29/94	1435		METHANOL	570 U	570 U
24_SG401			S1457714	6/30/94	10:10	DUPLICATE OF S1457401	METHANOL	620 U	620 U
24_SG401	12	14	S1457401	6/30/94	10:15		METHANOL	510 U	510 U
24_SG401	28	29	S1457521	6/30/94	11:00		METHANOL	360 U	360 U
24_SG402	12	13	S1457402	6/30/94	13:30		METHANOL	450 U	450 U
24_SG402	12	13	S1457522	6/30/94	13:30		CAPPED SLEEVE	8 J	12 U

Table D-1
Concentrations in Soil
MCAS El Toro OU-1 RI Report

STATION_ID	Depth1	Depth2	SAMPLE_ID	SAMPLE_DATE	SAMPLE_TIME	SMPL_TYPE	PRESERVATION METHOD	TETRACHLOROETHENE	TRICHLOROETHYLENE
24_SG402	28	29	S1457523	6/30/94	14:30		METHANOL	120 J	490 U
24_SG403	12	13	S1457403	6/30/94	15:45		METHANOL	470 U	470 U
24_SG403	28	29	S1457524	6/30/94	16:30		METHANOL	480 U	480 U
24_SG404	12	13	S1457404	6/27/94	1415		METHANOL	290 U	290 U
24_SG404	12	13	S1457515	6/27/94	1415		CAPPED SLEEVE	57 U	57 U
24_SG404	12	14	S1457520	6/30/94	10:15		CAPPED SLEEVE	13 U	13 U
24_SG405	12	0	S1457405	6/28/94	905		METHANOL	480 U	480 U
24_SG405	12	0	S1457516	6/28/94	905		CAPPED SLEEVE	12 U	12 U
24_SG405	12	0	S1457710	6/28/94	910	DUPLICATE OF S1457405	METHANOL	490 U	490 U
24_SG405	28	0	S1457517	6/28/94	1120		METHANOL	580 U	580 U
24_SG406	12	13	S1457406	6/29/94	855		METHANOL	450 U	450 U
24_SG406	28	29	S1457518	6/29/94	1045		METHANOL	650 U	650 U
24_SG409	12	13	S1457409	6/29/94	1135		METHANOL	760 U	760 U
24_SG417	11	13	S1457417	6/28/94	843		METHANOL	790 U	790 U
24_SG417	11	13	S1457559	6/28/94	843	DUPLICATE OF S1457417	METHANOL	540 U	540 U
24_SG418	12	13	S1457418	6/29/94	1104		METHANOL	460 U	460 U
24_SG419	12	13	S1457419	6/27/94	1044		METHANOL	800 U	800 U
24_SG420	12	13	S1457420	6/29/94	1355		METHANOL	710 U	710 U
24_SG421	12	13	S1457421	6/29/94	1442		METHANOL	570 U	570 U
24_SG422	9	11	S1457422	6/27/94	1136		METHANOL	440 U	440 U
24_SG422	9	11	S1457558	6/27/94	1136	DUPLICATE OF S1457422	METHANOL	340 U	340 U
24_SG423	12	13	S1457423	6/28/94	928		METHANOL	520 U	520 U
24_SG424	12	13	S1457424	6/27/94	955		METHANOL	420 U	420 U
24_SG425	11	13	S1457425	6/27/94	909		METHANOL	440 U	440 U
24_SG425	11	13	S1457557	6/27/94	909		CAPPED SLEEVE	11 U	11 U
24_SG426	11	13	S1457426	6/28/94	1038		METHANOL	440 U	440 U
24_SG426	11	13	S1457561	6/28/94	1038		CAPPED SLEEVE	13 U	13 U

Table D-1
Concentrations in Soil
MCAS El Toro OU-1 RI Report

STATION_ID	Depth1	Depth2	SAMPLE_ID	SAMPLE_DATE	SAMPLE_TIME	1,1-DICHLOROETHANE	1,1-DICHLOROETHENE	VINYL CHLORIDE	1,1,1-TRICHLOROETHANE	1,1,2-TRICHLOROETHANE
24_SG317	12	13	S1457317	6/22/94	1100	660 U	660 U	660 U	660 U	660 U
24_SG317	28	29	S1457504	6/22/94	1215	490 U	490 U	490 U	490 U	490 U
24_SG319	12	13	S1457319	6/22/94	1105	830 U	830 U	830 U	830 U	830 U
24_SG323	12	13	S1457323	6/22/94	910	570 U	570 U	570 U	570 U	570 U
24_SG323	28	29	S1457503	6/22/94	1000	490 U	490 U	490 U	490 U	490 U
24_SG326	12	14	S1457326	6/20/94	940	290 U	290 U	290 U	290 U	290 U
24_SG326	28	30	S1457313	6/20/94	1040	12 U	12 U	12 U	12 U	12 U
24_SG326	28	30	S1457500	6/20/94	1940	12 U	12 U	12 U	12 U	12 U
24_SG331	12	14	S1457331	6/20/94	1450	380 U	380 U	380 U	380 U	380 U
24_SG331	12	14	S1457704	6/20/94	1455	470 U	470 U	470 U	470 U	470 U
24_SG331	28	29	S1457501	6/20/94	1545	380 U	380 U	380 U	380 U	380 U
24_SG332	12	14	S1457332	6/20/94	1115	280 U	280 U	280 U	280 U	280 U
24_SG332	28	30	S1457314	6/20/94	1210	300 U	300 U	300 U	300 U	300 U
24_SG335	12	13	S1457335	6/23/94	1055	460 U	460 U	460 U	460 U	460 U
24_SG335	28	29	S1457507	6/23/94	1215	490 U	490 U	490 U	490 U	490 U
24_SG338	12	14	S1457338	6/23/94	1430	490 U	490 U	490 U	490 U	490 U
24_SG338	12	14	S1457508	6/23/94	1435	520 U	520 U	520 U	520 U	520 U
24_SG338	12	14	S1457509	6/23/94	1430	12 U	12 U	12 U	12 U	12 U
24_SG338	28	29	S1457510	6/23/94	1615	810 U	810 U	810 U	810 U	810 U
24_SG338	28	29	S1457511	6/23/94	1615	11 U	11 U	11 U	11 U	11 U
24_SG339	12	13	S1457339	6/21/94	1100	400 U	400 U	400 U	400 U	400 U
24_SG339	22.5	23.5	S1457551	6/21/94	1340	520 U	520 U	520 U	520 U	520 U
24_SG345	12	13	S1457345	6/21/94	956	500 U	500 U	500 U	500 U	500 U
24_SG352	12	13	S1457352	6/22/94	1115	410 U	410 U	410 U	410 U	410 U
24_SG366	12	13	S1457366	6/22/94	1020	650 U	650 U	650 U	650 U	650 U
24_SG372	12	13	S1457372	6/22/94	909	370 U	370 U	370 U	370 U	370 U
24_SG373	12	13	S1457373	6/23/94	850	630 U	630 U	630 U	630 U	630 U
24_SG373	28	30	S1457505	6/23/94	1015	590 U	590 U	590 U	590 U	590 U
24_SG373	28	30	S1457506	6/23/94	1015	10 U	10 U	10 U	10 U	10 U
24_SG373	28	30	S1457705	6/23/94	1020	510 U	510 U	510 U	510 U	510 U
24_SG381	12	13	S1457381	6/23/94	843	490 U	490 U	490 U	490 U	490 U
24_SG388	12	13	S1457388	6/21/94	851	410 U	410 U	410 U	410 U	410 U
24_SG390	11	13	S1457390	6/23/94	940	500 U	500 U	500 U	500 U	500 U
24_SG390	11	13	S1457554	6/23/94	940	13 U	13 U	13 U	13 U	13 U
24_SG393	12	13	S1457393	6/21/94	840	500 U	500 U	500 U	500 U	500 U
24_SG393	28	29	S1457502	6/21/94	920	640 U	640 U	640 U	640 U	640 U
24_SG398	12	13	S1457398	6/27/94	850	420 U	420 U	420 U	420 U	420 U
24_SG398	12	13	S1457512	6/27/94	850	11 U	11 U	11 U	11 U	11 U
24_SG398	28	29	S1457513	6/27/94	1005	540 U	540 U	540 U	540 U	540 U
24_SG399	12	13	S1457399	6/27/94	1110	520 U	520 U	520 U	520 U	520 U
24_SG399	12	13	S1457707	6/27/94	1115	420 U	420 U	420 U	420 U	420 U
24_SG399	28	29	S1457514	6/27/94	1220	420 U	420 U	420 U	420 U	420 U
24_SG400	12	13	S1457400	6/29/94	1335	470 U	470 U	470 U	470 U	470 U
24_SG400	28	29	S1457519	6/29/94	1435	570 U	570 U	570 U	570 U	570 U
24_SG401			S1457714	6/30/94	10:10	620 U	620 U	620 U	620 U	620 U
24_SG401	12	14	S1457401	6/30/94	10:15	510 U	510 U	510 U	510 U	510 U
24_SG401	28	29	S1457521	6/30/94	11:00	360 U	360 U	360 U	360 U	360 U
24_SG402	12	13	S1457402	6/30/94	13:30	450 U	450 U	450 U	450 U	450 U
24_SG402	12	13	S1457522	6/30/94	13:30	12 U	12 U	12 U	12 U	12 U

Table D-1
Concentrations in Soil
MCAS El Toro OU-1 RI Report

STATION_ID	Depth1	Depth2	SAMPLE_ID	SAMPLE_DATE	SAMPLE_TIME	1,1-DICHLOROETHANE	1,1-DICHLOROETHENE	VINYL CHLORIDE	1,1,1-TRICHLOROETHANE	1,1,2-TRICHLOROETHANE
24_SG402	28	29	S1457523	6/30/94	14:30	490 U	490 U	490 U	490 U	490 U
24_SG403	12	13	S1457403	6/30/94	15:45	470 U	470 U	470 U	470 U	470 U
24_SG403	28	29	S1457524	6/30/94	16:30	480 U	480 U	480 U	480 U	480 U
24_SG404	12	13	S1457404	6/27/94	1415	290 U	290 U	290 U	290 U	290 U
24_SG404	12	13	S1457515	6/27/94	1415	57 U	57 U	57 U	57 U	57 U
24_SG404	12	14	S1457520	6/30/94	10:15	13 U	13 U	13 U	13 U	13 U
24_SG405	12	0	S1457405	6/28/94	905	480 U	480 U	480 U	480 U	480 U
24_SG405	12	0	S1457516	6/28/94	905	12 U	12 U	12 U	12 U	12 U
24_SG405	12	0	S1457710	6/28/94	910	490 U	490 U	490 U	490 U	490 U
24_SG405	28	0	S1457517	6/28/94	1120	580 U	580 U	580 U	580 U	580 U
24_SG406	12	13	S1457406	6/29/94	855	450 U	450 U	450 U	450 U	450 U
24_SG406	28	29	S1457518	6/29/94	1045	650 U	650 U	650 U	650 U	650 U
24_SG409	12	13	S1457409	6/29/94	1135	760 U	760 U	760 U	760 U	760 U
24_SG417	11	13	S1457417	6/28/94	843	790 U	790 U	790 U	790 U	790 U
24_SG417	11	13	S1457559	6/28/94	843	540 U	540 U	540 U	540 U	540 U
24_SG418	12	13	S1457418	6/29/94	1104	460 U	460 U	460 U	460 U	460 U
24_SG419	12	13	S1457419	6/27/94	1044	800 U	800 U	800 U	800 U	800 U
24_SG420	12	13	S1457420	6/29/94	1355	710 U	710 U	710 U	710 U	710 U
24_SG421	12	13	S1457421	6/29/94	1442	570 U	570 U	570 U	570 U	570 U
24_SG422	9	11	S1457422	6/27/94	1136	440 U	440 U	440 U	440 U	440 U
24_SG422	9	11	S1457558	6/27/94	1136	340 U	340 U	340 U	340 U	340 U
24_SG423	12	13	S1457423	6/28/94	928	520 U	520 U	520 U	520 U	520 U
24_SG424	12	13	S1457424	6/27/94	955	420 U	420 U	420 U	420 U	420 U
24_SG425	11	13	S1457425	6/27/94	909	440 U	440 U	440 U	440 U	440 U
24_SG425	11	13	S1457557	6/27/94	909	11 U	11 U	11 U	11 U	11 U
24_SG426	11	13	S1457426	6/28/94	1038	440 U	440 U	440 U	440 U	440 U
24_SG426	11	13	S1457561	6/28/94	1038	13 U	13 U	13 U	13 U	13 U

Table D-1
Concentrations in Soil
MCAS El Toro OU-1 RI Report

STATION_ID	Depth1	Depth2	SAMPLE_ID	SAMPLE_DATE	SAMPLE_TIME	1,2-DICHLOROPROPANE	BENZENE	CHLOROFORM	CARBON TETRACHLORIDE	ETHYLBENZENE
24_SG317	12	13	S1457317	6/22/94	1100	660 U	660 U	660 U	660 U	660 U
24_SG317	28	29	S1457504	6/22/94	1215	490 U	490 U	490 U	490 U	490 U
24_SG319	12	13	S1457319	6/22/94	1105	830 U	830 U	830 U	830 U	830 U
24_SG323	12	13	S1457323	6/22/94	910	570 U	570 U	570 U	570 U	570 U
24_SG323	28	29	S1457503	6/22/94	1000	490 U	490 U	490 U	490 U	490 U
24_SG326	12	14	S1457326	6/20/94	940	290 U	290 U	290 U	290 U	290 U
24_SG326	28	30	S1457313	6/20/94	1040	12 U	12 U	12 U	12 U	12 U
24_SG326	28	30	S1457500	6/20/94	1940	12 U	12 U	12 U	12 U	12 U
24_SG331	12	14	S1457331	6/20/94	1450	380 U	380 U	380 U	380 U	380 U
24_SG331	12	14	S1457704	6/20/94	1455	470 U	470 U	470 U	470 U	470 U
24_SG331	28	29	S1457501	6/20/94	1545	380 U	380 U	380 U	380 U	380 U
24_SG332	12	14	S1457332	6/20/94	1115	280 U	280 U	280 U	280 U	280 U
24_SG332	28	30	S1457314	6/20/94	1210	300 U	300 U	300 U	300 U	300 U
24_SG335	12	13	S1457335	6/23/94	1055	460 U	460 U	460 U	460 U	460 U
24_SG335	28	29	S1457507	6/23/94	1215	490 U	490 U	490 U	490 U	490 U
24_SG338	12	14	S1457338	6/23/94	1430	490 U	490 U	490 U	490 U	490 U
24_SG338	12	14	S1457508	6/23/94	1435	520 U	520 U	520 U	520 U	520 U
24_SG338	12	14	S1457509	6/23/94	1430	12 U	12 U	12 U	12 U	12 U
24_SG338	28	29	S1457510	6/23/94	1615	810 U	810 U	810 U	810 U	810 U
24_SG338	28	29	S1457511	6/23/94	1615	11 U	11 U	11 U	11 U	11 U
24_SG339	12	13	S1457339	6/21/94	1100	400 U	400 U	400 U	400 U	400 U
24_SG339	22.5	23.5	S1457551	6/21/94	1340	520 U	520 U	520 U	520 U	520 U
24_SG345	12	13	S1457345	6/21/94	956	500 U	500 U	500 U	500 U	500 U
24_SG352	12	13	S1457352	6/22/94	1115	410 U	410 U	410 U	410 U	410 U
24_SG366	12	13	S1457366	6/22/94	1020	650 U	650 U	650 U	650 U	650 U
24_SG372	12	13	S1457372	6/22/94	909	370 U	370 U	370 U	370 U	370 U
24_SG373	12	13	S1457373	6/23/94	850	630 U	630 U	630 U	630 U	630 U
24_SG373	28	30	S1457505	6/23/94	1015	590 U	590 U	590 U	590 U	590 U
24_SG373	28	30	S1457506	6/23/94	1015	10 U	10 U	10 U	10 U	10 U
24_SG373	28	30	S1457705	6/23/94	1020	510 U	510 U	510 U	510 U	510 U
24_SG381	12	13	S1457381	6/23/94	843	490 U	490 U	490 U	490 U	490 U
24_SG388	12	13	S1457388	6/21/94	851	410 U	410 U	410 U	410 U	410 U
24_SG390	11	13	S1457390	6/23/94	940	500 U	500 U	500 U	500 U	500 U
24_SG390	11	13	S1457554	6/23/94	940	13 U	13 U	13 U	13 U	13 U
24_SG393	12	13	S1457393	6/21/94	840	500 U	500 U	500 U	500 U	500 U
24_SG393	28	29	S1457502	6/21/94	920	640 U	640 U	640 U	640 U	640 U
24_SG398	12	13	S1457398	6/27/94	850	420 U	420 U	420 U	420 U	420 U
24_SG398	12	13	S1457512	6/27/94	850	11 U	11 U	11 U	11 U	11 U
24_SG398	28	29	S1457513	6/27/94	1005	540 U	540 U	540 U	540 U	540 U
24_SG399	12	13	S1457399	6/27/94	1110	520 U	520 U	520 U	520 U	520 U
24_SG399	12	13	S1457707	6/27/94	1115	420 U	420 U	420 U	420 U	420 U
24_SG399	28	29	S1457514	6/27/94	1220	420 U	420 U	420 U	420 U	420 U
24_SG400	12	13	S1457400	6/29/94	1335	470 U	470 U	470 U	470 U	470 U
24_SG400	28	29	S1457519	6/29/94	1435	570 U	570 U	570 U	570 U	570 U
24_SG401			S1457714	6/30/94	10:10	620 U	620 U	620 U	620 U	620 U
24_SG401	12	14	S1457401	6/30/94	10:15	510 U	510 U	510 U	510 U	510 U
24_SG401	28	29	S1457521	6/30/94	11:00	360 U	360 U	360 U	360 U	360 U
24_SG402	12	13	S1457402	6/30/94	13:30	450 U	450 U	450 U	450 U	450 U
24_SG402	12	13	S1457522	6/30/94	13:30	12 U	12 U	12 U	12 U	12 U

Table D-1
Concentrations in Soil
MCAS El Toro OU-1 RI Report

STATION_ID	Depth1	Depth2	SAMPLE_ID	SAMPLE_DATE	SAMPLE_TIME	1,2-DICHLOROPROPANE	BENZENE	CHLOROFORM	CARBON TETRACHLORIDE	ETHYLBENZENE
24_SG402	28	29	S1457523	6/30/94	14:30	490 U	490 U	490 U	490 U	920
24_SG403	12	13	S1457403	6/30/94	15:45	470 U	470 U	470 U	470 U	470 U
24_SG403	28	29	S1457524	6/30/94	16:30	480 U	480 U	480 U	480 U	480 U
24_SG404	12	13	S1457404	6/27/94	1415	290 U	530	290 U	290 U	2300
24_SG404	12	13	S1457515	6/27/94	1415	57 U	220	57 U	57 U	650
24_SG404	12	14	S1457520	6/30/94	10:15	13 U	13 U	13 U	13 U	13 U
24_SG405	12	0	S1457405	6/28/94	905	480 U	480 U	480 U	480 U	480 U
24_SG405	12	0	S1457516	6/28/94	905	12 U	12 U	12 U	12 U	12 U
24_SG405	12	0	S1457710	6/28/94	910	490 U	490 U	490 U	490 U	490 U
24_SG405	28	0	S1457517	6/28/94	1120	580 U	580 U	580 U	580 U	580 U
24_SG406	12	13	S1457406	6/29/94	855	450 U	450 U	450 U	450 U	450 U
24_SG406	28	29	S1457518	6/29/94	1045	650 U	650 U	650 U	650 U	650 U
24_SG409	12	13	S1457409	6/29/94	1135	760 U	760 U	760 U	760 U	760 U
24_SG417	11	13	S1457417	6/28/94	843	790 U	790 U	790 U	790 U	790 U
24_SG417	11	13	S1457559	6/28/94	843	540 U	540 U	540 U	540 U	540 U
24_SG418	12	13	S1457418	6/29/94	1104	460 U	460 U	460 U	460 U	460 U
24_SG419	12	13	S1457419	6/27/94	1044	800 U	800 U	800 U	800 U	800 U
24_SG420	12	13	S1457420	6/29/94	1355	710 U	710 U	710 U	710 U	710 U
24_SG421	12	13	S1457421	6/29/94	1442	570 U	570 U	570 U	570 U	570 U
24_SG422	9	11	S1457422	6/27/94	1136	440 U	440 U	440 U	440 U	440 U
24_SG422	9	11	S1457558	6/27/94	1136	340 U	340 U	340 U	340 U	340 U
24_SG423	12	13	S1457423	6/28/94	928	520 U	520 U	520 U	520 U	520 U
24_SG424	12	13	S1457424	6/27/94	955	420 U	420 U	420 U	420 U	420 U
24_SG425	11	13	S1457425	6/27/94	909	440 U	440 U	440 U	440 U	440 U
24_SG425	11	13	S1457557	6/27/94	909	11 U	11 U	11 U	11 U	11 U
24_SG426	11	13	S1457426	6/28/94	1038	440 U	440 U	440 U	440 U	440 U
24_SG426	11	13	S1457561	6/28/94	1038	13 U	13 U	13 U	13 U	13 U

Table D-1
Concentrations in Soil
MCAS El Toro OU-1 RI Report

STATION_ID	Depth1	Depth2	SAMPLE_ID	SAMPLE_DATE	SAMPLE_TIME	METHYLENE CHLORIDE	TOLUENE	XYLENE (TOTAL)	1,1,2,2-TETRACHLOROETHANE	1,2-DICHLOROETHANE
24_SG317	12	13	S1457317	6/22/94	1100	660 U	660 U	660 U	660 U	660 U
24_SG317	28	29	S1457504	6/22/94	1215	490 U	490 U	490 U	490 U	490 U
24_SG319	12	13	S1457319	6/22/94	1105	830 U	830 U	830 U	830 U	830 U
24_SG323	12	13	S1457323	6/22/94	910	570 U	570 U	570 U	570 U	570 U
24_SG323	28	29	S1457503	6/22/94	1000	490 U	490 U	490 U	490 U	490 U
24_SG326	12	14	S1457326	6/20/94	940	290 U	290 U	290 U	290 U	290 U
24_SG326	28	30	S1457313	6/20/94	1040	12 U	12 U	12 U	12 U	12 U
24_SG326	28	30	S1457500	6/20/94	1940	12 U	10 J	12 U	12 U	12 U
24_SG331	12	14	S1457331	6/20/94	1450	380 U	380 U	380 U	380 U	380 U
24_SG331	12	14	S1457704	6/20/94	1455	470 U	470 U	470 U	470 U	470 U
24_SG331	28	29	S1457501	6/20/94	1545	380 U	380 U	380 U	380 U	380 U
24_SG332	12	14	S1457332	6/20/94	1115	280 U	280 U	280 U	280 U	280 U
24_SG332	28	30	S1457314	6/20/94	1210	300 U	300 U	300 U	300 U	300 U
24_SG335	12	13	S1457335	6/23/94	1055	460 U	460 U	460 U	460 U	460 U
24_SG335	28	29	S1457507	6/23/94	1215	490 U	490 U	490 U	490 U	490 U
24_SG338	12	14	S1457338	6/23/94	1430	490 U	490 U	490 U	490 U	490 U
24_SG338	12	14	S1457508	6/23/94	1435	520 U	520 U	520 U	520 U	520 U
24_SG338	12	14	S1457509	6/23/94	1430	12 U	150	12 U	12 U	12 U
24_SG338	28	29	S1457510	6/23/94	1615	810 U	810 U	810 U	810 U	810 U
24_SG338	28	29	S1457511	6/23/94	1615	11 U	18	11 U	11 U	11 U
24_SG339	12	13	S1457339	6/21/94	1100	400 U	400 U	400 U	400 U	400 U
24_SG339	22.5	23.5	S1457551	6/21/94	1340	520 U	520 U	520 U	520 U	520 U
24_SG345	12	13	S1457345	6/21/94	956	500 U	500 U	500 U	500 U	500 U
24_SG352	12	13	S1457352	6/22/94	1115	410 U	410 U	410 U	410 U	410 U
24_SG366	12	13	S1457366	6/22/94	1020	650 U	650 U	650 U	650 U	650 U
24_SG372	12	13	S1457372	6/22/94	909	370 U	370 U	370 U	370 U	370 U
24_SG373	12	13	S1457373	6/23/94	850	630 U	630 U	630 U	630 U	630 U
24_SG373	28	30	S1457505	6/23/94	1015	590 U	590 U	590 U	590 U	590 U
24_SG373	28	30	S1457506	6/23/94	1015	10 U	10 U	10 U	10 U	10 U
24_SG373	28	30	S1457705	6/23/94	1020	510 U	510 U	510 U	510 U	510 U
24_SG381	12	13	S1457381	6/23/94	843	490 U	490 U	490 U	490 U	490 U
24_SG388	12	13	S1457388	6/21/94	851	410 U	410 U	410 U	410 U	410 U
24_SG390	11	13	S1457390	6/23/94	940	500 U	500 U	500 U	500 U	500 U
24_SG390	11	13	S1457554	6/23/94	940	13 U	13 U	13 U	13 U	13 U
24_SG393	12	13	S1457393	6/21/94	840	500 U	500 U	500 U	500 U	500 U
24_SG393	28	29	S1457502	6/21/94	920	640 U	640 U	640 U	640 U	640 U
24_SG398	12	13	S1457398	6/27/94	850	420 U	420 U	420 U	420 U	420 U
24_SG398	12	13	S1457512	6/27/94	850	11 U	11 U	11 U	11 U	11 U
24_SG398	28	29	S1457513	6/27/94	1005	540 U	540 U	540 U	540 U	540 U
24_SG399	12	13	S1457399	6/27/94	1110	520 U	520 U	520 U	520 U	520 U
24_SG399	12	13	S1457707	6/27/94	1115	420 U	420 U	420 U	420 U	420 U
24_SG399	28	29	S1457514	6/27/94	1220	420 U	420 U	420 U	420 U	420 U
24_SG400	12	13	S1457400	6/29/94	1335	470 U	470 U	470 U	470 U	470 U
24_SG400	28	29	S1457519	6/29/94	1435	570 U	570 U	570 U	570 U	570 U
24_SG401			S1457714	6/30/94	10:10	620 U	620 U	620 U	620 U	620 U
24_SG401	12	14	S1457401	6/30/94	10:15	510 U	510 U	510 U	510 U	510 U
24_SG401	28	29	S1457521	6/30/94	11:00	360 U	360 U	360 U	360 U	360 U
24_SG402	12	13	S1457402	6/30/94	13:30	450 U	450 U	450 U	450 U	450 U
24_SG402	12	13	S1457522	6/30/94	13:30	12 U	2 J	12 U	12 U	12 U

Table D-1
Concentrations in Soil
MCAS El Toro OU-1 RI Report

STATION_ID	Depth1	Depth2	SAMPLE_ID	SAMPLE_DATE	SAMPLE_TIME	METHYLENE CHLORIDE	TOLUENE	XYLENE (TOTAL)	1,1,2,2-TETRACHLOROETHANE	1,2-DICHLOROETHANE
24_SG402	28	29	S1457523	6/30/94	14:30	490 U	490 U	1400	490 U	490 U
24_SG403	12	13	S1457403	6/30/94	15:45	470 U	470 U	470 U	470 U	470 U
24_SG403	28	29	S1457524	6/30/94	16:30	480 U	480 U	480 U	480 U	480 U
24_SG404	12	13	S1457404	6/27/94	1415	290 U	210 J	10000	290 U	290 U
24_SG404	12	13	S1457515	6/27/94	1415	57 U	43 J	2300	57 U	57 U
24_SG404	12	14	S1457520	6/30/94	10:15	13 U	13 U	13 U	13 U	13 U
24_SG405	12	0	S1457405	6/28/94	905	480 U	480 U	480 U	480 U	480 U
24_SG405	12	0	S1457516	6/28/94	905	12 U	12 U	12 U	12 U	12 U
24_SG405	12	0	S1457710	6/28/94	910	490 U	490 U	490 U	490 U	490 U
24_SG405	28	0	S1457517	6/28/94	1120	580 U	580 U	580 U	580 U	580 U
24_SG406	12	13	S1457406	6/29/94	855	450 U	450 U	450 U	450 U	450 U
24_SG406	28	29	S1457518	6/29/94	1045	650 U	650 U	650 U	650 U	650 U
24_SG409	12	13	S1457409	6/29/94	1135	760 U	760 U	760 U	760 U	760 U
24_SG417	11	13	S1457417	6/28/94	843	790 U	790 U	790 U	790 U	790 U
24_SG417	11	13	S1457559	6/28/94	843	540 U	540 U	540 U	540 U	540 U
24_SG418	12	13	S1457418	6/29/94	1104	460 U	460 U	460 U	460 U	460 U
24_SG419	12	13	S1457419	6/27/94	1044	800 U	800 U	800 U	800 U	800 U
24_SG420	12	13	S1457420	6/29/94	1355	710 U	710 U	710 U	710 U	710 U
24_SG421	12	13	S1457421	6/29/94	1442	570 U	570 U	570 U	570 U	570 U
24_SG422	9	11	S1457422	6/27/94	1136	440 U	440 U	440 U	440 U	440 U
24_SG422	9	11	S1457558	6/27/94	1136	340 U	340 U	340 U	340 U	340 U
24_SG423	12	13	S1457423	6/28/94	928	520 U	520 U	520 U	520 U	520 U
24_SG424	12	13	S1457424	6/27/94	955	420 U	420 U	420 U	420 U	420 U
24_SG425	11	13	S1457425	6/27/94	909	440 U	440 U	440 U	440 U	440 U
24_SG425	11	13	S1457557	6/27/94	909	11 U	11 U	11 U	11 U	11 U
24_SG426	11	13	S1457426	6/28/94	1038	440 U	440 U	440 U	440 U	440 U
24_SG426	11	13	S1457561	6/28/94	1038	13 U	13 U	13 U	13 U	13 U

Table D-1
Concentrations in Soil
MCAS El Toro OU-1 RI Report

STATION_ID	Depth1	Depth2	SAMPLE_ID	SAMPLE_DATE	SAMPLE_TIME	1,2-DICHLOROETHENE (TOTAL)	2-BUTANONE	2-HEXANONE	4-METHYL-2-PENTANONE	ACETONE
24_SG317	12	13	S1457317	6/22/94	1100	660 U	660 U	660 U	660 U	660 U
24_SG317	28	29	S1457504	6/22/94	1215	490 U	490 U	490 U	490 U	490 U
24_SG319	12	13	S1457319	6/22/94	1105	830 U	830 U	830 U	830 U	830 U
24_SG323	12	13	S1457323	6/22/94	910	570 U	570 U	570 U	570 U	570 U
24_SG323	28	29	S1457503	6/22/94	1000	490 U	490 U	490 U	490 U	490 U
24_SG326	12	14	S1457326	6/20/94	940	290 U	290 U	290 U	290 U	290 U
24_SG326	28	30	S1457313	6/20/94	1040	12 U	12 U	12 U	12 U	13 U
24_SG326	28	30	S1457500	6/20/94	1940	12 U	12 U	12 U	12 U	14 U
24_SG331	12	14	S1457331	6/20/94	1450	380 U	380 U	380 U	380 U	380 U
24_SG331	12	14	S1457704	6/20/94	1455	470 U	470 U	470 U	470 U	470 U
24_SG331	28	29	S1457501	6/20/94	1545	380 U	380 U	380 U	380 U	380 U
24_SG332	12	14	S1457332	6/20/94	1115	280 U	280 U	280 U	280 U	280 U
24_SG332	28	30	S1457314	6/20/94	1210	300 U	300 U	300 U	300 U	300 U
24_SG335	12	13	S1457335	6/23/94	1055	460 U	460 U	460 U	460 U	570 U
24_SG335	28	29	S1457507	6/23/94	1215	490 U	490 U	490 U	490 U	490 U
24_SG338	12	14	S1457338	6/23/94	1430	490 U	490 U	490 U	490 U	490 U
24_SG338	12	14	S1457508	6/23/94	1435	520 U	520 U	520 U	520 U	520 U
24_SG338	12	14	S1457509	6/23/94	1430	12 U	12 U	12 U	12 U	14 U
24_SG338	28	29	S1457510	6/23/94	1615	810 U	810 U	810 U	810 U	810 U
24_SG338	28	29	S1457511	6/23/94	1615	11 U	3 J	11 U	11 U	25 U
24_SG339	12	13	S1457339	6/21/94	1100	400 U	400 U	400 U	400 U	650 U
24_SG339	22.5	23.5	S1457551	6/21/94	1340	520 U	520 U	520 U	520 U	1400 U
24_SG345	12	13	S1457345	6/21/94	956	500 U	500 U	500 U	500 U	500 U
24_SG352	12	13	S1457352	6/22/94	1115	410 U	410 U	410 U	410 U	410 U
24_SG366	12	13	S1457366	6/22/94	1020	650 U	650 U	650 U	650 U	650 U
24_SG372	12	13	S1457372	6/22/94	909	370 U	370 U	370 U	370 U	370 U
24_SG373	12	13	S1457373	6/23/94	850	630 U	630 U	630 U	630 U	630 U
24_SG373	28	30	S1457505	6/23/94	1015	590 U	590 U	590 U	590 U	800 U
24_SG373	28	30	S1457506	6/23/94	1015	10 U	10 U	10 U	10 U	10 U
24_SG373	28	30	S1457705	6/23/94	1020	510 U	510 U	510 U	510 U	510 U
24_SG381	12	13	S1457381	6/23/94	843	490 U	490 U	490 U	490 U	490 U
24_SG388	12	13	S1457388	6/21/94	851	410 U	410 U	410 U	410 U	410 U
24_SG390	11	13	S1457390	6/23/94	940	500 U	500 U	500 U	500 U	710 U
24_SG390	11	13	S1457554	6/23/94	940	13 U	13 U	13 U	13 U	13 U
24_SG393	12	13	S1457393	6/21/94	840	500 U	500 U	500 U	500 U	500 U
24_SG393	28	29	S1457502	6/21/94	920	640 U	640 U	640 U	640 U	640 U
24_SG398	12	13	S1457398	6/27/94	850	420 U	420 U	420 U	420 U	1600 U
24_SG398	12	13	S1457512	6/27/94	850	11 U	11 U	11 U	11 U	4 J
24_SG398	28	29	S1457513	6/27/94	1005	540 U	540 U	540 U	540 U	540 U
24_SG399	12	13	S1457399	6/27/94	1110	520 U	520 U	520 U	520 U	520 U
24_SG399	12	13	S1457707	6/27/94	1115	420 U	420 U	420 U	420 U	420 U
24_SG399	28	29	S1457514	6/27/94	1220	420 U	420 U	420 U	420 U	420 U
24_SG400	12	13	S1457400	6/29/94	1335	470 U	470 U	470 U	470 U	470 U
24_SG400	28	29	S1457519	6/29/94	1435	570 U	570 U	570 U	570 U	570 U
24_SG401			S1457714	6/30/94	10:10	620 U	620 U	620 U	620 U	620 U
24_SG401	12	14	S1457401	6/30/94	10:15	510 U	510 U	510 U	510 U	510 U
24_SG401	28	29	S1457521	6/30/94	11:00	360 U	360 U	360 U	360 U	360 U
24_SG402	12	13	S1457402	6/30/94	13:30	450 U	450 U	450 U	450 U	450 U
24_SG402	12	13	S1457522	6/30/94	13:30	12 U	12 U	12 U	12 U	12 U

Table D-1
Concentrations in Soil
MCAS El Toro OU-1 RI Report

STATION_ID	Depth1	Depth2	SAMPLE_ID	SAMPLE_DATE	SAMPLE_TIME	1,2-DICHLOROETHENE (TOTAL)	2-BUTANONE	2-HEXANONE	4-METHYL-2-PENTANONE	ACETONE
24_SG402	28	29	S1457523	6/30/94	14:30	490 U	490 U	490 U	490 U	490 U
24_SG403	12	13	S1457403	6/30/94	15:45	470 U	470 U	470 U	470 U	470 U
24_SG403	28	29	S1457524	6/30/94	16:30	480 U	480 U	480 U	480 U	480 U
24_SG404	12	13	S1457404	6/27/94	1415	290 U	290 U	290 U	290 U	290 U
24_SG404	12	13	S1457515	6/27/94	1415	57 U	57 U	57 U	57 U	54 J
24_SG404	12	14	S1457520	6/30/94	10:15	13 U	13 U	13 U	13 U	13 U
24_SG405	12	0	S1457405	6/28/94	905	480 U	480 U	480 U	480 U	480 U
24_SG405	12	0	S1457516	6/28/94	905	12 U	12 U	12 U	12 U	58
24_SG405	12	0	S1457710	6/28/94	910	490 U	490 U	490 U	490 U	490 U
24_SG405	28	0	S1457517	6/28/94	1120	580 U	580 U	580 U	580 U	580 U
24_SG406	12	13	S1457406	6/29/94	855	450 U	450 U	450 U	450 U	450 U
24_SG406	28	29	S1457518	6/29/94	1045	650 U	650 U	650 U	650 U	900
24_SG409	12	13	S1457409	6/29/94	1135	760 U	760 U	760 U	760 U	760 U
24_SG417	11	13	S1457417	6/28/94	843	790 U	790 U	790 U	790 U	3400 U
24_SG417	11	13	S1457559	6/28/94	843	540 U	540 U	540 U	540 U	540 U
24_SG418	12	13	S1457418	6/29/94	1104	460 U	460 U	460 U	460 U	460 U
24_SG419	12	13	S1457419	6/27/94	1044	800 U	800 U	800 U	800 U	800 U
24_SG420	12	13	S1457420	6/29/94	1355	710 U	710 U	710 U	710 U	710 U
24_SG421	12	13	S1457421	6/29/94	1442	570 U	570 U	570 U	570 U	570 U
24_SG422	9	11	S1457422	6/27/94	1136	440 U	440 U	440 U	440 U	810 U
24_SG422	9	11	S1457558	6/27/94	1136	340 U	340 U	340 U	340 U	1200 U
24_SG423	12	13	S1457423	6/28/94	928	520 U	520 U	520 U	520 U	520 U
24_SG424	12	13	S1457424	6/27/94	955	420 U	420 U	420 U	420 U	420 U
24_SG425	11	13	S1457425	6/27/94	909	440 U	440 U	440 U	440 U	440 U
24_SG425	11	13	S1457557	6/27/94	909	11 U	11 U	11 U	11 U	15
24_SG426	11	13	S1457426	6/28/94	1038	440 U	440 U	440 U	440 U	440 U
24_SG426	11	13	S1457561	6/28/94	1038	13 U	13 U	13 U	13 U	6 J

Table D-1
Concentrations in Soil
MCAS El Toro OU-1 RI Report

STATION_ID	Depth1	Depth2	SAMPLE_ID	SAMPLE_DATE	SAMPLE_TIME	BROMODICHLOROMETHANE	BROMOFORM	BROMOMETHANE (METHYL BROMIDE)	CARBON DISULFIDE
24_SG317	12	13	S1457317	6/22/94	1100	660 U	660 U	660 U	660 U
24_SG317	28	29	S1457504	6/22/94	1215	490 U	490 U	490 U	490 U
24_SG319	12	13	S1457319	6/22/94	1105	830 U	830 U	830 U	830 U
24_SG323	12	13	S1457323	6/22/94	910	570 U	570 U	570 U	570 U
24_SG323	28	29	S1457503	6/22/94	1000	490 U	490 U	490 U	490 U
24_SG326	12	14	S1457326	6/20/94	940	290 U	290 U	290 U	290 U
24_SG326	28	30	S1457313	6/20/94	1040	12 U	12 U	12 U	12 U
24_SG326	28	30	S1457500	6/20/94	1940	12 U	12 U	12 U	12 U
24_SG331	12	14	S1457331	6/20/94	1450	380 U	380 U	380 U	380 U
24_SG331	12	14	S1457704	6/20/94	1455	470 U	470 U	470 U	470 U
24_SG331	28	29	S1457501	6/20/94	1545	380 U	380 U	380 U	380 U
24_SG332	12	14	S1457332	6/20/94	1115	280 U	280 U	280 U	280 U
24_SG332	28	30	S1457314	6/20/94	1210	300 U	300 U	300 U	300 U
24_SG335	12	13	S1457335	6/23/94	1055	460 U	460 U	460 U	460 U
24_SG335	28	29	S1457507	6/23/94	1215	490 U	490 U	490 U	490 U
24_SG338	12	14	S1457338	6/23/94	1430	490 U	490 U	490 U	490 U
24_SG338	12	14	S1457508	6/23/94	1435	520 U	520 U	520 U	520 U
24_SG338	12	14	S1457509	6/23/94	1430	12 U	12 U	12 U	12 U
24_SG338	28	29	S1457510	6/23/94	1615	810 U	810 U	810 U	810 U
24_SG338	28	29	S1457511	6/23/94	1615	11 U	11 U	11 U	11 U
24_SG339	12	13	S1457339	6/21/94	1100	400 U	400 U	400 U	400 U
24_SG339	22.5	23.5	S1457551	6/21/94	1340	520 U	520 U	520 U	520 U
24_SG345	12	13	S1457345	6/21/94	956	500 U	500 U	500 U	500 U
24_SG352	12	13	S1457352	6/22/94	1115	410 U	410 U	410 U	410 U
24_SG366	12	13	S1457366	6/22/94	1020	650 U	650 U	650 U	650 U
24_SG372	12	13	S1457372	6/22/94	909	370 U	370 U	370 U	370 U
24_SG373	12	13	S1457373	6/23/94	850	630 U	630 U	630 U	630 U
24_SG373	28	30	S1457505	6/23/94	1015	590 U	590 U	590 U	590 U
24_SG373	28	30	S1457506	6/23/94	1015	10 U	10 U	10 U	10 U
24_SG373	28	30	S1457705	6/23/94	1020	510 U	510 U	510 U	510 U
24_SG381	12	13	S1457381	6/23/94	843	490 U	490 U	490 U	490 U
24_SG388	12	13	S1457388	6/21/94	851	410 U	410 U	410 U	410 U
24_SG390	11	13	S1457390	6/23/94	940	500 U	500 U	500 U	500 U
24_SG390	11	13	S1457554	6/23/94	940	13 U	13 U	13 U	13 U
24_SG393	12	13	S1457393	6/21/94	840	500 U	500 U	500 U	500 U
24_SG393	28	29	S1457502	6/21/94	920	640 U	640 U	640 U	640 U
24_SG398	12	13	S1457398	6/27/94	850	420 U	420 U	420 U	420 U
24_SG398	12	13	S1457512	6/27/94	850	11 U	11 U	11 U	11 U
24_SG398	28	29	S1457513	6/27/94	1005	540 U	540 U	540 U	540 U
24_SG399	12	13	S1457399	6/27/94	1110	520 U	520 U	520 U	520 U
24_SG399	12	13	S1457707	6/27/94	1115	420 U	420 U	420 U	420 U
24_SG399	28	29	S1457514	6/27/94	1220	420 U	420 U	420 U	420 U
24_SG400	12	13	S1457400	6/29/94	1335	470 U	470 U	470 U	470 U
24_SG400	28	29	S1457519	6/29/94	1435	570 U	570 U	570 U	570 U
24_SG401			S1457714	6/30/94	10:10	620 U	620 U	620 U	620 U
24_SG401	12	14	S1457401	6/30/94	10:15	510 U	510 U	510 U	510 U
24_SG401	28	29	S1457521	6/30/94	11:00	360 U	360 U	360 U	360 U
24_SG402	12	13	S1457402	6/30/94	13:30	450 U	450 U	450 U	450 U
24_SG402	12	13	S1457522	6/30/94	13:30	12 U	12 U	12 U	8 J

Table D-1
Concentrations in Soil
MCAS El Toro OU-1 RI Report

STATION_ID	Depth1	Depth2	SAMPLE_ID	SAMPLE_DATE	SAMPLE_TIME	BROMODICHLOROMETHANE	BROMOFORM	BROMOMETHANE (METHYL BROMIDE)	CARBON DISULFIDE
24_SG402	28	29	S1457523	6/30/94	14:30	490 U	490 U	490 U	490 U
24_SG403	12	13	S1457403	6/30/94	15:45	470 U	470 U	470 U	470 U
24_SG403	28	29	S1457524	6/30/94	16:30	480 U	480 U	480 U	480 U
24_SG404	12	13	S1457404	6/27/94	1415	290 U	290 U	290 U	290 U
24_SG404	12	13	S1457515	6/27/94	1415	57 U	57 U	57 U	57 U
24_SG404	12	14	S1457520	6/30/94	10:15	13 U	13 U	13 U	13 U
24_SG405	12	0	S1457405	6/28/94	905	480 U	480 U	480 U	480 U
24_SG405	12	0	S1457516	6/28/94	905	12 U	12 U	12 U	12 U
24_SG405	12	0	S1457710	6/28/94	910	490 U	490 U	490 U	490 U
24_SG405	28	0	S1457517	6/28/94	1120	580 U	580 U	580 U	580 U
24_SG406	12	13	S1457406	6/29/94	855	450 U	450 U	450 U	450 U
24_SG406	28	29	S1457518	6/29/94	1045	650 U	650 U	650 U	650 U
24_SG409	12	13	S1457409	6/29/94	1135	760 U	760 U	760 U	760 U
24_SG417	11	13	S1457417	6/28/94	843	790 U	790 U	790 U	790 U
24_SG417	11	13	S1457559	6/28/94	843	540 U	540 U	540 U	540 U
24_SG418	12	13	S1457418	6/29/94	1104	460 U	460 U	460 U	460 U
24_SG419	12	13	S1457419	6/27/94	1044	800 U	800 U	800 U	800 U
24_SG420	12	13	S1457420	6/29/94	1355	710 U	710 U	710 U	710 U
24_SG421	12	13	S1457421	6/29/94	1442	570 U	570 U	570 U	570 U
24_SG422	9	11	S1457422	6/27/94	1136	440 U	440 U	440 U	440 U
24_SG422	9	11	S1457558	6/27/94	1136	340 U	340 U	340 U	340 U
24_SG423	12	13	S1457423	6/28/94	928	520 U	520 U	520 U	520 U
24_SG424	12	13	S1457424	6/27/94	955	420 U	420 U	420 U	420 U
24_SG425	11	13	S1457425	6/27/94	909	440 U	440 U	440 U	440 U
24_SG425	11	13	S1457557	6/27/94	909	11 U	11 U	11 U	11 U
24_SG426	11	13	S1457426	6/28/94	1038	440 U	440 U	440 U	440 U
24_SG426	11	13	S1457561	6/28/94	1038	13 U	13 U	13 U	13 U

Table D-1
Concentrations in Soil
MCAS El Toro OU-1 RI Report

STATION_ID	Depth1	Depth2	SAMPLE_ID	SAMPLE_DATE	SAMPLE_TIME	CHLOROBENZENE	CHLORODIBROMOMETHANE	CHLOROETHANE
24_SG317	12	13	S1457317	6/22/94	1100	660 U	660 U	660 U
24_SG317	28	29	S1457504	6/22/94	1215	490 U	490 U	490 U
24_SG319	12	13	S1457319	6/22/94	1105	830 U	830 U	830 U
24_SG323	12	13	S1457323	6/22/94	910	570 U	570 U	570 U
24_SG323	28	29	S1457503	6/22/94	1000	490 U	490 U	490 U
24_SG326	12	14	S1457326	6/20/94	940	290 U	290 U	290 U
24_SG326	28	30	S1457313	6/20/94	1040	12 U	12 U	12 U
24_SG326	28	30	S1457500	6/20/94	1940	12 U	12 U	12 U
24_SG331	12	14	S1457331	6/20/94	1450	380 U	380 U	380 U
24_SG331	12	14	S1457704	6/20/94	1455	470 U	470 U	470 U
24_SG331	28	29	S1457501	6/20/94	1545	380 U	380 U	380 U
24_SG332	12	14	S1457332	6/20/94	1115	280 U	280 U	280 U
24_SG332	28	30	S1457314	6/20/94	1210	300 U	300 U	300 U
24_SG335	12	13	S1457335	6/23/94	1055	460 U	460 U	460 U
24_SG335	28	29	S1457507	6/23/94	1215	490 U	490 U	490 U
24_SG338	12	14	S1457338	6/23/94	1430	490 U	490 U	490 U
24_SG338	12	14	S1457508	6/23/94	1435	520 U	520 U	520 U
24_SG338	12	14	S1457509	6/23/94	1430	12 U	12 U	12 U
24_SG338	28	29	S1457510	6/23/94	1615	810 U	810 U	810 U
24_SG338	28	29	S1457511	6/23/94	1615	11 U	11 U	11 U
24_SG339	12	13	S1457339	6/21/94	1100	400 U	400 U	400 U
24_SG339	22.5	23.5	S1457551	6/21/94	1340	520 U	520 U	520 U
24_SG345	12	13	S1457345	6/21/94	956	500 U	500 U	500 U
24_SG352	12	13	S1457352	6/22/94	1115	410 U	410 U	410 U
24_SG366	12	13	S1457366	6/22/94	1020	650 U	650 U	650 U
24_SG372	12	13	S1457372	6/22/94	909	370 U	370 U	370 U
24_SG373	12	13	S1457373	6/23/94	850	630 U	630 U	630 U
24_SG373	28	30	S1457505	6/23/94	1015	590 U	590 U	590 U
24_SG373	28	30	S1457506	6/23/94	1015	10 U	10 U	10 U
24_SG373	28	30	S1457705	6/23/94	1020	510 U	510 U	510 U
24_SG381	12	13	S1457381	6/23/94	843	490 U	490 U	490 U
24_SG388	12	13	S1457388	6/21/94	851	410 U	410 U	410 U
24_SG390	11	13	S1457390	6/23/94	940	500 U	500 U	500 U
24_SG390	11	13	S1457554	6/23/94	940	13 U	13 U	13 U
24_SG393	12	13	S1457393	6/21/94	840	500 U	500 U	500 U
24_SG393	28	29	S1457502	6/21/94	920	640 U	640 U	640 U
24_SG398	12	13	S1457398	6/27/94	850	420 U	420 U	420 U
24_SG398	12	13	S1457512	6/27/94	850	11 U	11 U	11 U
24_SG398	28	29	S1457513	6/27/94	1005	540 U	540 U	540 U
24_SG399	12	13	S1457399	6/27/94	1110	520 U	520 U	520 U
24_SG399	12	13	S1457707	6/27/94	1115	420 U	420 U	420 U
24_SG399	28	29	S1457514	6/27/94	1220	420 U	420 U	420 U
24_SG400	12	13	S1457400	6/29/94	1335	470 U	470 U	470 U
24_SG400	28	29	S1457519	6/29/94	1435	570 U	570 U	570 U
24_SG401			S1457714	6/30/94	10:10	620 U	620 U	620 U
24_SG401	12	14	S1457401	6/30/94	10:15	510 U	510 U	510 U
24_SG401	28	29	S1457521	6/30/94	11:00	360 U	360 U	360 U
24_SG402	12	13	S1457402	6/30/94	13:30	450 U	450 U	450 U
24_SG402	12	13	S1457522	6/30/94	13:30	12 U	12 U	12 U

Table D-1
Concentrations in Soil
MCAS El Toro OU-1 RI Report

STATION_ID	Depth1	Depth2	SAMPLE_ID	SAMPLE_DATE	SAMPLE_TIME	CHLOROBENZENE	CHLORODIBROMOMETHANE	CHLOROETHANE
24_SG402	28	29	S1457523	6/30/94	14:30	490 U	490 U	490 U
24_SG403	12	13	S1457403	6/30/94	15:45	470 U	470 U	470 U
24_SG403	28	29	S1457524	6/30/94	16:30	480 U	480 U	480 U
24_SG404	12	13	S1457404	6/27/94	1415	290 U	290 U	290 U
24_SG404	12	13	S1457515	6/27/94	1415	57 U	57 U	57 U
24_SG404	12	14	S1457520	6/30/94	10:15	13 U	13 U	13 U
24_SG405	12	0	S1457405	6/28/94	905	480 U	480 U	480 U
24_SG405	12	0	S1457516	6/28/94	905	12 U	12 U	12 U
24_SG405	12	0	S1457710	6/28/94	910	490 U	490 U	490 U
24_SG405	28	0	S1457517	6/28/94	1120	580 U	580 U	580 U
24_SG406	12	13	S1457406	6/29/94	855	450 U	450 U	450 U
24_SG406	28	29	S1457518	6/29/94	1045	650 U	650 U	650 U
24_SG409	12	13	S1457409	6/29/94	1135	760 U	760 U	760 U
24_SG417	11	13	S1457417	6/28/94	843	790 U	790 U	790 U
24_SG417	11	13	S1457559	6/28/94	843	540 U	540 U	540 U
24_SG418	12	13	S1457418	6/29/94	1104	460 U	460 U	460 U
24_SG419	12	13	S1457419	6/27/94	1044	800 U	800 U	800 U
24_SG420	12	13	S1457420	6/29/94	1355	710 U	710 U	710 U
24_SG421	12	13	S1457421	6/29/94	1442	570 U	570 U	570 U
24_SG422	9	11	S1457422	6/27/94	1136	440 U	440 U	440 U
24_SG422	9	11	S1457558	6/27/94	1136	340 U	340 U	340 U
24_SG423	12	13	S1457423	6/28/94	928	520 U	520 U	520 U
24_SG424	12	13	S1457424	6/27/94	955	420 U	420 U	420 U
24_SG425	11	13	S1457425	6/27/94	909	440 U	440 U	440 U
24_SG425	11	13	S1457557	6/27/94	909	11 U	11 U	11 U
24_SG426	11	13	S1457426	6/28/94	1038	440 U	440 U	440 U
24_SG426	11	13	S1457561	6/28/94	1038	13 U	13 U	13 U

Table D-1
Concentrations in Soil
MCAS El Toro OU-1 RI Report

STATION_ID	Depth1	Depth2	SAMPLE_ID	SAMPLE_DATE	SAMPLE_TIME	CHLOROMETHANE (METHYL CHLORIDE)	CIS-1,3-DICHLOROPROPENE	STYRENE	TRANS-1,3-DICHLOROPROPENE
24_SG317	12	13	S1457317	6/22/94	1100	660 U	660 U	660 U	660 U
24_SG317	28	29	S1457504	6/22/94	1215	490 U	490 U	490 U	490 U
24_SG319	12	13	S1457319	6/22/94	1105	830 U	830 U	830 U	830 U
24_SG323	12	13	S1457323	6/22/94	910	570 U	570 U	570 U	570 U
24_SG323	28	29	S1457503	6/22/94	1000	490 U	490 U	490 U	490 U
24_SG326	12	14	S1457326	6/20/94	940	290 U	290 U	290 U	290 U
24_SG326	28	30	S1457313	6/20/94	1040	12 U	12 U	12 U	12 U
24_SG326	28	30	S1457500	6/20/94	1940	12 U	12 U	12 U	12 U
24_SG331	12	14	S1457331	6/20/94	1450	380 U	380 U	380 U	380 U
24_SG331	12	14	S1457704	6/20/94	1455	470 U	470 U	470 U	470 U
24_SG331	28	29	S1457501	6/20/94	1545	380 U	380 U	380 U	380 U
24_SG332	12	14	S1457332	6/20/94	1115	280 U	280 U	280 U	280 U
24_SG332	28	30	S1457314	6/20/94	1210	300 U	300 U	300 U	300 U
24_SG335	12	13	S1457335	6/23/94	1055	460 U	460 U	460 U	460 U
24_SG335	28	29	S1457507	6/23/94	1215	490 U	490 U	490 U	490 U
24_SG338	12	14	S1457338	6/23/94	1430	490 U	490 U	490 U	490 U
24_SG338	12	14	S1457508	6/23/94	1435	520 U	520 U	520 U	520 U
24_SG338	12	14	S1457509	6/23/94	1430	12 U	12 U	12 U	12 U
24_SG338	28	29	S1457510	6/23/94	1615	810 U	810 U	810 U	810 U
24_SG338	28	29	S1457511	6/23/94	1615	11 U	11 U	11 U	11 U
24_SG339	12	13	S1457339	6/21/94	1100	400 U	400 U	400 U	400 U
24_SG339	22.5	23.5	S1457551	6/21/94	1340	520 U	520 U	520 U	520 U
24_SG345	12	13	S1457345	6/21/94	956	500 U	500 U	500 U	500 U
24_SG352	12	13	S1457352	6/22/94	1115	410 U	410 U	410 U	410 U
24_SG366	12	13	S1457366	6/22/94	1020	650 U	650 U	650 U	650 U
24_SG372	12	13	S1457372	6/22/94	909	370 U	370 U	370 U	370 U
24_SG373	12	13	S1457373	6/23/94	850	630 U	630 U	630 U	630 U
24_SG373	28	30	S1457505	6/23/94	1015	590 U	590 U	590 U	590 U
24_SG373	28	30	S1457506	6/23/94	1015	10 U	10 U	10 U	10 U
24_SG373	28	30	S1457705	6/23/94	1020	510 U	510 U	510 U	510 U
24_SG381	12	13	S1457381	6/23/94	843	490 U	490 U	490 U	490 U
24_SG388	12	13	S1457388	6/21/94	851	410 U	410 U	410 U	410 U
24_SG390	11	13	S1457390	6/23/94	940	500 U	500 U	500 U	500 U
24_SG390	11	13	S1457554	6/23/94	940	13 U	13 U	13 U	13 U
24_SG393	12	13	S1457393	6/21/94	840	500 U	500 U	500 U	500 U
24_SG393	28	29	S1457502	6/21/94	920	640 U	640 U	640 U	640 U
24_SG398	12	13	S1457398	6/27/94	850	420 U	420 U	420 U	420 U
24_SG398	12	13	S1457512	6/27/94	850	11 U	11 U	11 U	11 U
24_SG398	28	29	S1457513	6/27/94	1005	540 U	540 U	540 U	540 U
24_SG399	12	13	S1457399	6/27/94	1110	520 U	520 U	520 U	520 U
24_SG399	12	13	S1457707	6/27/94	1115	420 U	420 U	420 U	420 U
24_SG399	28	29	S1457514	6/27/94	1220	420 U	420 U	420 U	420 U
24_SG400	12	13	S1457400	6/29/94	1335	470 U	470 U	470 U	470 U
24_SG400	28	29	S1457519	6/29/94	1435	570 U	570 U	570 U	570 U
24_SG401			S1457714	6/30/94	10:10	620 U	620 U	620 U	620 U
24_SG401	12	14	S1457401	6/30/94	10:15	510 U	510 U	510 U	510 U
24_SG401	28	29	S1457521	6/30/94	11:00	360 U	360 U	360 U	360 U
24_SG402	12	13	S1457402	6/30/94	13:30	450 U	450 U	450 U	450 U
24_SG402	12	13	S1457522	6/30/94	13:30	12 U	12 U	12 U	12 U

Table D-1
Concentrations in Soil
MCAS El Toro OU-1 RI Report

STATION_ID	Depth1	Depth2	SAMPLE_ID	SAMPLE_DATE	SAMPLE_TIME	CHLOROMETHANE (METHYL CHLORIDE)	CIS-1,3-DICHLOROPROPENE	STYRENE	TRANS-1,3-DICHLOROPROPENE
24_SG402	28	29	S1457523	6/30/94	14:30	490 U	490 U	490 U	490 U
24_SG403	12	13	S1457403	6/30/94	15:45	470 U	470 U	470 U	470 U
24_SG403	28	29	S1457524	6/30/94	16:30	480 U	480 U	480 U	480 U
24_SG404	12	13	S1457404	6/27/94	1415	290 U	290 U	290 U	290 U
24_SG404	12	13	S1457515	6/27/94	1415	57 U	57 U	57 U	57 U
24_SG404	12	14	S1457520	6/30/94	10:15	13 U	13 U	13 U	13 U
24_SG405	12	0	S1457405	6/28/94	905	480 U	480 U	480 U	480 U
24_SG405	12	0	S1457516	6/28/94	905	12 U	12 U	12 U	12 U
24_SG405	12	0	S1457710	6/28/94	910	490 U	490 U	490 U	490 U
24_SG405	28	0	S1457517	6/28/94	1120	580 U	580 U	580 U	580 U
24_SG406	12	13	S1457406	6/29/94	855	450 U	450 U	450 U	450 U
24_SG406	28	29	S1457518	6/29/94	1045	650 U	650 U	650 U	650 U
24_SG409	12	13	S1457409	6/29/94	1135	760 U	760 U	760 U	760 U
24_SG417	11	13	S1457417	6/28/94	843	790 U	790 U	790 U	790 U
24_SG417	11	13	S1457559	6/28/94	843	540 U	540 U	540 U	540 U
24_SG418	12	13	S1457418	6/29/94	1104	460 U	460 U	460 U	460 U
24_SG419	12	13	S1457419	6/27/94	1044	800 U	800 U	800 U	800 U
24_SG420	12	13	S1457420	6/29/94	1355	710 U	710 U	710 U	710 U
24_SG421	12	13	S1457421	6/29/94	1442	570 U	570 U	570 U	570 U
24_SG422	9	11	S1457422	6/27/94	1136	440 U	440 U	440 U	440 U
24_SG422	9	11	S1457558	6/27/94	1136	340 U	340 U	340 U	340 U
24_SG423	12	13	S1457423	6/28/94	928	520 U	520 U	520 U	520 U
24_SG424	12	13	S1457424	6/27/94	955	420 U	420 U	420 U	420 U
24_SG425	11	13	S1457425	6/27/94	909	440 U	440 U	440 U	440 U
24_SG425	11	13	S1457557	6/27/94	909	11 U	11 U	11 U	11 U
24_SG426	11	13	S1457426	6/28/94	1038	440 U	440 U	440 U	440 U
24_SG426	11	13	S1457561	6/28/94	1038	13 U	13 U	13 U	13 U

Key
U nondetect; value is detection limit
J estimated value
B Compound detected in blank

Appendix D-2

MOISTURE PERCENTAGES IN SOIL SAMPLES

Table D-2
Moisture Percentages in Soil Samples
MCAS El Toro Soil Gas Technical Memorandum

Station ID	Sample ID	Moisture Percent	VOCs Detected (X)
24_SG326	S1457313	14	
24_SG332	S1457314	4	
24_SG317	S1457317	23	
24_SG319	S1457319	12	
24_SG323	S1457323	19	
24_SG326	S1457326	12	
24_SG331	S1457331	14	X
24_SG332	S1457332	15	X
24_SG335	S1457335	22	X
24_SG338	S1457338	14	
24_SG339	S1457339	16	
24_SG345	S1457345	9	
24_SG352	S1457352	16	
24_SG366	S1457366	17	
24_SG372	S1457372	15	
24_SG373	S1457373	22	
24_SG381	S1457381	19	
24_SG388	S1457388	10	
24_SG390	S1457390	16	
24_SG393	S1457393	18	
24_SG398	S1457398	7	
24_SG399	S1457399	24	
24_SG400	S1457400	7	
24_SG401	S1457401	20	
24_SG402	S1457402	17	
24_SG403	S1457403	16	
24_SG404	S1457404	11	X
24_SG405	S1457405	18	
24_SG406	S1457406	14	
24_SG409	S1457409	11	
24_SG417	S1457417	15	
24_SG418	S1457418	17	
24_SG419	S1457419	6	
24_SG420	S1457420	13	
24_SG421	S1457421	12	
24_SG422	S1457422	10	
24_SG423	S1457423	3	
24_SG424	S1457424	13	
24_SG425	S1457425	4	
24_SG426	S1457426	23	
24_SG326	S1457500	14	X
24_SG331	S1457501	20	X
24_SG393	S1457502	13	
24_SG323	S1457503	4	
24_SG317	S1457504	3	
24_SG373	S1457505	5	
24_SG373	S1457506	3	
24_SG335	S1457507	11	
24_SG338	S1457508	15	

Table D-2
Moisture Percentages in Soil Samples
MCAS El Toro Soil Gas Technical Memorandum

Station ID	Sample ID	Moisture Percent	VOCs Detected (X)
24_SG338	S1457509	15	
24_SG338	S1457510	5	
24_SG338	S1457511	7	
24_SG398	S1457512	7	
24_SG398	S1457513	15	
24_SG399	S1457514	18	
24_SG404	S1457515	12	X
24_SG405	S1457516	16	
24_SG405	S1457517	16	
24_SG406	S1457518	10	
24_SG400	S1457519	13	
24_SG404	S1457520	23	
24_SG401	S1457521	12	
24_SG402	S1457522	20	X
24_SG402	S1457523	16	X
24_SG403	S1457524	13	
24_SG339	S1457551	18	
24_SG390	S1457554	21	
24_SG330	S1457557	5	
24_SG422	S1457558	9	
24_SG417	S1457559	9	
24_SG426	S1457561	24	
24_SG331	S1457704	14	X
24_SG373	S1457705	5	
24_SG399	S1457707	22	
24_SG405	S1457710	16	
24_SG401	S1457714	18	
Number of Samples:		76	
Maximum Moisture Percent:		24	
Minimum Moisture Percent:		3	
Average Moisture Percent:		13.62	

Appendix E

CONCENTRATIONS DETECTED IN WASTE SOIL

Table E-1
Concentrations Detected in Waste Soil
MCAS El Toro Soil Gas Survey Technical Memorandum

Sample No.	Drum No.	Analytical Group	Chemical Name	Value	Units	Flag
Inorganic Analytes						
S1459351	1	TOTM	ARSENIC	3.6000	MG/KG WE	
S1459351	1	DISM	BARIUM	4.5800	MG/L	
S1459351	1	TOTM	BARIUM	93.4000	MG/KG WE	
S1459351	1	TOTM	BERYLLIUM	0.2300	MG/KG WE	B
S1459351	1	DISM	CADMIUM	0.0280	MG/L	B
S1459351	1	TOTM	CADMIUM	0.8000	MG/KG WE	B
S1459351	1	DISM	CHROMIUM	0.3500	MG/L	
S1459351	1	TOTM	CHROMIUM	15.7000	MG/KG WE	
S1459351	1	DISM	COBALT	0.1800	MG/L	B
S1459351	1	TOTM	COBALT	5.1000	MG/KG WE	B
S1459351	1	DISM	COPPER	0.2590	MG/L	B
S1459351	1	TOTM	COPPER	11.0000	MG/KG WE	
S1459351	1	DISM	LEAD	0.5360	MG/L	BN
S1459351	1	TOTM	LEAD	6.6000	MG/KG WE	B
S1459351	1	DISM	MERCURY	0.0010	MG/L	B
S1459351	1	TOTM	MERCURY	0.0400	MG/KG WE	B
S1459351	1	DISM	MOLYBDENUM	0.0660	MG/L	B
S1459351	1	TOTM	MOLYBDENUM	0.7600	MG/KG WE	B
S1459351	1	DISM	NICKEL	0.1570	MG/L	BN
S1459351	1	TOTM	NICKEL	9.6000	MG/KG WE	
S1459351	1	TOTM	THALLIUM	0.1800	MG/KG WE	B
S1459351	1	DISM	VANADIUM	0.4780	MG/L	B
S1459351	1	TOTM	VANADIUM	32.0000	MG/KG WE	
S1459351	1	DISM	ZINC	0.6470	MG/L	
S1459351	1	TOTM	ZINC	37.5000	MG/KG WE	
S1459352	2	TOTM	ARSENIC	3.7000	MG/KG WE	
S1459352	2	DISM	BARIUM	3.4000	MG/L	B
S1459352	2	TOTM	BARIUM	73.5000	MG/KG WE	
S1459352	2	TOTM	BERYLLIUM	0.2500	MG/KG WE	B
S1459352	2	TOTM	CADMIUM	0.7100	MG/KG WE	B
S1459352	2	TOTM	CHROMIUM	10.1000	MG/KG WE	
S1459352	2	DISM	COBALT	0.1410	MG/L	B
S1459352	2	TOTM	COBALT	4.3000	MG/KG WE	B
S1459352	2	DISM	COPPER	0.1210	MG/L	B
S1459352	2	TOTM	COPPER	10.1000	MG/KG WE	
S1459352	2	DISM	LEAD	0.5800	MG/L	BN
S1459352	2	TOTM	LEAD	9.4000	MG/KG WE	B
S1459352	2	DISM	MERCURY	0.0010	MG/L	B
S1459352	2	TOTM	MERCURY	0.0500	MG/KG WE	B
S1459352	2	TOTM	MOLYBDENUM	0.6500	MG/KG WE	B
S1459352	2	TOTM	NICKEL	9.4000	MG/KG WE	
S1459352	2	DISM	VANADIUM	0.2120	MG/L	B
S1459352	2	TOTM	VANADIUM	28.1000	MG/KG WE	
S1459352	2	DISM	ZINC	0.6060	MG/L	
S1459352	2	TOTM	ZINC	35.5000	MG/KG WE	
S1459353	3	TOTM	ARSENIC	3.5000	MG/KG WE	

Table E-1
Concentrations Detected in Waste Soil
MCAS El Toro Soil Gas Survey Technical Memorandum

Sample No.	Drum No.	Analytical Group	Chemical Name	Value	Units	Flag
S1459366	3	TOTM	ARSENIC	2.8000	MG/KG WE	
S1459366	3	DISM	BARIUM	4.5900	MG/L	
S1459353	3	DISM	BARIUM	4.1900	MG/L	
S1459353	3	TOTM	BARIUM	103.0000	MG/KG WE	
S1459366	3	TOTM	BARIUM	95.9000	MG/KG WE	
S1459366	3	TOTM	BERYLLIUM	0.2800	MG/KG WE	B
S1459353	3	TOTM	BERYLLIUM	0.2500	MG/KG WE	B
S1459366	3	DISM	CADMIUM	0.0250	MG/L	B
S1459353	3	DISM	CADMIUM	0.0230	MG/L	B
S1459353	3	TOTM	CADMIUM	0.9500	MG/KG WE	B
S1459366	3	TOTM	CADMIUM	0.8700	MG/KG WE	B
S1459366	3	TOTM	CHROMIUM	11.0000	MG/KG WE	
S1459353	3	TOTM	CHROMIUM	8.4000	MG/KG WE	
S1459353	3	DISM	COBALT	0.1590	MG/L	B
S1459366	3	DISM	COBALT	0.1570	MG/L	B
S1459353	3	TOTM	COBALT	6.1000	MG/KG WE	B
S1459366	3	TOTM	COBALT	4.6000	MG/KG WE	B
S1459353	3	DISM	COPPER	0.1370	MG/L	B
S1459366	3	DISM	COPPER	0.1290	MG/L	B
S1459353	3	TOTM	COPPER	13.8000	MG/KG WE	
S1459366	3	TOTM	COPPER	11.9000	MG/KG WE	
S1459366	3	DISM	LEAD	0.5830	MG/L	BN
S1459353	3	DISM	LEAD	0.4780	MG/L	BN
S1459366	3	TOTM	LEAD	13.1000	MG/KG WE	B
S1459353	3	TOTM	LEAD	9.6000	MG/KG WE	B
S1459366	3	DISM	MERCURY	0.0013	MG/L	B
S1459353	3	DISM	MERCURY	0.0012	MG/L	B
S1459353	3	TOTM	MERCURY	0.0600	MG/KG WE	
S1459366	3	TOTM	MERCURY	0.0500	MG/KG WE	B
S1459353	3	TOTM	MOLYBDENUM	0.8100	MG/KG WE	B
S1459366	3	TOTM	MOLYBDENUM	0.6900	MG/KG WE	B
S1459366	3	DISM	NICKEL	0.1270	MG/L	BN
S1459353	3	DISM	NICKEL	0.1210	MG/L	BN
S1459366	3	TOTM	NICKEL	9.1000	MG/KG WE	
S1459353	3	TOTM	NICKEL	7.1000	MG/KG WE	B
S1459353	3	TOTM	SILVER	1.0000	MG/KG WE	B
S1459366	3	TOTM	THALLIUM	0.1600	MG/KG WE	B
S1459353	3	TOTM	THALLIUM	0.1400	MG/KG WE	B
S1459366	3	DISM	VANADIUM	0.2120	MG/L	B
S1459353	3	DISM	VANADIUM	0.2050	MG/L	B
S1459366	3	TOTM	VANADIUM	30.0000	MG/KG WE	
S1459353	3	TOTM	VANADIUM	26.7000	MG/KG WE	
S1459353	3	DISM	ZINC	0.6560	MG/L	
S1459366	3	DISM	ZINC	0.5750	MG/L	
S1459366	3	TOTM	ZINC	42.3000	MG/KG WE	
S1459353	3	TOTM	ZINC	38.9000	MG/KG WE	
S1459354	4	TOTM	ARSENIC	3.8000	MG/KG WE	

Table E-1
Concentrations Detected in Waste Soil
MCAS El Toro Soil Gas Survey Technical Memorandum

Sample No.	Drum No.	Analytical Group	Chemical Name	Value	Units	Flag
S1459354	4	DISM	BARIUM	4.7700	MG/L	
S1459354	4	TOTM	BARIUM	101.0000	MG/KG WE	
S1459354	4	TOTM	BERYLLIUM	0.2900	MG/KG WE	B
S1459354	4	DISM	CADMIUM	0.0270	MG/L	B
S1459354	4	TOTM	CADMIUM	1.2000	MG/KG WE	
S1459354	4	TOTM	CHROMIUM	8.8000	MG/KG WE	
S1459354	4	DISM	COBALT	0.1800	MG/L	B
S1459354	4	TOTM	COBALT	5.7000	MG/KG WE	B
S1459354	4	DISM	COPPER	0.1550	MG/L	B
S1459354	4	TOTM	COPPER	12.3000	MG/KG WE	
S1459354	4	DISM	LEAD	0.5700	MG/L	BN
S1459354	4	TOTM	LEAD	16.6000	MG/KG WE	B
S1459354	4	DISM	MERCURY	0.0014	MG/L	B
S1459354	4	TOTM	MERCURY	0.0600	MG/KG WE	
S1459354	4	TOTM	MOLYBDENUM	1.3000	MG/KG WE	B
S1459354	4	DISM	NICKEL	0.1900	MG/L	BN
S1459354	4	TOTM	NICKEL	8.8000	MG/KG WE	
S1459354	4	TOTM	THALLIUM	0.1600	MG/KG WE	B
S1459354	4	DISM	VANADIUM	0.2450	MG/L	B
S1459354	4	TOTM	VANADIUM	28.3000	MG/KG WE	
S1459354	4	DISM	ZINC	0.9770	MG/L	
S1459354	4	TOTM	ZINC	48.3000	MG/KG WE	
S1459355	5	TOTM	ARSENIC	4.8000	MG/KG WE	
S1459355	5	DISM	BARIUM	3.5500	MG/L	B
S1459355	5	TOTM	BARIUM	71.3000	MG/KG WE	
S1459355	5	TOTM	BERYLLIUM	0.2500	MG/KG WE	B
S1459355	5	TOTM	CADMIUM	0.7300	MG/KG WE	B
S1459355	5	TOTM	CHROMIUM	8.2000	MG/KG WE	
S1459355	5	DISM	COBALT	0.1500	MG/L	B
S1459355	5	TOTM	COBALT	3.6000	MG/KG WE	B
S1459355	5	DISM	COPPER	0.1500	MG/L	B
S1459355	5	TOTM	COPPER	11.1000	MG/KG WE	
S1459355	5	DISM	LEAD	0.4820	MG/L	BN
S1459355	5	TOTM	LEAD	11.9000	MG/KG WE	B
S1459355	5	DISM	MERCURY	0.0012	MG/L	B
S1459355	5	TOTM	MERCURY	0.0600	MG/KG WE	
S1459355	5	TOTM	MOLYBDENUM	1.9000	MG/KG WE	B
S1459355	5	TOTM	NICKEL	10.0000	MG/KG WE	
S1459355	5	DISM	VANADIUM	0.2160	MG/L	B
S1459355	5	TOTM	VANADIUM	25.2000	MG/KG WE	
S1459355	5	DISM	ZINC	0.5860	MG/L	
S1459355	5	TOTM	ZINC	35.3000	MG/KG WE	
S1459356	6	TOTM	ARSENIC	3.2000	MG/KG WE	
S1459356	6	DISM	BARIUM	4.7800	MG/L	
S1459356	6	TOTM	BARIUM	96.4000	MG/KG WE	
S1459356	6	TOTM	BERYLLIUM	0.2500	MG/KG WE	B
S1459356	6	DISM	CADMIUM	0.0450	MG/L	B

Table E-1
Concentrations Detected in Waste Soil
MCAS El Toro Soil Gas Survey Technical Memorandum

Sample No.	Drum No.	Analytical Group	Chemical Name	Value	Units	Flag
S1459356	6	TOTM	CADMIUM	0.8400	MG/KG WE	B
S1459356	6	TOTM	CHROMIUM	8.4000	MG/KG WE	
S1459356	6	DISM	COBALT	0.1930	MG/L	B
S1459356	6	TOTM	COBALT	4.6000	MG/KG WE	B
S1459356	6	DISM	COPPER	0.1420	MG/L	B
S1459356	6	TOTM	COPPER	9.7000	MG/KG WE	
S1459356	6	TOTM	LEAD	12.1000	MG/KG WE	B
S1459356	6	TOTM	MERCURY	0.0600	MG/KG WE	
S1459356	6	TOTM	MOLYBDENUM	0.7800	MG/KG WE	B
S1459356	6	DISM	NICKEL	0.1810	MG/L	BN
S1459356	6	TOTM	NICKEL	7.3000	MG/KG WE	B
S1459356	6	TOTM	THALLIUM	0.2400	MG/KG WE	B
S1459356	6	DISM	VANADIUM	0.2390	MG/L	B
S1459356	6	TOTM	VANADIUM	27.0000	MG/KG WE	
S1459356	6	DISM	ZINC	0.5080	MG/L	
S1459356	6	TOTM	ZINC	38.3000	MG/KG WE	
S1459357	7	DISM	BARIUM	4.1200	MG/L	
S1459357	7	TOTM	BARIUM	96.5000	MG/KG WE	
S1459357	7	TOTM	BERYLLIUM	0.2600	MG/KG WE	B
S1459357	7	DISM	CADMIUM	0.0260	MG/L	B
S1459357	7	TOTM	CADMIUM	0.8000	MG/KG WE	B
S1459357	7	TOTM	CHROMIUM	7.6000	MG/KG WE	
S1459357	7	DISM	COBALT	0.1400	MG/L	B
S1459357	7	TOTM	COBALT	3.9000	MG/KG WE	B
S1459357	7	DISM	COPPER	0.1290	MG/L	B
S1459357	7	TOTM	COPPER	7.3000	MG/KG WE	
S1459357	7	TOTM	LEAD	5.5000	MG/KG WE	B
S1459357	7	DISM	MERCURY	0.0013	MG/L	B
S1459357	7	TOTM	MERCURY	0.0500	MG/KG WE	B
S1459357	7	TOTM	NICKEL	7.8000	MG/KG WE	B
S1459357	7	DISM	VANADIUM	0.2100	MG/L	B
S1459357	7	TOTM	VANADIUM	24.5000	MG/KG WE	
S1459357	7	DISM	ZINC	0.4650	MG/L	
S1459357	7	TOTM	ZINC	33.9000	MG/KG WE	
S1459358	8	DISM	BARIUM	3.1700	MG/L	B
S1459358	8	TOTM	BARIUM	78.7000	MG/KG WE	
S1459358	8	TOTM	BERYLLIUM	0.2500	MG/KG WE	B
S1459358	8	DISM	CADMIUM	0.0330	MG/L	B
S1459358	8	TOTM	CADMIUM	0.9200	MG/KG WE	B
S1459358	8	DISM	CHROMIUM	0.0610	MG/L	B
S1459358	8	TOTM	CHROMIUM	9.7000	MG/KG WE	
S1459358	8	DISM	COBALT	0.1480	MG/L	B
S1459358	8	TOTM	COBALT	4.4000	MG/KG WE	B
S1459358	8	DISM	COPPER	0.1450	MG/L	B
S1459358	8	TOTM	COPPER	9.4000	MG/KG WE	
S1459358	8	DISM	LEAD	0.5410	MG/L	BN
S1459358	8	TOTM	LEAD	11.2000	MG/KG WE	B

Table E-1
Concentrations Detected in Waste Soil
MCAS El Toro Soil Gas Survey Technical Memorandum

Sample No.	Drum No.	Analytical Group	Chemical Name	Value	Units	Flag
S1459358	8	DISM	MERCURY	0.0012	MG/L	B
S1459358	8	TOTM	MERCURY	0.0400	MG/KG WE	B
S1459358	8	TOTM	MOLYBDENUM	0.7300	MG/KG WE	B
S1459358	8	DISM	NICKEL	0.1660	MG/L	BN
S1459358	8	TOTM	NICKEL	9.7000	MG/KG WE	
S1459358	8	DISM	VANADIUM	0.1970	MG/L	B
S1459358	8	TOTM	VANADIUM	26.2000	MG/KG WE	
S1459358	8	DISM	ZINC	0.5330	MG/L	
S1459358	8	TOTM	ZINC	38.3000	MG/KG WE	
S1458151	9	TOTM	ANTIMONY	0.0178	MG/L	B
S1458151	9	TOTM	ARSENIC	0.0196	MG/L	
S1459363	9	TOTM	ARSENIC	0.0008	MG/L	B
S1458151	9	TOTM	BARIUM	0.0235	MG/L	BE
S1458151	9	TOTM	COBALT	0.0065	MG/L	B
S1458151	9	TOTM	MOLYBDENUM	0.4060	MG/L	
S1458151	9	TOTM	NICKEL	0.0299	MG/L	B
S1458151	9	TOTM	VANADIUM	0.0077	MG/L	B
S1458151	9	TOTM	ZINC	0.0045	MG/L	B
S1459363	9	TOTM	ZINC	0.0034	MG/L	B
S1459359	14	TOTM	ARSENIC	2.6000	MG/KG WE	B
S1459359	14	DISM	BARIUM	4.8600	MG/L	
S1459359	14	TOTM	BARIUM	82.4000	MG/KG WE	
S1459359	14	TOTM	BERYLLIUM	0.2800	MG/KG WE	B
S1459359	14	TOTM	CADMIUM	0.7900	MG/KG WE	B
S1459359	14	TOTM	CHROMIUM	7.8000	MG/KG WE	
S1459359	14	DISM	COBALT	0.0960	MG/L	B
S1459359	14	TOTM	COBALT	3.9000	MG/KG WE	B
S1459359	14	DISM	COPPER	0.0680	MG/L	B
S1459359	14	TOTM	COPPER	6.7000	MG/KG WE	
S1459359	14	TOTM	LEAD	5.4000	MG/KG WE	B
S1459359	14	DISM	MERCURY	0.0011	MG/L	B
S1459359	14	TOTM	MERCURY	0.0500	MG/KG WE	B
S1459359	14	TOTM	MOLYBDENUM	0.9300	MG/KG WE	B
S1459359	14	TOTM	NICKEL	7.1000	MG/KG WE	B
S1459359	14	DISM	VANADIUM	0.2180	MG/L	B
S1459359	14	TOTM	VANADIUM	23.4000	MG/KG WE	
S1459359	14	DISM	ZINC	0.5610	MG/L	
S1459359	14	TOTM	ZINC	40.4000	MG/KG WE	
S1459360	15	TOTM	ARSENIC	5.4000	MG/KG WE	B
S1459360	15	DISM	BARIUM	4.6600	MG/L	
S1459360	15	TOTM	BARIUM	122.0000	MG/KG WE	
S1459360	15	TOTM	BERYLLIUM	0.3700	MG/KG WE	B
S1459360	15	DISM	CADMIUM	0.0370	MG/L	B
S1459360	15	TOTM	CADMIUM	1.3000	MG/KG WE	
S1459360	15	TOTM	CHROMIUM	12.8000	MG/KG WE	
S1459360	15	DISM	COBALT	0.1190	MG/L	B
S1459360	15	TOTM	COBALT	4.9000	MG/KG WE	B

Table E-1
Concentrations Detected in Waste Soil
MCAS El Toro Soil Gas Survey Technical Memorandum

Sample No.	Drum No.	Analytical Group	Chemical Name	Value	Units	Flag
S1459360	15	DISM	COPPER	0.0810	MG/L	B
S1459360	15	TOTM	COPPER	8.7000	MG/KG WE	
S1459360	15	TOTM	LEAD	7.8000	MG/KG WE	
S1459360	15	DISM	MERCURY	0.0011	MG/L	B
S1459360	15	TOTM	MERCURY	0.0500	MG/KG WE	B
S1459360	15	TOTM	MOLYBDENUM	1.2000	MG/KG WE	B
S1459360	15	DISM	NICKEL	0.1990	MG/L	BN
S1459360	15	TOTM	NICKEL	8.8000	MG/KG WE	
S1459360	15	TOTM	SILVER	0.5200	MG/KG WE	B
S1459360	15	DISM	VANADIUM	0.2020	MG/L	B
S1459360	15	TOTM	VANADIUM	40.5000	MG/KG WE	
S1459360	15	DISM	ZINC	0.3590	MG/L	B
S1459360	15	TOTM	ZINC	48.5000	MG/KG WE	
S1459361	16	TOTM	ARSENIC	3.5000	MG/KG WE	B
S1459361	16	DISM	BARIUM	4.9300	MG/L	
S1459361	16	TOTM	BARIUM	97.4000	MG/KG WE	
S1459361	16	TOTM	BERYLLIUM	0.2100	MG/KG WE	B
S1459361	16	DISM	CADMIUM	0.0310	MG/L	B
S1459361	16	TOTM	CADMIUM	0.8400	MG/KG WE	B
S1459361	16	DISM	CHROMIUM	1.1600	MG/L	
S1459361	16	TOTM	CHROMIUM	12.8000	MG/KG WE	
S1459361	16	DISM	COBALT	0.2340	MG/L	B
S1459361	16	TOTM	COBALT	4.3000	MG/KG WE	B
S1459361	16	DISM	COPPER	0.3200	MG/L	B
S1459361	16	TOTM	COPPER	9.4000	MG/KG WE	
S1459361	16	DISM	LEAD	0.6150	MG/L	BN
S1459361	16	TOTM	LEAD	10.0000	MG/KG WE	
S1459361	16	TOTM	MERCURY	0.0500	MG/KG WE	B
S1459361	16	DISM	MOLYBDENUM	0.2570	MG/L	
S1459361	16	TOTM	MOLYBDENUM	1.6000	MG/KG WE	B
S1459361	16	DISM	NICKEL	0.2920	MG/L	BN
S1459361	16	TOTM	NICKEL	7.8000	MG/KG WE	B
S1459361	16	TOTM	THALLIUM	0.1600	MG/KG WE	B
S1459361	16	DISM	VANADIUM	0.4520	MG/L	B
S1459361	16	TOTM	VANADIUM	26.5000	MG/KG WE	
S1459361	16	DISM	ZINC	0.7170	MG/L	
S1459361	16	TOTM	ZINC	40.0000	MG/KG WE	

Table E-1
Concentrations Detected in Waste Soil
MCAS El Toro Soil Gas Survey Technical Memorandum

Sample No.	Drum No.	Analytical Group	Chemical Name	Value	Units	Flag
Organic Analytes						
S1459351	1	PEST	4,4'-DDE	27.0000	UG/KG	
S1459351	1	SVOL	BIS(2-ETHYLHEXYL)PHTHALATE	860.0000	UG/KG	J
S1459351	1	VOL	TOTAL PETROLEUM HYDROCARBONS	2050.0000	MG/KG	
S1459352	2	SVOL	BIS(2-ETHYLHEXYL)PHTHALATE	1200.0000	UG/KG	J
S1459352	2	VOL	TOTAL PETROLEUM HYDROCARBONS	3090.0000	MG/KG	
S1459353	3	PEST	4,4'-DDT	13.0000	UG/KG	J
S1459366	3	SVOL	BIS(2-ETHYLHEXYL)PHTHALATE	1600.0000	UG/KG	J
S1459353	3	SVOL	BIS(2-ETHYLHEXYL)PHTHALATE	950.0000	UG/KG	J
S1459366	3	PEST	PCB-1254	960.0000	UG/KG	
S1459353	3	PEST	PCB-1254	470.0000	UG/KG	
S1459353	3	VOL	TOLUENE	2.0000	UG/KG	J
S1459366	3	VOL	TOLUENE	1.0000	UG/KG	J
S1459366	3	VOL	TOTAL PETROLEUM HYDROCARBONS	2580.0000	MG/KG	
S1459353	3	VOL	TOTAL PETROLEUM HYDROCARBONS	2110.0000	MG/KG	
S1459353	3	VOL	XYLENE (TOTAL)	6.0000	UG/KG	J
S1459366	3	VOL	XYLENE (TOTAL)	3.0000	UG/KG	J
S1459354	4	PEST	4,4'-DDT	9.0000	UG/KG	J
S1459354	4	SVOL	BIS(2-ETHYLHEXYL)PHTHALATE	1700.0000	UG/KG	J
S1459354	4	PEST	PCB-1254	170.0000	UG/KG	JP
S1459354	4	VOL	TOLUENE	2.0000	UG/KG	J
S1459354	4	VOL	TOTAL PETROLEUM HYDROCARBONS	2060.0000	MG/KG	
S1459354	4	VOL	XYLENE (TOTAL)	1.0000	UG/KG	J
S1459355	5	PEST	4,4'-DDT	11.0000	UG/KG	J
S1459355	5	SVOL	BENZO(B)FLUORANTHENE	370.0000	UG/KG	J
S1459355	5	SVOL	BENZO(K)FLUORANTHENE	350.0000	UG/KG	J
S1459355	5	SVOL	BIS(2-ETHYLHEXYL)PHTHALATE	960.0000	UG/KG	J
S1459355	5	SVOL	CHRYSENE	560.0000	UG/KG	J
S1459355	5	SVOL	DI-N-OCTYL PHTHALATE	530.0000	UG/KG	J
S1459355	5	SVOL	FLUORANTHENE	740.0000	UG/KG	J
S1459355	5	PEST	PCB-1254	220.0000	UG/KG	P
S1459355	5	SVOL	PHENANTHRENE	380.0000	UG/KG	J
S1459355	5	SVOL	PYRENE	580.0000	UG/KG	J
S1459355	5	VOL	TOLUENE	1.0000	UG/KG	J
S1459355	5	VOL	TOTAL PETROLEUM HYDROCARBONS	3970.0000	MG/KG	
S1459356	6	SVOL	BIS(2-ETHYLHEXYL)PHTHALATE	1600.0000	UG/KG	J
S1459356	6	PEST	PCB-1254	220.0000	UG/KG	P
S1459356	6	VOL	TOTAL PETROLEUM HYDROCARBONS	1710.0000	MG/KG	
S1459357	7	PEST	4,4'-DDT	16.0000	UG/KG	J
S1459357	7	SVOL	BENZO(A)PYRENE	780.0000	UG/KG	J
S1459357	7	SVOL	BENZO(B)FLUORANTHENE	540.0000	UG/KG	J
S1459357	7	SVOL	BENZO(GHI)PERYLENE	420.0000	UG/KG	J
S1459357	7	SVOL	BENZO(K)FLUORANTHENE	550.0000	UG/KG	J
S1459357	7	SVOL	BIS(2-ETHYLHEXYL)PHTHALATE	1000.0000	UG/KG	J
S1459357	7	SVOL	CHRYSENE	620.0000	UG/KG	J
S1459357	7	VOL	ETHYLBENZENE	1.0000	UG/KG	J
S1459357	7	SVOL	INDENO(1,2,3-C,D)PYRENE	880.0000	UG/KG	J

Table E-1
Concentrations Detected in Waste Soil
MCAS El Toro Soil Gas Survey Technical Memorandum

Sample No.	Drum No.	Analytical Group	Chemical Name	Value	Units	Flag
S1459357	7	SVOL	PYRENE	840.0000	UG/KG	J
S1459357	7	VOL	TOTAL PETROLEUM HYDROCARBONS	2280.0000	MG/KG	
S1459357	7	TPHV	TPHVOA	4.9000	MG/KG	
S1459357	7	VOL	XYLENE (TOTAL)	10.0000	UG/KG	J
S1459358	8	PEST	4,4'-DDT	9.8000	UG/KG	JP
S1459358	8	SVOL	BENZO(A)PYRENE	440.0000	UG/KG	J
S1459358	8	SVOL	BIS(2-ETHYLHEXYL)PHTHALATE	520.0000	UG/KG	J
S1459358	8	SVOL	PYRENE	1000.0000	UG/KG	J
S1459358	8	VOL	TOTAL PETROLEUM HYDROCARBONS	2410.0000	MG/KG	
S1459358	8	VOL	XYLENE (TOTAL)	3.0000	UG/KG	J
S1459363	9	VOL	2-BUTANONE	5.0000	UG/L	J
S1459365	9	VOL	2-BUTANONE	4.0000	UG/L	J
S1459363	9	VOL	ACETONE	870.0000	UG/L	E
S1459365	9	VOL	ACETONE	83.0000	UG/L	
S1459364	9	VOL	ACETONE	37.0000	UG/L	
S1458152	9	VOL	ACETONE	15.0000	UG/L	
S1458152	9	VOL	METHYLENE CHLORIDE	4.0000	UG/L	J
S1459365	9	VOL	METHYLENE CHLORIDE	3.0000	UG/L	J
S1459363	9	VOL	TOLUENE	1.0000	UG/L	J
S1459359	14	PEST	4,4'-DDT	3.7000	UG/KG	J
S1459359	14	SVOL	BENZO(A)PYRENE	190.0000	UG/KG	J
S1459359	14	SVOL	BENZO(B)FLUORANTHENE	160.0000	UG/KG	J
S1459359	14	SVOL	BENZO(K)FLUORANTHENE	140.0000	UG/KG	J
S1459359	14	SVOL	BIS(2-ETHYLHEXYL)PHTHALATE	1400.0000	UG/KG	
S1459359	14	SVOL	CHRYSENE	150.0000	UG/KG	J
S1459359	14	SVOL	DI-N-OCTYL PHTHALATE	85.0000	UG/KG	J
S1459359	14	SVOL	FLUORANTHENE	120.0000	UG/KG	J
S1459359	14	SVOL	INDENO(1,2,3-C,D)PYRENE	190.0000	UG/KG	J
S1459359	14	SVOL	PYRENE	320.0000	UG/KG	J
S1459359	14	VOL	TOTAL PETROLEUM HYDROCARBONS	559.0000	MG/KG	
S1459359	14	TPHV	TPHVOA	3.0000	MG/KG	
S1459360	15	SVOL	BENZO(B)FLUORANTHENE	49.0000	UG/KG	J
S1459360	15	SVOL	BENZO(K)FLUORANTHENE	60.0000	UG/KG	J
S1459360	15	SVOL	BIS(2-ETHYLHEXYL)PHTHALATE	140.0000	UG/KG	J
S1459360	15	SVOL	CHRYSENE	69.0000	UG/KG	J
S1459360	15	SVOL	FLUORANTHENE	98.0000	UG/KG	J
S1459360	15	SVOL	PYRENE	130.0000	UG/KG	J
S1459360	15	VOL	TOTAL PETROLEUM HYDROCARBONS	35.4000	MG/KG	
S1459361	16	VOL	ACETONE	6.0000	UG/KG	J
S1459361	16	SVOL	BENZO(A)ANTHRACENE	210.0000	UG/KG	J
S1459361	16	SVOL	BENZO(A)PYRENE	150.0000	UG/KG	J
S1459361	16	SVOL	BENZO(B)FLUORANTHENE	190.0000	UG/KG	J
S1459361	16	SVOL	BENZO(K)FLUORANTHENE	220.0000	UG/KG	J
S1459361	16	SVOL	BIS(2-ETHYLHEXYL)PHTHALATE	1700.0000	UG/KG	
S1459361	16	SVOL	CARBAZOLE	160.0000	UG/KG	J
S1459361	16	SVOL	CHRYSENE	530.0000	UG/KG	
S1459361	16	SVOL	DIBENZO(A,H)ANTHRACENE	41.0000	UG/KG	J

Table E-1
Concentrations Detected in Waste Soil
MCAS El Toro Soil Gas Survey Technical Memorandum

Sample No.	Drum No.	Analytical Group	Chemical Name	Value	Units	Flag
S1459361	16	VOL	ETHYLBENZENE	1.0000	UG/KG	J
S1459361	16	SVOL	FLUORANTHENE	1100.0000	UG/KG	
S1459361	16	SVOL	INDENO(1,2,3-C,D)PYRENE	97.0000	UG/KG	J
S1459361	16	SVOL	PHENANTHRENE	620.0000	UG/KG	
S1459361	16	SVOL	PYRENE	800.0000	UG/KG	
S1459361	16	VOL	TOTAL PETROLEUM HYDROCARBONS	271.0000	MG/KG	
S1459361	16	VOL	XYLENE (TOTAL)	9.0000	UG/KG	J

Notes:

Key to Analytical Groups:

DISM	Dissolved Metals
TOTM	Total Metals
VOL	Volatile Organic Compounds
SVOL	Semi-Volatile Organic Compounds
TPHV	Total Petroleum Hydrocarbons - gasoline
PEST	Pesticides/PCBs

Key to Flags:

J	Estimated value
B	Analyte also detected in laboratory blank
E	Concentration exceeded calibrated range of instrument
P	Greater than 25% difference between 2 gas chromatograph columns; lower value report
N	Spiked sample recovery not within control limits

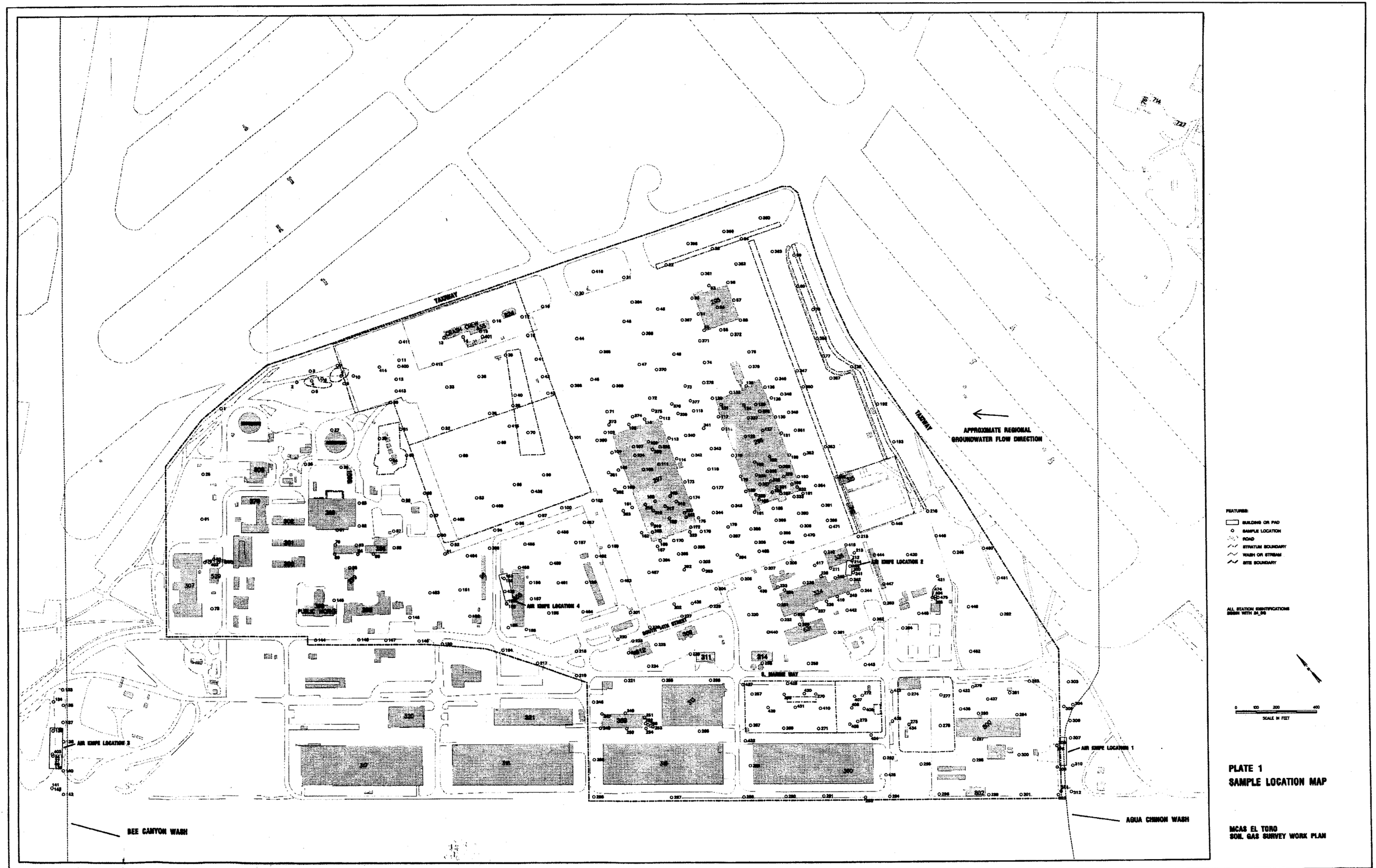


PLATE 1
SAMPLE LOCATION MAP

MCAS EL TORO
SOIL GAS SURVEY WORK PLAN

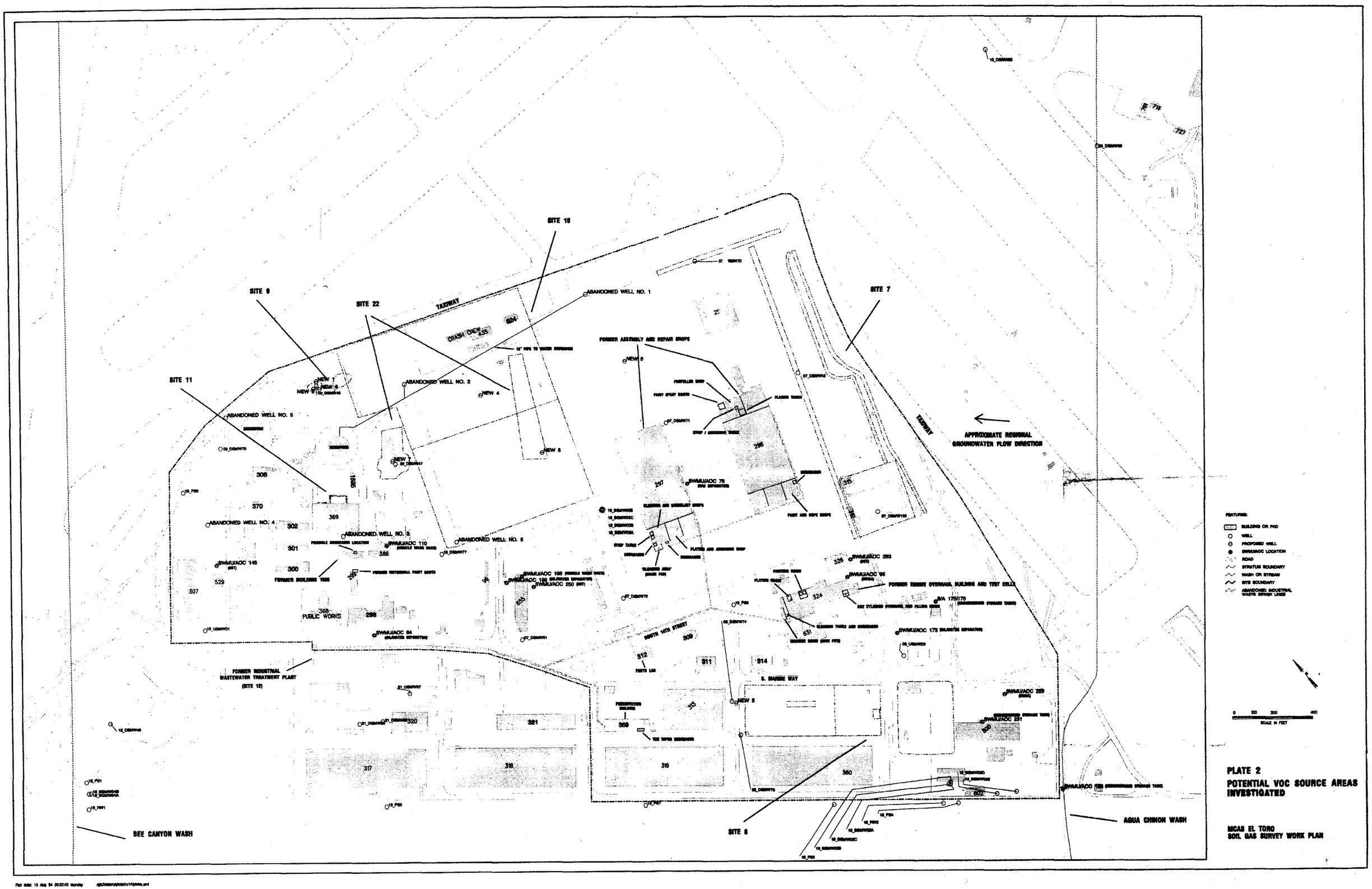


PLATE 2

POTENTIAL VOC SOURCE AREAS INVESTIGATED

MCAS EL TORO
SOIL GAS SURVEY WORK PLAN

Plot date: 15 Aug 94 09:32:43 Monday